

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138617.D
 Acq On : 23 Jul 2024 14:26
 Operator : RC/JU
 Sample : PB162084BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162084BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 23 15:09:16 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	86746	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	357957	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	189830	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	320457	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	157674	20.000	ng	-0.01
86) Perylene-d12	15.474	264	158633	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	695508	126.982	ng	0.00
7) Phenol-d6	6.493	99	926496	127.155	ng	-0.01
23) Nitrobenzene-d5	7.422	82	605780	83.089	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	220845	124.479	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1013350	83.431	ng	-0.02
79) Terphenyl-d14	12.963	244	978504	101.101	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	89381	36.846	ng	98
3) Pyridine	3.475	79	241353	40.345	ng	96
4) n-Nitrosodimethylamine	3.440	42	174724	44.866	ng	91
6) Aniline	6.516	93	226099	33.129	ng	# 26
8) 2-Chlorophenol	6.640	128	279252	48.217	ng	97
9) Benzaldehyde	6.404	77	23431	6.008	ng	97
10) Phenol	6.510	94	356281	46.067	ng	89
11) bis(2-Chloroethyl)ether	6.593	93	277161	47.598	ng	99
12) 1,3-Dichlorobenzene	6.793	146	288006	44.240	ng	97
13) 1,4-Dichlorobenzene	6.869	146	288905	43.702	ng	98
14) 1,2-Dichlorobenzene	7.022	146	280322	45.528	ng	97
15) Benzyl Alcohol	6.998	79	261011	47.732	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	495246	43.249	ng	84
17) 2-Methylphenol	7.116	107	225115	47.427	ng	# 90
18) Hexachloroethane	7.363	117	110891	45.628	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	211447	46.965	ng	96
20) 3+4-Methylphenols	7.269	107	279472	46.757	ng	# 90
22) Acetophenone	7.263	105	361738	41.609	ng	98
24) Nitrobenzene	7.440	77	320903	43.313	ng	97
25) Isophorone	7.675	82	571204	45.622	ng	100
26) 2-Nitrophenol	7.751	139	149469	47.070	ng	94
27) 2,4-Dimethylphenol	7.793	122	193666m	49.622	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	342816	45.815	ng	98
29) 2,4-Dichlorophenol	7.998	162	224469	44.290	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	241759	40.947	ng	99
31) Naphthalene	8.157	128	818410	43.961	ng	100
32) Benzoic acid	7.928	122	130204	34.978	ng	93
33) 4-Chloroaniline	8.204	127	123694	18.937	ng	99
34) Hexachlorobutadiene	8.269	225	142473	39.187	ng	99
35) Caprolactam	8.581	113	67551m	41.304	ng	
36) 4-Chloro-3-methylphenol	8.698	107	254697	44.888	ng	100
37) 2-Methylnaphthalene	8.851	142	524050	43.743	ng	100
38) 1-Methylnaphthalene	8.951	142	482864	41.298	ng	97
40) 1,2,4,5-Tetrachloroben...	9.016	216	215621	40.755	ng	98
41) Hexachlorocyclopentadiene	8.998	237	202581	117.968	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	147818	43.800	ng	99

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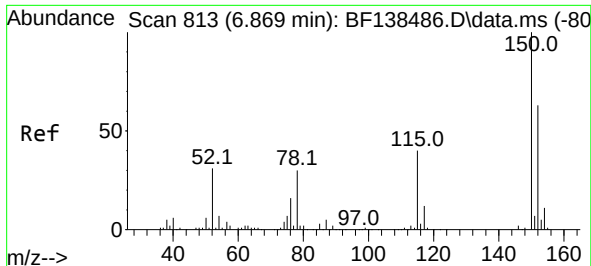
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	155386	41.862	ng	94
46) 1,1'-Biphenyl	9.316	154	599736	41.688	ng	99
47) 2-Chloronaphthalene	9.339	162	481978	44.348	ng	99
48) 2-Nitroaniline	9.439	65	178465	47.387	ng	98
49) Acenaphthylene	9.757	152	754129	48.874	ng	100
50) Dimethylphthalate	9.616	163	560102	45.630	ng	100
51) 2,6-Dinitrotoluene	9.681	165	124967	44.217	ng	91
52) Acenaphthene	9.928	154	471019	45.923	ng	100
53) 3-Nitroaniline	9.845	138	81717	28.210	ng	91
54) 2,4-Dinitrophenol	9.963	184	117788	77.792	ng	91
55) Dibenzofuran	10.098	168	664685	44.679	ng	99
56) 4-Nitrophenol	10.022	139	176371	82.519	ng	98
57) 2,4-Dinitrotoluene	10.086	165	164386	44.954	ng	93
58) Fluorene	10.439	166	519193	44.106	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127801	43.626	ng	96
60) Diethylphthalate	10.316	149	531439	44.910	ng	99
61) 4-Chlorophenyl-phenyle...	10.434	204	252425	42.704	ng	95
62) 4-Nitroaniline	10.469	138	123920	42.691	ng	99
63) Azobenzene	10.592	77	589818	46.360	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	91678	49.546	ng	80
66) n-Nitrosodiphenylamine	10.551	169	451926	47.070	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	148388	45.052	ng	100
68) Hexachlorobenzene	10.986	284	163452	44.671	ng	97
69) Atrazine	11.081	200	137476	43.188	ng	98
70) Pentachlorophenol	11.186	266	166442	76.873	ng	98
71) Phenanthrene	11.404	178	753210	46.524	ng	99
72) Anthracene	11.457	178	758937	47.224	ng	99
73) Carbazole	11.610	167	657519	45.527	ng	99
74) Di-n-butylphthalate	11.933	149	792080	47.580	ng	100
75) Fluoranthene	12.592	202	726942	44.004	ng	98
77) Benzidine	12.710	184	130861	32.895	ng	99
78) Pyrene	12.822	202	727787	45.470	ng	100
80) Butylbenzylphthalate	13.433	149	258397	53.666	ng	98
81) Benzo(a)anthracene	14.004	228	504033	47.640	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	89606	32.869	ng	# 98
83) Chrysene	14.039	228	461766	46.137	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	283766	55.259	ng	98
85) Di-n-octyl phthalate	14.598	149	396511	48.878	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	502853	47.192	ng	99
88) Benzo(b)fluoranthene	15.051	252	404957	45.329	ng	99
89) Benzo(k)fluoranthene	15.080	252	390527	44.821	ng	99
90) Benzo(a)pyrene	15.416	252	382421	48.729	ng	99
91) Dibenzo(a,h)anthracene	16.963	278	399730	45.860	ng	100
92) Benzo(g,h,i)perylene	17.392	276	390118	42.209	ng	96

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



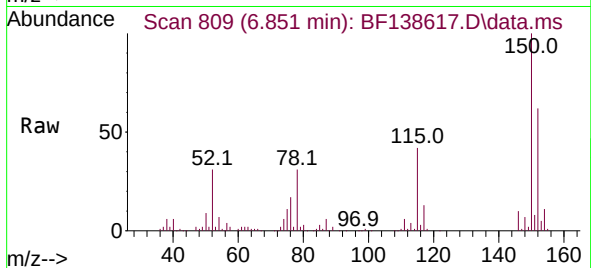
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

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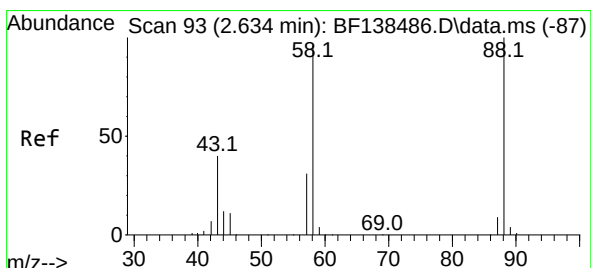
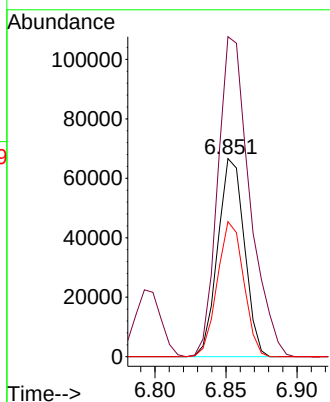
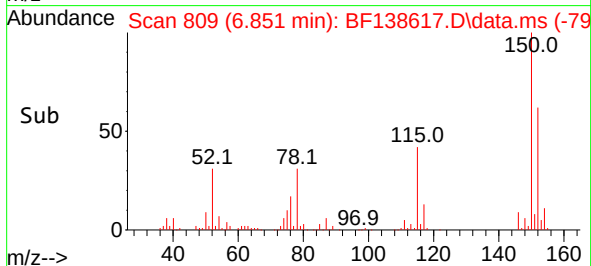


Tgt Ion:152 Resp: 86740
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.4
115 68.2 50.3 75.5

Manual Integrations

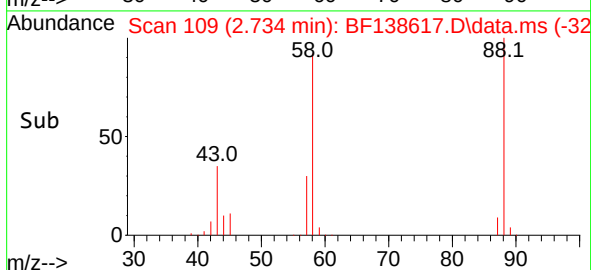
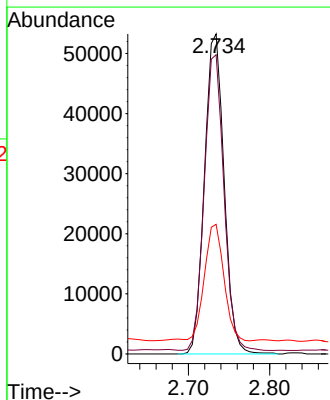
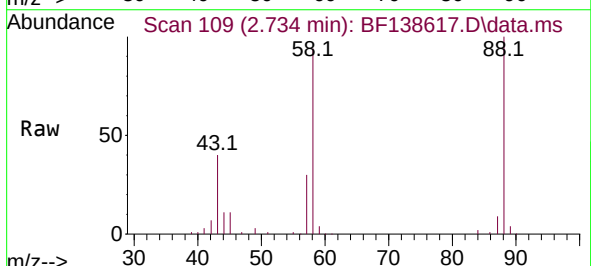
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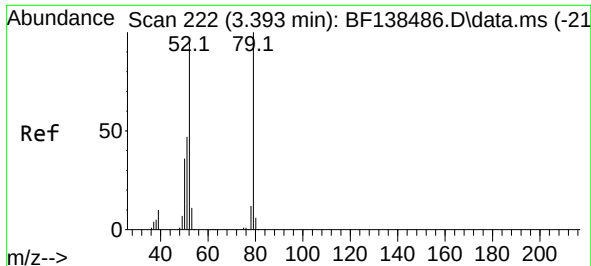
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#2
1,4-Dioxane
Concen: 36.846 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion: 88 Resp: 89381
Ion Ratio Lower Upper
88 100
58 92.4 74.6 112.0
43 36.6 31.8 47.6





#3

Pyridine

Concen: 40.345 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.083 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Tgt Ion: 79 Resp: 24135

Ion Ratio Lower Upper

79 100

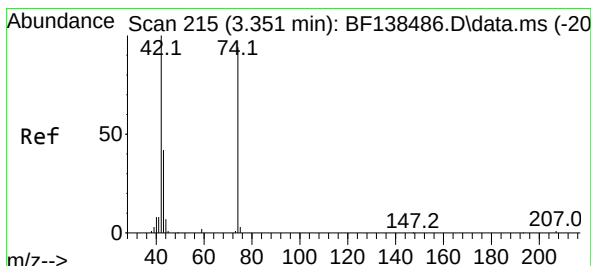
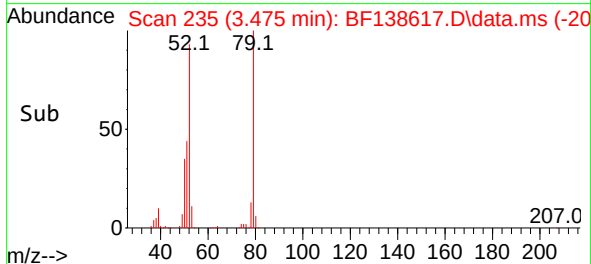
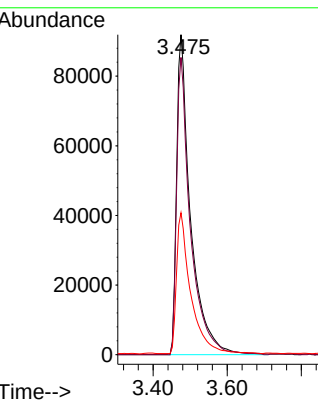
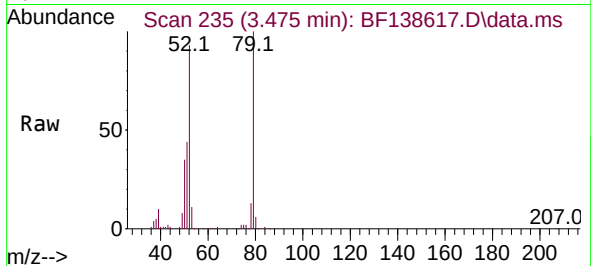
52 92.9 77.4 116.2

51 44.3 37.4 56.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.866 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

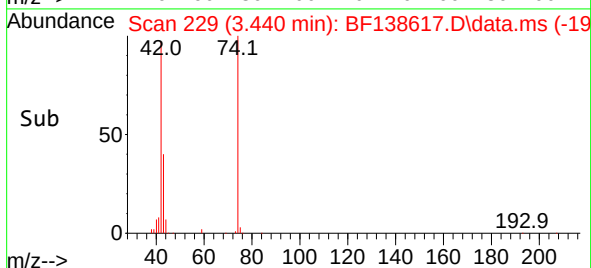
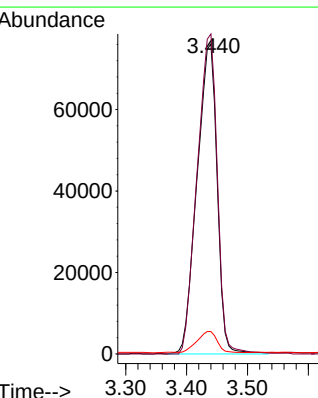
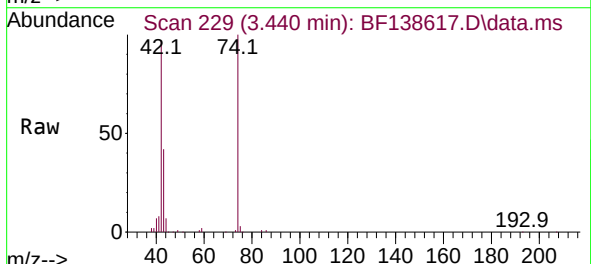
Tgt Ion: 42 Resp: 174724

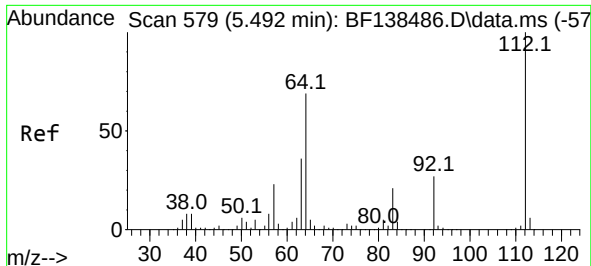
Ion Ratio Lower Upper

42 100

74 103.2 75.0 112.6

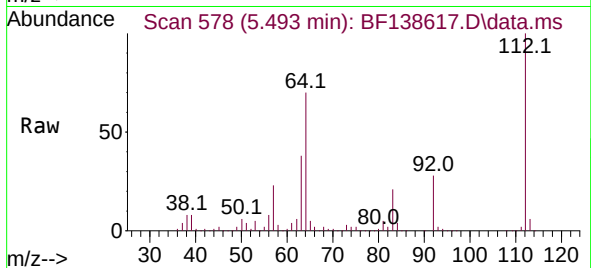
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 126.982 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

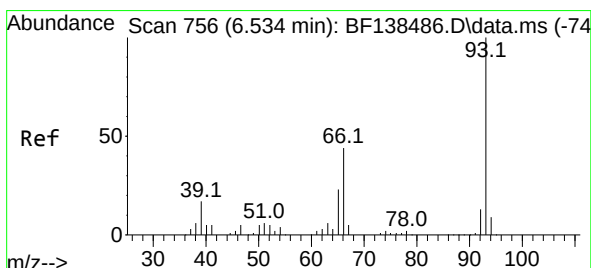
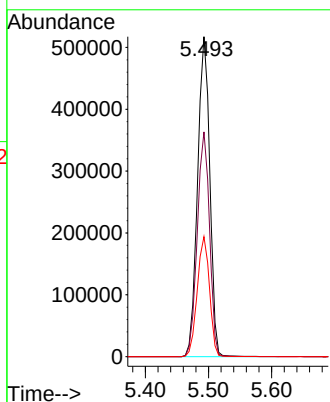
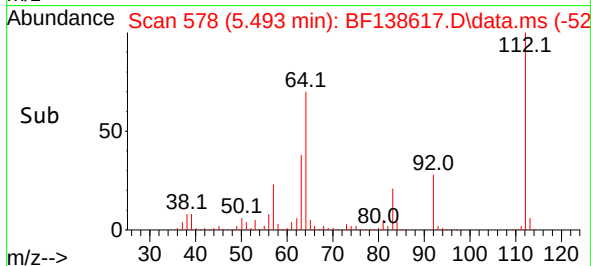
Instrument :
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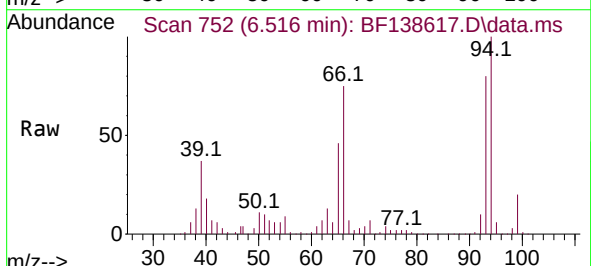
Tgt Ion:112 Resp: 695508
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 37.5 29.0 43.6

Manual Integrations
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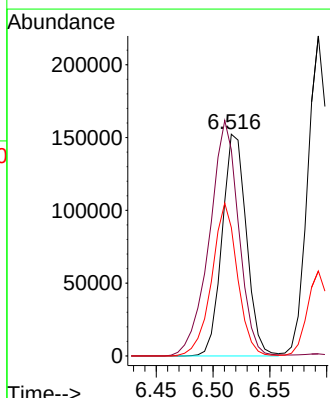
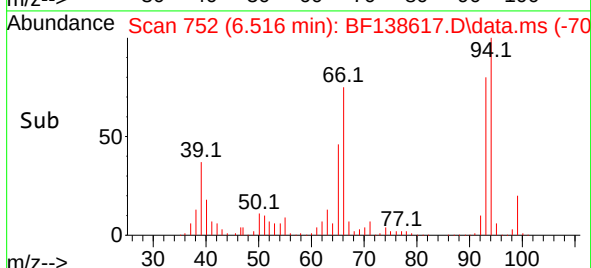
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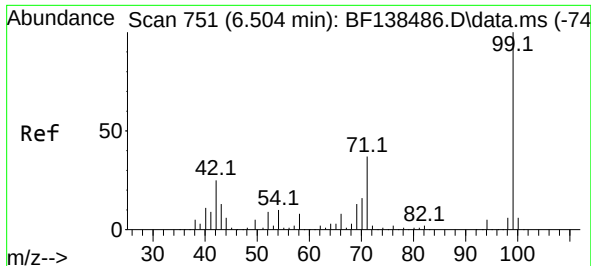


#6
Aniline
Concen: 33.129 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26



Tgt Ion: 93 Resp: 226099
Ion Ratio Lower Upper
93 100
66 93.0 35.4 53.0#
65 57.9 18.6 27.8#





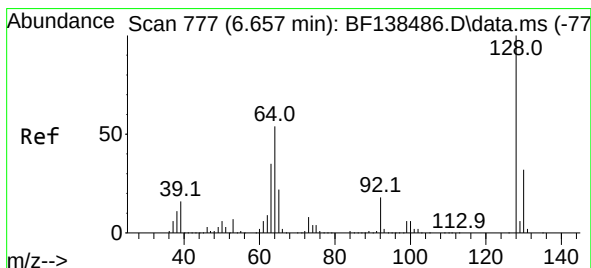
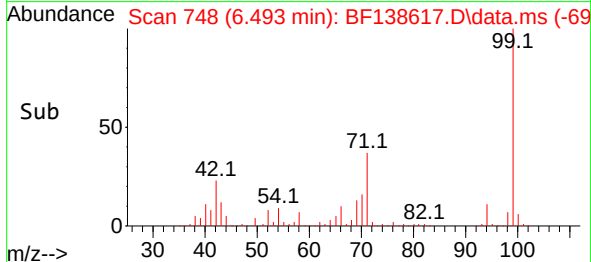
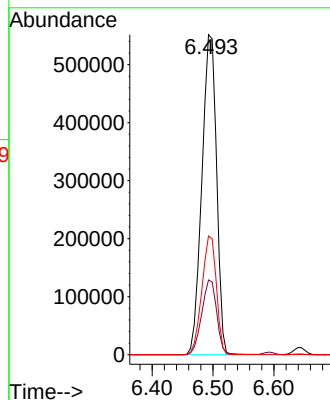
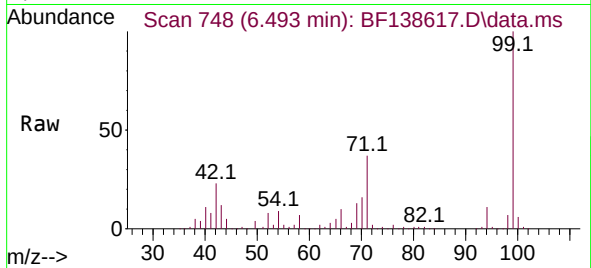
#7
Phenol-d6
Concen: 127.155 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB162084BS

Tgt Ion: 99 Resp: 926490
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 37.1 29.9 44.9

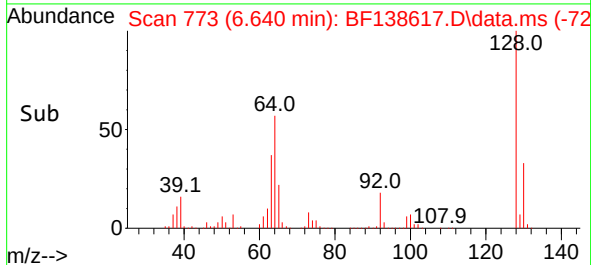
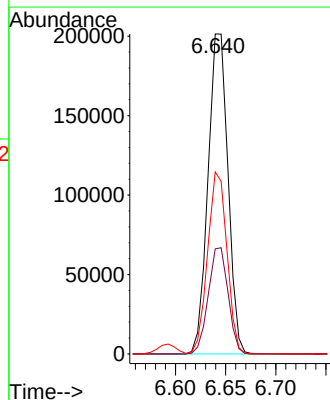
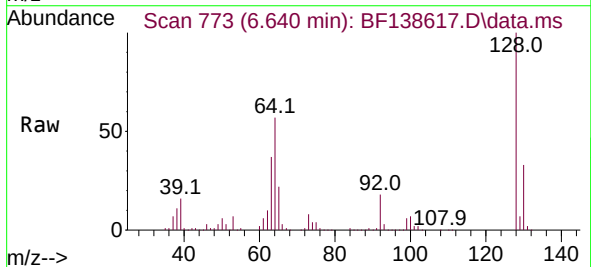
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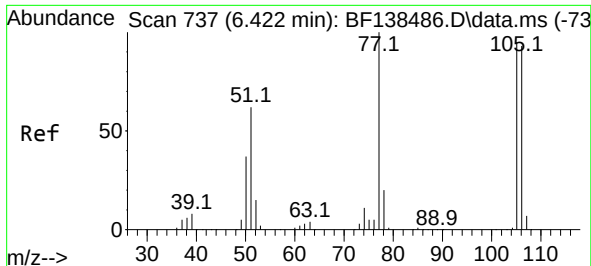
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#8
2-Chlorophenol
Concen: 48.217 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:128 Resp: 279252
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 56.9 34.4 74.4





#9

Benzaldehyde

Concen: 6.008 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

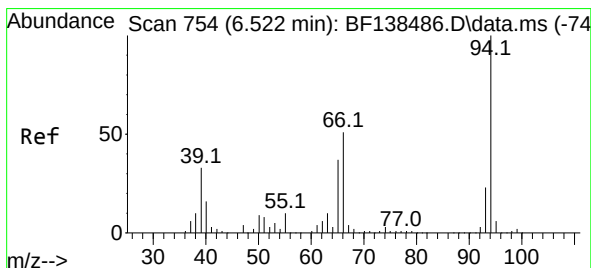
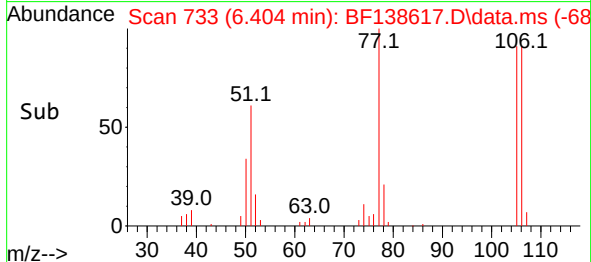
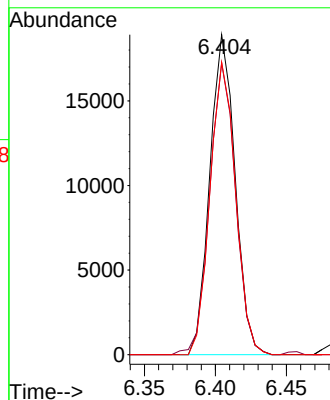
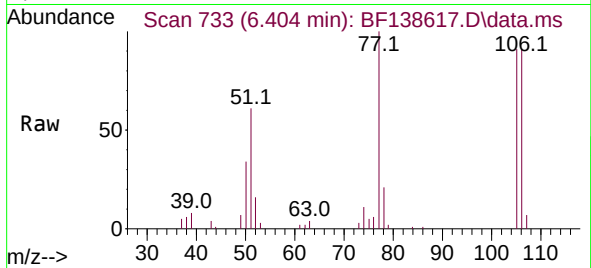
PB162084BS

Tgt Ion: 77	Resp: 2343
Ion Ratio	Lower Upper
77 100	
105 91.1	75.1 115.1
106 91.4	73.2 113.2

