

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138613.D
 Acq On : 23 Jul 2024 12:26
 Operator : RC/JU
 Sample : PB162154BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162154BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 12:58:17 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	6.857	152	91387	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	373439	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	200548	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	338830	20.000	ng	0.00
76) Chrysene-d12	14.015	240	166701	20.000	ng	-0.01
86) Perylene-d12	15.474	264	159541	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	722306	125.177	ng	0.00
7) Phenol-d6	6.498	99	971048	126.502	ng	0.00
23) Nitrobenzene-d5	7.422	82	637281	83.786	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	233693	124.681	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1059735	82.587	ng	-0.01
79) Terphenyl-d14	12.963	244	1016485	99.338	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	94222	36.869	ng	96
3) Pyridine	3.481	79	253168	40.170	ng	98
4) n-Nitrosodimethylamine	3.446	42	186149	45.373	ng	92
6) Aniline	6.522	93	239441	33.303	ng	# 66
8) 2-Chlorophenol	6.645	128	291661	47.802	ng	99
9) Benzaldehyde	6.404	77	25237	6.142	ng	95
10) Phenol	6.510	94	375403	46.074	ng	89
11) bis(2-Chloroethyl)ether	6.592	93	289798	47.241	ng	99
12) 1,3-Dichlorobenzene	6.798	146	299234	43.631	ng	99
13) 1,4-Dichlorobenzene	6.875	146	305722	43.897	ng	99
14) 1,2-Dichlorobenzene	7.022	146	292303	45.063	ng	97
15) Benzyl Alcohol	6.998	79	276314	47.965	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	527848	43.755	ng	83
17) 2-Methylphenol	7.116	107	236589	47.313	ng	# 91
18) Hexachloroethane	7.363	117	115960	45.291	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	223979	47.222	ng	95
20) 3+4-Methylphenols	7.269	107	293857	46.667	ng	# 90
22) Acetophenone	7.263	105	380669	41.971	ng	98
24) Nitrobenzene	7.439	77	338583	43.805	ng	98
25) Isophorone	7.681	82	603127	46.174	ng	99
26) 2-Nitrophenol	7.751	139	157170	47.443	ng	96
27) 2,4-Dimethylphenol	7.792	122	202438m	49.719	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	356419	45.658	ng	98
29) 2,4-Dichlorophenol	7.998	162	232881	44.044	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	257010	41.726	ng	97
31) Naphthalene	8.157	128	858918	44.224	ng	100
32) Benzoic acid	7.928	122	135633	34.926	ng	93
33) 4-Chloroaniline	8.210	127	139143	20.419	ng	98
34) Hexachlorobutadiene	8.269	225	150664	39.722	ng	99
35) Caprolactam	8.586	113	71463m	41.885	ng	
36) 4-Chloro-3-methylphenol	8.698	107	266414	45.007	ng	99
37) 2-Methylnaphthalene	8.851	142	545294	43.629	ng	99
38) 1-Methylnaphthalene	8.951	142	506299	41.507	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	223102	39.915	ng	98
41) Hexachlorocyclopentadiene	8.998	237	215313	118.681	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	156092	43.780	ng	97

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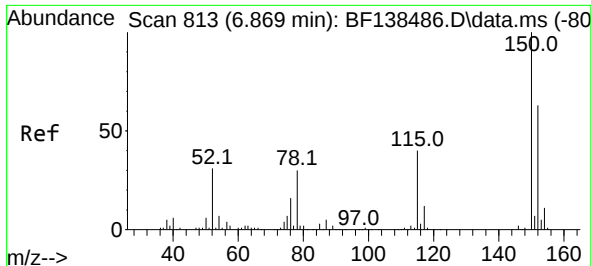
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	161705	41.236	ng	95
46) 1,1'-Biphenyl	9.316	154	628632	41.362	ng	99
47) 2-Chloronaphthalene	9.339	162	497993	43.373	ng	98
48) 2-Nitroaniline	9.439	65	184579	46.391	ng	98
49) Acenaphthylene	9.757	152	784420	48.120	ng	100
50) Dimethylphthalate	9.616	163	588084	45.349	ng	100
51) 2,6-Dinitrotoluene	9.680	165	131193	43.939	ng	89
52) Acenaphthene	9.927	154	491276	45.338	ng	99
53) 3-Nitroaniline	9.851	138	85935	28.081	ng	93
54) 2,4-Dinitrophenol	9.963	184	119869	75.107	ng	94
55) Dibenzofuran	10.098	168	702672	44.708	ng	99
56) 4-Nitrophenol	10.022	139	186107	82.420	ng	99
57) 2,4-Dinitrotoluene	10.086	165	172799	44.729	ng	95
58) Fluorene	10.439	166	551779	44.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	134266	43.384	ng	97
60) Diethylphthalate	10.316	149	550216	44.012	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	261853	41.932	ng	94
62) 4-Nitroaniline	10.469	138	129829	42.336	ng	100
63) Azobenzene	10.592	77	614267	45.702	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	94015	48.054	ng	86
66) n-Nitrosodiphenylamine	10.551	169	471029	46.400	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	154497	44.363	ng	100
68) Hexachlorobenzene	10.986	284	171649	44.367	ng	98
69) Atrazine	11.080	200	142833	42.438	ng	99
70) Pentachlorophenol	11.186	266	173206	75.659	ng	97
71) Phenanthrene	11.404	178	781496	45.653	ng	100
72) Anthracene	11.457	178	799616	47.057	ng	100
73) Carbazole	11.610	167	686250	44.940	ng	99
74) Di-n-butylphthalate	11.933	149	817711	46.456	ng	100
75) Fluoranthene	12.592	202	760687	43.550	ng	98
77) Benzidine	12.710	184	137653	32.729	ng	99
78) Pyrene	12.821	202	762783	45.075	ng	100
80) Butylbenzylphthalate	13.433	149	268003	52.647	ng	97
81) Benzo(a)anthracene	14.004	228	529873	47.371	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	91449	31.728	ng	# 97
83) Chrysene	14.039	228	478610	45.230	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	302289	55.678	ng	98
85) Di-n-octyl phthalate	14.598	149	403150	47.005	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	518069	48.344	ng	99
88) Benzo(b)fluoranthene	15.051	252	406544	45.248	ng	100
89) Benzo(k)fluoranthene	15.080	252	402364	45.917	ng	99
90) Benzo(a)pyrene	15.415	252	383232	48.554	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	405665	46.277	ng	100
92) Benzo(g,h,i)perylene	17.392	276	407193	43.805	ng	98

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



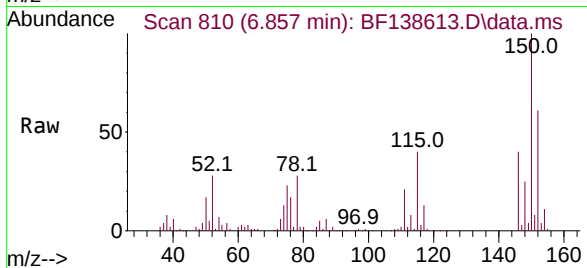
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

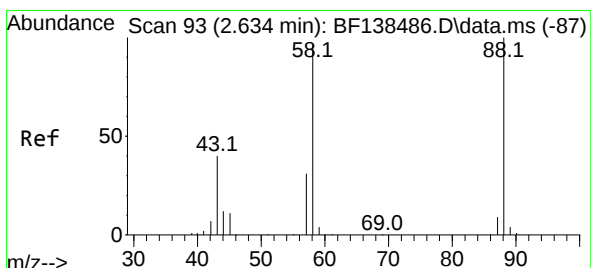
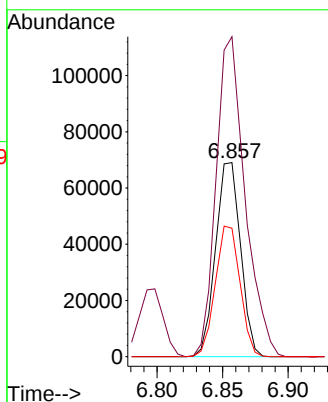
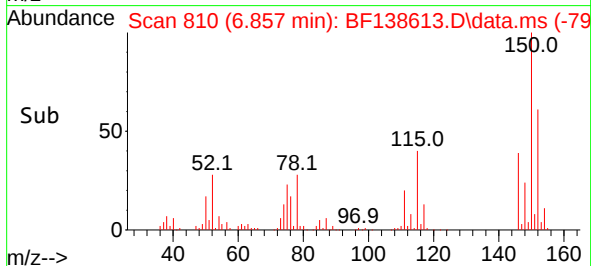


Tgt Ion:152 Resp: 9138
Ion Ratio Lower Upper
152 100
150 164.8 126.2 189.4
115 66.2 50.3 75.5

Manual Integrations

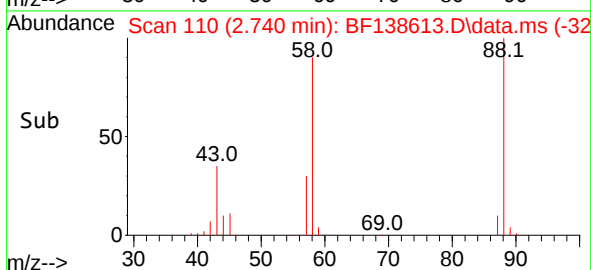
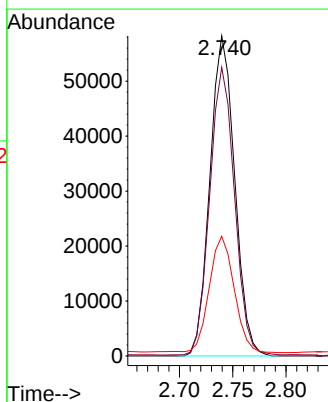
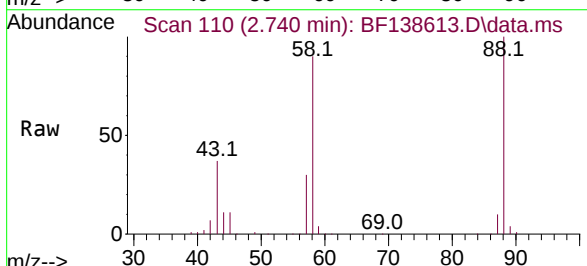
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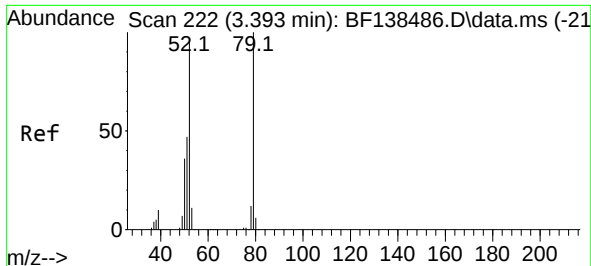
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#2
1,4-Dioxane
Concen: 36.869 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.106 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

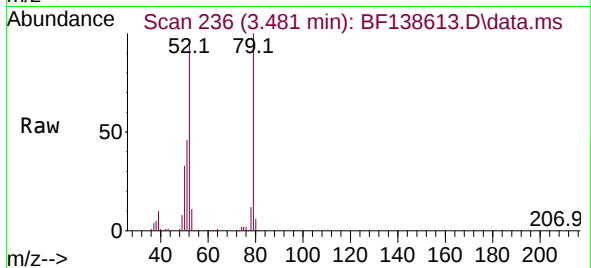
Tgt Ion: 88 Resp: 94222
Ion Ratio Lower Upper
88 100
58 89.5 74.6 112.0
43 37.0 31.8 47.6