Manual Integrations

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Supervised By :mohammad ahmed 07/30/2024



#10

Phenol

Concen: 46.067 ng

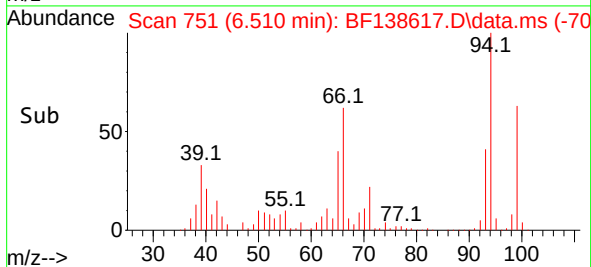
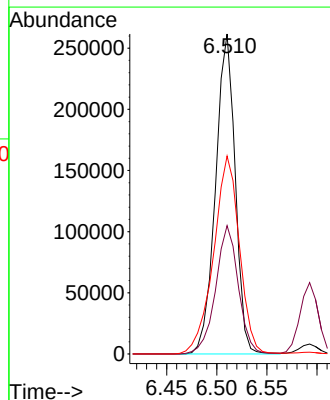
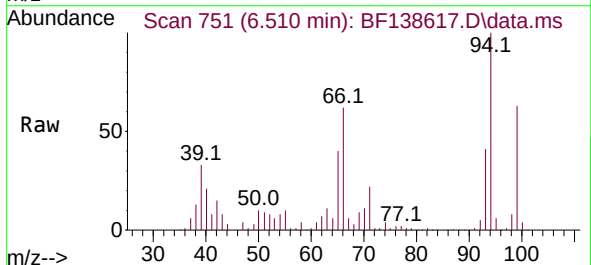
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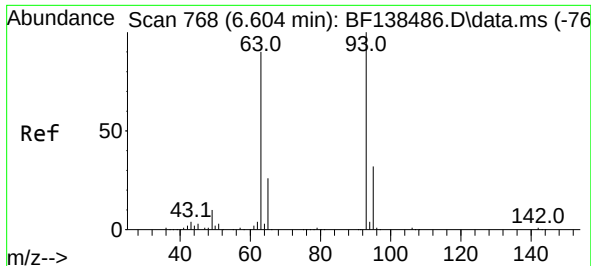
Delta R.T. -0.011 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Tgt Ion: 94	Resp: 356281
Ion Ratio	Lower Upper
94 100	
65 40.1	16.7 56.7
66 61.8	31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 47.598 ng
RT: 6.593 min Scan# 709
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

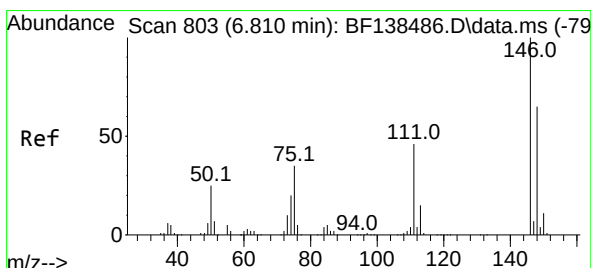
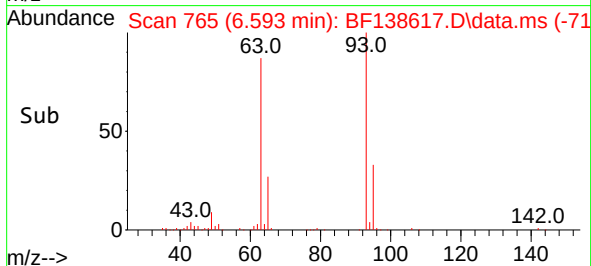
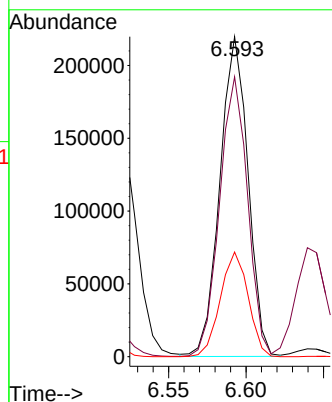
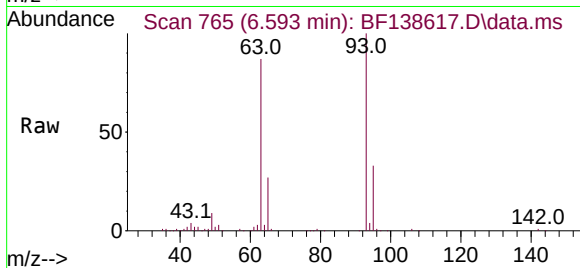
ClientSampleId :

PB162084BS

Tgt Ion: 93 Resp: 27716
Ion Ratio Lower Upper
93 100
63 87.4 68.8 108.8
95 32.7 11.8 51.8

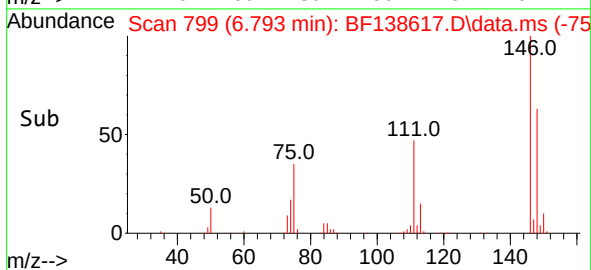
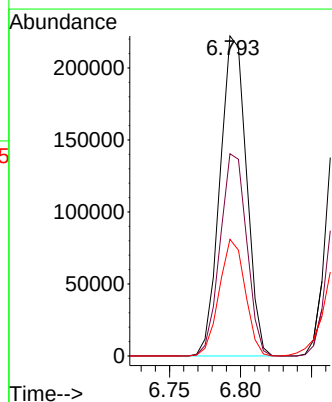
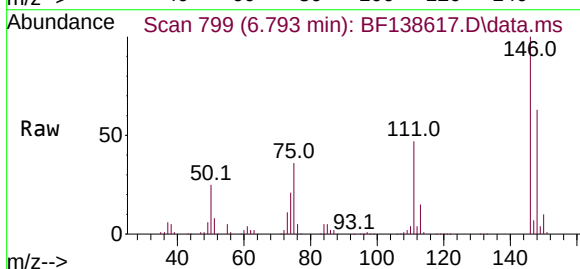
Manual Integrations
APPROVED

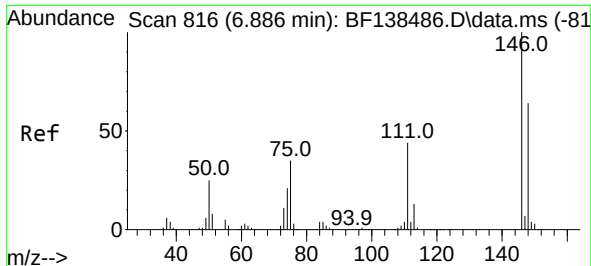
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#12
1,3-Dichlorobenzene
Concen: 44.240 ng
RT: 6.793 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:146 Resp: 288006
Ion Ratio Lower Upper
146 100
148 63.2 52.4 78.6
75 36.5 27.8 41.8





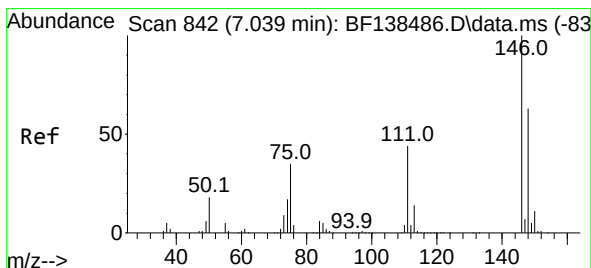
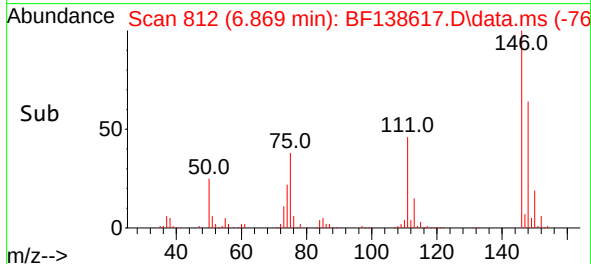
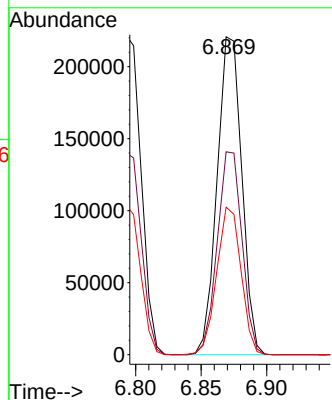
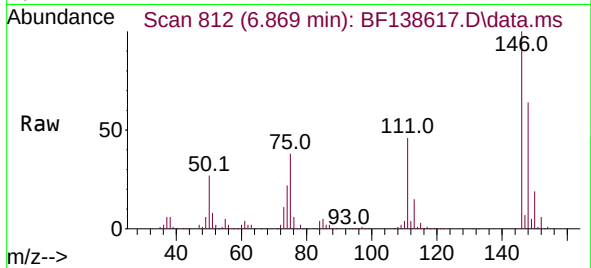
#13
1,4-Dichlorobenzene
Concen: 43.702 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB162084BS

Tgt Ion:146 Resp: 28890
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 46.4 34.9 52.3

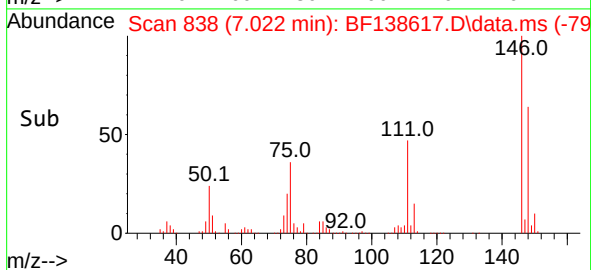
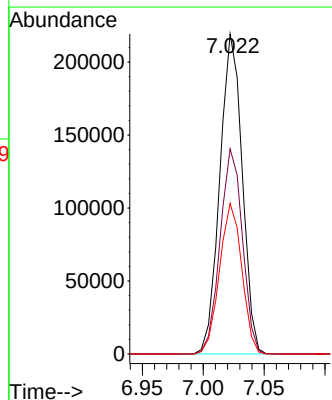
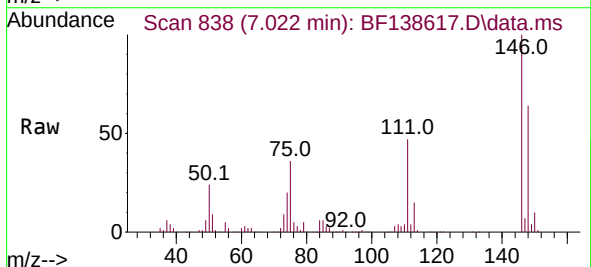
Manual Integrations
APPROVED

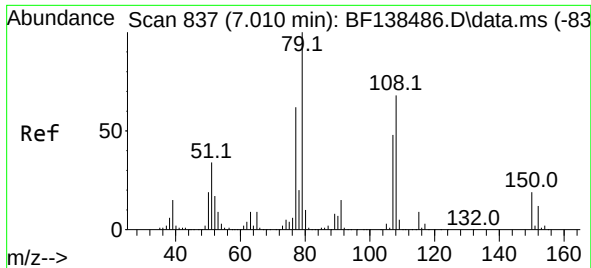
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#14
1,2-Dichlorobenzene
Concen: 45.528 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:146 Resp: 280322
Ion Ratio Lower Upper
146 100
148 64.1 50.1 75.1
111 47.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 47.732 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

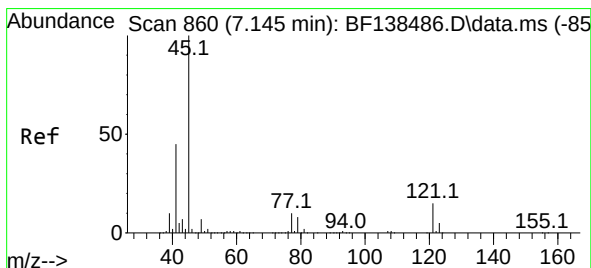
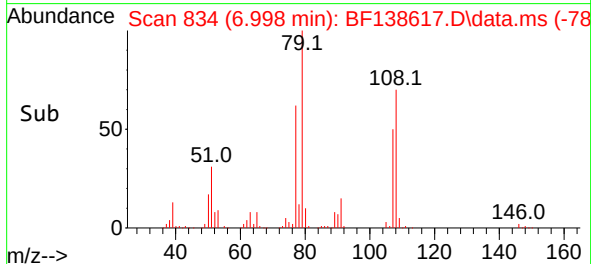
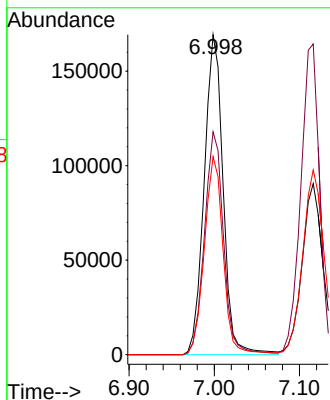
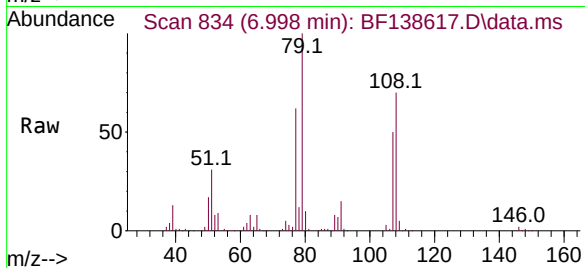
PB162084BS

Tgt Ion: 79 Resp: 26101
Ion Ratio Lower Upper
79 100
108 69.7 54.3 81.5
77 61.9 50.0 75.0

Manual Integrations

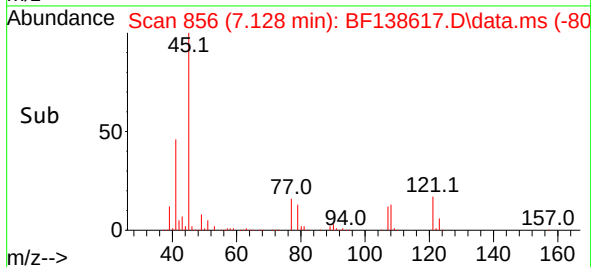
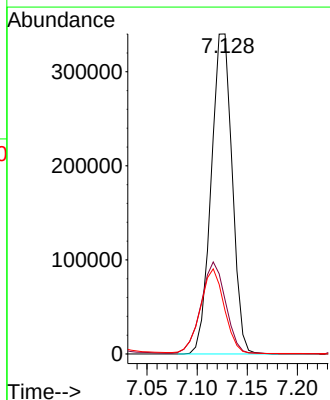
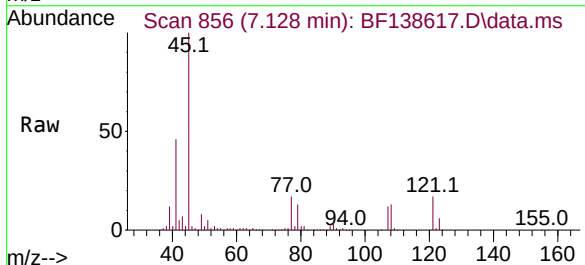
APPROVED

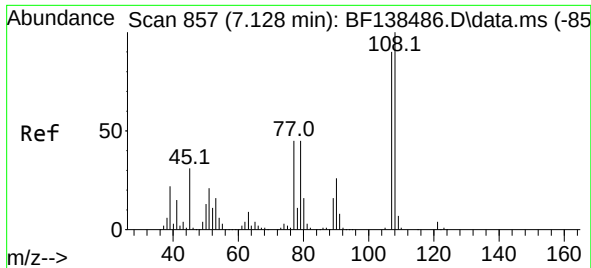
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.249 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion: 45 Resp: 495246
Ion Ratio Lower Upper
45 100
77 16.9 0.0 30.4
79 13.5 0.0 28.1





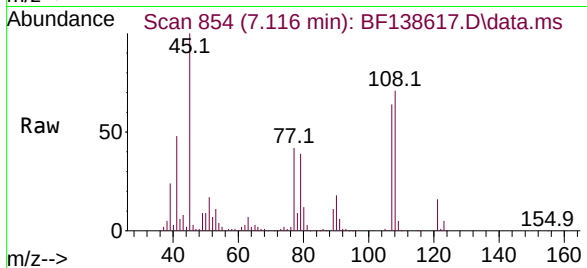
#17
2-Methylphenol
Concen: 47.427 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

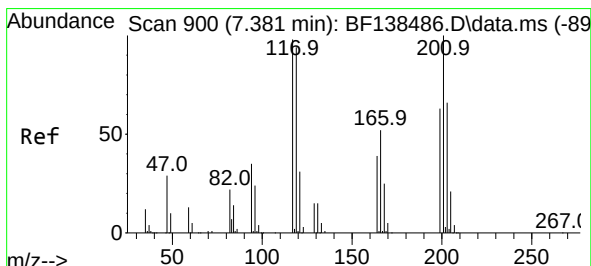
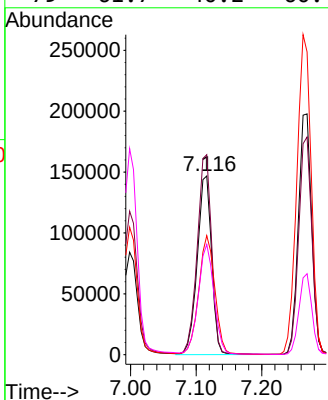
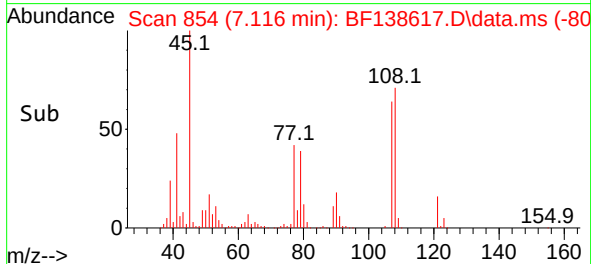


Tgt Ion:107 Resp: 22511
Ion Ratio Lower Upper
107 100
108 111.9 89.0 133.4
77 66.6 40.3 60.5
79 61.7 40.2 60.4

Manual Integrations

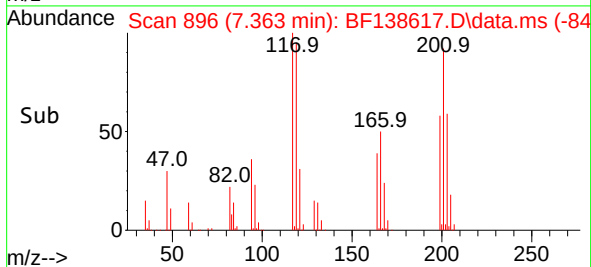
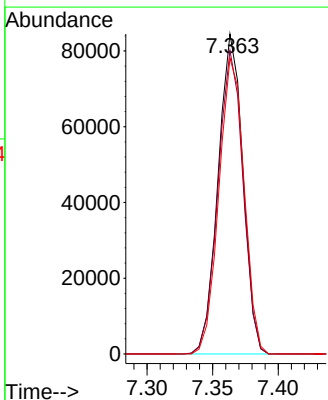
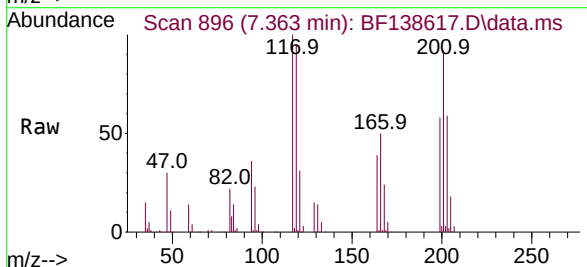
APPROVED

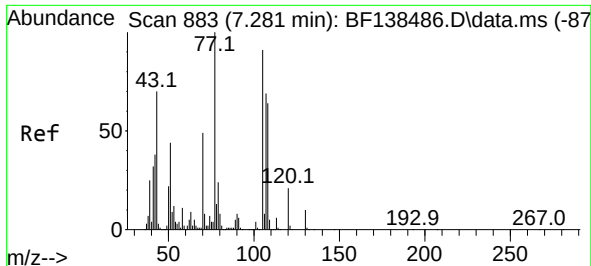
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#18
Hexachloroethane
Concen: 45.628 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:117 Resp: 110891
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8
201 92.5 81.4 122.0





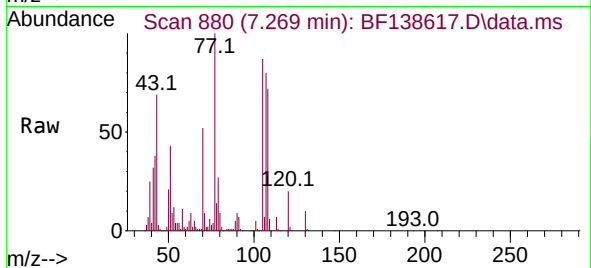
#19
n-Nitroso-di-n-propylamine
Concen: 46.965 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

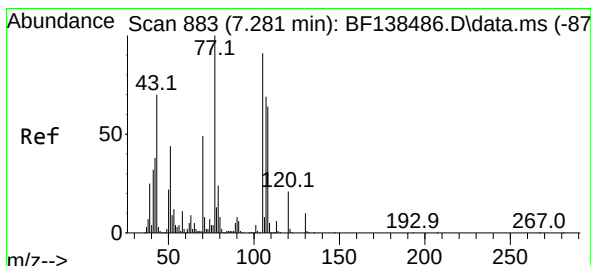
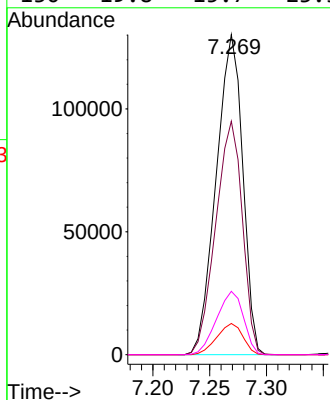
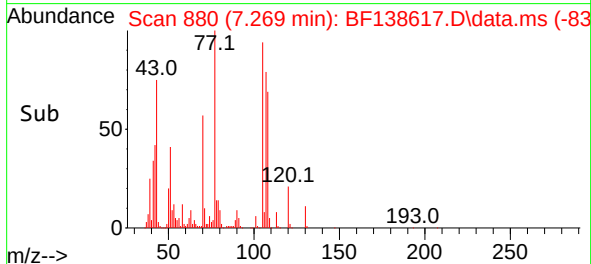


Tgt Ion: 70 Resp: 21144
Ion Ratio Lower Upper
70 100
42 73.0 62.4 93.6
101 9.8 7.2 10.8
130 19.8 15.7 23.5

Manual Integrations

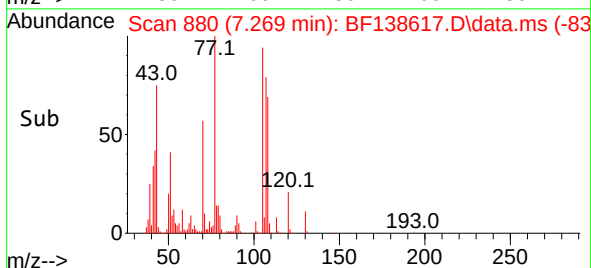
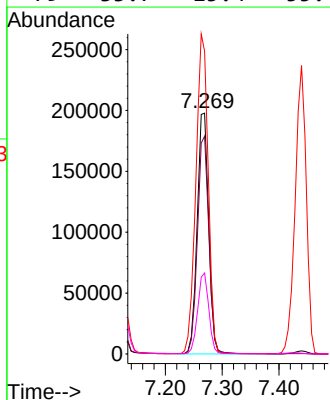
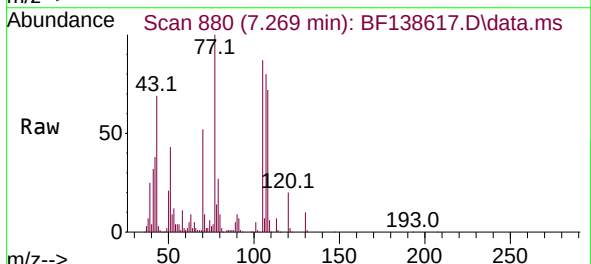
APPROVED

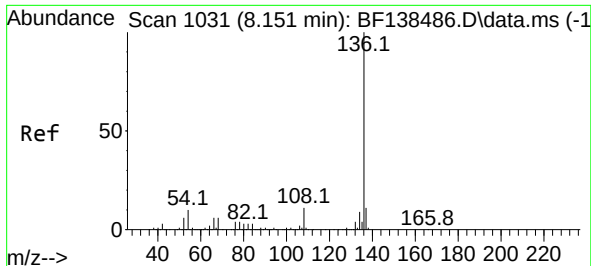
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#20
3+4-Methylphenols
Concen: 46.757 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:107 Resp: 279472
Ion Ratio Lower Upper
107 100
108 90.4 73.7 113.7
77 125.7 126.0 166.0#
79 33.7 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: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

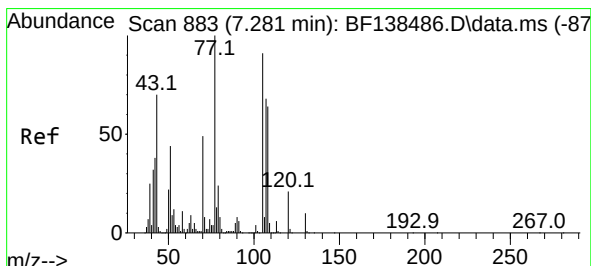
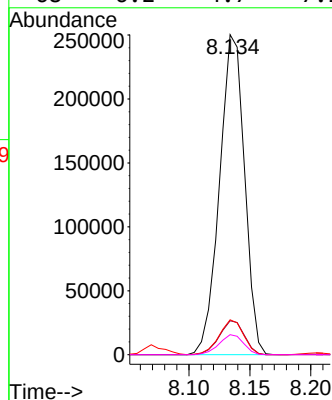
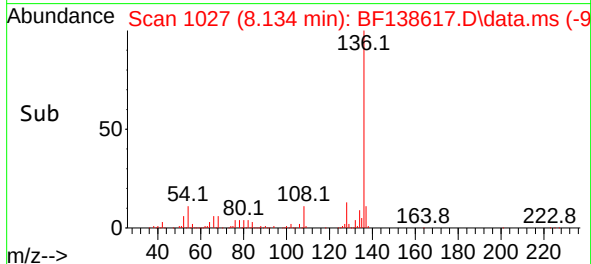
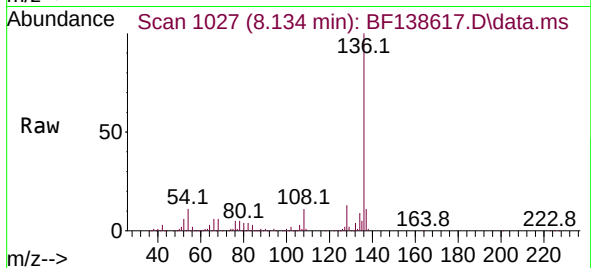
PB162084BS

Tgt Ion:136 Resp: 35795
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.9 8.1 12.1
68 6.2 4.7 7.1

Manual Integrations

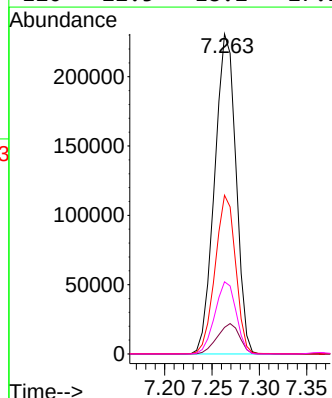
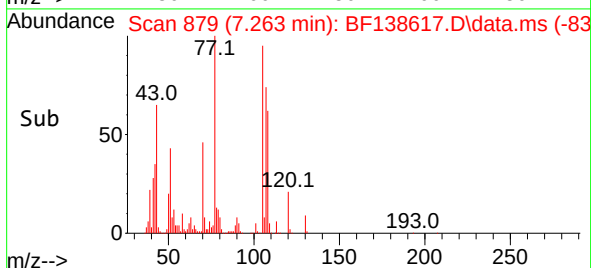
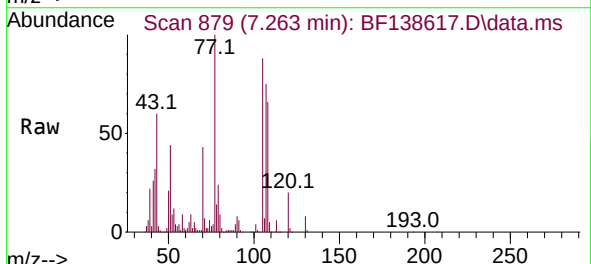
APPROVED

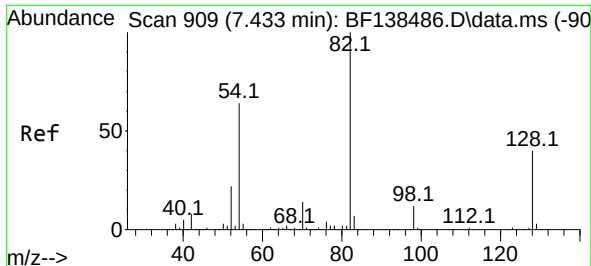
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#22
Acetophenone
Concen: 41.609 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:105 Resp: 361738
Ion Ratio Lower Upper
105 100
71 8.3 7.4 11.2
51 49.6 38.7 58.1
120 22.5 18.2 27.2





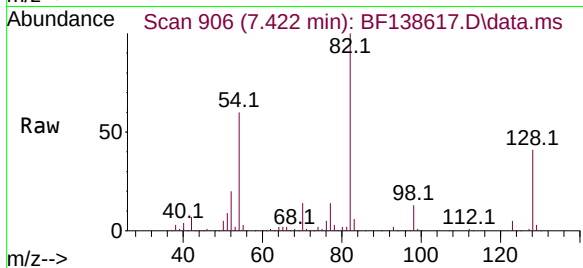
#23
Nitrobenzene-d5
Concen: 83.089 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

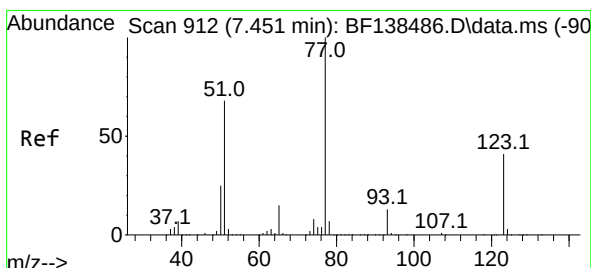
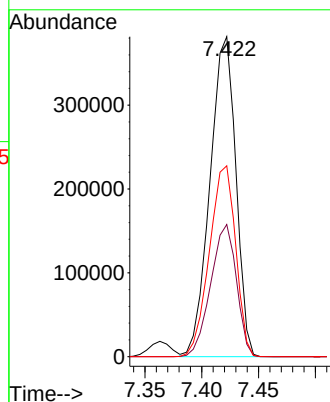
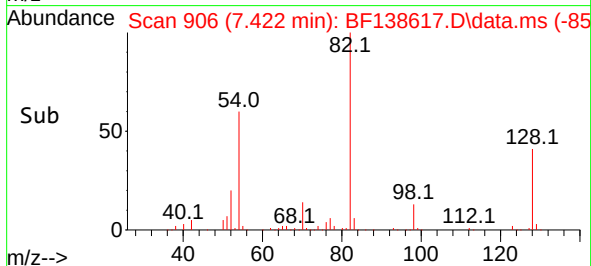


Tgt Ion: 82 Resp: 605780
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 59.7 51.4 77.0

Manual Integrations

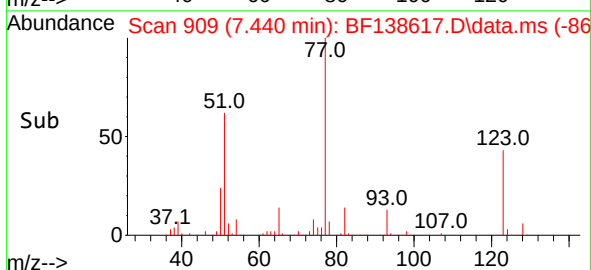
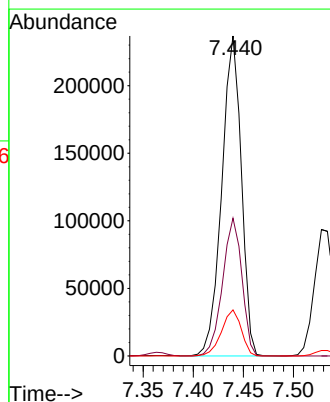
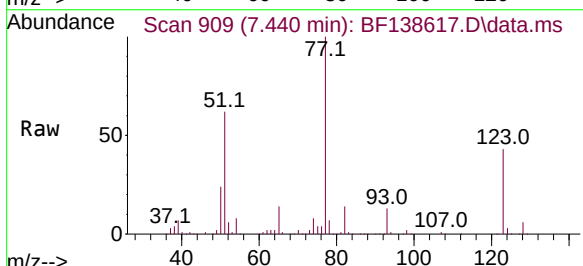
APPROVED

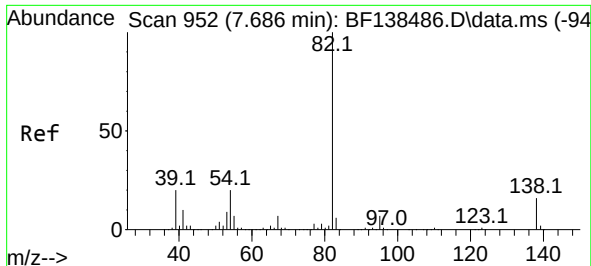
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#24
Nitrobenzene
Concen: 43.313 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion: 77 Resp: 320903
Ion Ratio Lower Upper
77 100
123 43.1 32.4 48.6
65 14.4 11.8 17.8





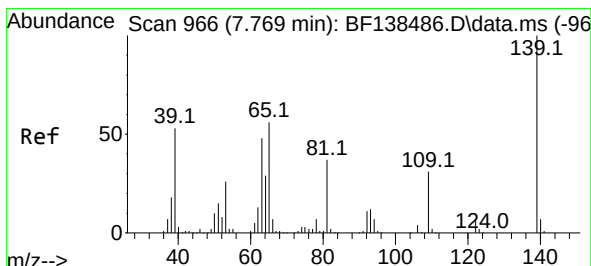
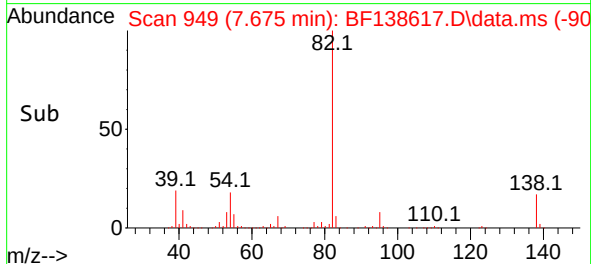
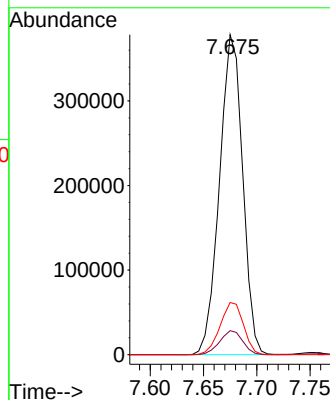
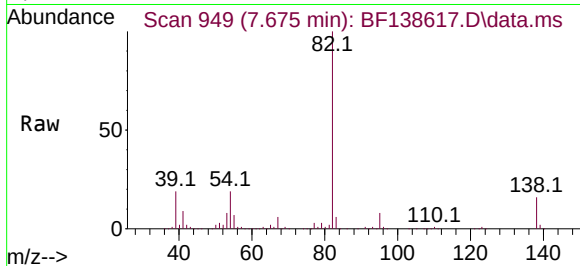
#25
Isophorone
Concen: 45.622 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB162084BS

Tgt Ion: 82 Resp: 571204
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.3 12.8 19.2

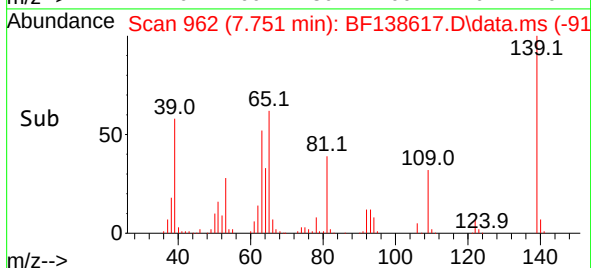
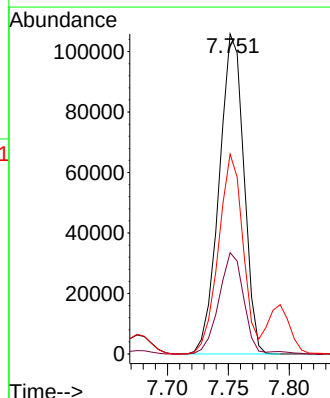
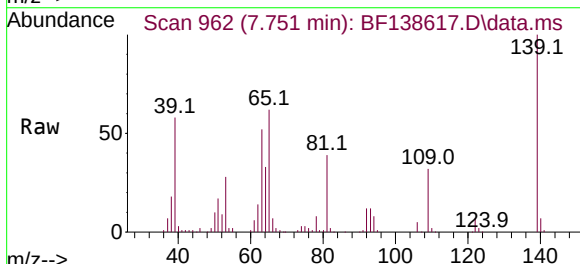
Manual Integrations
APPROVED

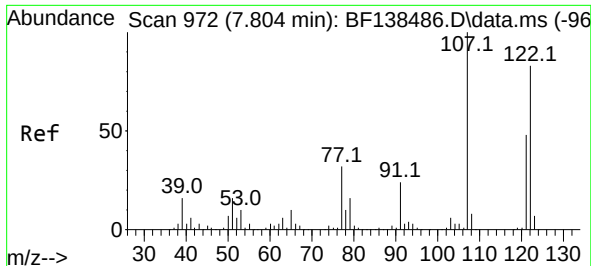
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#26
2-Nitrophenol
Concen: 47.070 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:139 Resp: 149469
Ion Ratio Lower Upper
139 100
109 31.7 24.8 37.2
65 62.5 45.1 67.7





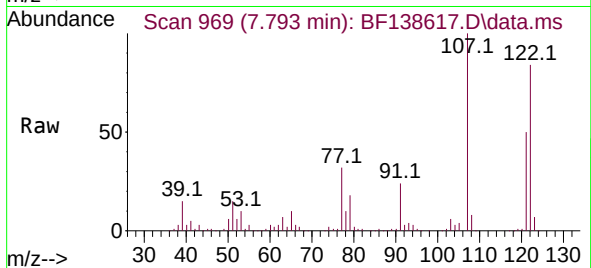
#27
2,4-Dimethylphenol
Concen: 49.622 ng m
RT: 7.793 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

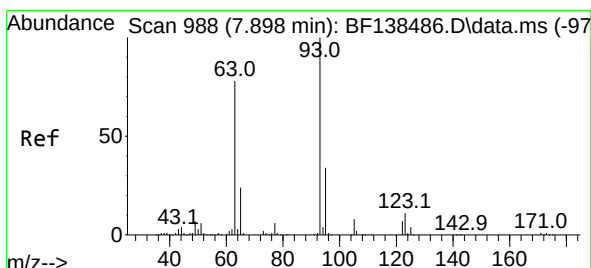
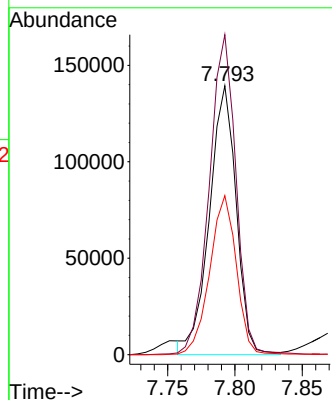
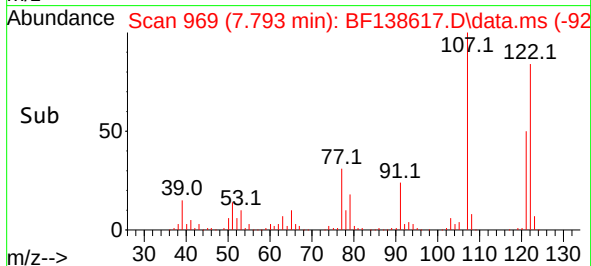


Tgt Ion:122 Resp: 193660
Ion Ratio Lower Upper
122 100
107 119.0 96.3 144.5
121 59.1 46.7 70.1

Manual Integrations

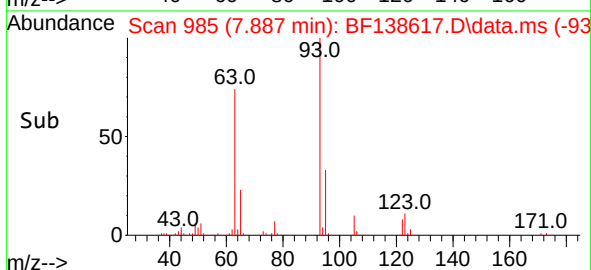
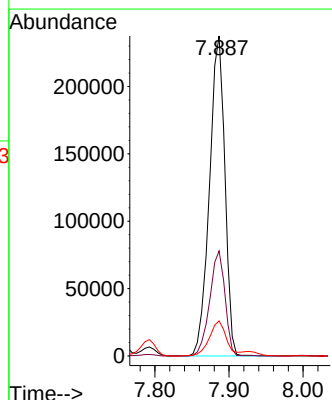
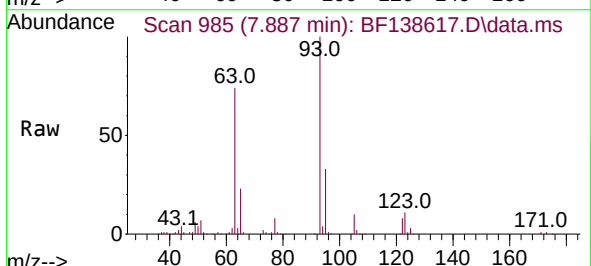
APPROVED

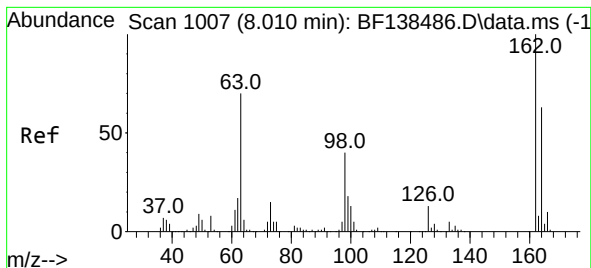
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.815 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion: 93 Resp: 342816
Ion Ratio Lower Upper
93 100
95 32.8 27.0 40.6
123 10.9 9.1 13.7





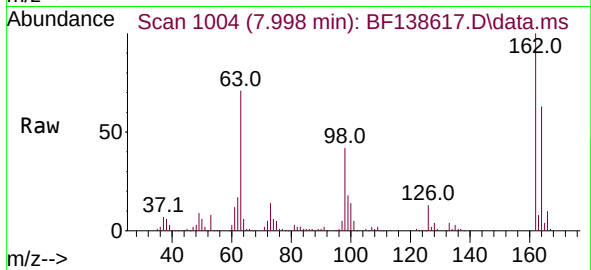
#29
2,4-Dichlorophenol
Concen: 44.290 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

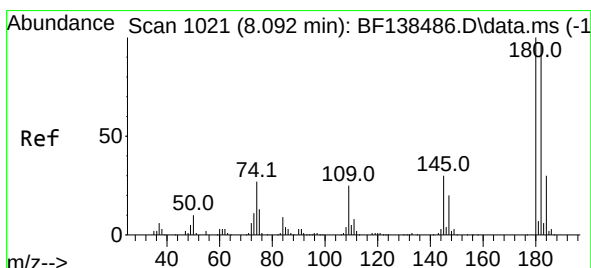
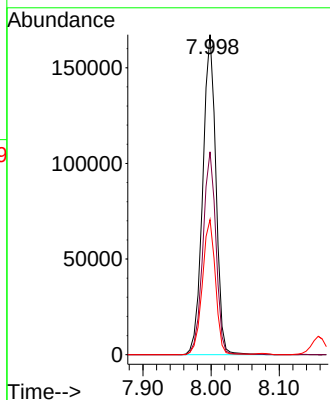
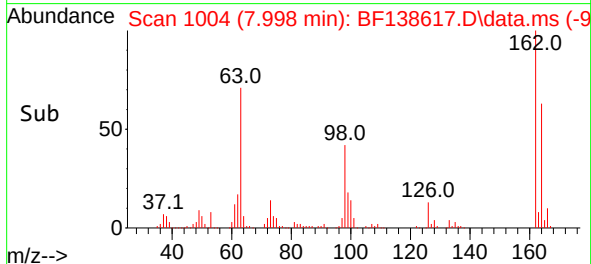


Tgt Ion:162 Resp: 224469
Ion Ratio Lower Upper
162 100
164 63.4 42.6 82.6
98 42.2 20.1 60.1

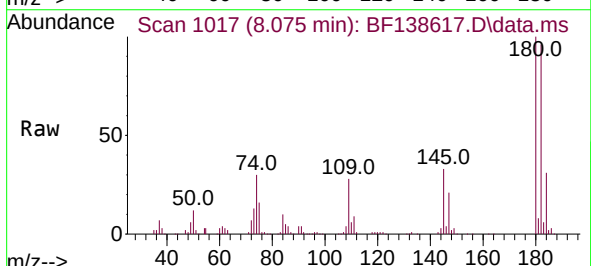
Manual Integrations

APPROVED

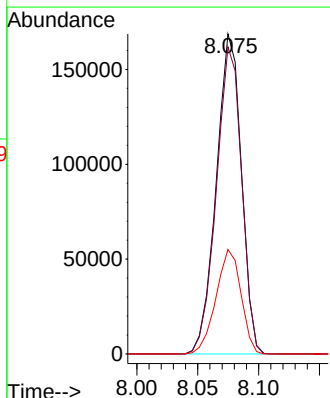
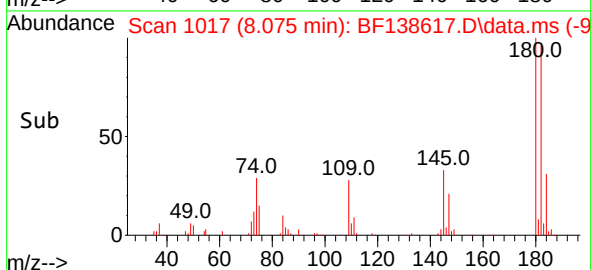
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

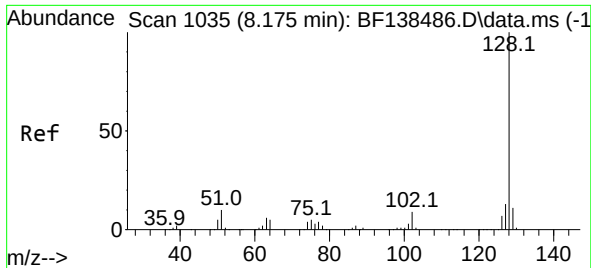


#30
1,2,4-Trichlorobenzene
Concen: 40.947 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26



Tgt Ion:180 Resp: 241759
Ion Ratio Lower Upper
180 100
182 95.9 76.9 115.3
145 32.6 23.9 35.9





#31
Naphthalene
Concen: 43.961 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

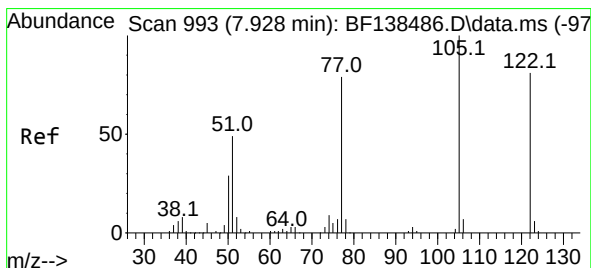
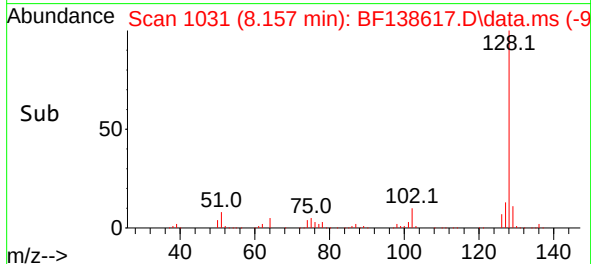
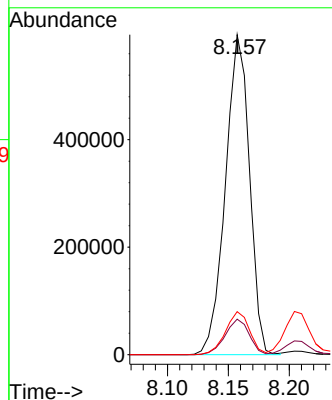
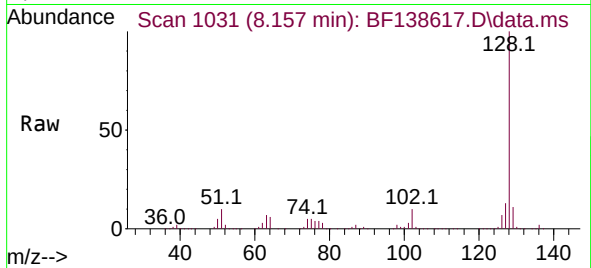
PB162084BS

Tgt Ion:128 Resp: 818410
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1

Manual Integrations

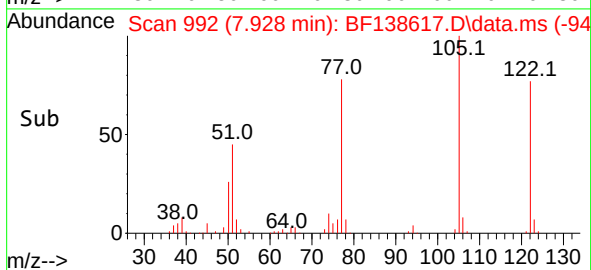
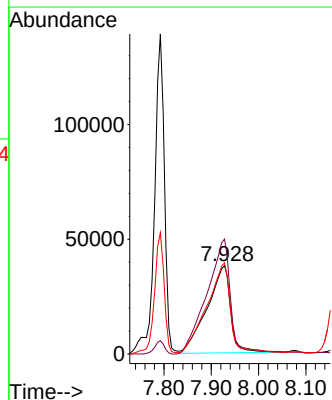
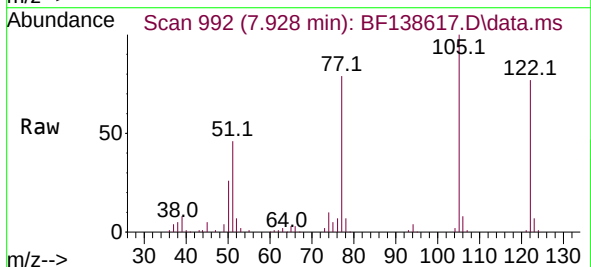
APPROVED

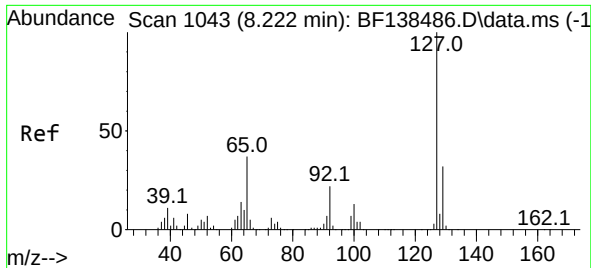
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#32
Benzoic acid
Concen: 34.978 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:122 Resp: 130204
Ion Ratio Lower Upper
122 100
105 130.0 101.5 141.5
77 103.0 77.3 117.3





#33
4-Chloroaniline
Concen: 18.937 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