#3
Pyridine
Concen: 40.170 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

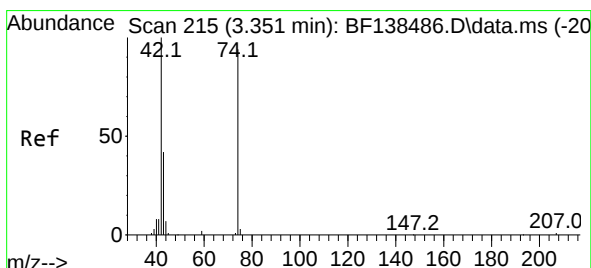
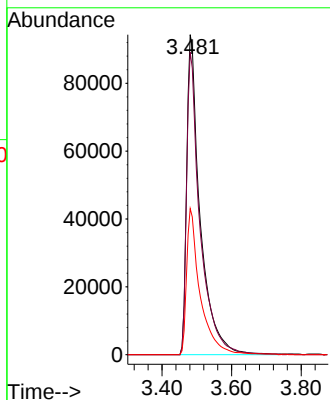
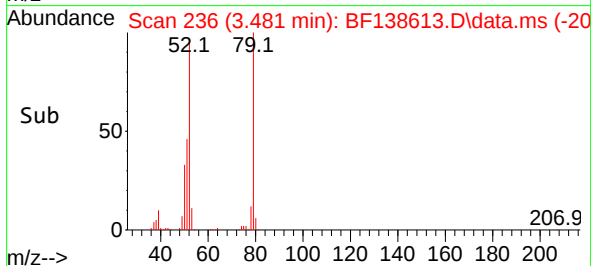
Instrument :
BNA_F
ClientSampleId :
PB162154BS



Tgt Ion: 79 Resp: 253168
Ion Ratio Lower Upper
79 100
52 94.5 77.4 116.2
51 45.6 37.4 56.0

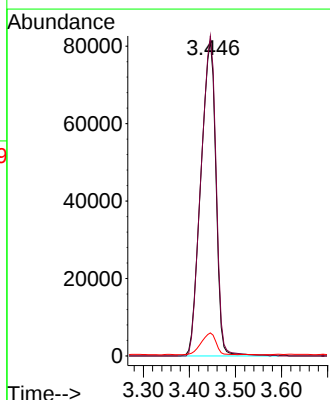
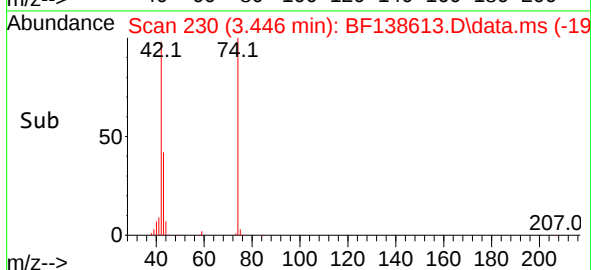
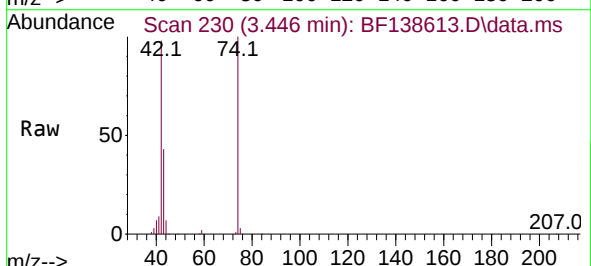
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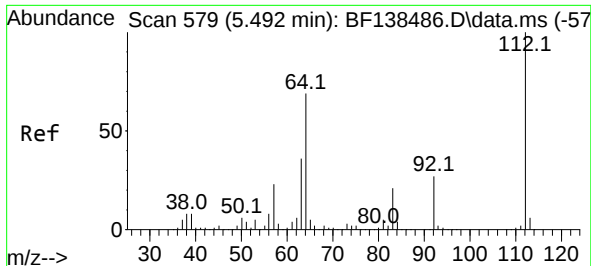
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#4
n-Nitrosodimethylamine
Concen: 45.373 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.094 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion: 42 Resp: 186149
Ion Ratio Lower Upper
42 100
74 101.7 75.0 112.6
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 125.177 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

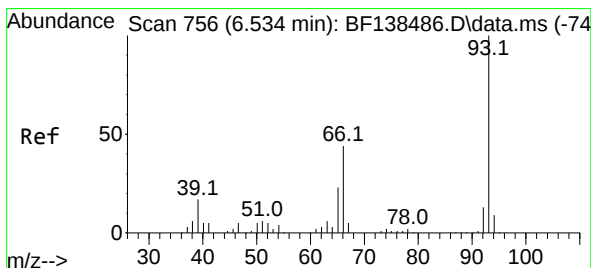
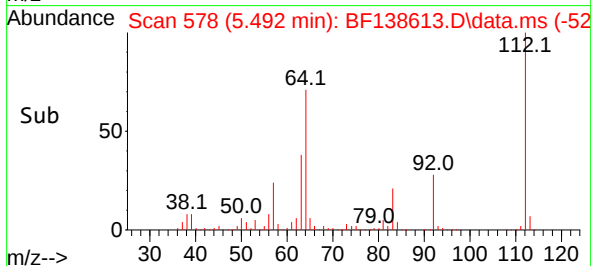
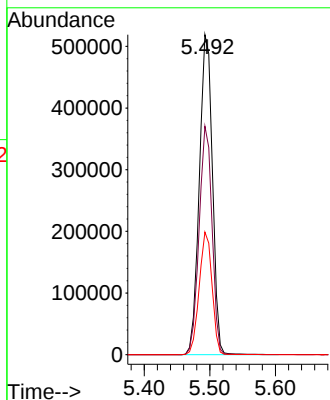
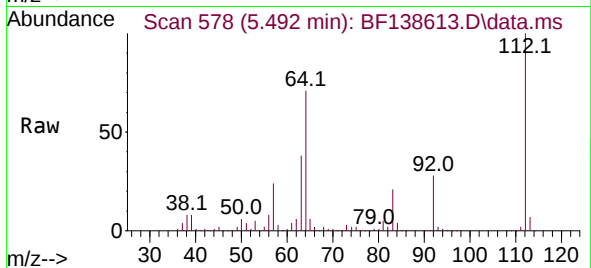
PB162154BS

Tgt Ion:112 Resp: 722300
Ion Ratio Lower Upper
112 100
64 71.4 55.1 82.7
63 38.3 29.0 43.6

Manual Integrations

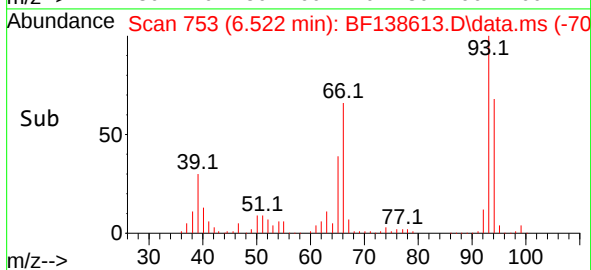
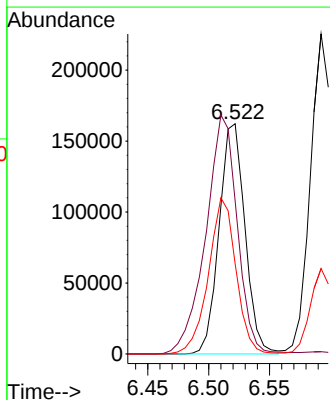
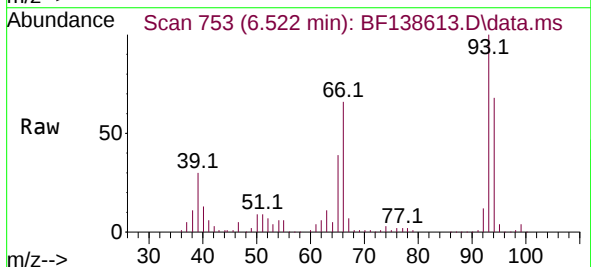
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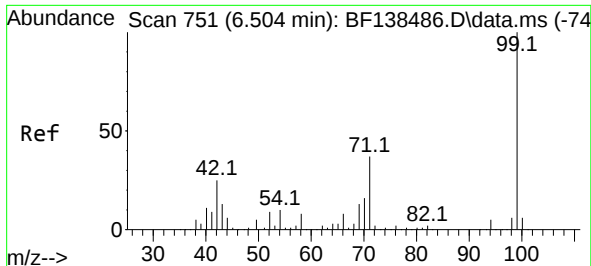
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#6
Aniline
Concen: 33.303 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

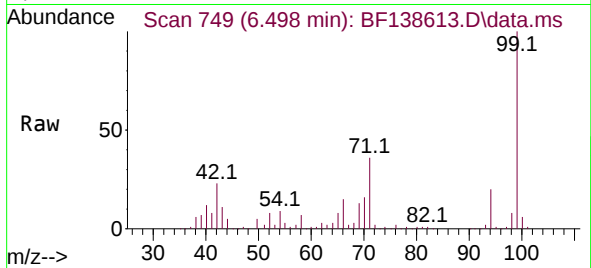
Tgt Ion: 93 Resp: 239441
Ion Ratio Lower Upper
93 100
66 66.4 35.4 53.0#
65 39.1 18.6 27.8#





#7
Phenol-d6
Concen: 126.502 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

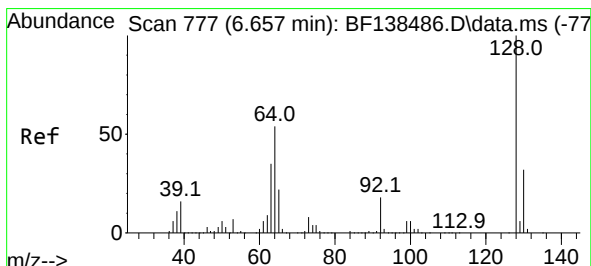
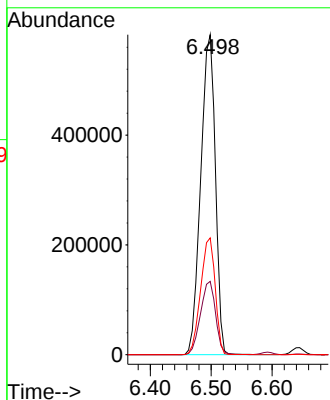
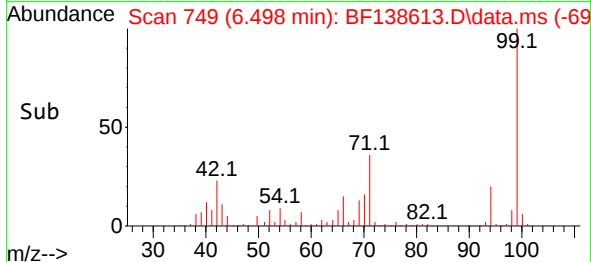
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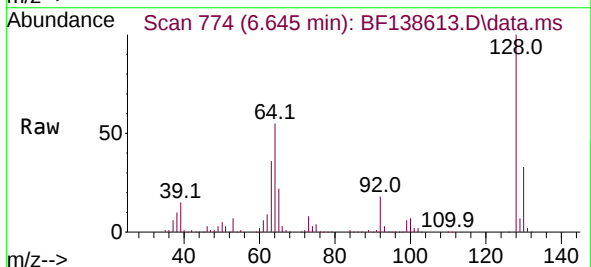
Tgt Ion: 99 Resp: 971048
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.5 29.9 44.9

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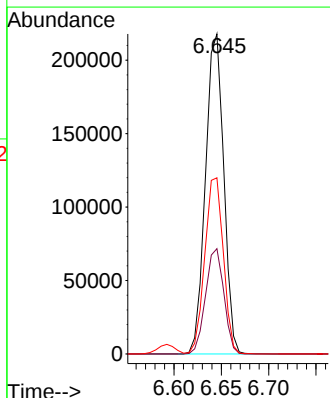
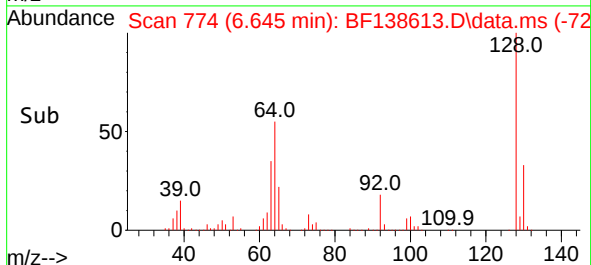
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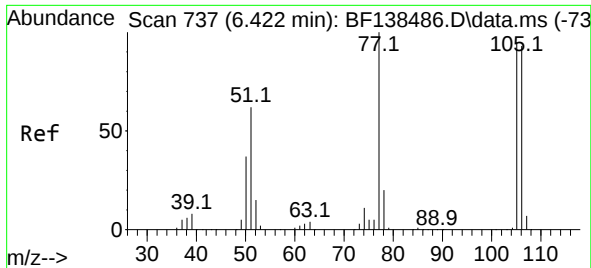


#8
2-Chlorophenol
Concen: 47.802 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



Tgt Ion:128 Resp: 291661
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 55.0 34.4 74.4





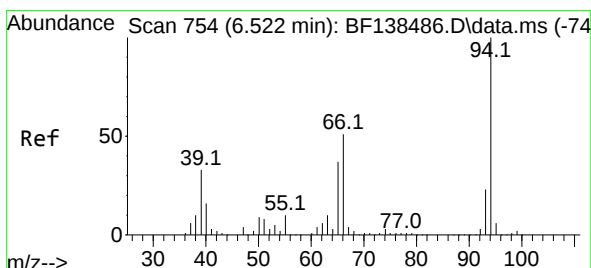
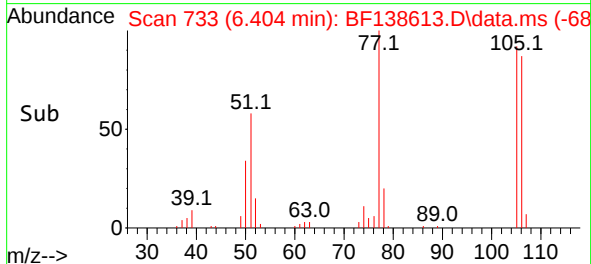
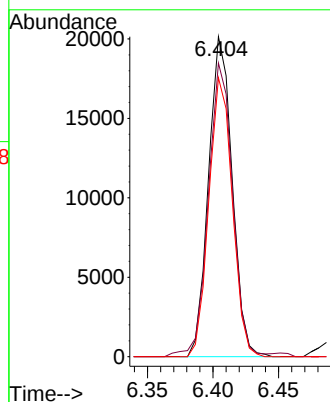
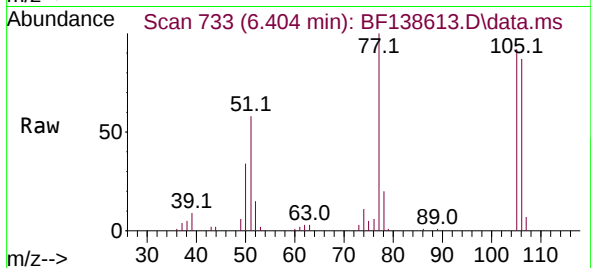
#9
Benzaldehyde
Concen: 6.142 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :
BNA_F
ClientSampleId :
PB162154BS

Tgt Ion: 77 Resp: 2523
Ion Ratio Lower Upper
77 100
105 91.7 75.1 115.1
106 87.1 73.2 113.2

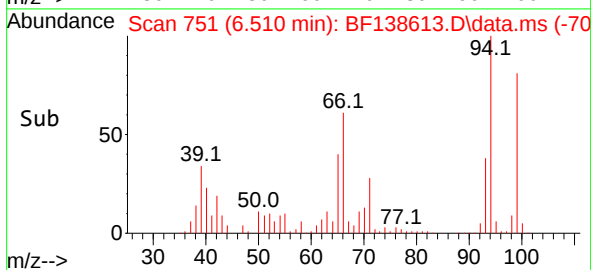
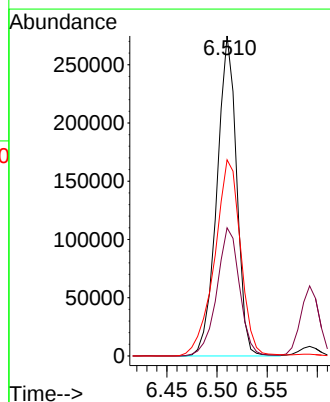
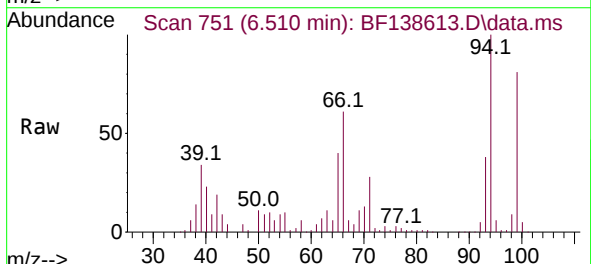
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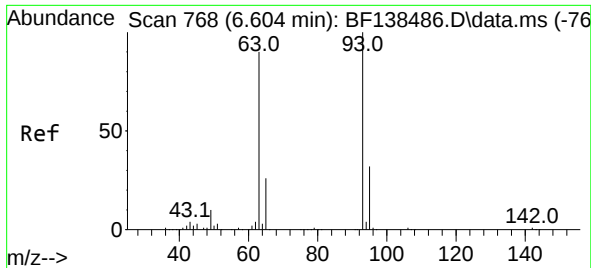
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#10
Phenol
Concen: 46.074 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion: 94 Resp: 375403
Ion Ratio Lower Upper
94 100
65 40.0 16.7 56.7
66 61.3 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 47.241 ng
RT: 6.592 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

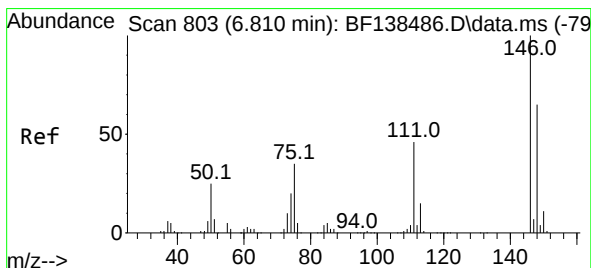
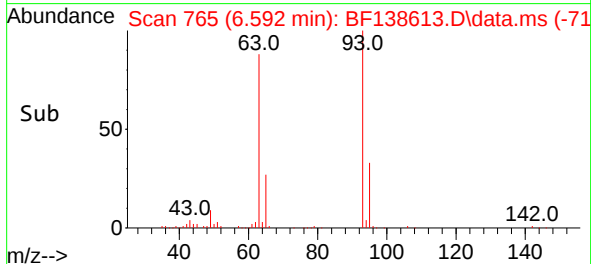
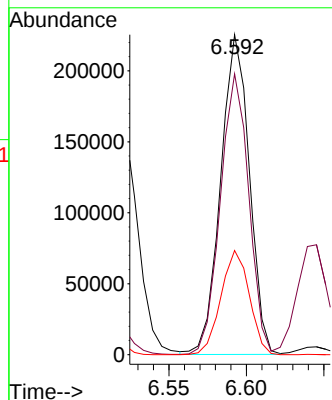
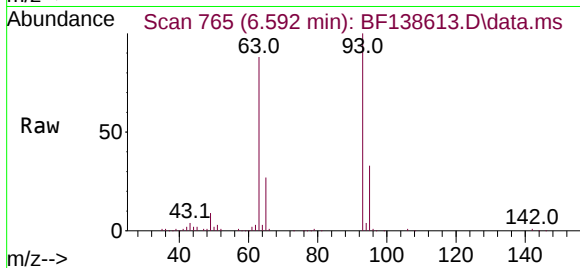
ClientSampleId :

PB162154BS

Tgt Ion: 93 Resp: 289798
Ion Ratio Lower Upper
93 100
63 87.8 68.8 108.8
95 32.5 11.8 51.8

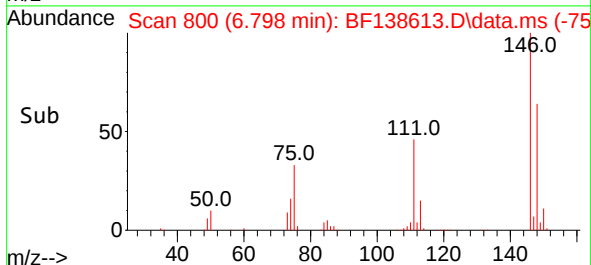
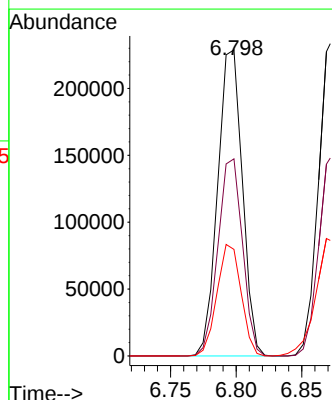
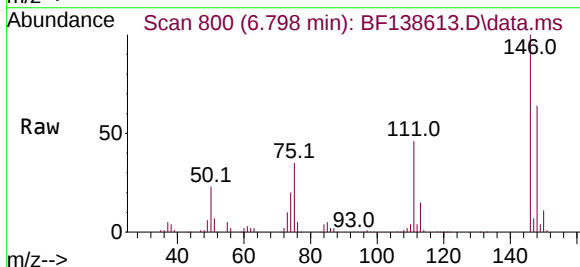
Manual Integrations
APPROVED

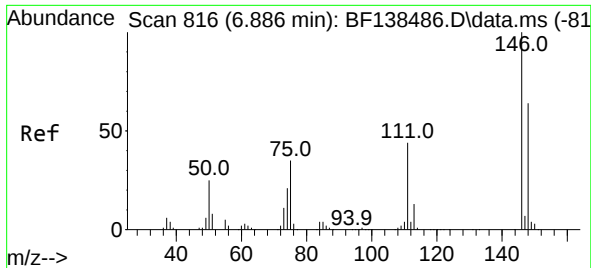
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#12
1,3-Dichlorobenzene
Concen: 43.631 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:146 Resp: 299234
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
75 34.8 27.8 41.8





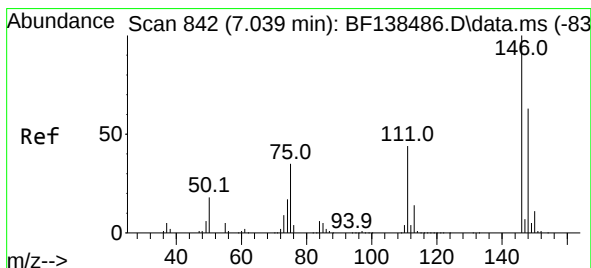
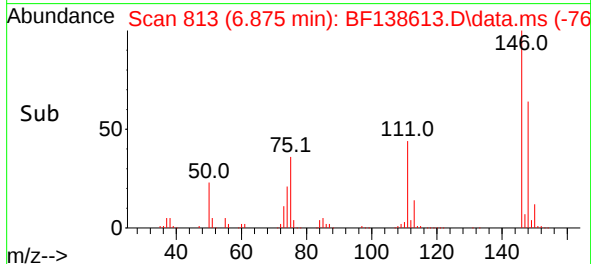
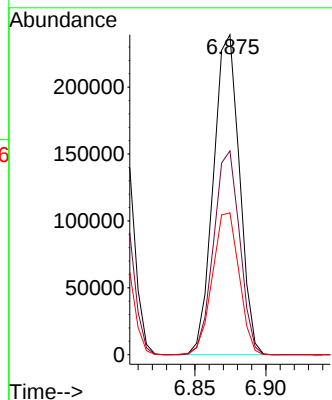
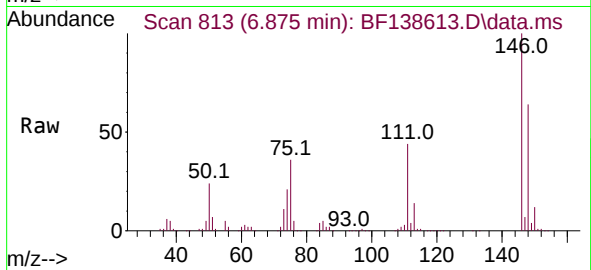
#13
1,4-Dichlorobenzene
Concen: 43.897 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :
BNA_F
ClientSampleId :
PB162154BS