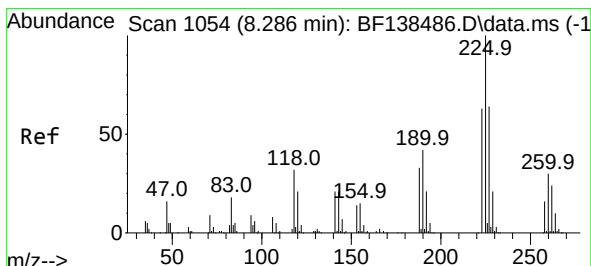
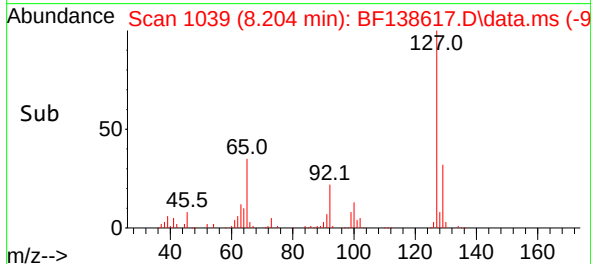
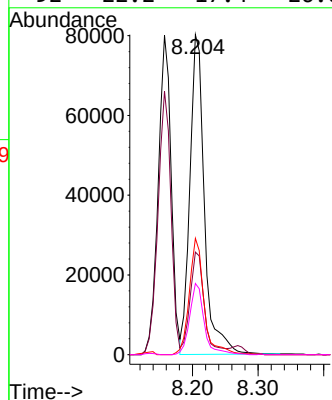
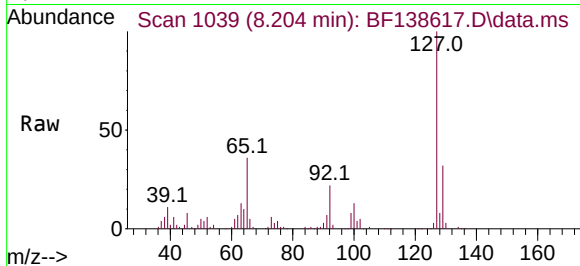
PB162084BS

Tgt Ion:127 Resp: 123694
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 36.4 29.6 44.4
92 22.2 17.4 26.0

Manual Integrations

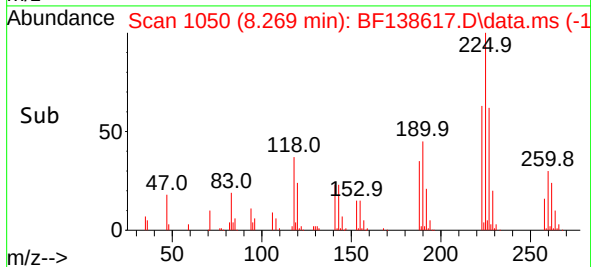
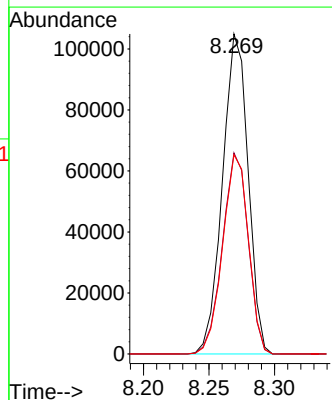
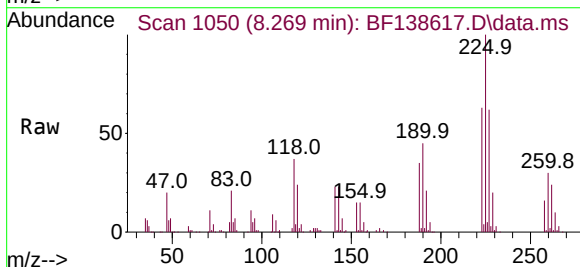
APPROVED

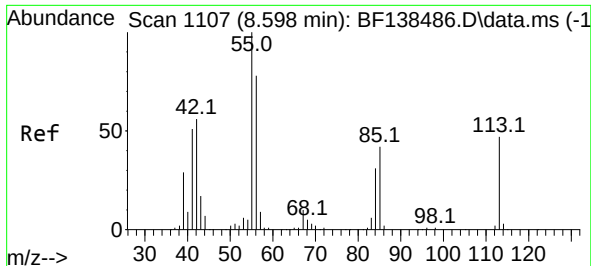
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#34
Hexachlorobutadiene
Concen: 39.187 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

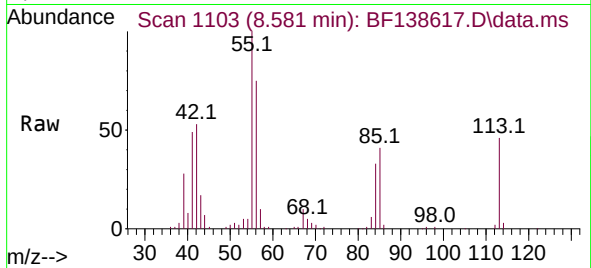
Tgt Ion:225 Resp: 142473
Ion Ratio Lower Upper
225 100
223 62.8 50.0 75.0
227 62.3 51.0 76.6





#35
Caprolactam
Concen: 41.304 ng m
RT: 8.581 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

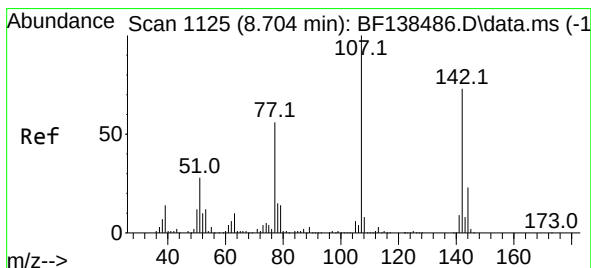
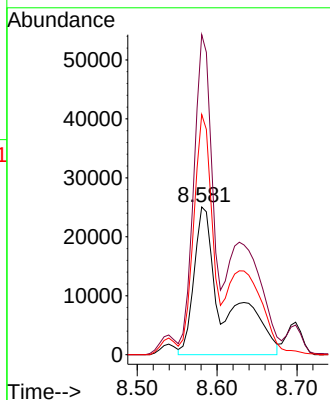
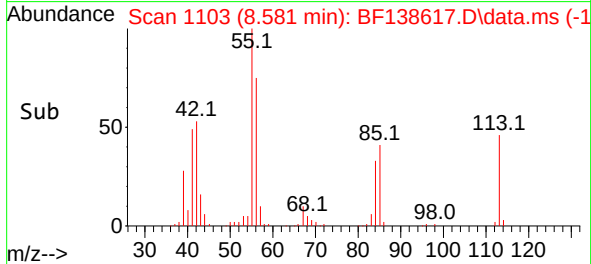
Instrument :
BNA_F
ClientSampleId :
PB162084BS



Tgt Ion:113 Resp: 6755
Ion Ratio Lower Upper
113 100
55 216.7 192.5 232.5
56 162.7 145.3 185.3

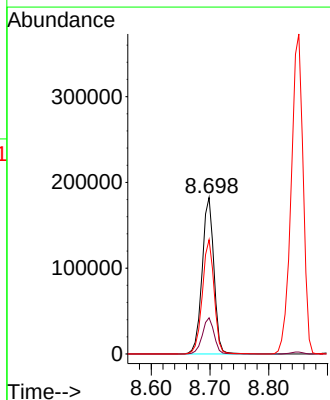
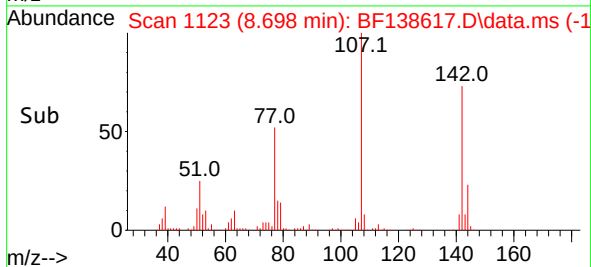
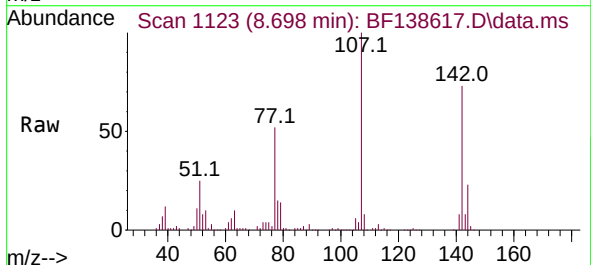
Manual Integrations
APPROVED

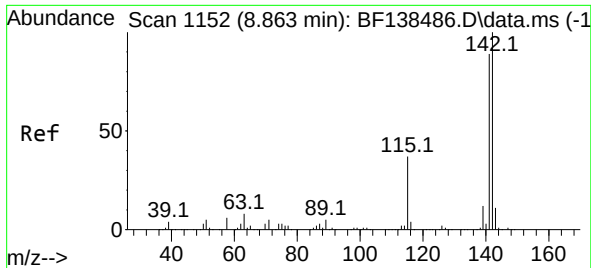
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#36
4-Chloro-3-methylphenol
Concen: 44.888 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:107 Resp: 254697
Ion Ratio Lower Upper
107 100
144 23.2 18.6 27.8
142 73.0 58.6 88.0





#37
2-Methylnaphthalene
Concen: 43.743 ng
RT: 8.851 min Scan# 1152
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

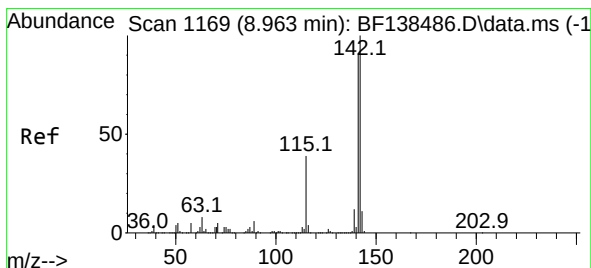
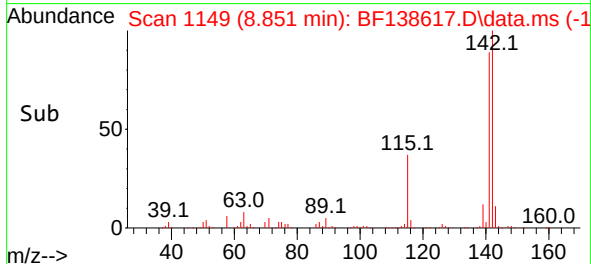
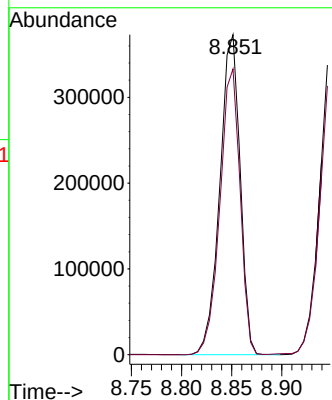
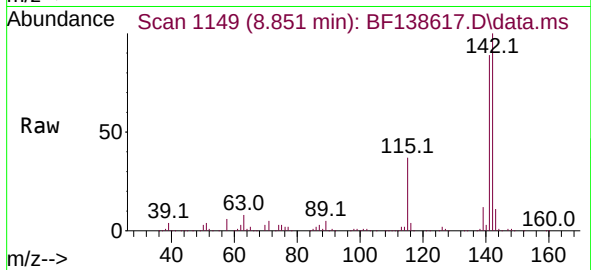
PB162084BS

Tgt Ion:142 Resp: 524050
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0

Manual Integrations

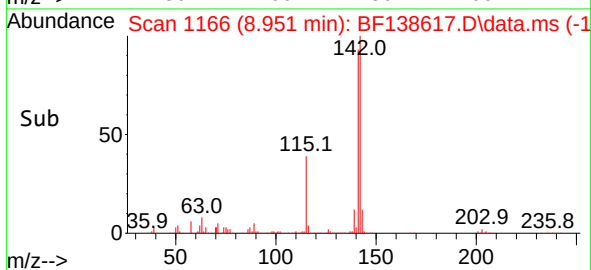
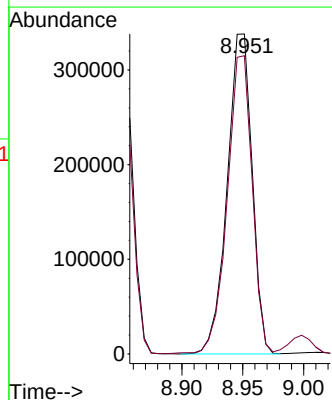
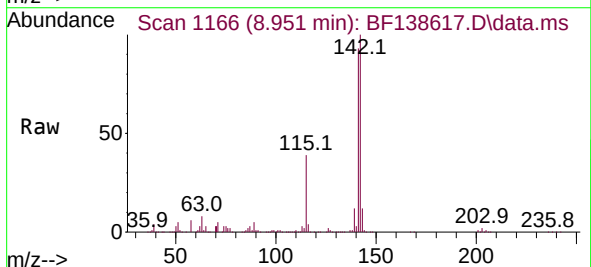
APPROVED

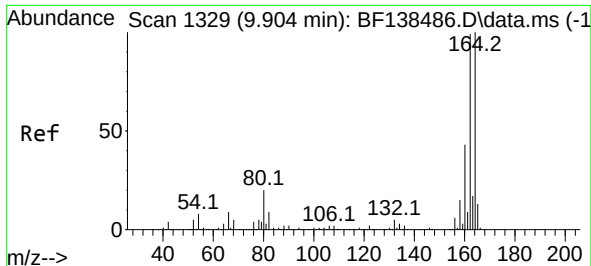
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#38
1-Methylnaphthalene
Concen: 41.298 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:142 Resp: 482864
Ion Ratio Lower Upper
142 100
141 93.2 72.6 108.8





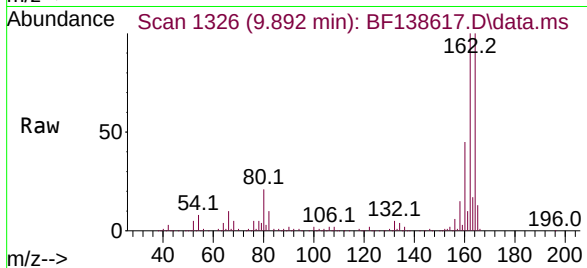
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

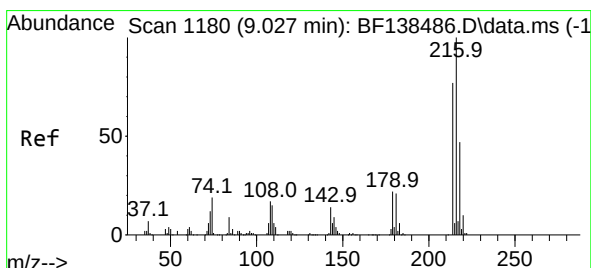
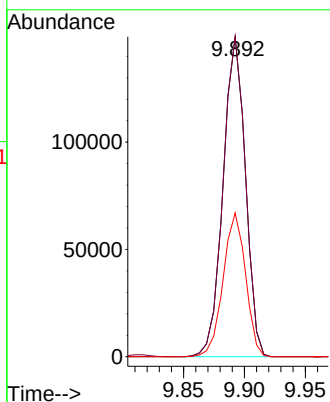
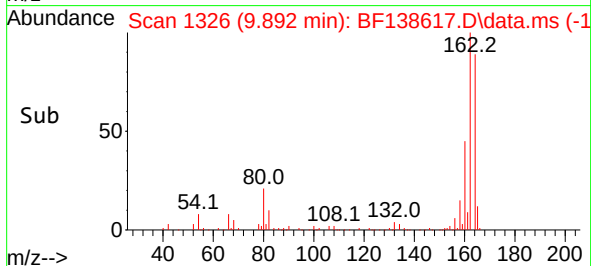


Tgt Ion:164 Resp: 189830
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.6
160 45.0 34.4 51.6

Manual Integrations

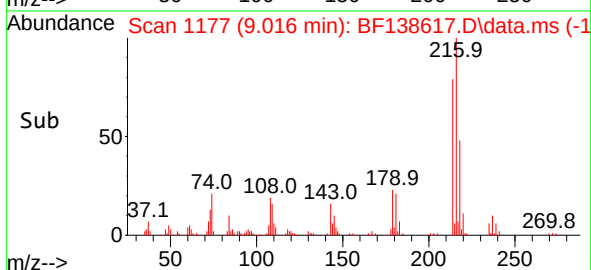
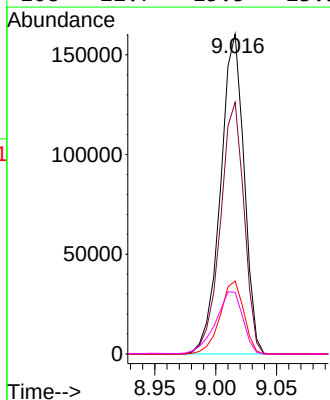
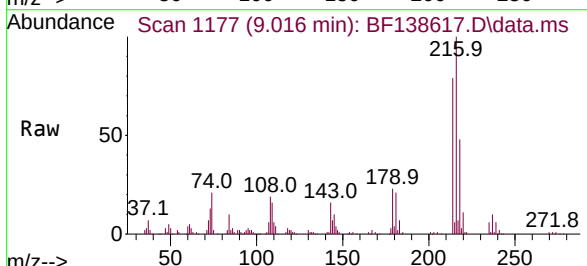
APPROVED

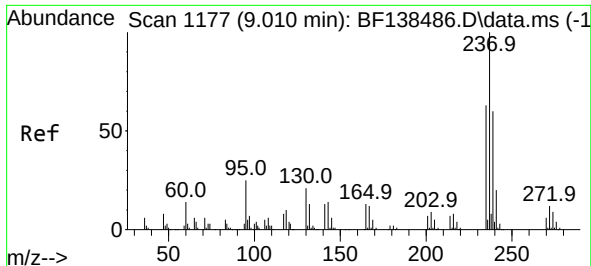
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.755 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

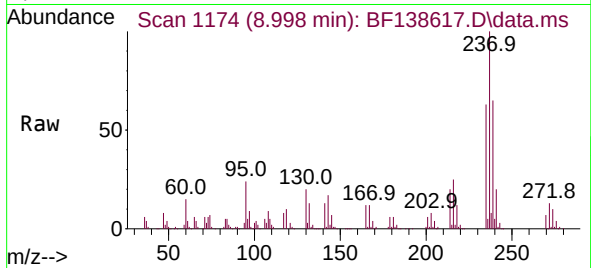
Tgt Ion:216 Resp: 215621
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 22.9 17.7 26.5
108 22.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 117.968 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

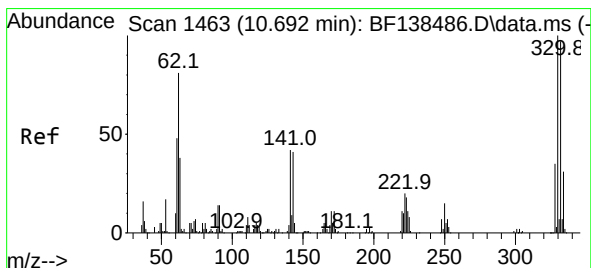
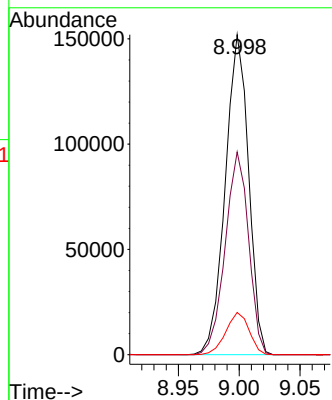
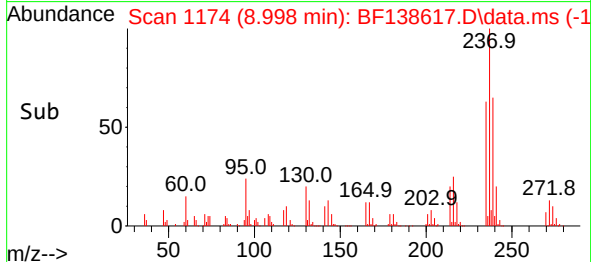
Instrument :
BNA_F
ClientSampleId :
PB162084BS



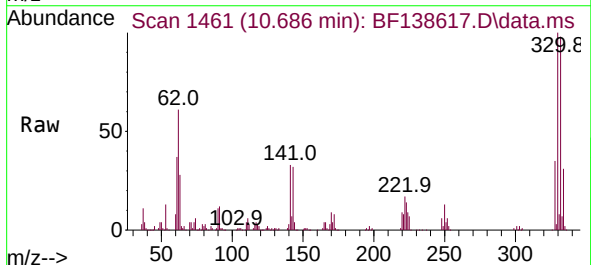
Tgt Ion:237 Resp: 20258
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.2 0.0 32.3

Manual Integrations
APPROVED

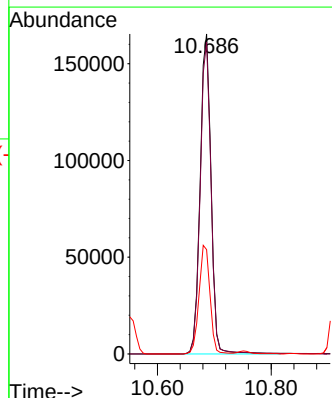
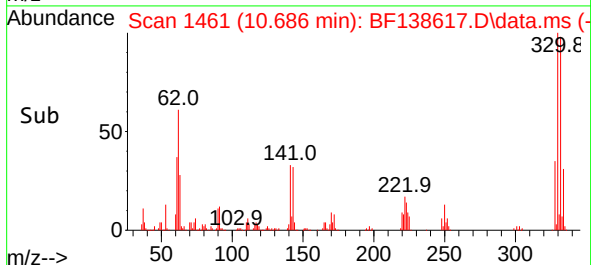
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

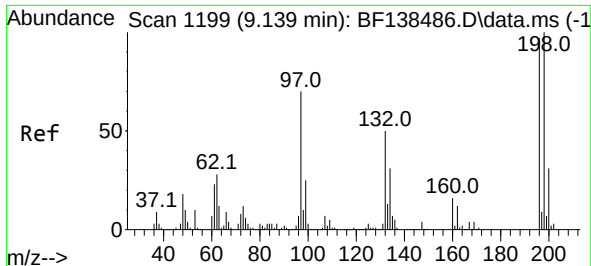


#42
2,4,6-Tribromophenol
Concen: 124.479 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26



Tgt Ion:330 Resp: 220845
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 34.3 29.4 44.2





#43
 2,4,6-Trichlorophenol
 Concen: 43.800 ng
 RT: 9.128 min Scan# 1196
 Delta R.T. -0.011 min
 Lab File: BF138617.D
 Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

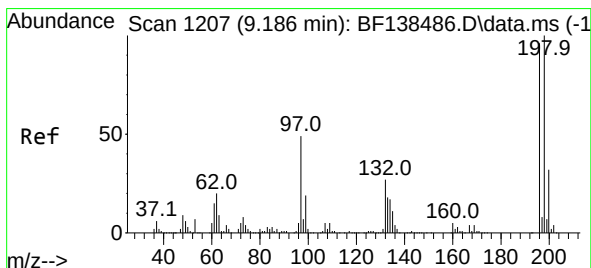
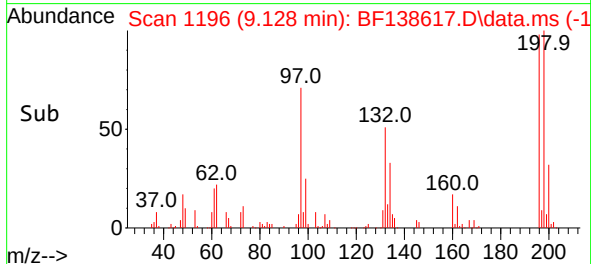
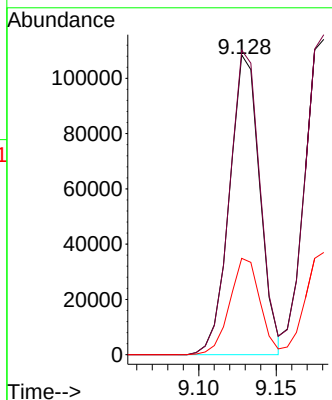
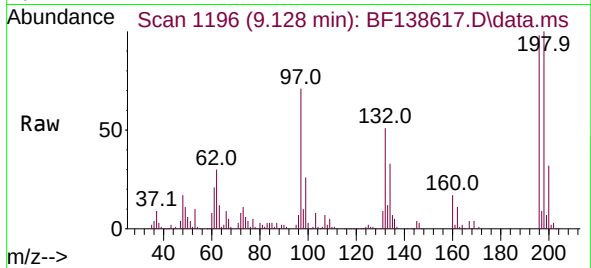
PB162084BS

Tgt Ion:196 Resp: 147818
 Ion Ratio Lower Upper
 196 100
 198 101.6 82.3 123.5
 200 32.1 25.8 38.6

Manual Integrations

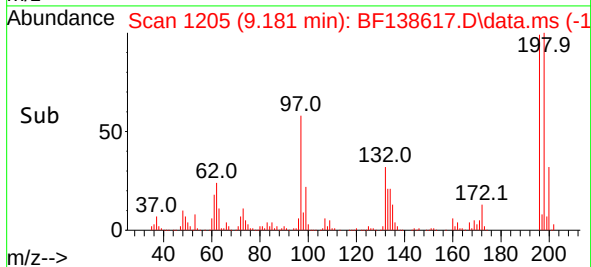
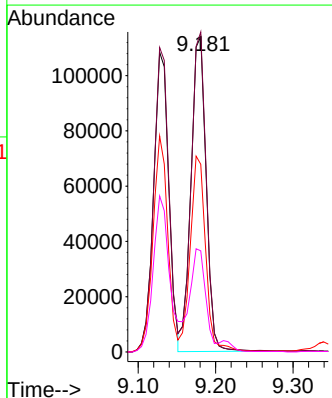
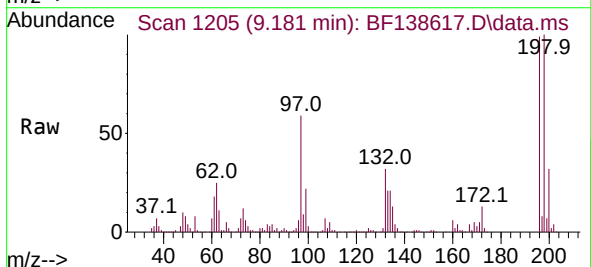
APPROVED

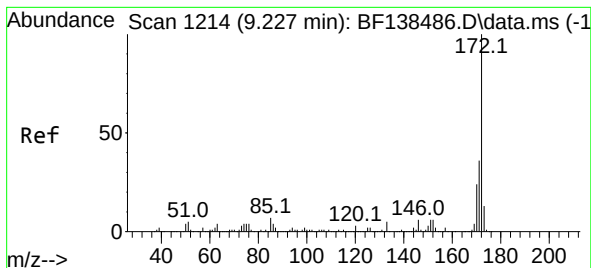
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024



#44
 2,4,5-Trichlorophenol
 Concen: 41.862 ng
 RT: 9.181 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF138617.D
 Acq: 23 Jul 2024 14:26

Tgt Ion:196 Resp: 155386
 Ion Ratio Lower Upper
 196 100
 198 101.5 82.8 124.2
 97 59.5 41.0 61.4
 132 32.1 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 83.431 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Tgt Ion:172 Resp: 1013350