Tgt Ion:146 Resp: 30572
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
111 44.3 34.9 52.3

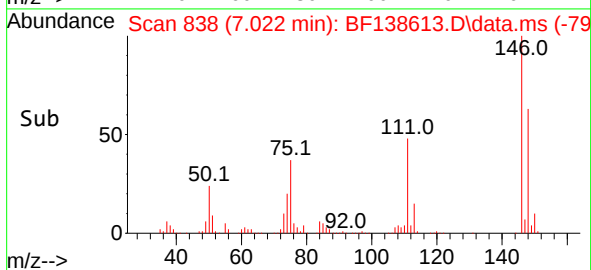
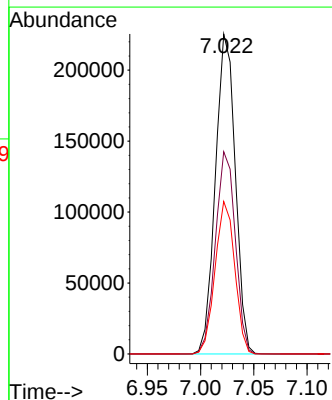
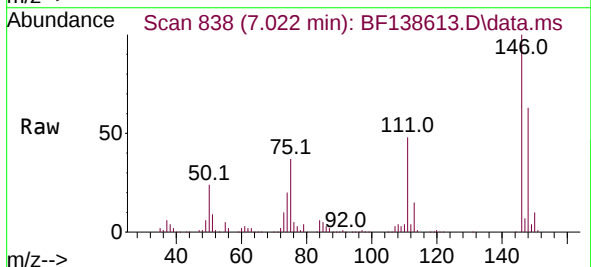
Manual Integrations
APPROVED

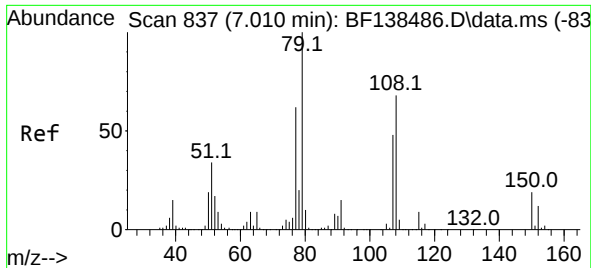
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#14
1,2-Dichlorobenzene
Concen: 45.063 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

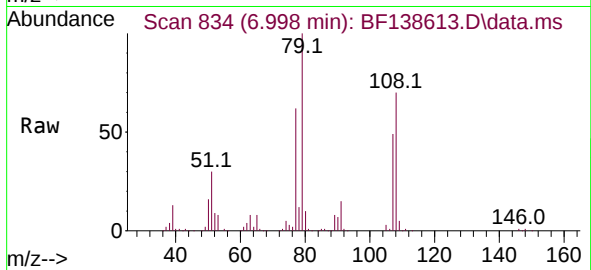
Tgt Ion:146 Resp: 292303
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 47.6 35.5 53.3





#15
Benzyl Alcohol
Concen: 47.965 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

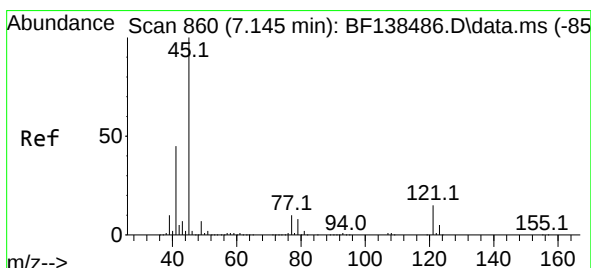
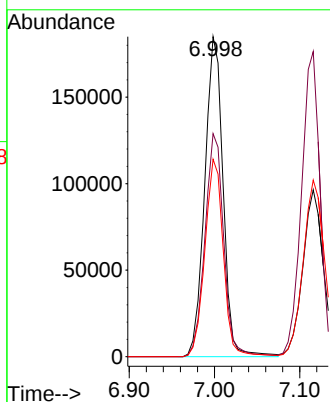
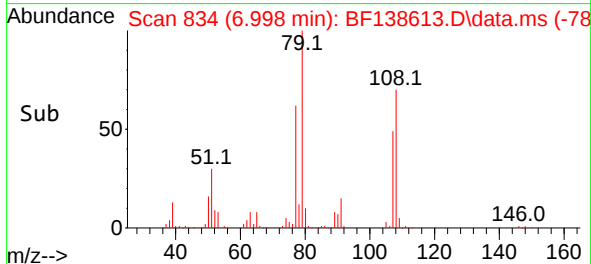
Instrument :
BNA_F
ClientSampleId :
PB162154BS



Tgt Ion: 79 Resp: 276314
Ion Ratio Lower Upper
79 100
108 69.7 54.3 81.5
77 61.7 50.0 75.0

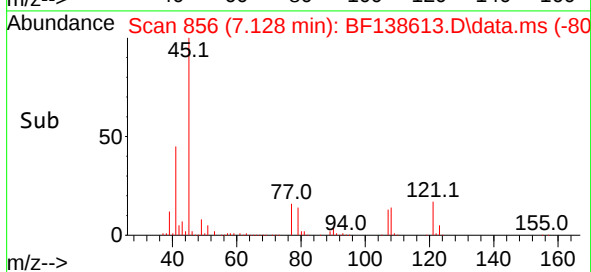
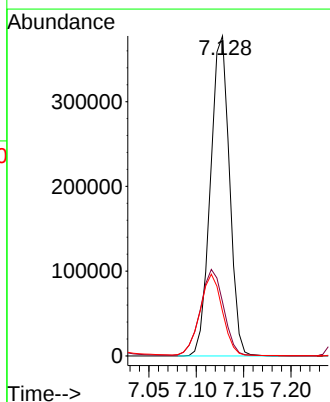
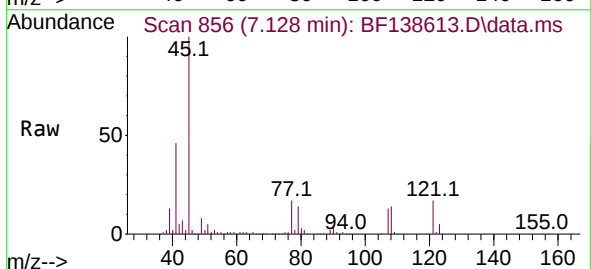
Manual Integrations
APPROVED

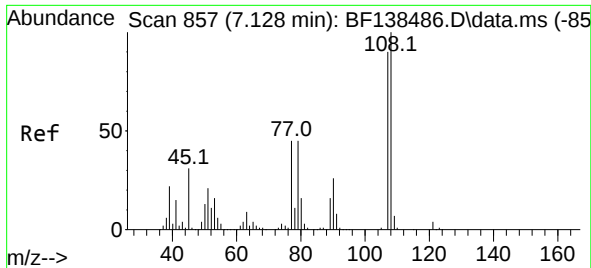
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.755 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion: 45 Resp: 527848
Ion Ratio Lower Upper
45 100
77 16.9 0.0 30.4
79 13.9 0.0 28.1





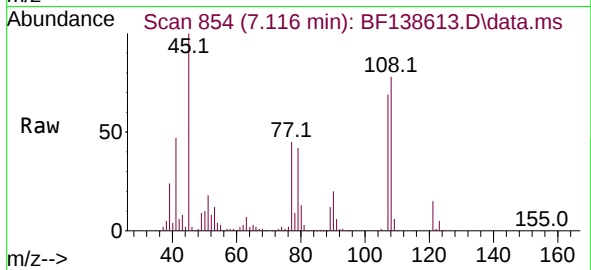
#17
2-Methylphenol
Concen: 47.313 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

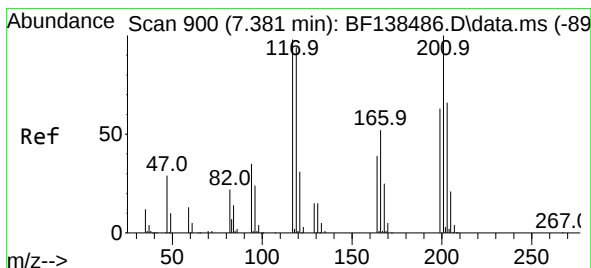
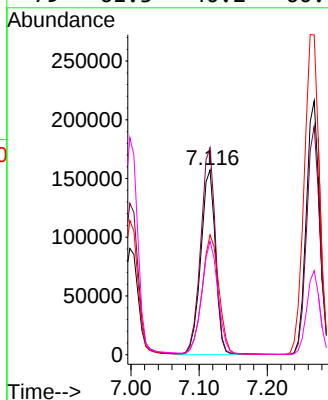
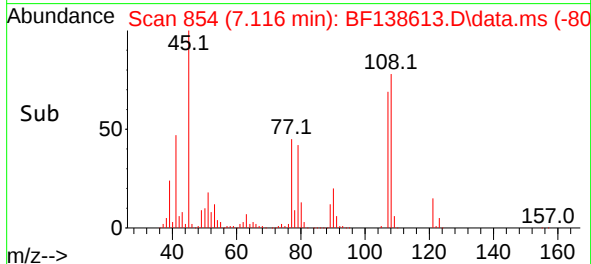


Tgt Ion:107 Resp: 236589
Ion Ratio Lower Upper
107 100
108 112.0 89.0 133.4
77 64.9 40.3 60.5
79 61.3 40.2 60.4#

Manual Integrations

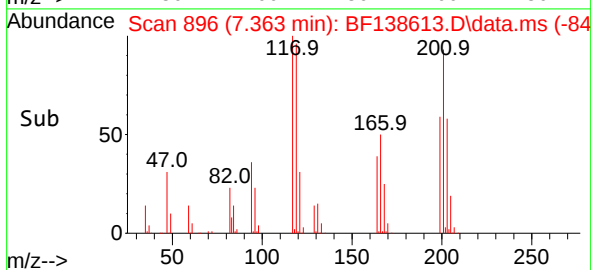
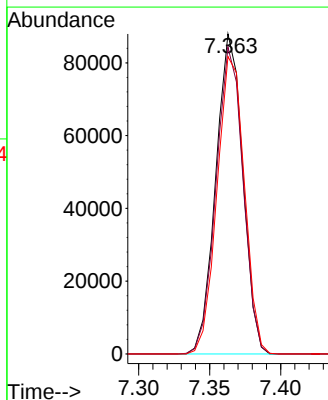
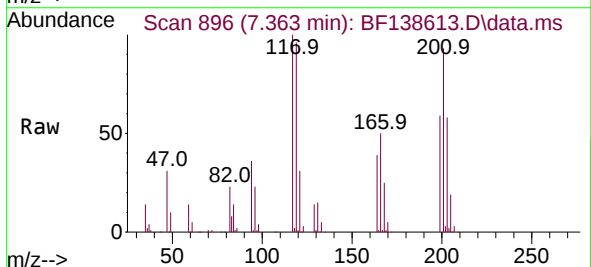
APPROVED

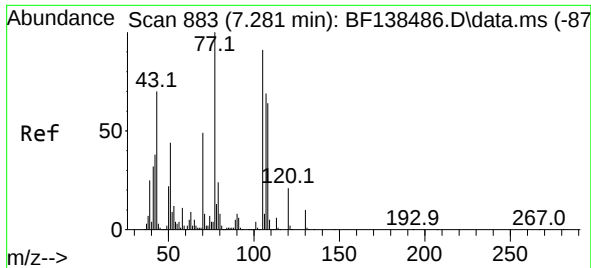
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#18
Hexachloroethane
Concen: 45.291 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:117 Resp: 115960
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8
201 92.9 81.4 122.0