Ion Ratio Lower Upper

172 100

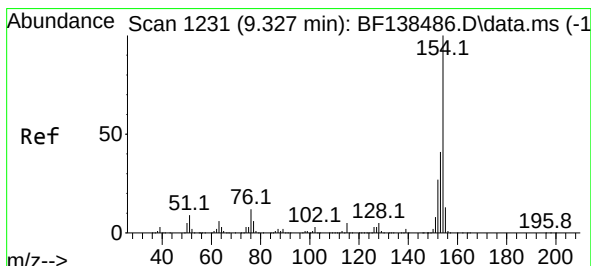
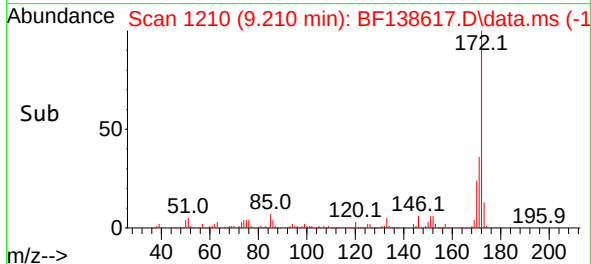
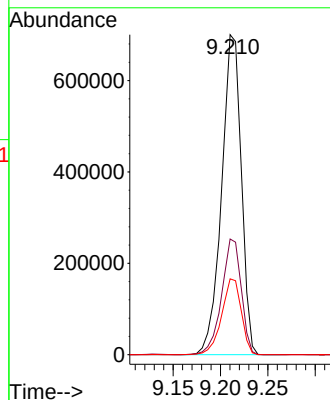
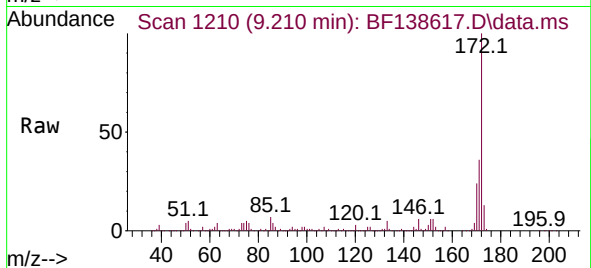
171 36.1 28.9 43.3

170 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#46

1,1'-Biphenyl

Concen: 41.688 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.011 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

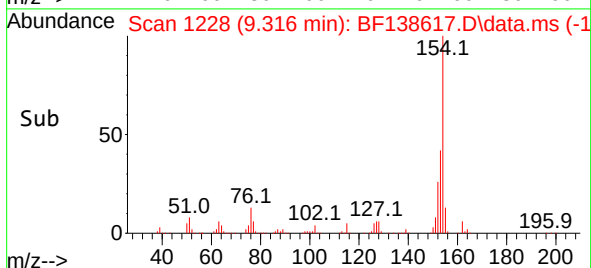
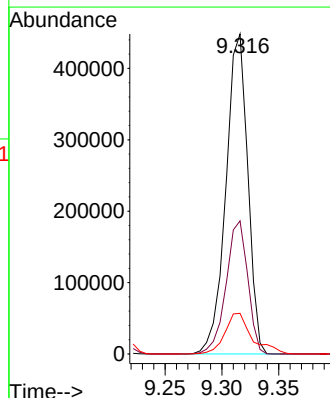
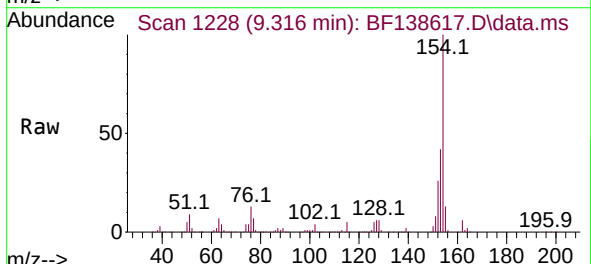
Tgt Ion:154 Resp: 599736

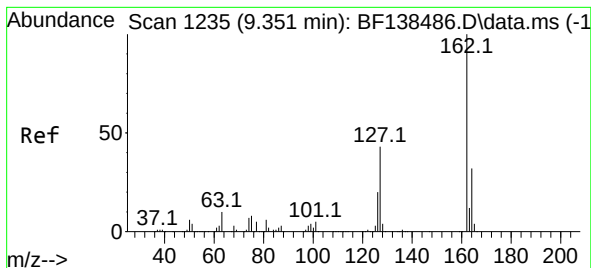
Ion Ratio Lower Upper

154 100

153 41.6 20.7 60.7

76 12.7 0.0 32.2





#47
2-Chloronaphthalene
Concen: 44.348 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

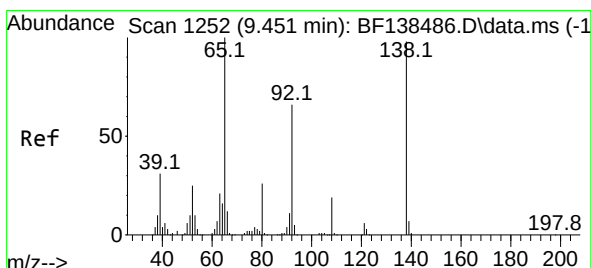
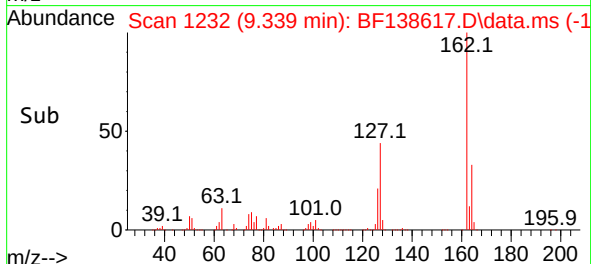
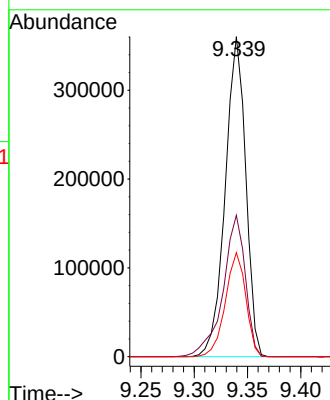
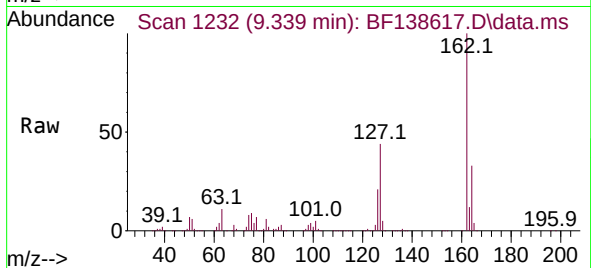
PB162084BS

Tgt Ion:162 Resp: 481978
Ion Ratio Lower Upper
162 100
127 44.2 34.8 52.2
164 32.5 25.6 38.4

Manual Integrations

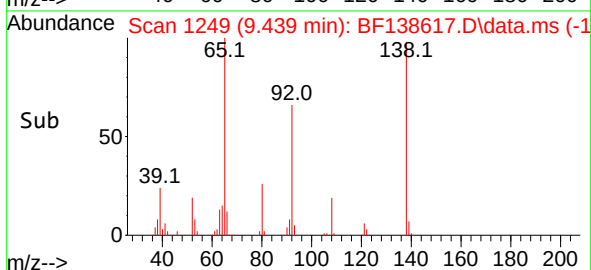
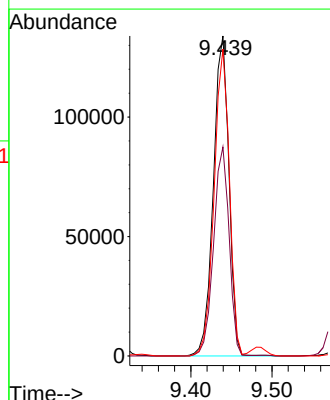
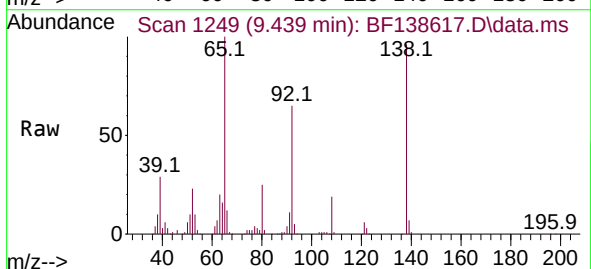
APPROVED

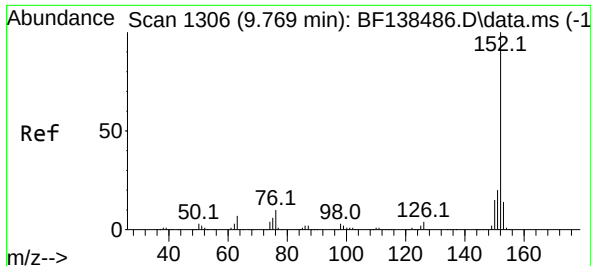
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#48
2-Nitroaniline
Concen: 47.387 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion: 65 Resp: 178465
Ion Ratio Lower Upper
65 100
92 65.3 52.6 78.8
138 95.9 78.6 118.0





#49
Acenaphthylene
Concen: 48.874 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

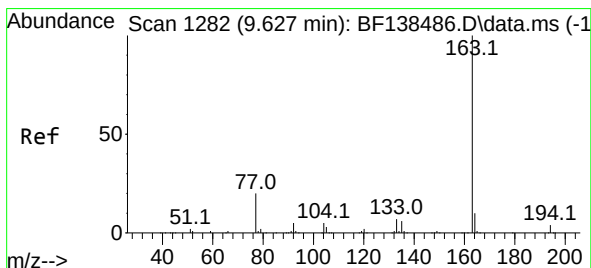
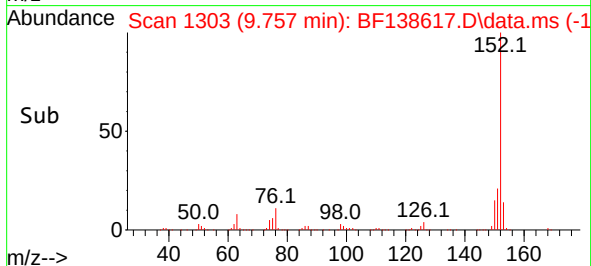
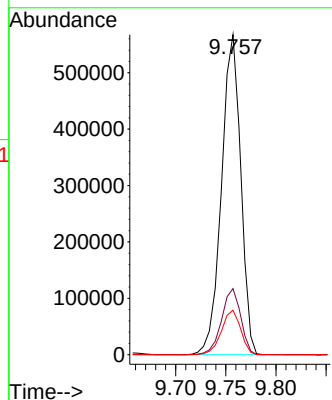
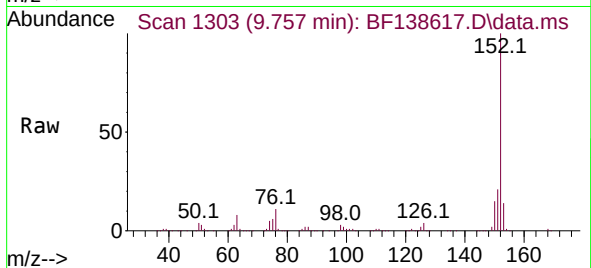
PB162084BS

Tgt Ion:152 Resp: 754129
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.3 16.9

Manual Integrations

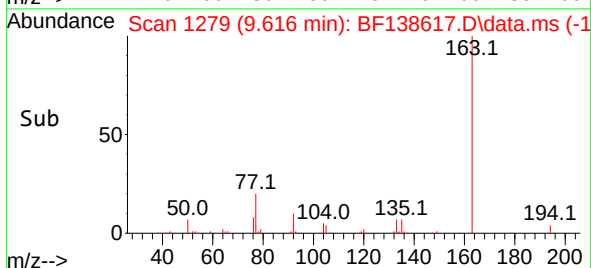
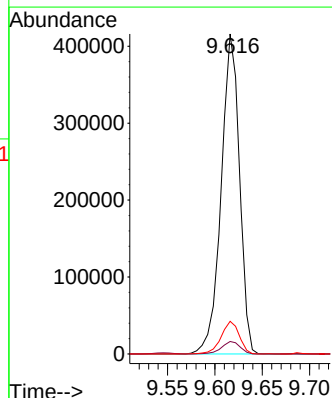
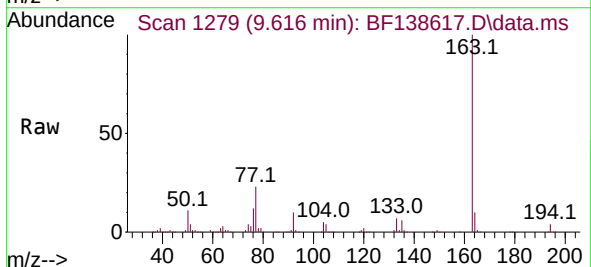
APPROVED

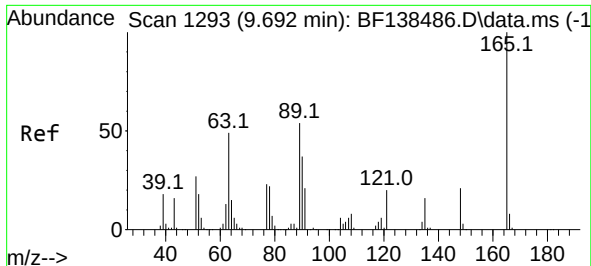
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#50
Dimethylphthalate
Concen: 45.630 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:163 Resp: 560102
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1





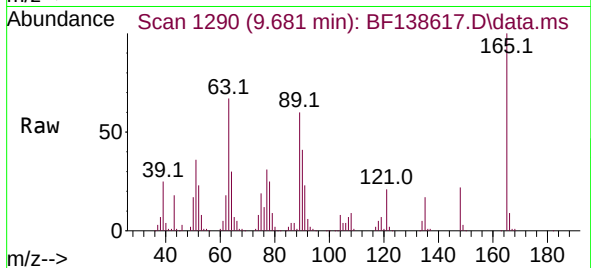
#51
2,6-Dinitrotoluene
Concen: 44.217 ng
RT: 9.681 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

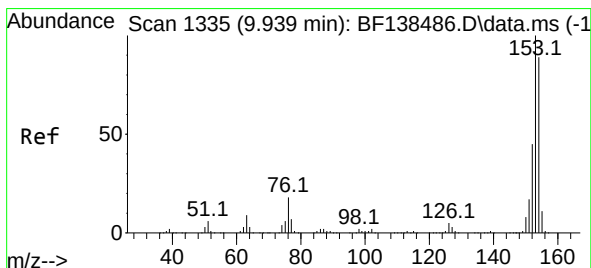
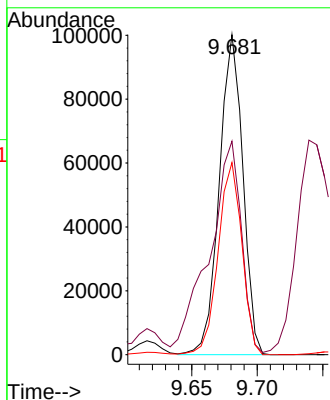
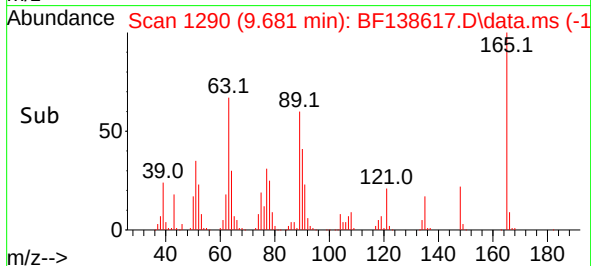


Tgt Ion:165 Resp: 12496
Ion Ratio Lower Upper
165 100
63 66.7 48.1 72.1
89 60.0 43.0 64.6

Manual Integrations

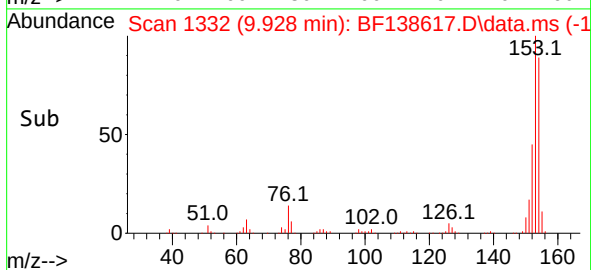
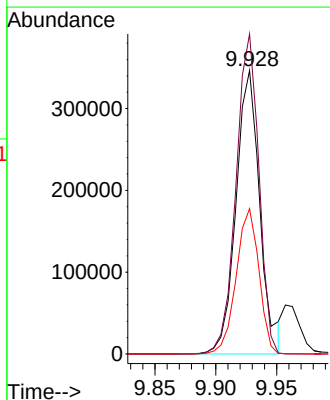
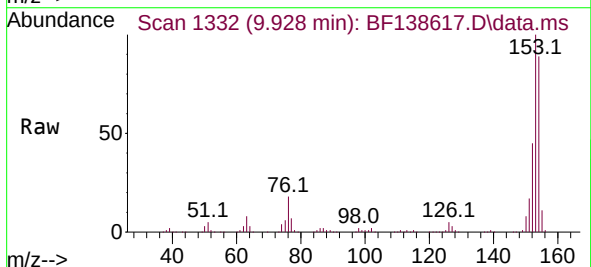
APPROVED

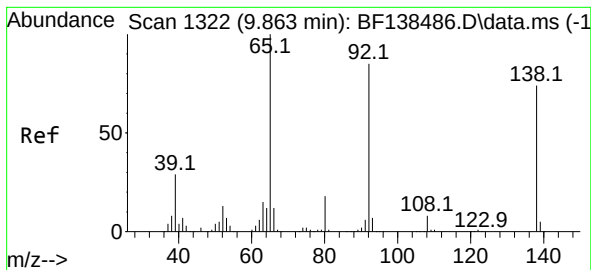
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#52
Acenaphthene
Concen: 45.923 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:154 Resp: 471019
Ion Ratio Lower Upper
154 100
153 112.9 90.4 135.6
152 51.3 41.1 61.7





#53
3-Nitroaniline
Concen: 28.210 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

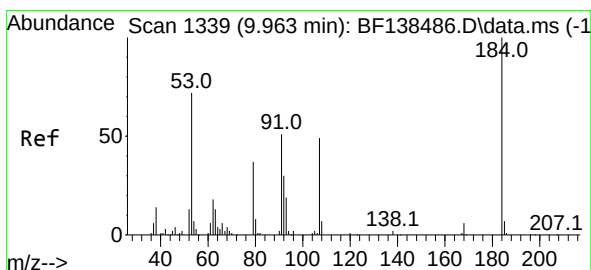
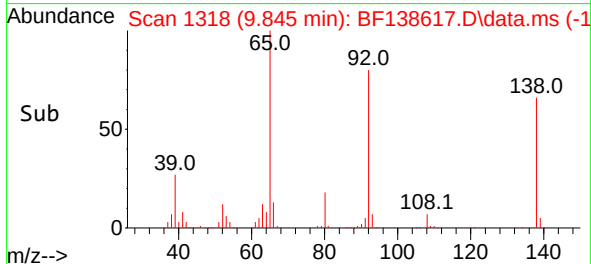
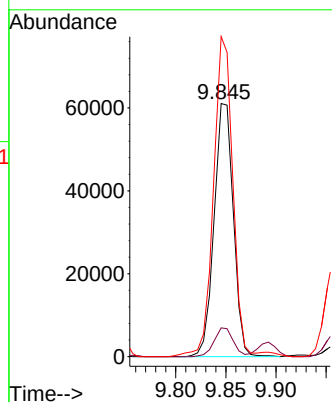
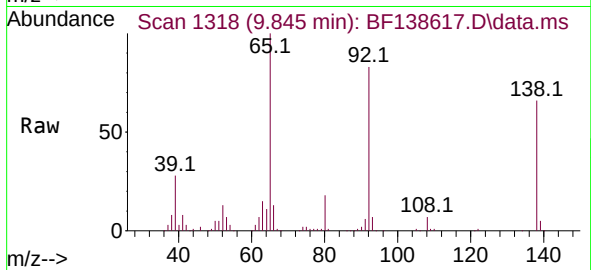
PB162084BS

Tgt Ion:138 Resp: 8171
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 126.4 92.6 138.8

Manual Integrations

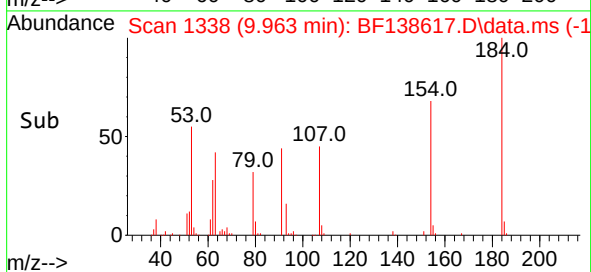
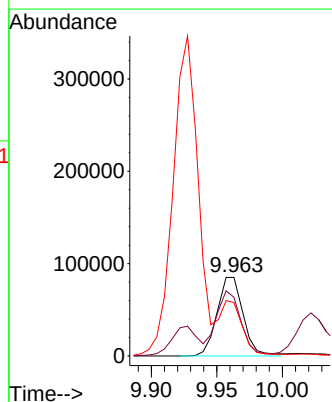
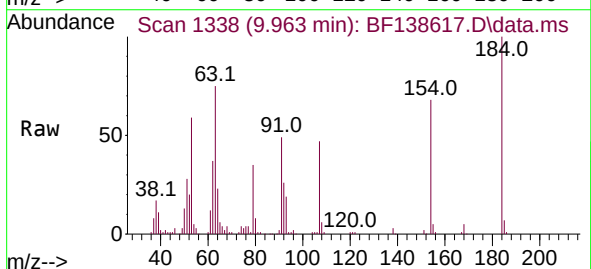
APPROVED

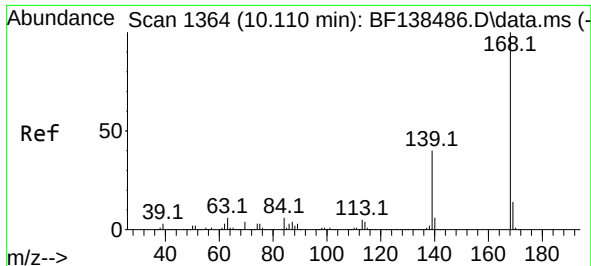
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#54
2,4-Dinitrophenol
Concen: 77.792 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:184 Resp: 117788
Ion Ratio Lower Upper
184 100
63 74.7 70.6 106.0
154 68.1 53.8 80.6





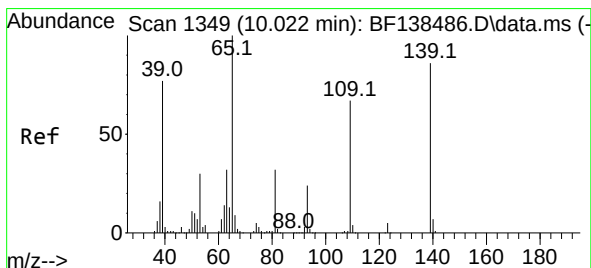
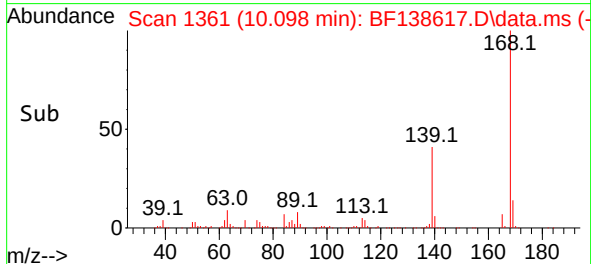
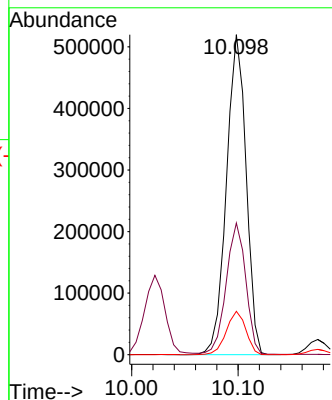
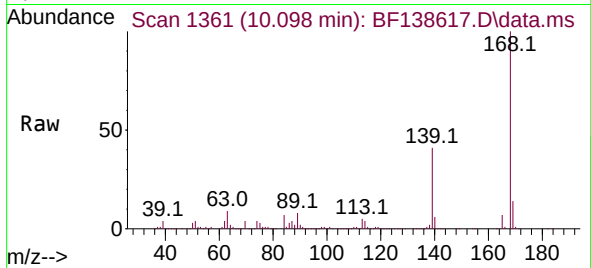
#55
Dibenzenofuran
Concen: 44.679 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB162084BS

Tgt Ion:168 Resp: 66468
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 13.5 10.9 16.3

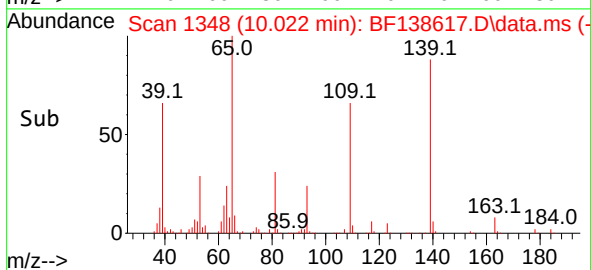
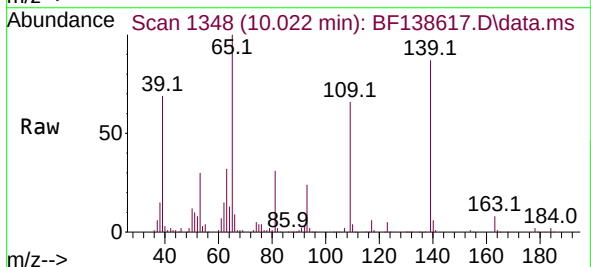
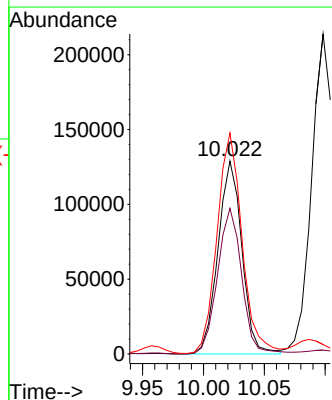
Manual Integrations
APPROVED