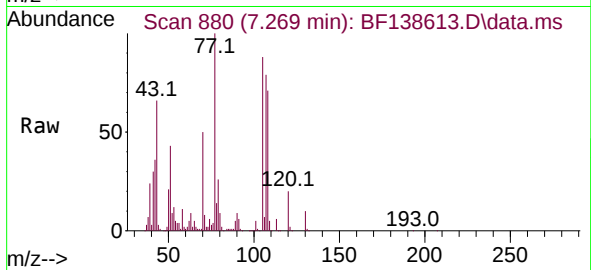
#19
n-Nitroso-di-n-propylamine
Concen: 47.222 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

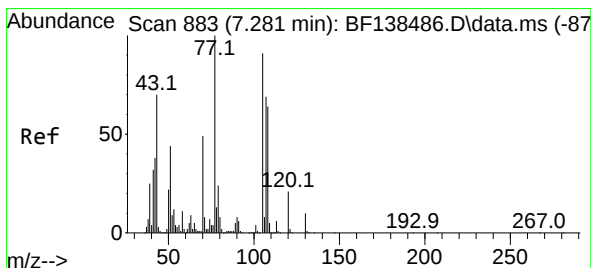
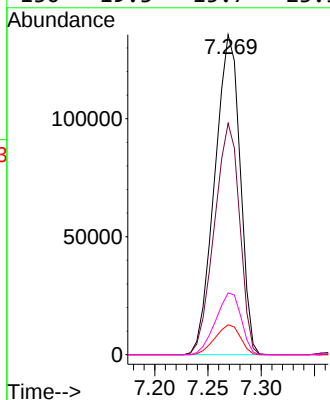
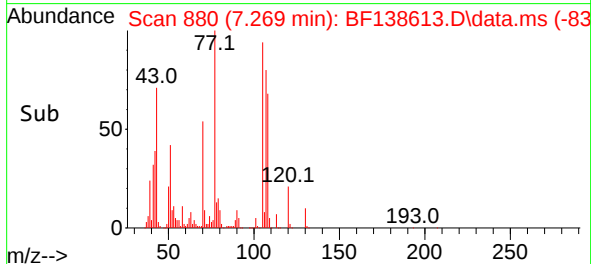


Tgt Ion: 70 Resp: 223979
Ion Ratio Lower Upper
70 100
42 72.3 62.4 93.6
101 9.3 7.2 10.8
130 19.3 15.7 23.5

Manual Integrations

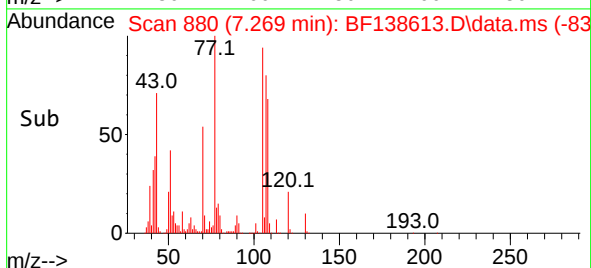
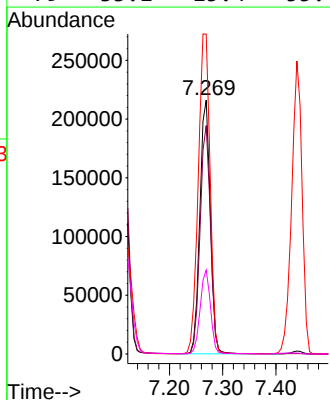
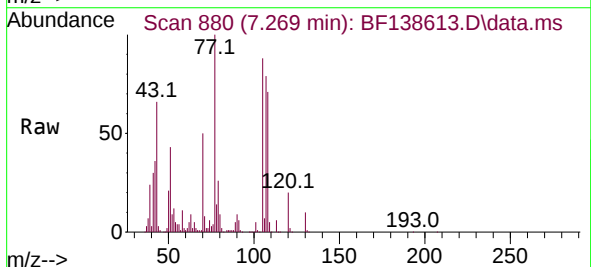
APPROVED

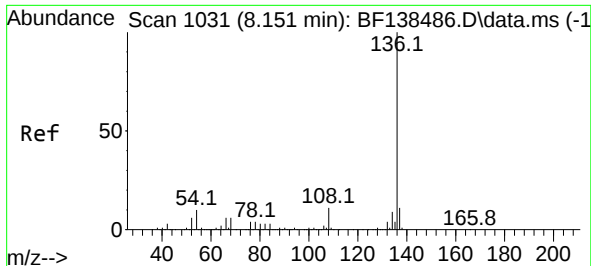
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#20
3+4-Methylphenols
Concen: 46.667 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:107 Resp: 293857
Ion Ratio Lower Upper
107 100
108 90.0 73.7 113.7
77 125.9 126.0 166.0#
79 33.1 15.4 55.4





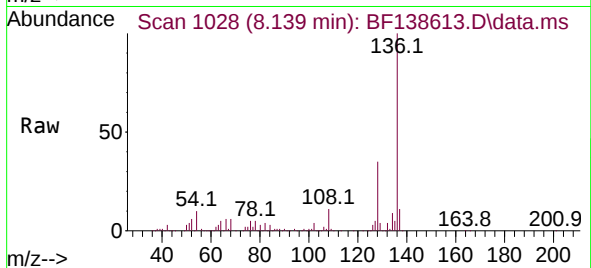
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

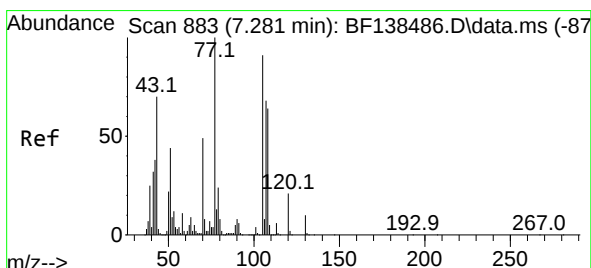
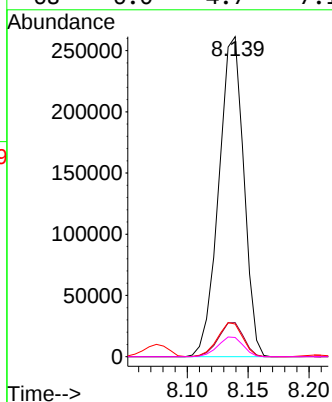
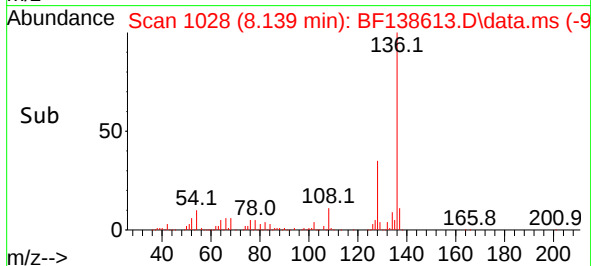


Tgt Ion:136 Resp: 373439
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.2 8.1 12.1
68 6.0 4.7 7.1

Manual Integrations

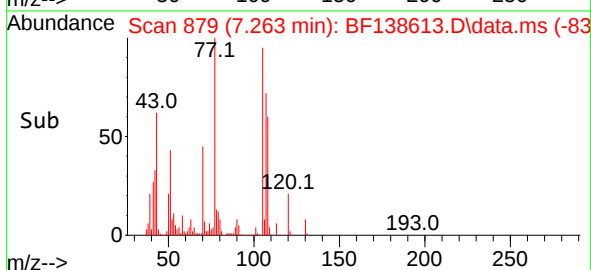
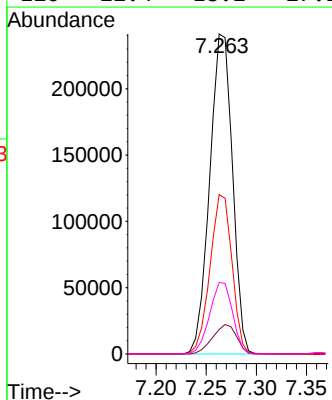
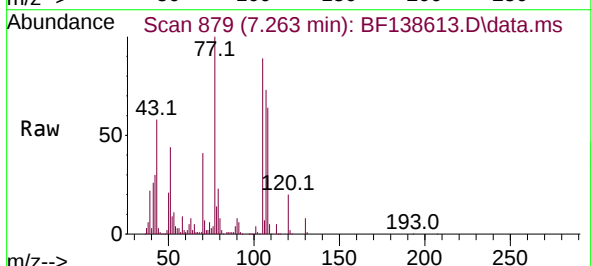
APPROVED

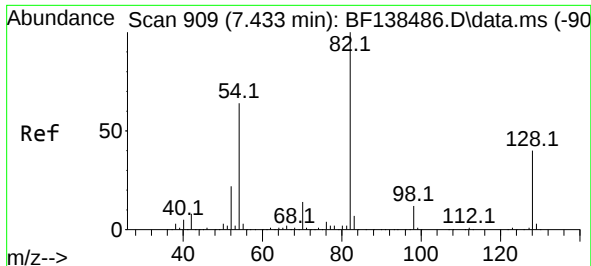
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#22
Acetophenone
Concen: 41.971 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:105 Resp: 380669
Ion Ratio Lower Upper
105 100
71 7.6 7.4 11.2
51 49.8 38.7 58.1
120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.786 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

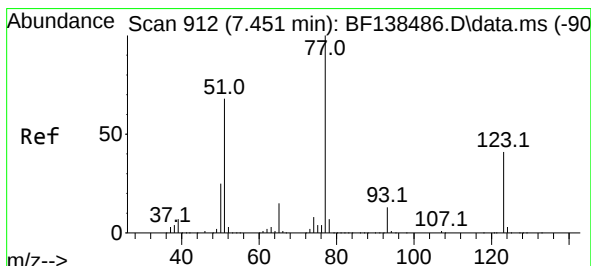
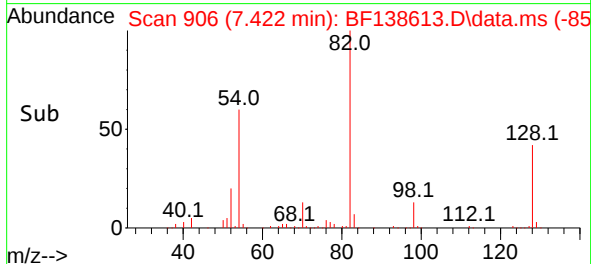
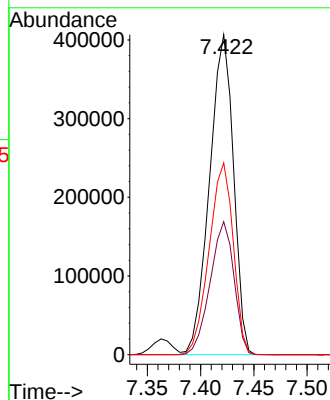
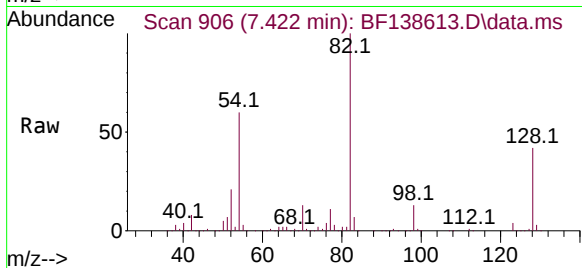
Tgt Ion: 82 Resp: 63728

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.3	48.5
54	59.9	51.4	77.0

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 43.805 ng

RT: 7.439 min Scan# 909

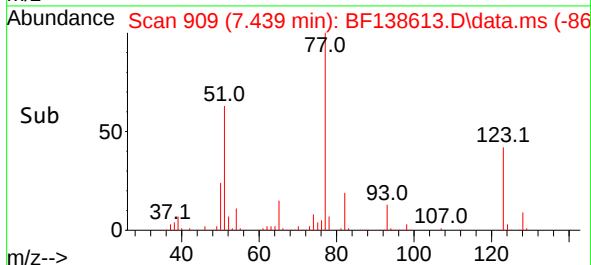
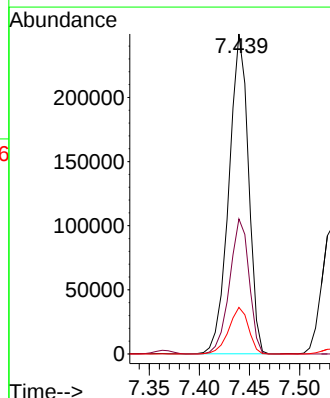
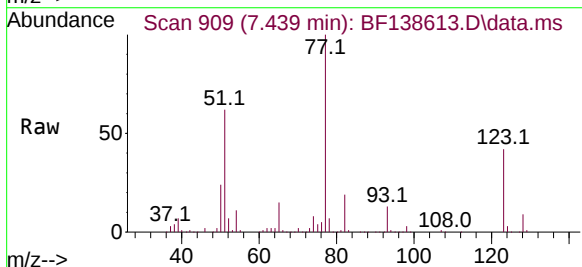
Delta R.T. -0.012 min

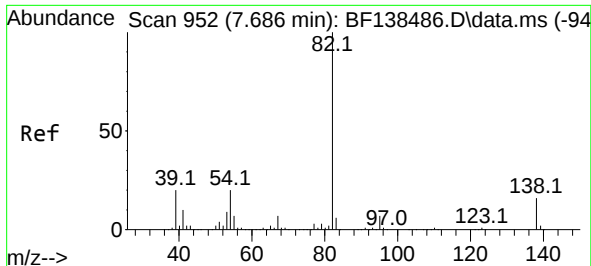
Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Tgt Ion: 77 Resp: 338583

Ion	Ratio	Lower	Upper
77	100		
123	42.2	32.4	48.6
65	14.6	11.8	17.8





#25
Isophorone
Concen: 46.174 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

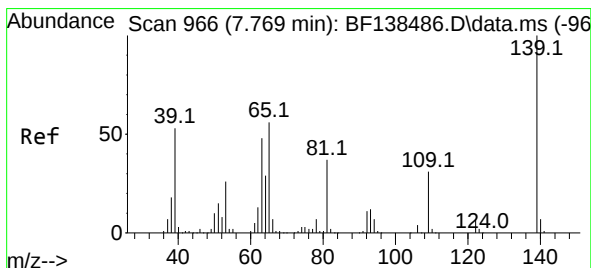
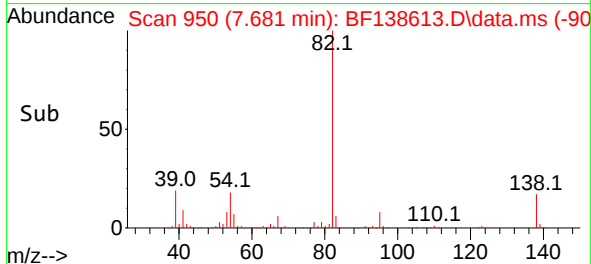
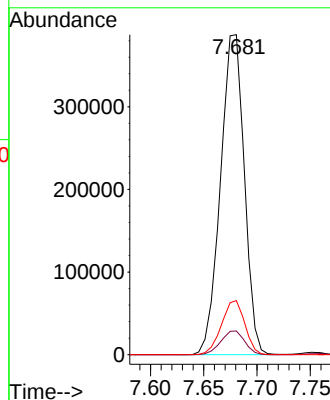
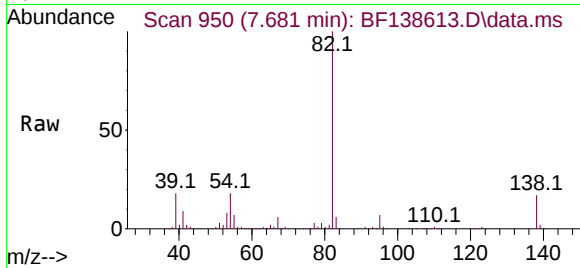
ClientSampleId :

PB162154BS

Tgt Ion: 82 Resp: 60312
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.9 12.8 19.2

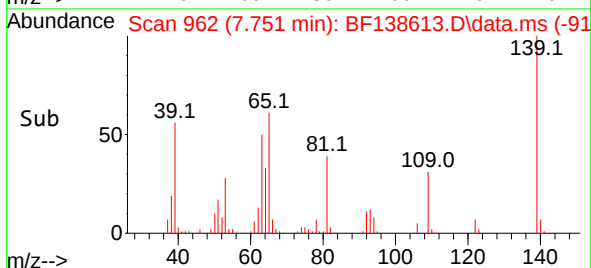
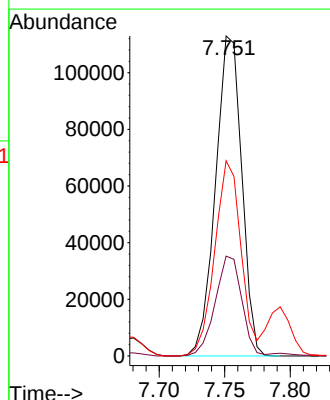
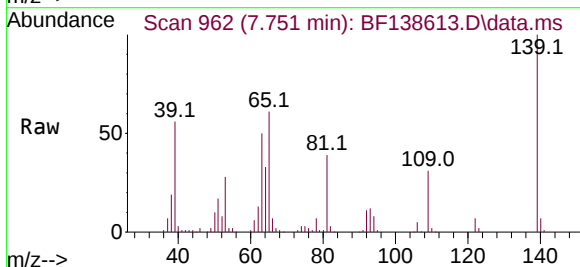
Manual Integrations
APPROVED

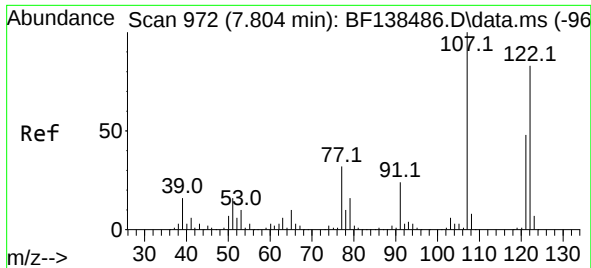
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#26
2-Nitrophenol
Concen: 47.443 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:139 Resp: 157170
Ion Ratio Lower Upper
139 100
109 31.2 24.8 37.2
65 61.0 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 49.719 ng m
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

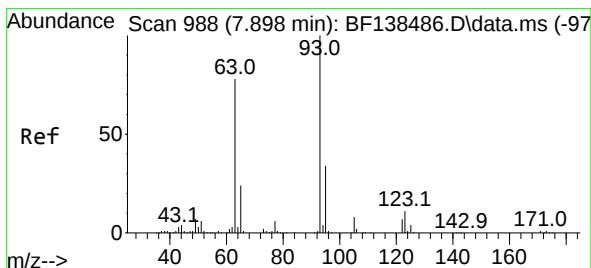
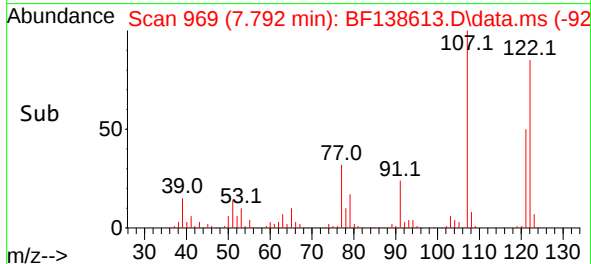
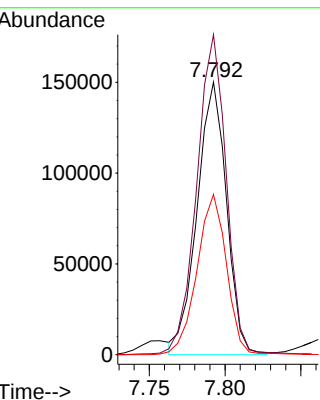
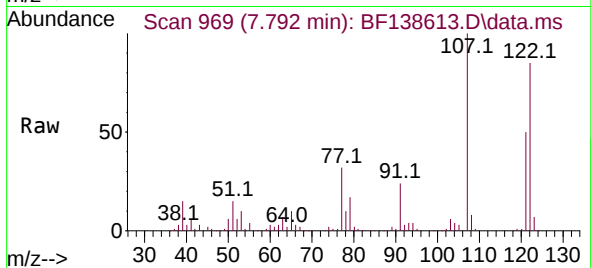
PB162154BS

Tgt Ion:122 Resp: 202438
Ion Ratio Lower Upper
122 100
107 117.4 96.3 144.5
121 58.8 46.7 70.1

Manual Integrations

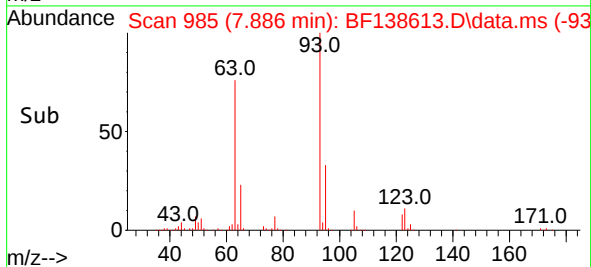
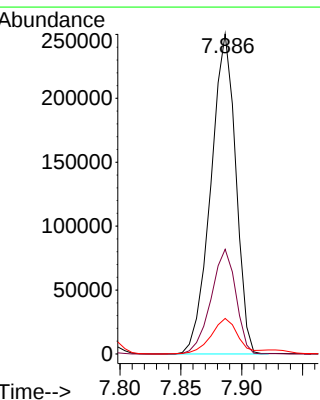
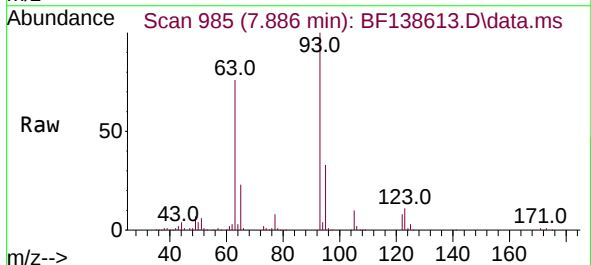
APPROVED

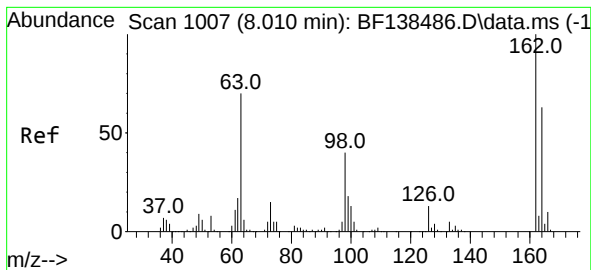
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.658 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion: 93 Resp: 356419
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.6
123 11.1 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 44.044 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