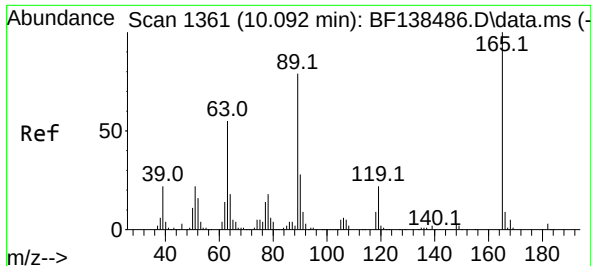
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#56
4-Nitrophenol
Concen: 82.519 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:139 Resp: 176371
Ion Ratio Lower Upper
139 100
109 75.5 58.1 98.1
65 114.7 96.9 136.9





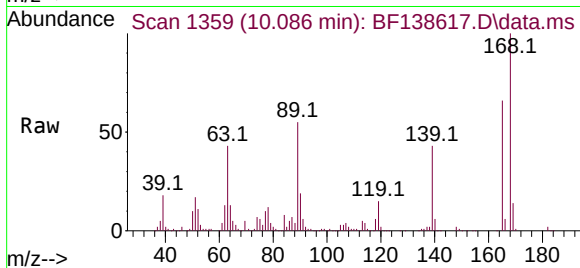
#57
2,4-Dinitrotoluene
Concen: 44.954 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

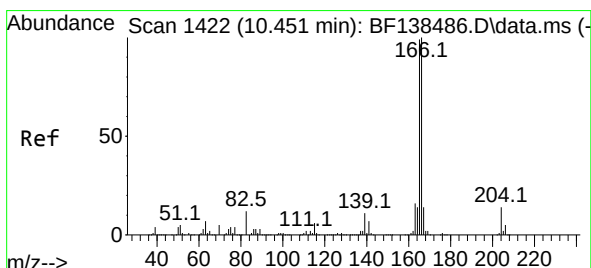
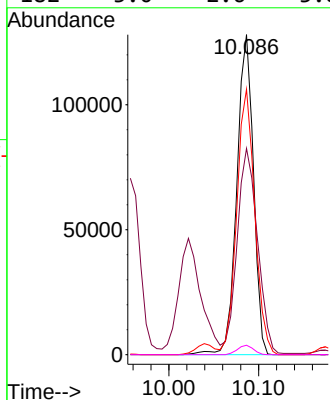
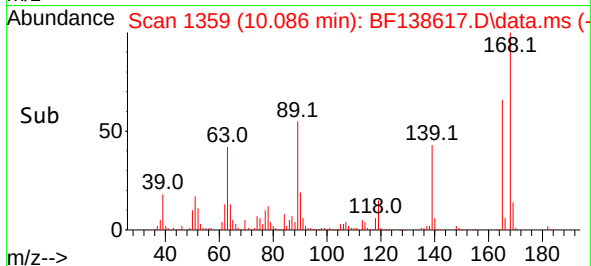


Tgt Ion:165 Resp: 164386
Ion Ratio Lower Upper
165 100
63 64.5 44.6 66.8
89 82.9 63.4 95.2
182 3.0 2.6 3.8

Manual Integrations

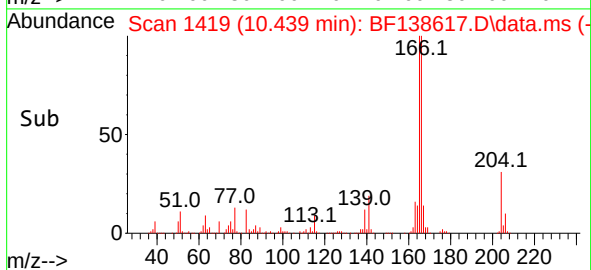
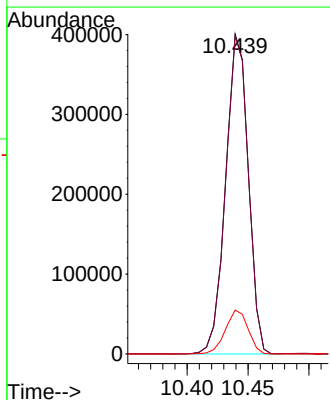
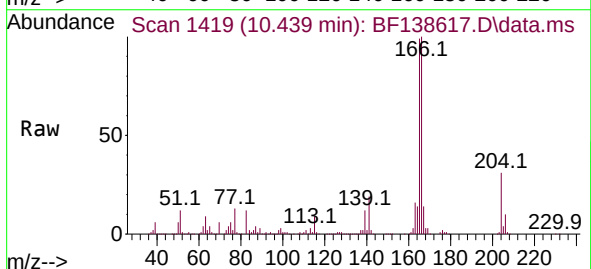
APPROVED

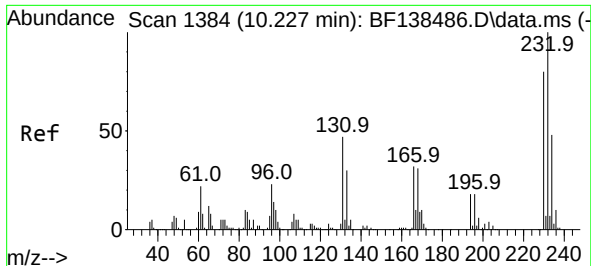
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#58
Fluorene
Concen: 44.106 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

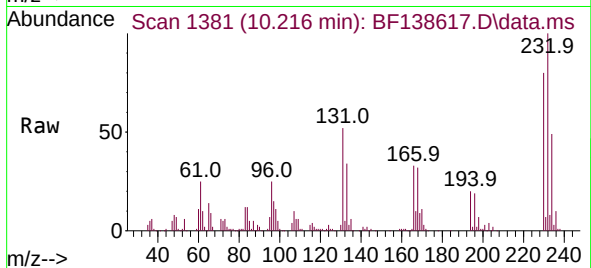
Tgt Ion:166 Resp: 519193
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.626 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

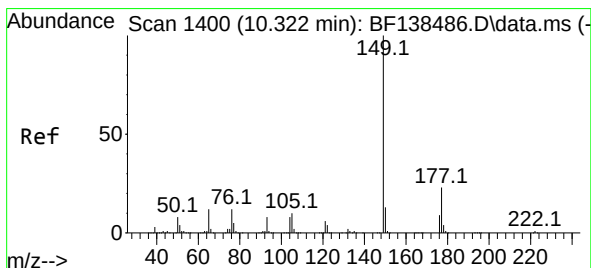
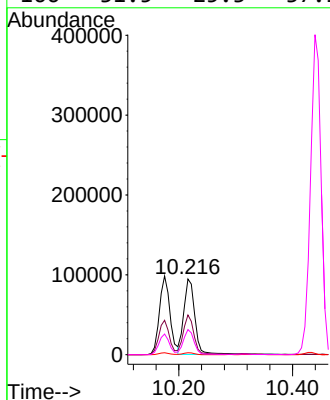
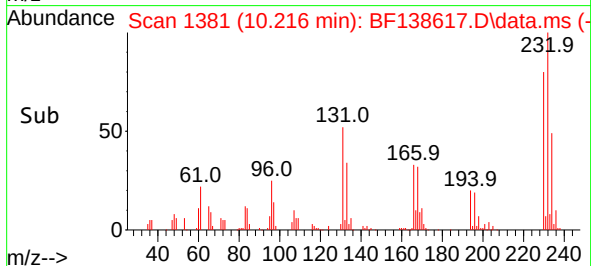
Instrument :
BNA_F
ClientSampleId :
PB162084BS



Tgt Ion:232 Resp: 127801
Ion Ratio Lower Upper
232 100
131 51.4 37.5 56.3
130 2.4 2.0 3.0
166 31.5 25.3 37.9

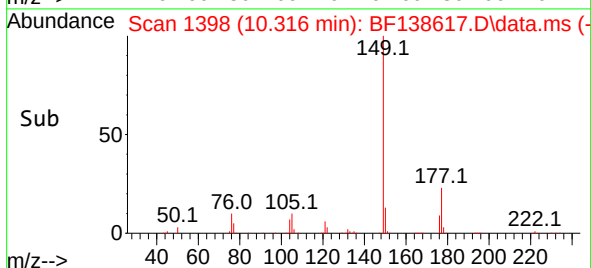
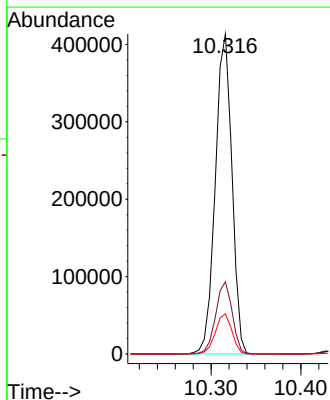
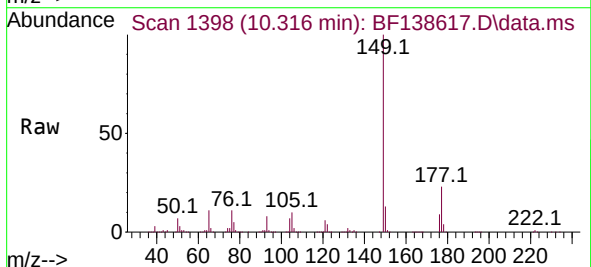
Manual Integrations
APPROVED

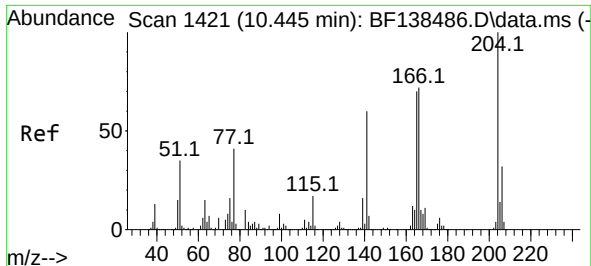
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#60
Diethylphthalate
Concen: 44.910 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

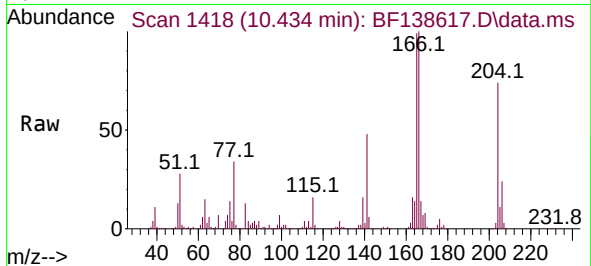
Tgt Ion:149 Resp: 531439
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.704 ng
RT: 10.434 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

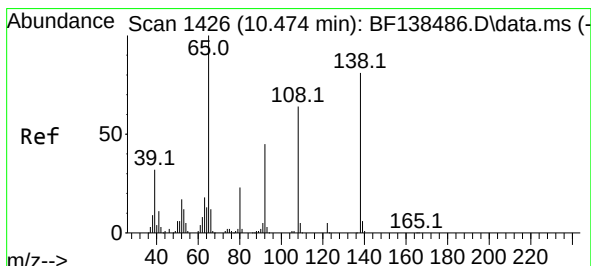
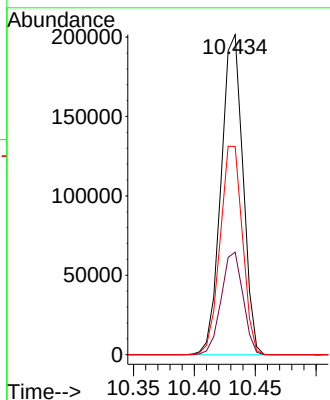
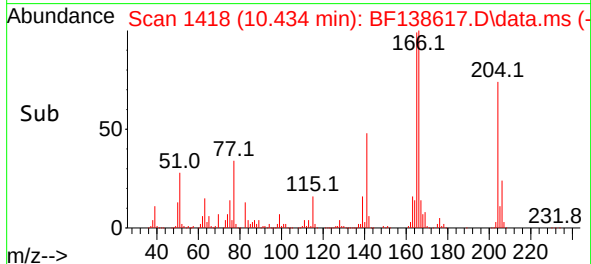
Instrument :
BNA_F
ClientSampleId :
PB162084BS



Tgt Ion:204 Resp: 252429
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 65.0 47.7 71.5

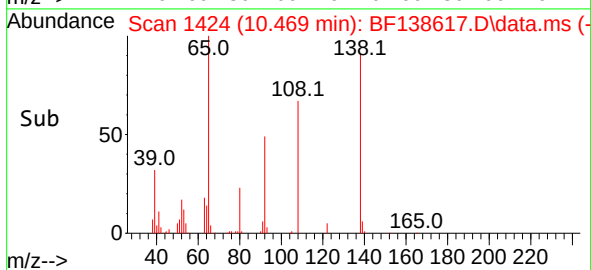
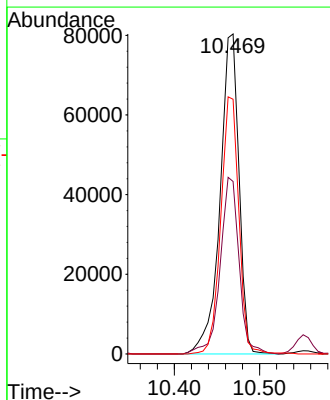
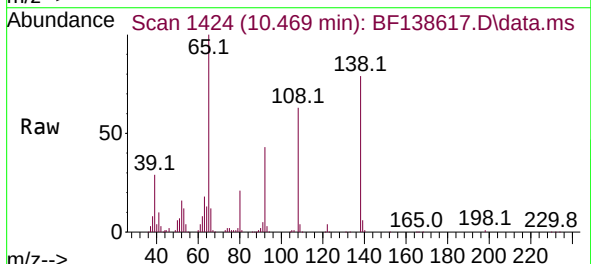
Manual Integrations
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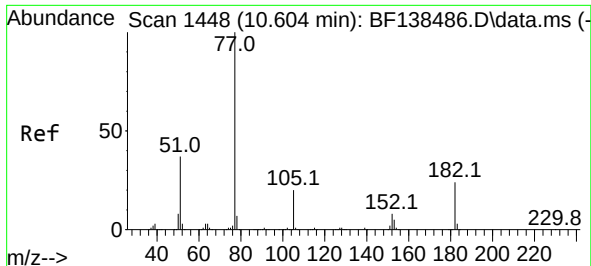
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#62
4-Nitroaniline
Concen: 42.691 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:138 Resp: 123920
Ion Ratio Lower Upper
138 100
92 53.9 35.8 75.8
108 79.6 59.8 99.8





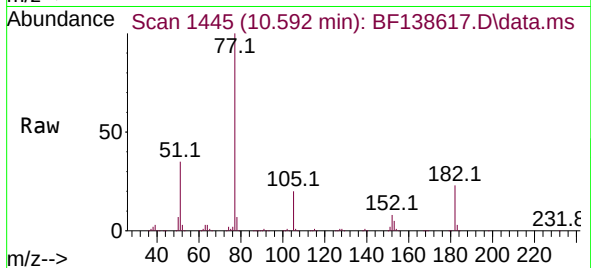
#63
Azobenzene
Concen: 46.360 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

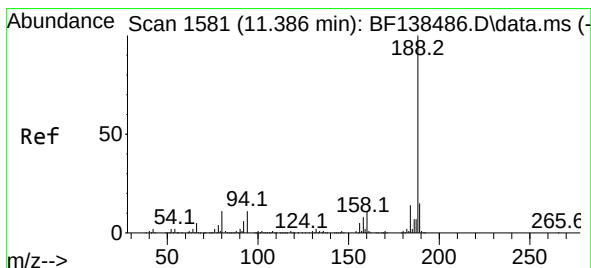
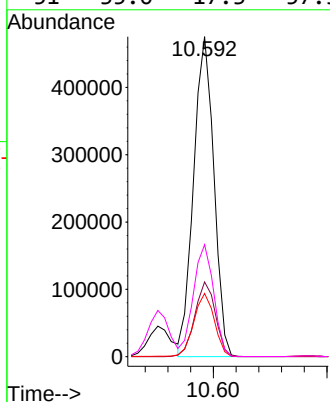
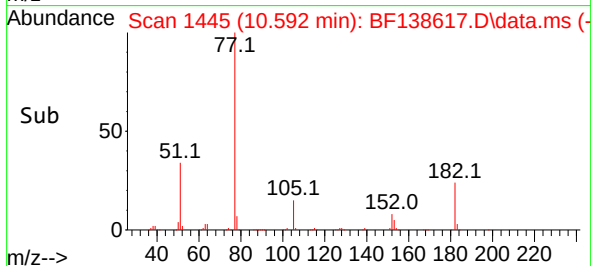


Tgt Ion: 77 Resp: 589818
Ion Ratio Lower Upper
77 100
182 23.3 3.8 43.8
105 19.7 0.0 39.8
51 35.0 17.3 57.3

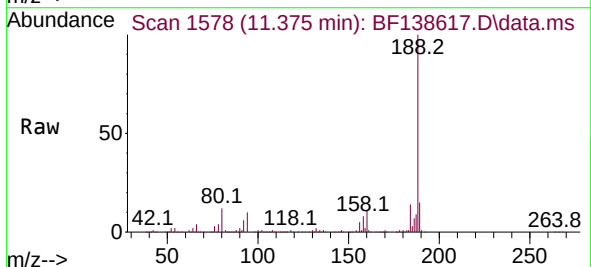
Manual Integrations

APPROVED

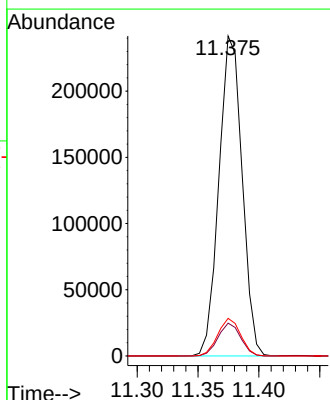
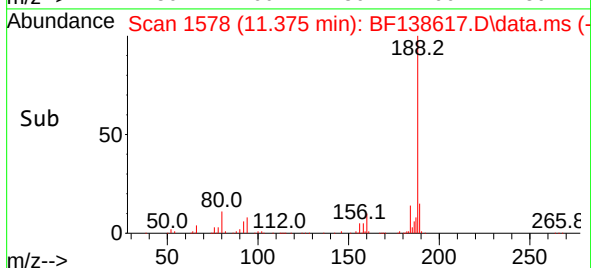
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

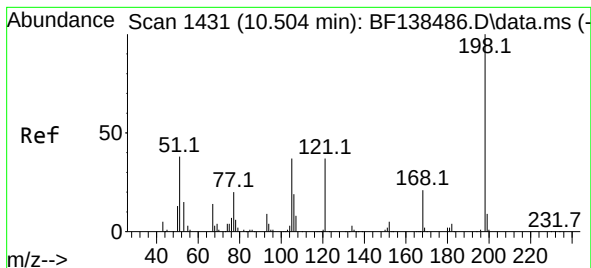


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26



Tgt Ion:188 Resp: 320457
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.8 9.0 13.4





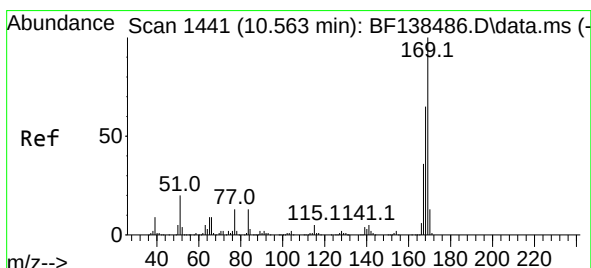
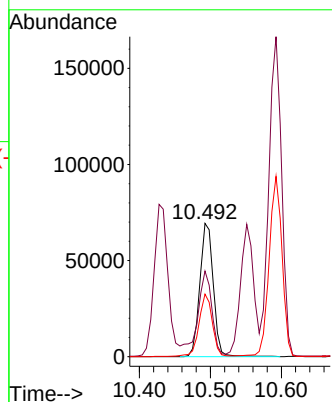
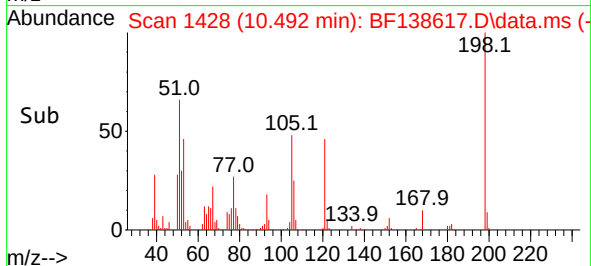
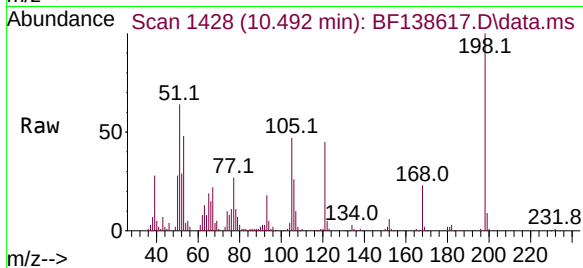
#65
4,6-Dinitro-2-methylphenol
Concen: 49.546 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB162084BS

Tgt Ion:198 Resp: 91678
Ion Ratio Lower Upper
198 100
51 64.3 27.2 67.2
105 47.0 18.5 58.5

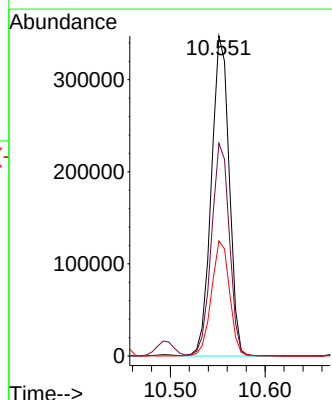
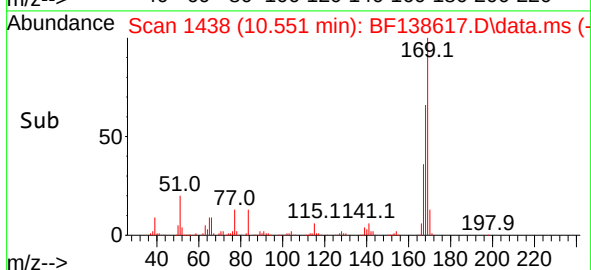
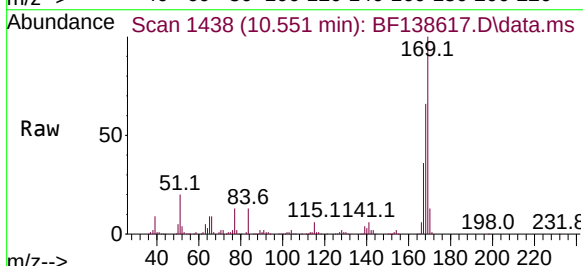
Manual Integrations
APPROVED

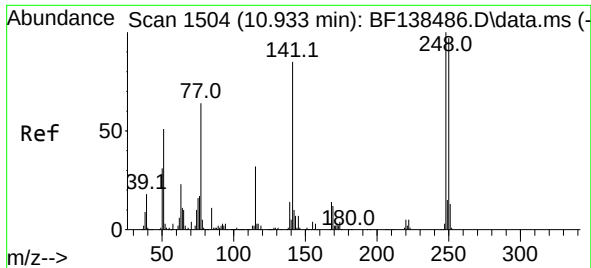
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#66
n-Nitrosodiphenylamine
Concen: 47.070 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:169 Resp: 451926
Ion Ratio Lower Upper
169 100
168 66.5 51.7 77.5
167 36.0 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 45.052 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

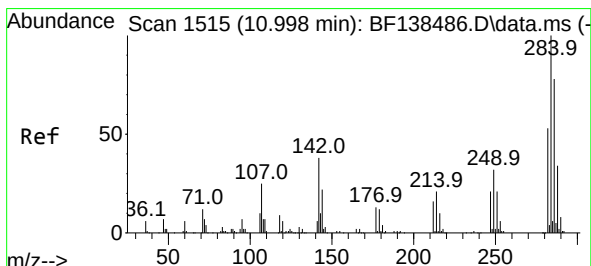
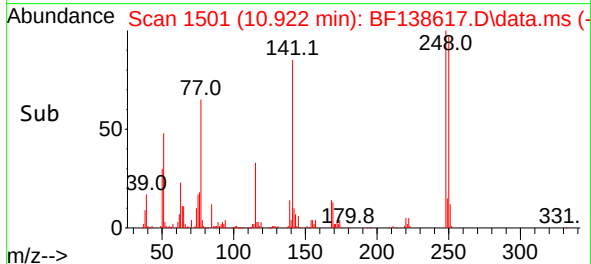
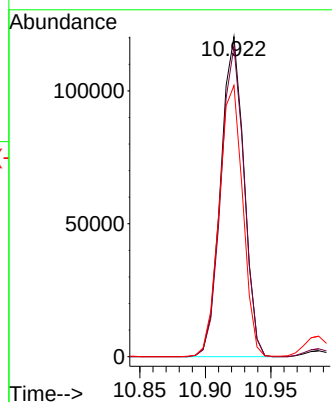
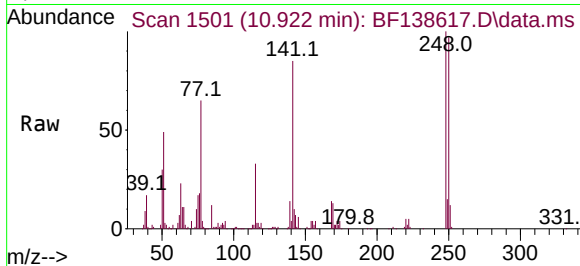
ClientSampleId :

PB162084BS

Tgt Ion:248 Resp: 148388
Ion Ratio Lower Upper
248 100
250 96.9 77.9 116.9
141 84.7 67.7 101.5