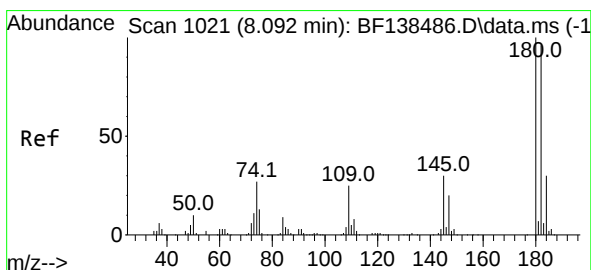
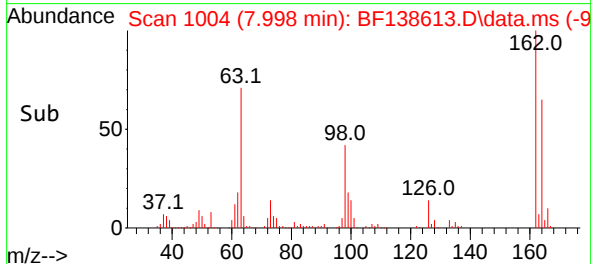
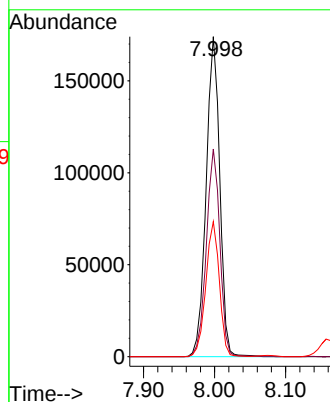
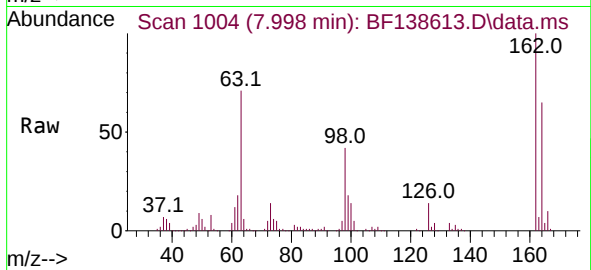
PB162154BS

Tgt Ion:162 Resp: 23288
Ion Ratio Lower Upper
162 100
164 64.9 42.6 82.6
98 42.2 20.1 60.1

Manual Integrations

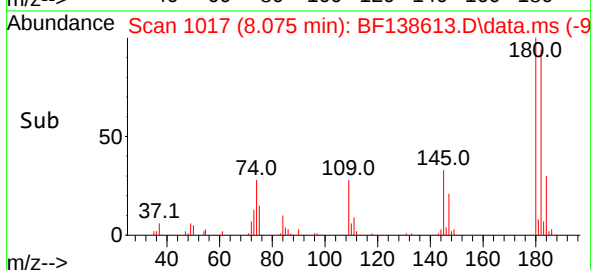
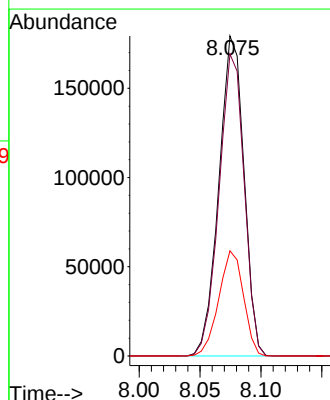
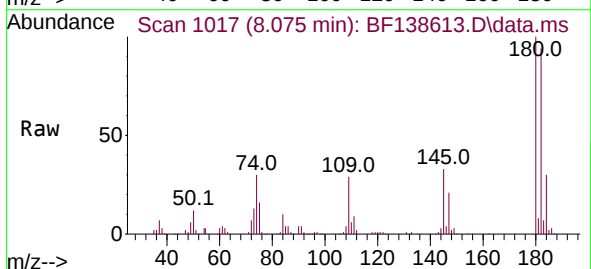
APPROVED

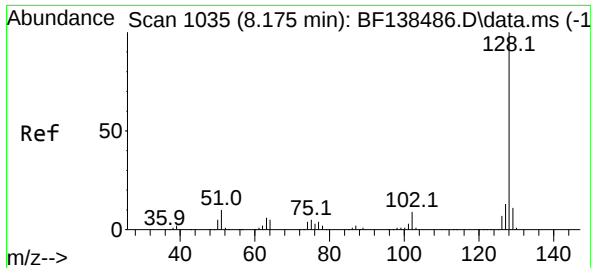
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.726 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:180 Resp: 257010
Ion Ratio Lower Upper
180 100
182 94.4 76.9 115.3
145 32.9 23.9 35.9





#31
Naphthalene
Concen: 44.224 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

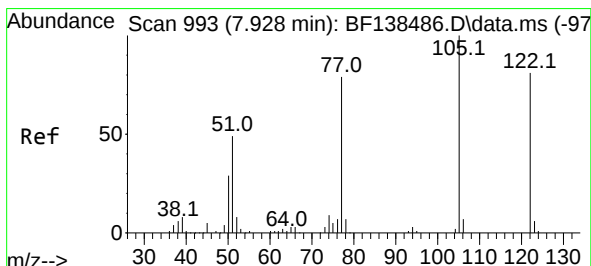
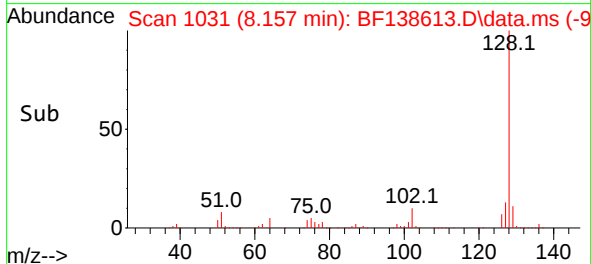
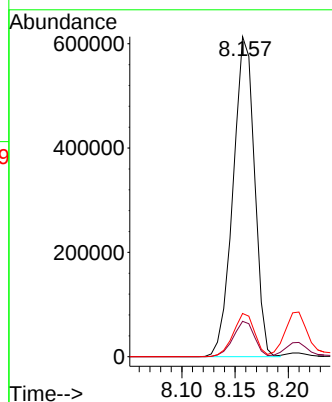
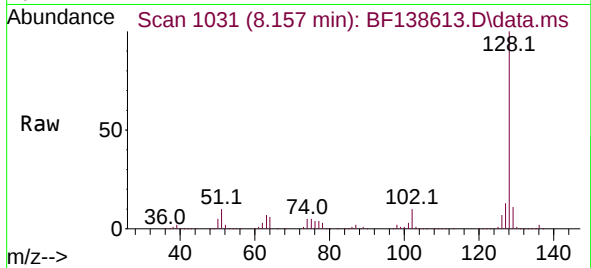
PB162154BS

Tgt Ion:128 Resp: 858918
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1

Manual Integrations

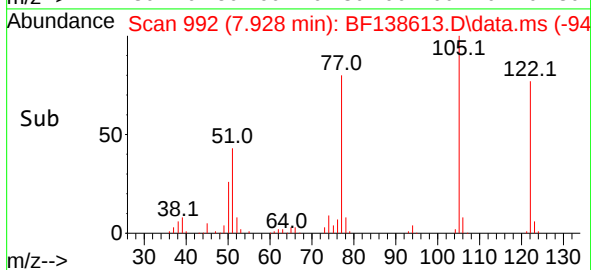
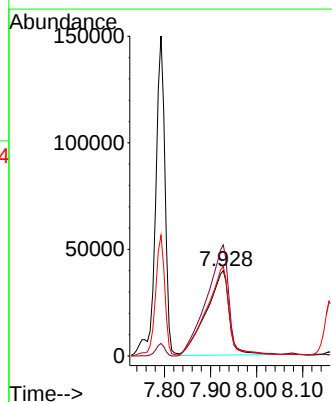
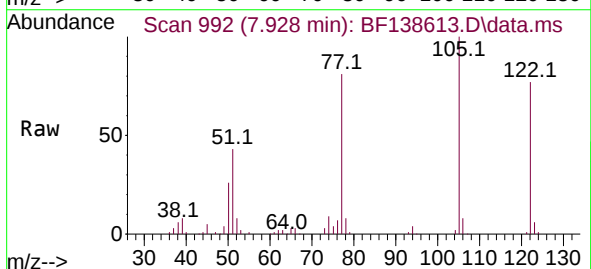
APPROVED

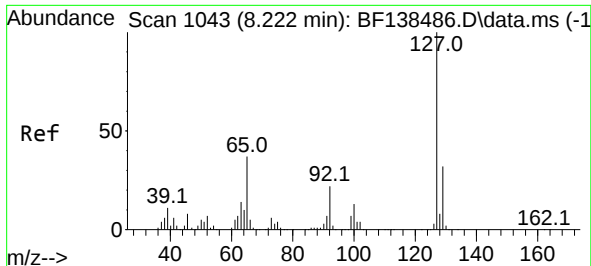
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#32
Benzoic acid
Concen: 34.926 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:122 Resp: 135633
Ion Ratio Lower Upper
122 100
105 129.9 101.5 141.5
77 104.7 77.3 117.3





#33
4-Chloroaniline
Concen: 20.419 ng
RT: 8.210 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

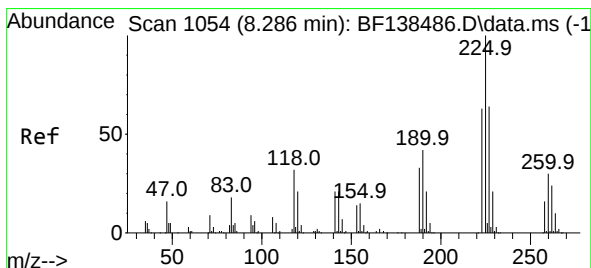
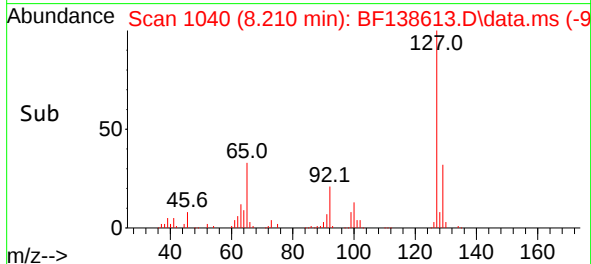
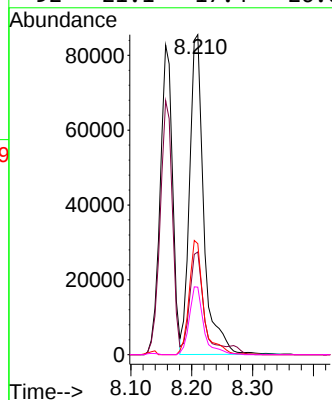
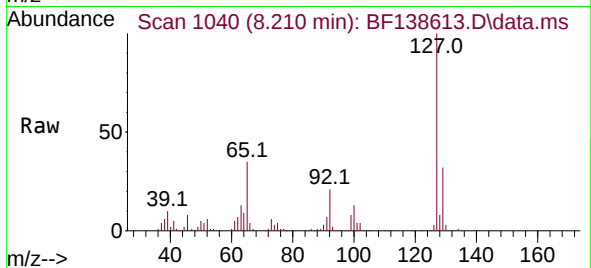
PB162154BS

Tgt Ion:127 Resp: 13914
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 34.7 29.6 44.4
92 21.1 17.4 26.0

Manual Integrations

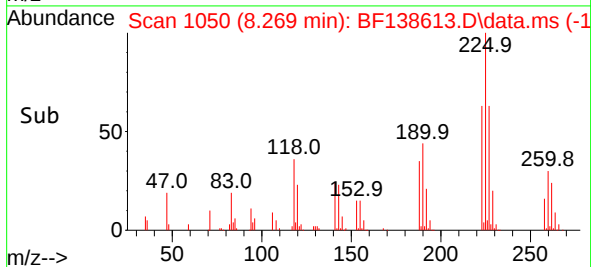
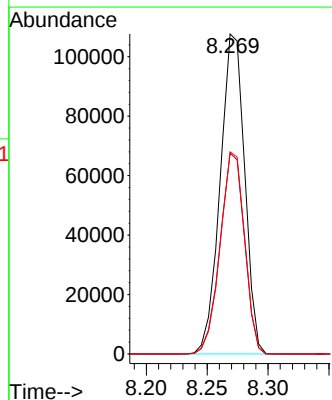
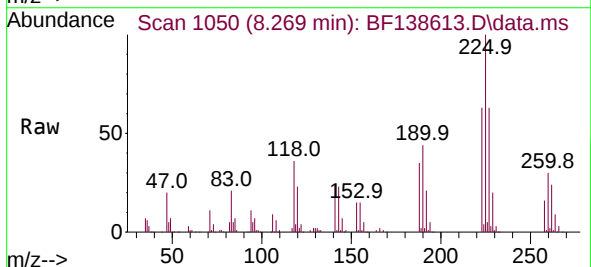
APPROVED