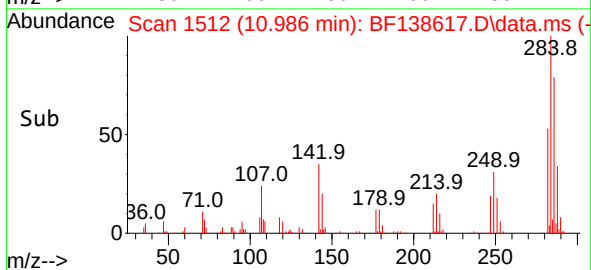
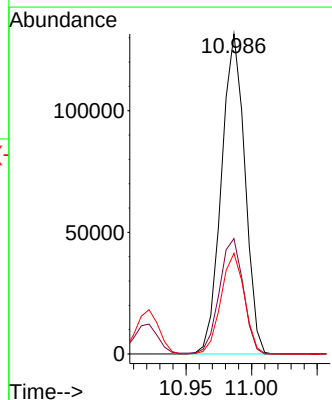
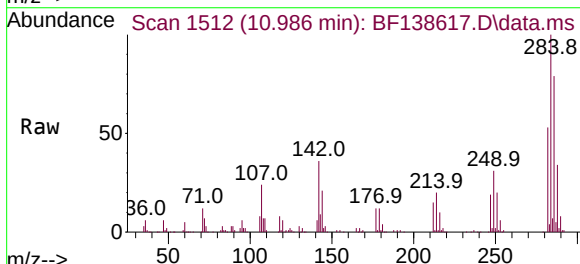
Manual Integrations
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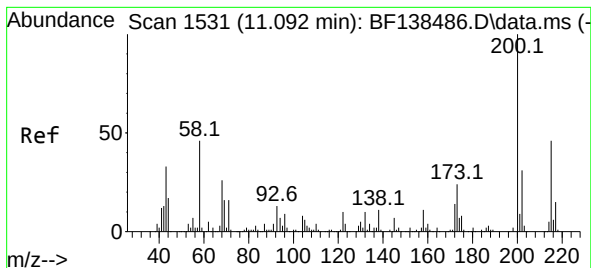
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#68
Hexachlorobenzene
Concen: 44.671 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:284 Resp: 163452
Ion Ratio Lower Upper
284 100
142 36.1 30.5 45.7
249 31.5 25.9 38.9





#69

Atrazine

Concen: 43.188 ng

RT: 11.081 min Scan# 11081

Delta R.T. -0.011 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Tgt Ion:200 Resp: 137470

Ion Ratio Lower Upper

200 100

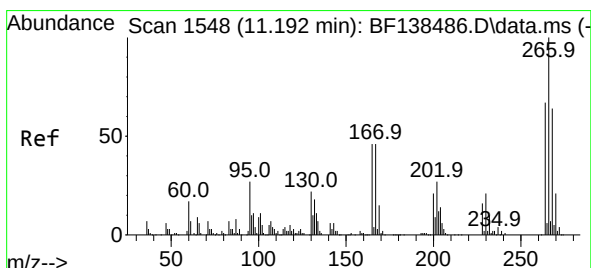
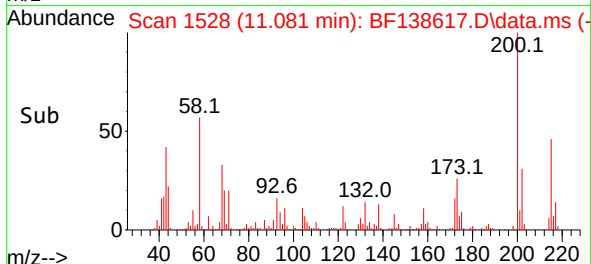
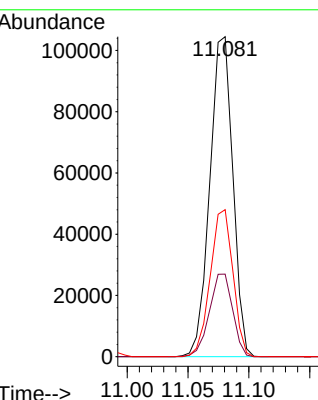
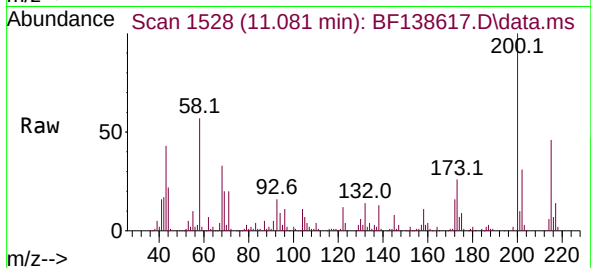
173 25.8 4.1 44.1

215 45.9 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#70

Pentachlorophenol

Concen: 76.873 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

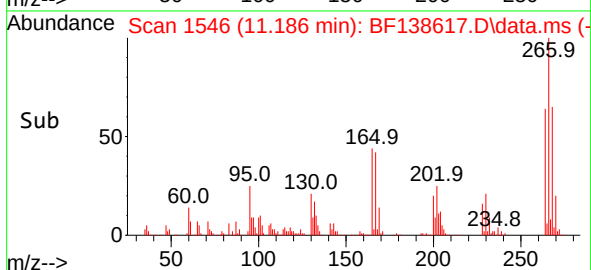
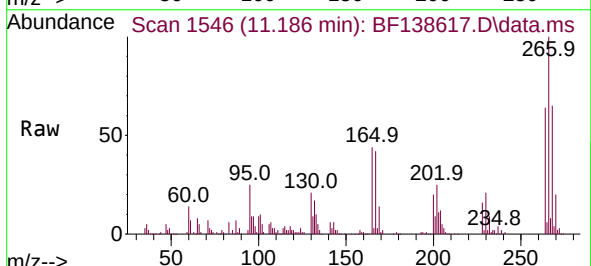
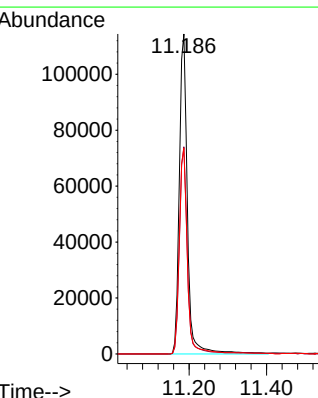
Tgt Ion:266 Resp: 166442

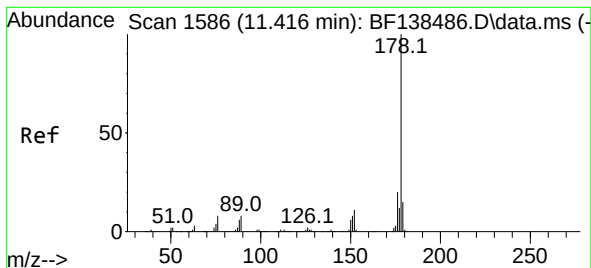
Ion Ratio Lower Upper

266 100

268 64.7 50.9 76.3

264 64.3 53.5 80.3





#71

Phenanthrene

Concen: 46.524 ng

RT: 11.404 min Scan# 1586

Delta R.T. -0.011 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Tgt Ion:178 Resp: 753210

Ion Ratio Lower Upper

178 100

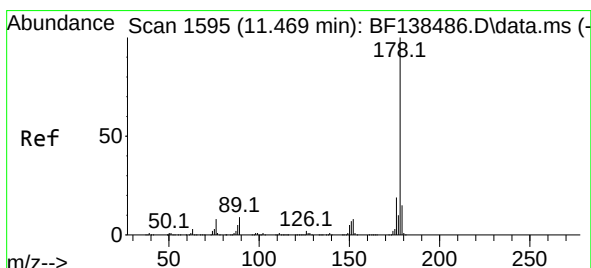
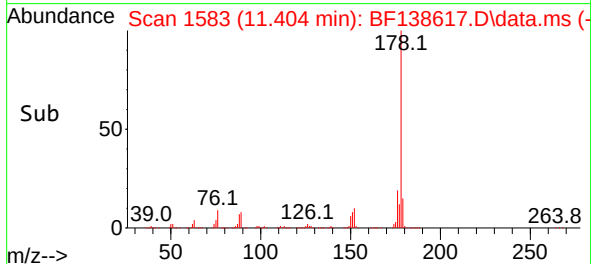
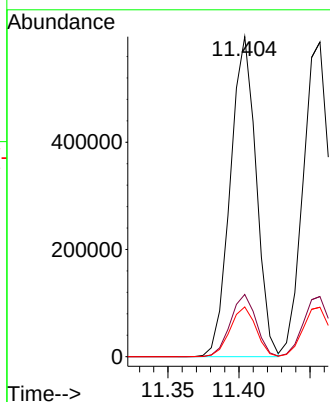
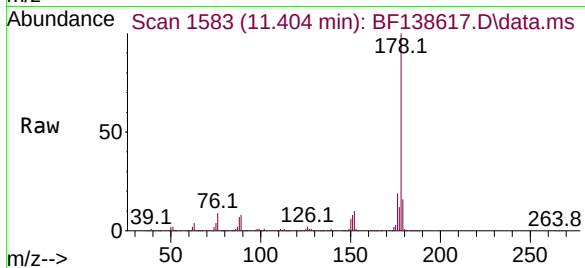
176 19.5 15.7 23.5

179 15.5 12.2 18.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#72

Anthracene

Concen: 47.224 ng

RT: 11.457 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

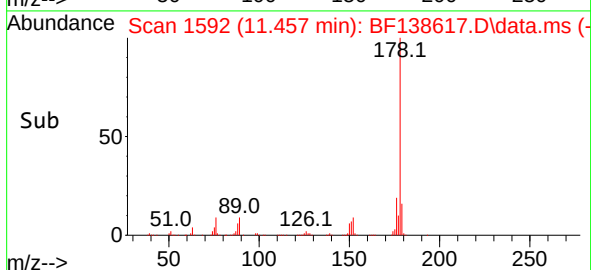
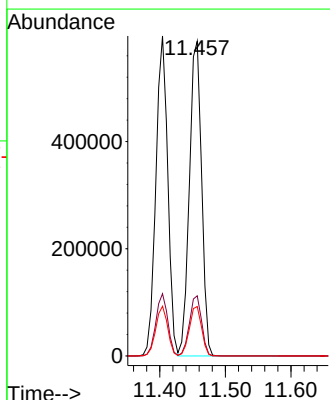
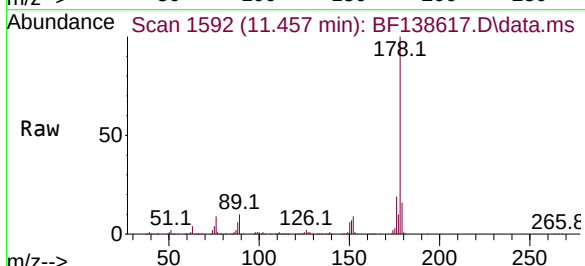
Tgt Ion:178 Resp: 758937

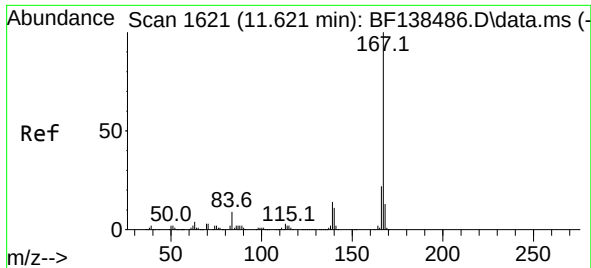
Ion Ratio Lower Upper

178 100

176 19.1 14.8 22.2

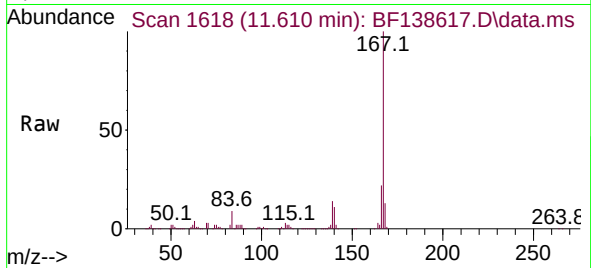
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 45.527 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.012 min
 Lab File: BF138617.D
 Acq: 23 Jul 2024 14:26

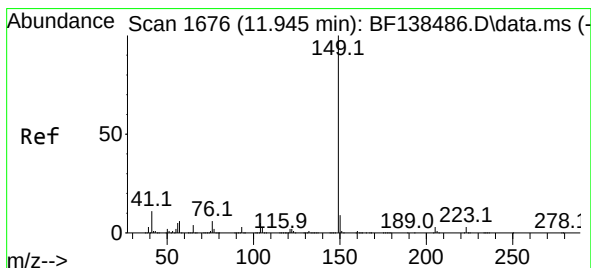
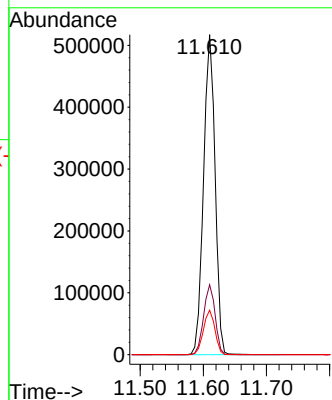
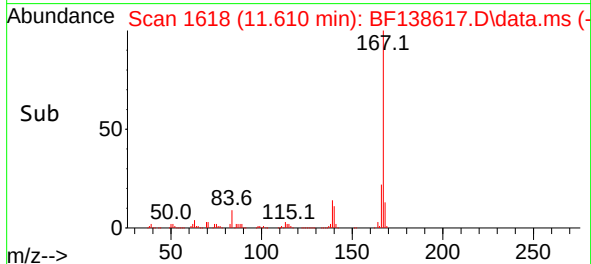
Instrument :
 BNA_F
 ClientSampleId :
 PB162084BS



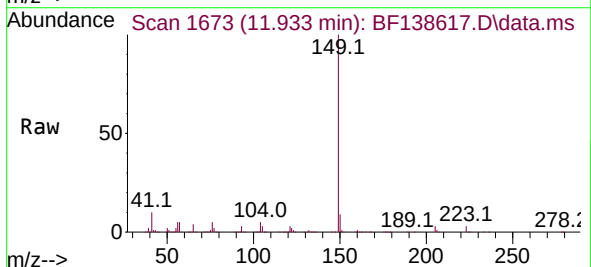
Tgt Ion:167 Resp: 657519
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.9 11.0 16.4

Manual Integrations
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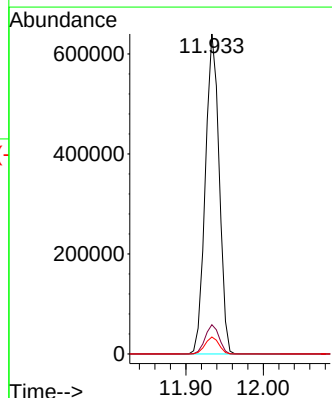
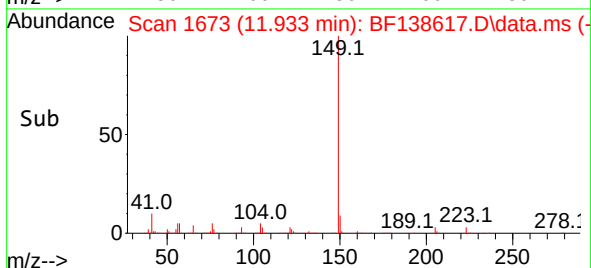
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

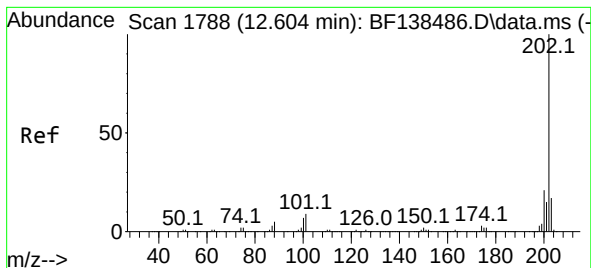


#74
 Di-n-butylphthalate
 Concen: 47.580 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.011 min
 Lab File: BF138617.D
 Acq: 23 Jul 2024 14:26



Tgt Ion:149 Resp: 792080
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 44.004 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF138617.D

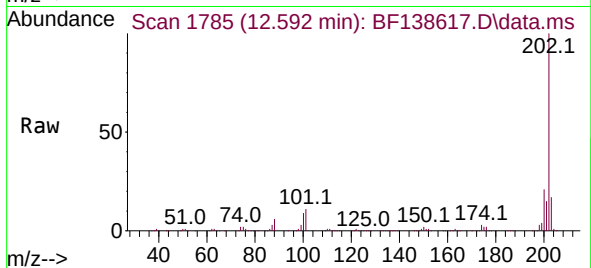
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS



Tgt Ion:202 Resp: 72694

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.2

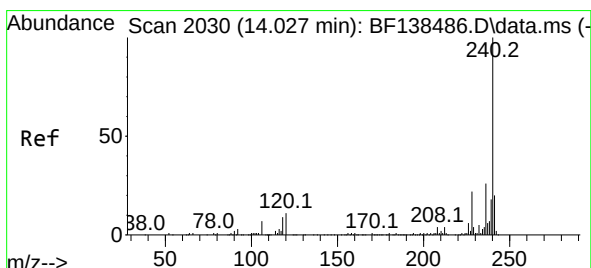
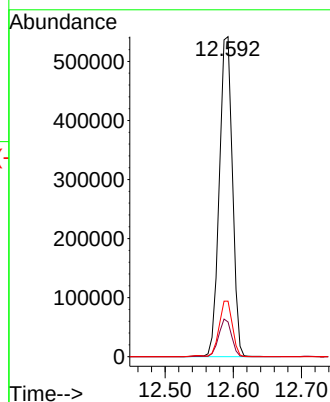
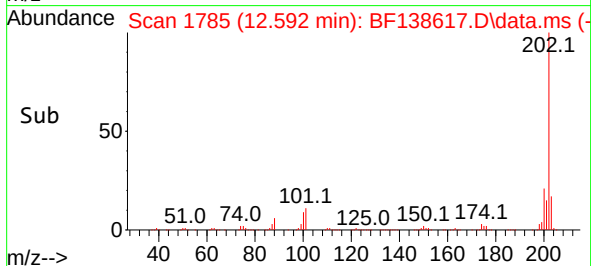
203 17.3 0.0 37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/30/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.011 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

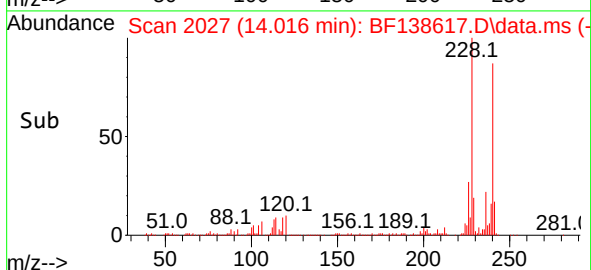
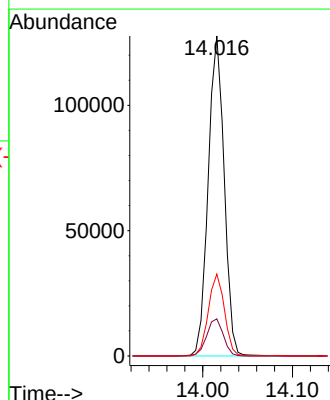
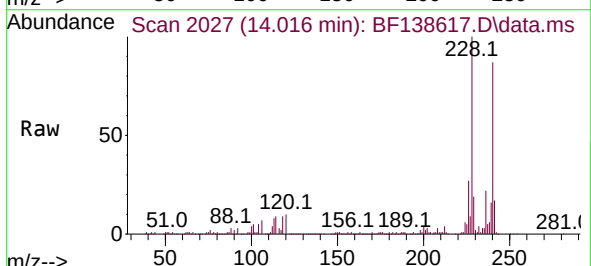
Tgt Ion:240 Resp: 157674

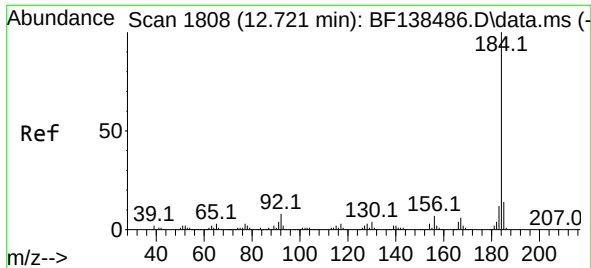
Ion Ratio Lower Upper

240 100

120 11.6 8.6 12.8

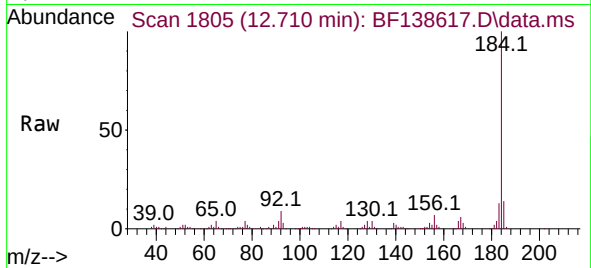
236 25.6 21.0 31.6





#77
Benzidine
Concen: 32.895 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

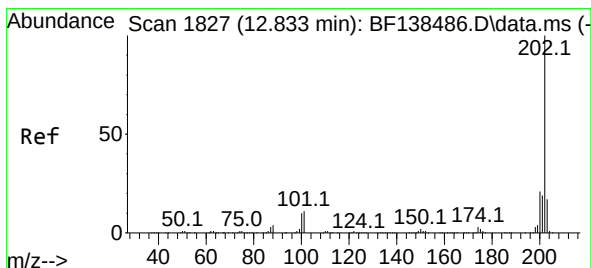
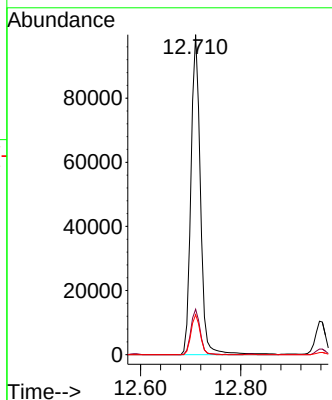
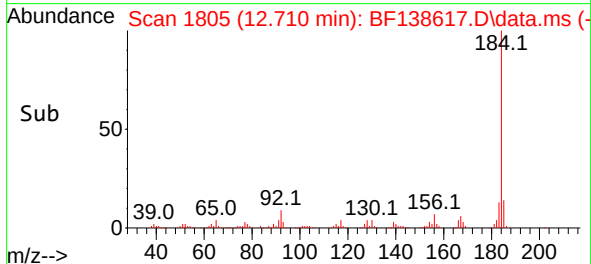
Instrument :
BNA_F
ClientSampleId :
PB162084BS



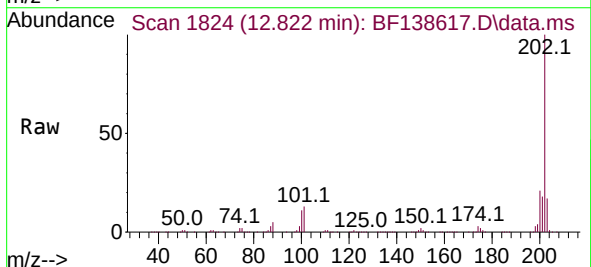
Tgt Ion:184 Resp: 13086
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.5 9.5 14.3

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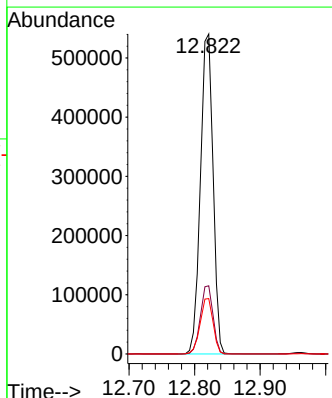
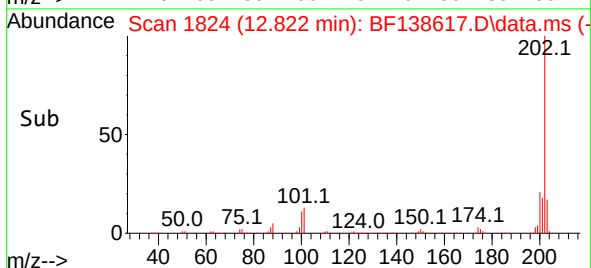
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

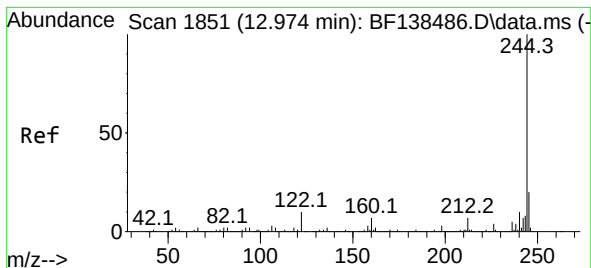


#78
Pyrene
Concen: 45.470 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26



Tgt Ion:202 Resp: 727787
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 101.101 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Tgt Ion:244 Resp: 978504

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

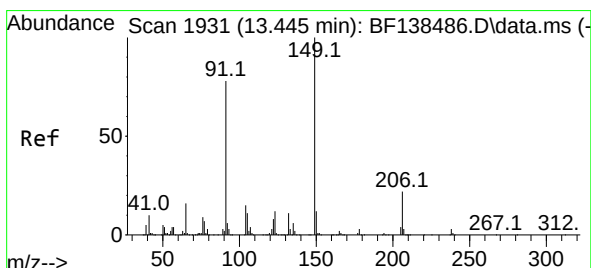
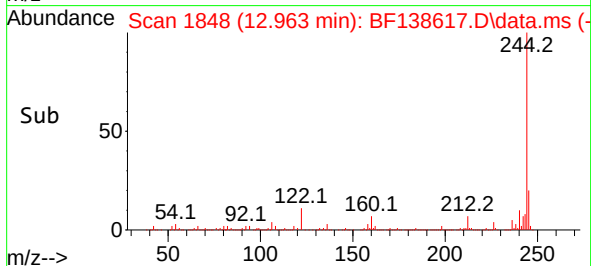
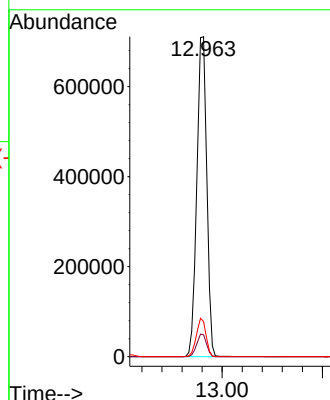
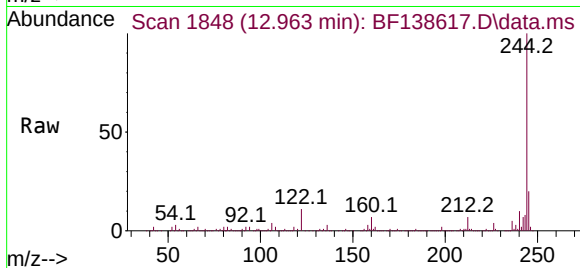
122 11.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/30/2024



#80

Butylbenzylphthalate

Concen: 53.666 ng

RT: 13.433 min Scan# 1928

Delta R.T. -0.011 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

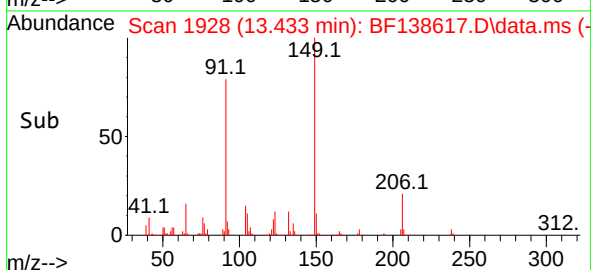
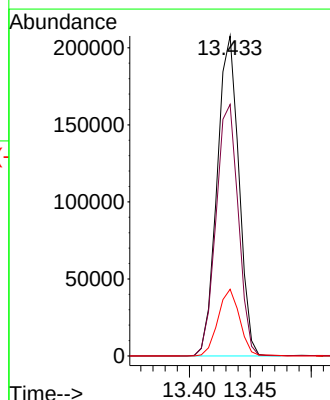
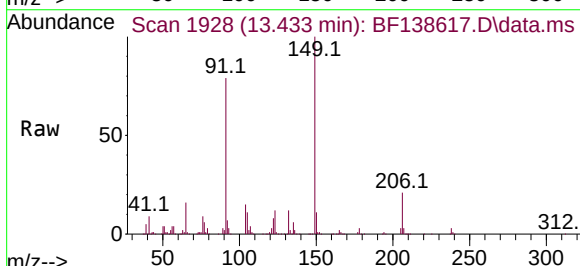
Tgt Ion:149 Resp: 258397

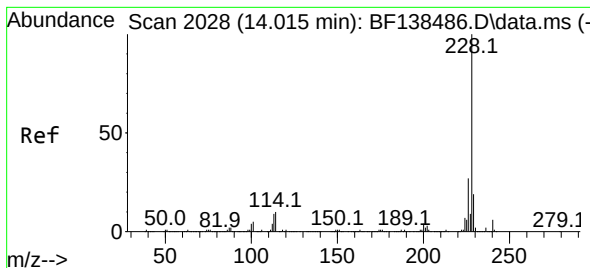
Ion Ratio Lower Upper

149 100

91 78.6 62.1 93.1

206 20.8 18.0 27.0





#81

Benzo(a)anthracene

Concen: 47.640 ng

RT: 14.004 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Tgt Ion:228 Resp: 50403

Ion Ratio Lower Upper

228 100

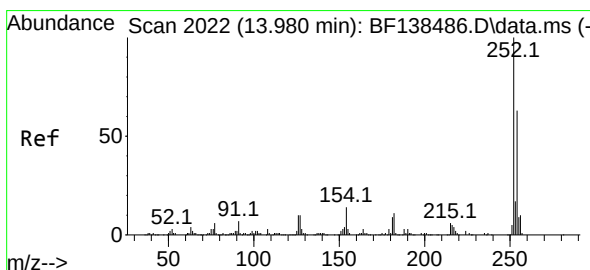
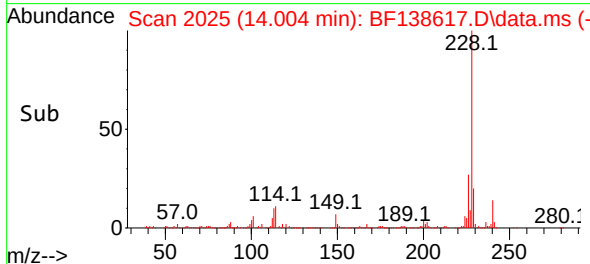
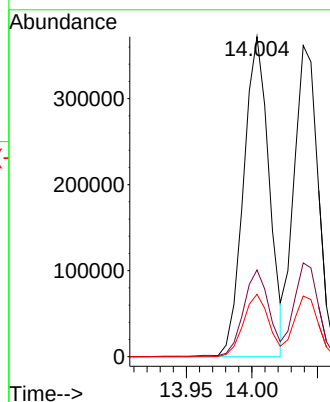
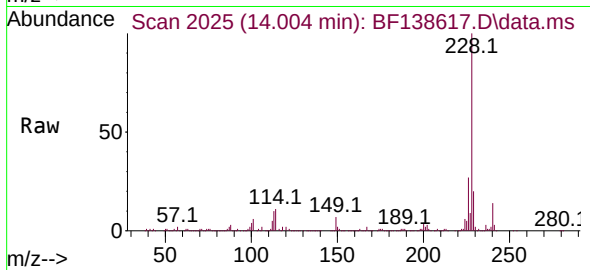
226 27.1 21.9 32.9

229 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.869 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

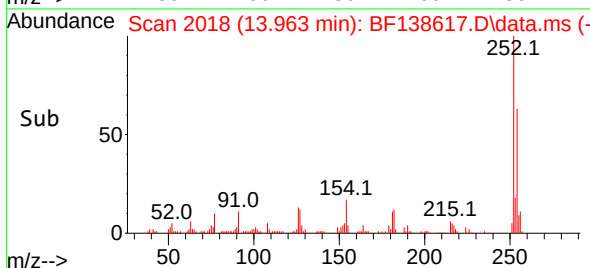
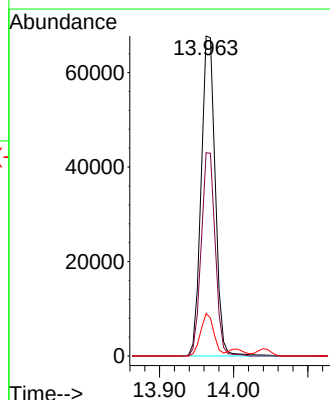
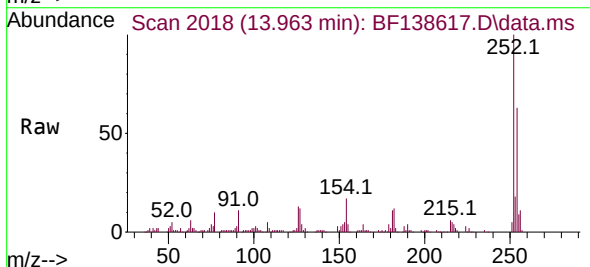
Tgt Ion:252 Resp: 89606

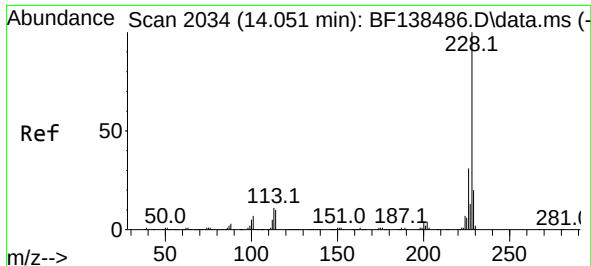
Ion Ratio Lower Upper

252 100

254 63.5 50.3 75.5

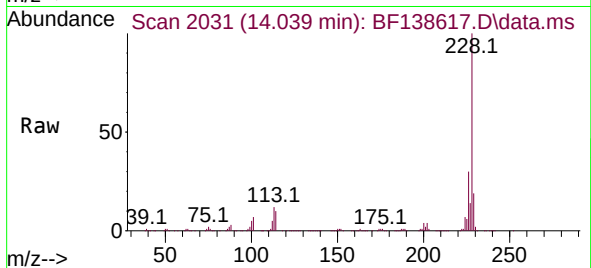
126 13.3 8.1 12.1#





#83
Chrysene
Concen: 46.137 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

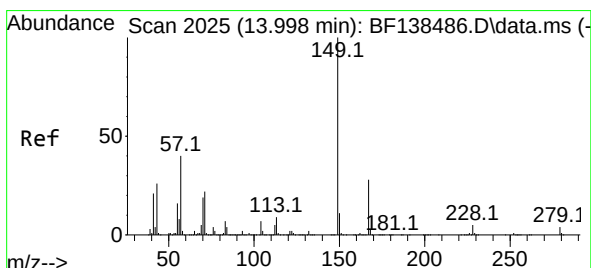
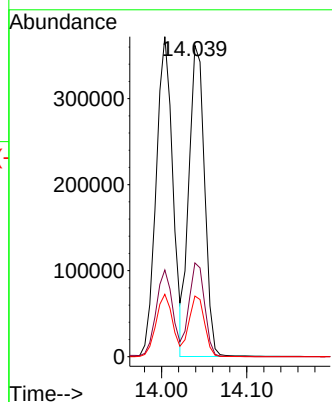
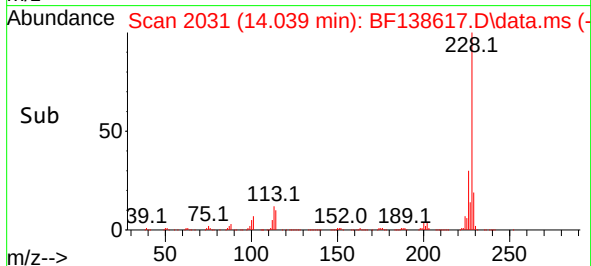
Instrument :
BNA_F
ClientSampleId :
PB162084BS



Tgt Ion:228 Resp: 461766
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.5 16.0 24.0

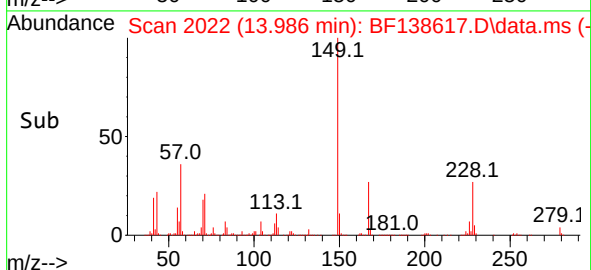
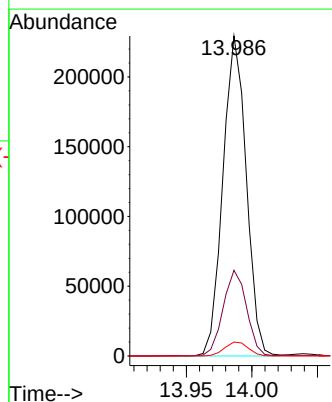
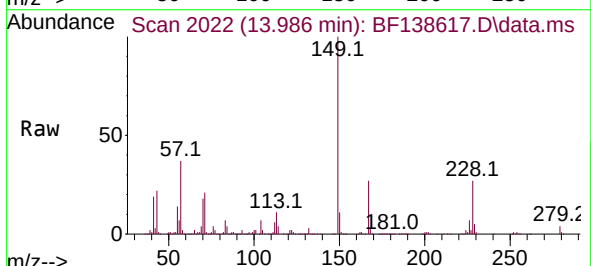
Manual Integrations
APPROVED

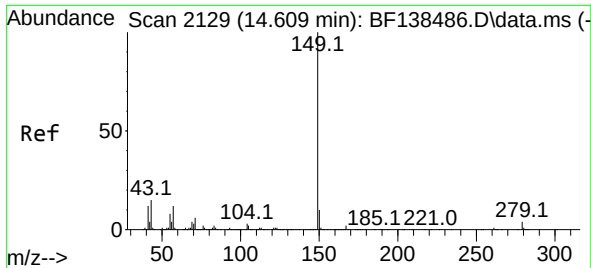
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.259 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:149 Resp: 283766
Ion Ratio Lower Upper
149 100
167 26.7 22.5 33.7
279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 48.878 ng
RT: 14.598 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

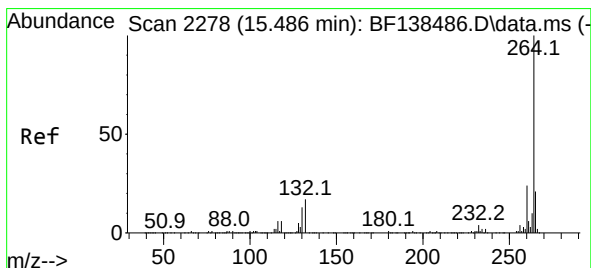
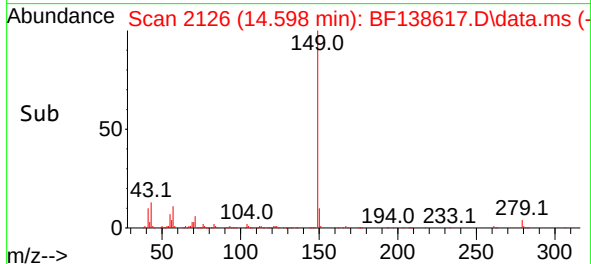
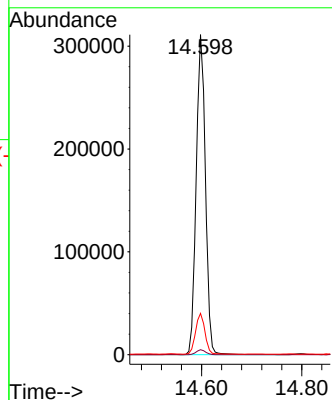
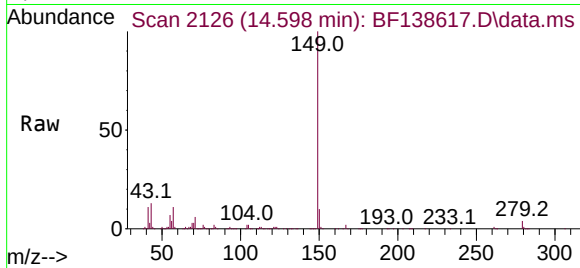
PB162084BS

Tgt Ion:149 Resp: 39651
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.9 10.7 16.1

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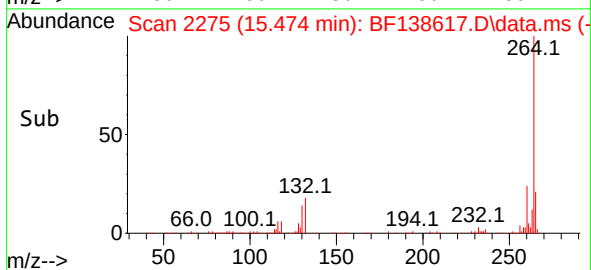
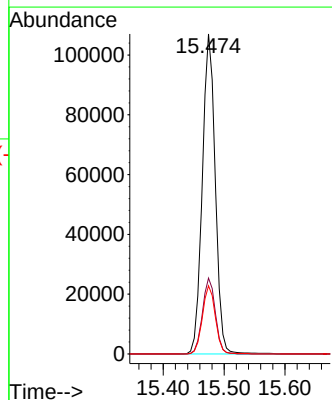
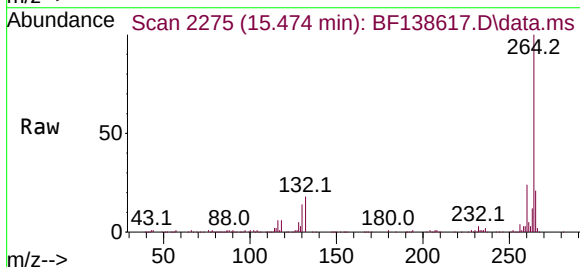
APPROVED

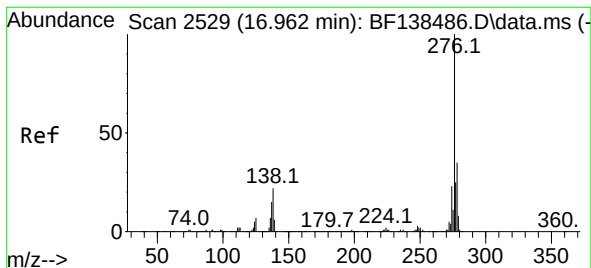
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.011 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:264 Resp: 158633
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.192 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

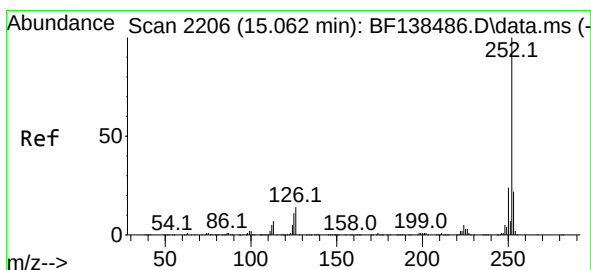
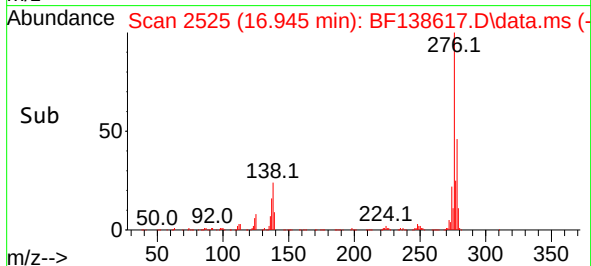
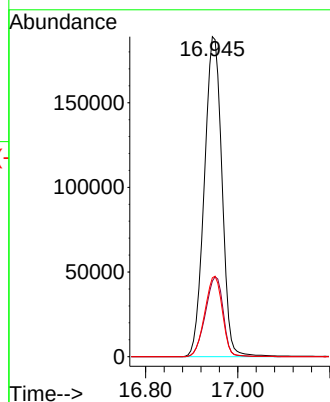
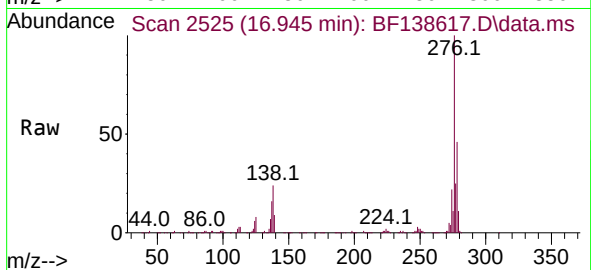
PB162084BS

Tgt Ion:	276	Resp:	50285
Ion Ratio	Lower	Upper	
276	100		
138	25.2	19.6	29.4
277	25.2	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#88

Benzo(b)fluoranthene

Concen: 45.329 ng

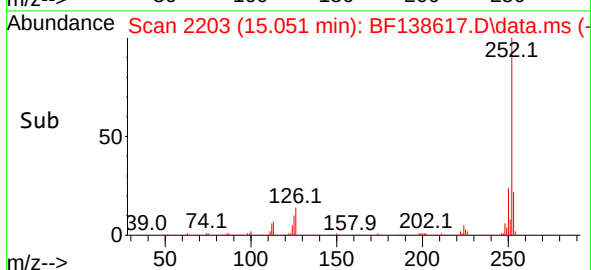
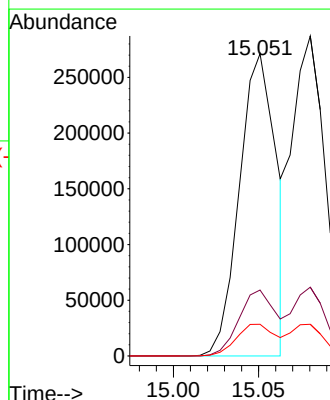
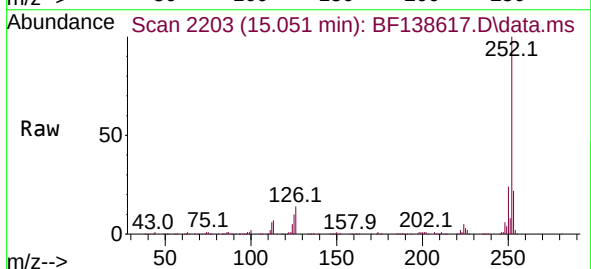
RT: 15.051 min Scan# 2203

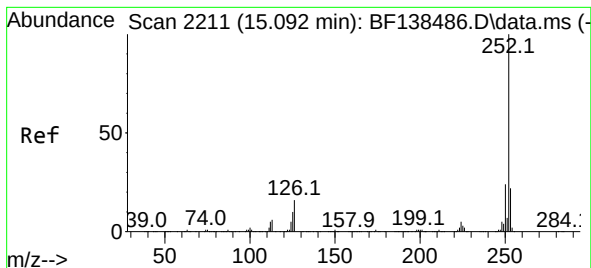
Delta R.T. -0.012 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Tgt Ion:	252	Resp:	404957
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	10.5	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 44.821 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Tgt Ion:252 Resp: 39052

Ion Ratio Lower Upper

252 100

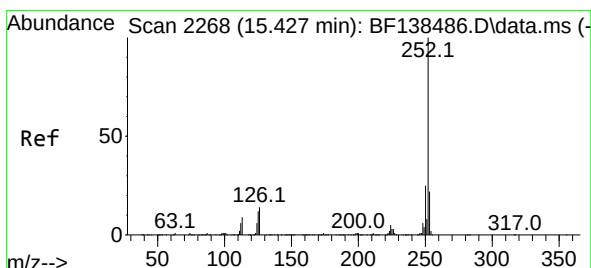
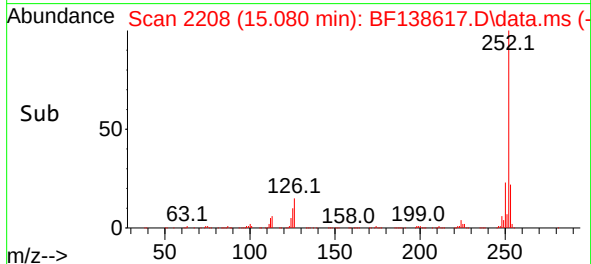
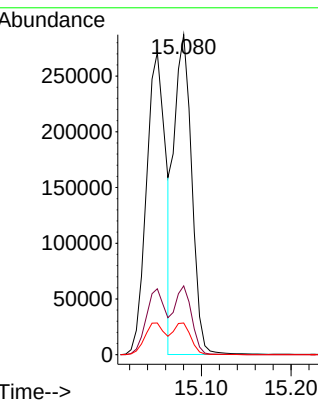
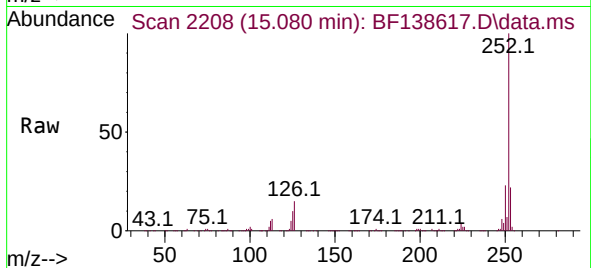
253 21.5 17.7 26.5

125 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#90

Benzo(a)pyrene

Concen: 48.729 ng

RT: 15.416 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF138617.D

Acq: 23 Jul 2024 14:26

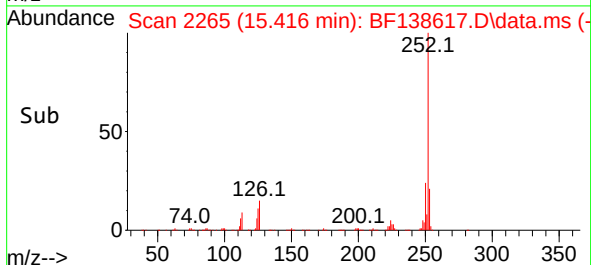
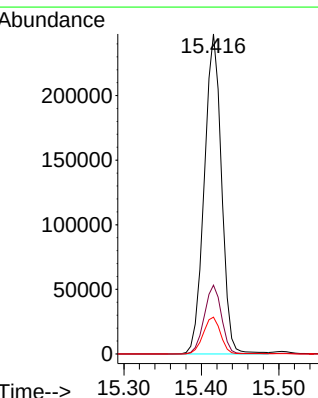
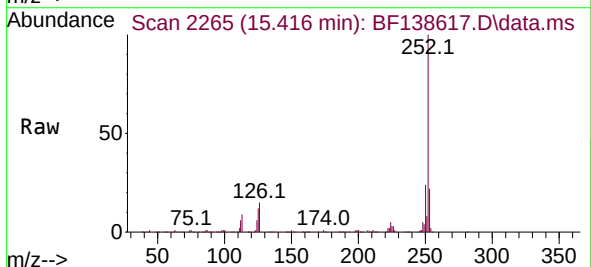
Tgt Ion:252 Resp: 382421

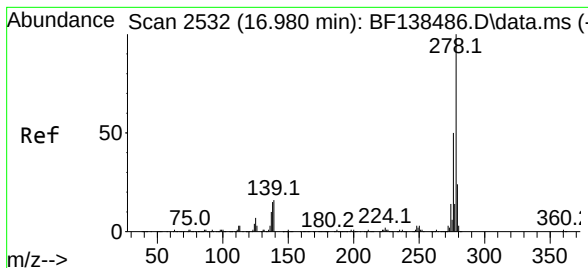
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 11.5 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 45.860 ng
RT: 16.963 min Scan# 2532
Delta R.T. -0.017 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Instrument :

BNA_F

ClientSampleId :

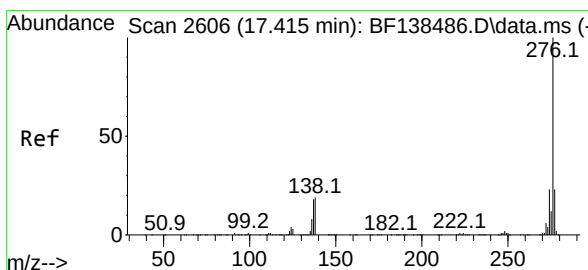
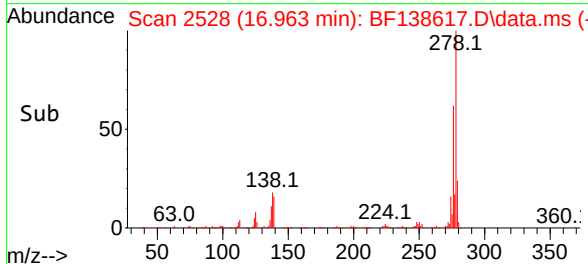
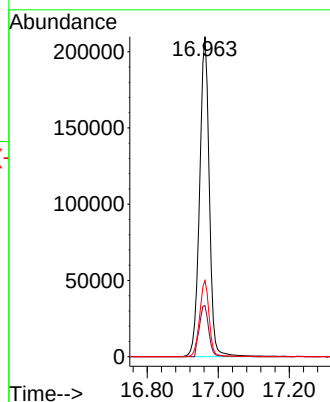
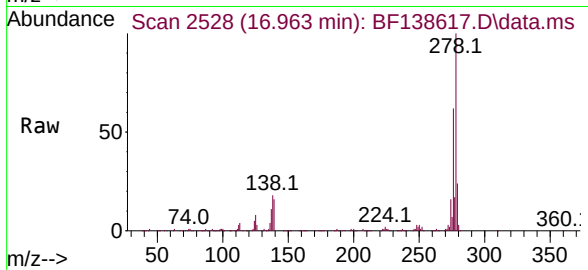
PB162084BS

Tgt Ion:278 Resp: 399730
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#92
Benzo(g,h,i)perylene
Concen: 42.209 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF138617.D
Acq: 23 Jul 2024 14:26

Tgt Ion:276 Resp: 390118
Ion Ratio Lower Upper
276 100
277 24.0 18.0 27.0
138 21.6 15.5 23.3