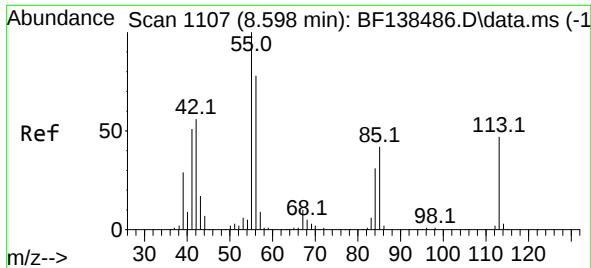
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#34
Hexachlorobutadiene
Concen: 39.722 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

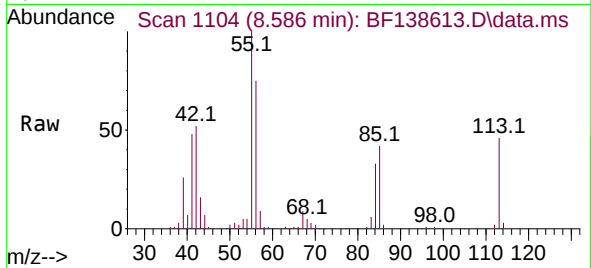
Tgt Ion:225 Resp: 150664
Ion Ratio Lower Upper
225 100
223 62.8 50.0 75.0
227 63.2 51.0 76.6





#35
Caprolactam
Concen: 41.885 ng m
RT: 8.586 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

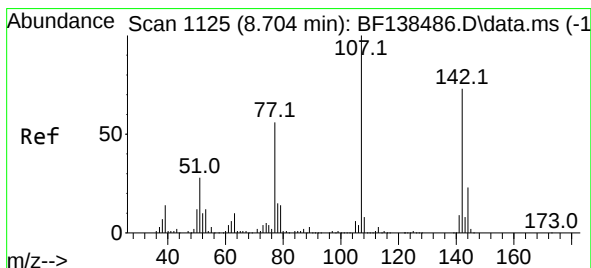
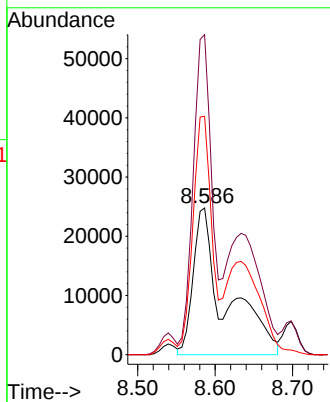
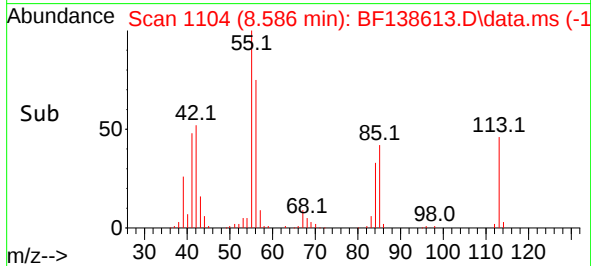
Instrument :
BNA_F
ClientSampleId :
PB162154BS



Tgt Ion:113 Resp: 7146
Ion Ratio Lower Upper
113 100
55 218.0 192.5 232.5
56 162.4 145.3 185.3

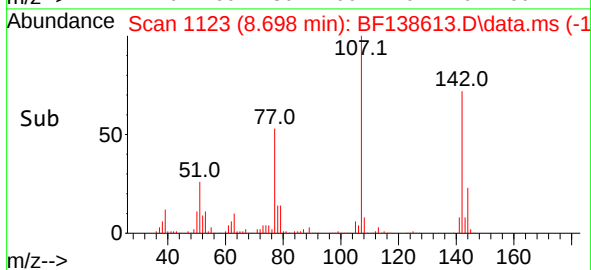
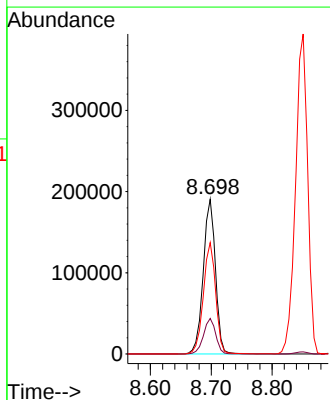
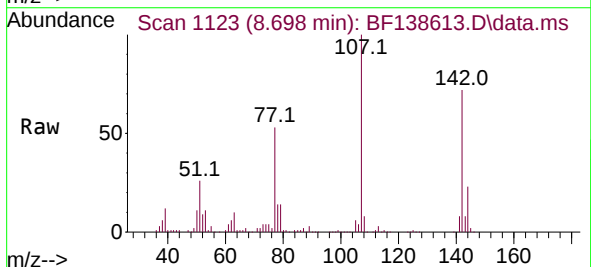
Manual Integrations
APPROVED

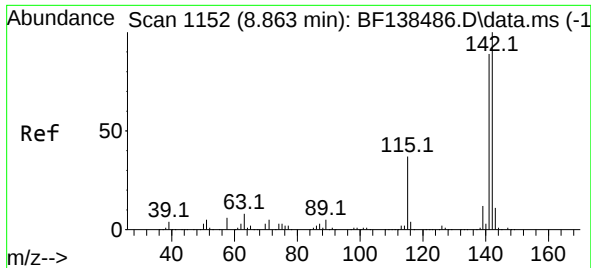
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#36
4-Chloro-3-methylphenol
Concen: 45.007 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:107 Resp: 266414
Ion Ratio Lower Upper
107 100
144 22.9 18.6 27.8
142 71.9 58.6 88.0





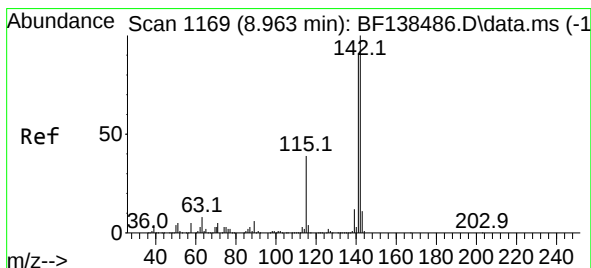
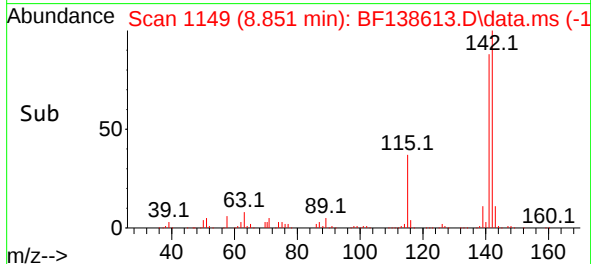
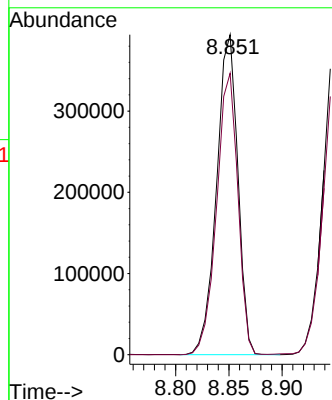
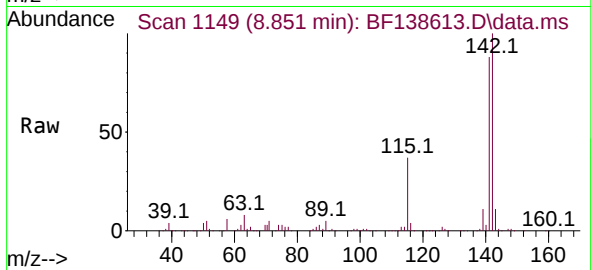
#37
2-Methylnaphthalene
Concen: 43.629 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :
BNA_F
ClientSampleId :
PB162154BS

Tgt Ion:142 Resp: 545294
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0

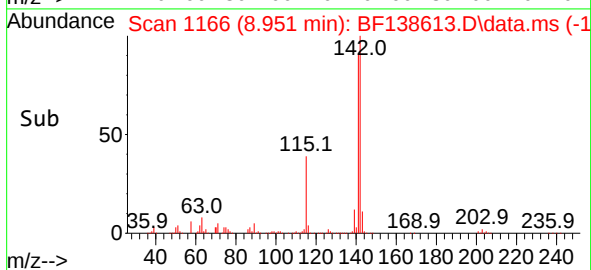
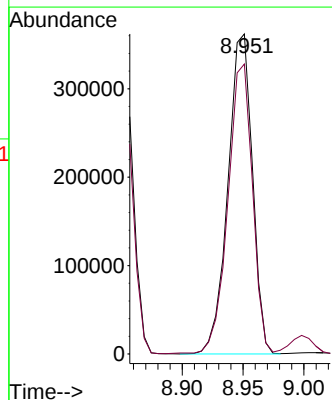
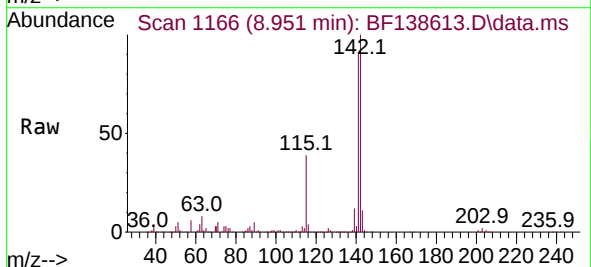
Manual Integrations
APPROVED

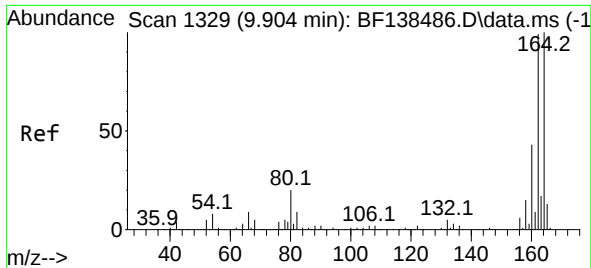
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#38
1-Methylnaphthalene
Concen: 41.507 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:142 Resp: 506299
Ion Ratio Lower Upper
142 100
141 90.6 72.6 108.8





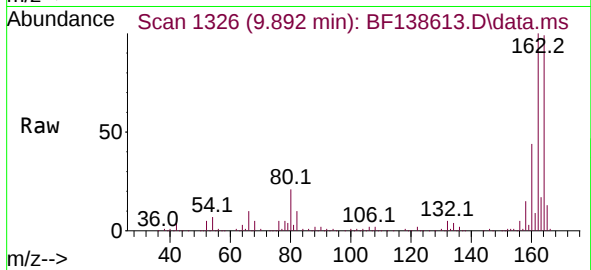
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

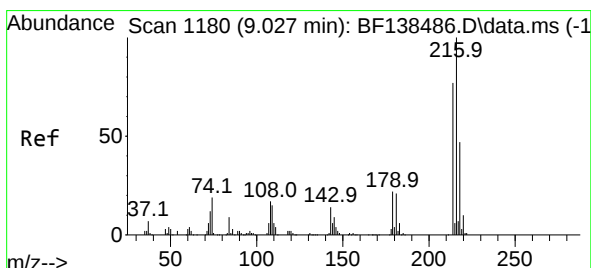
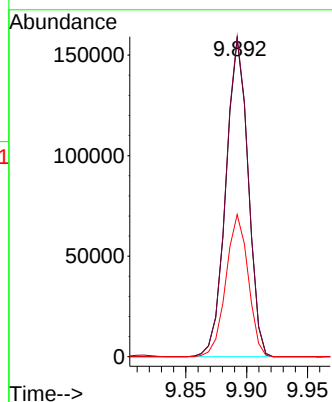
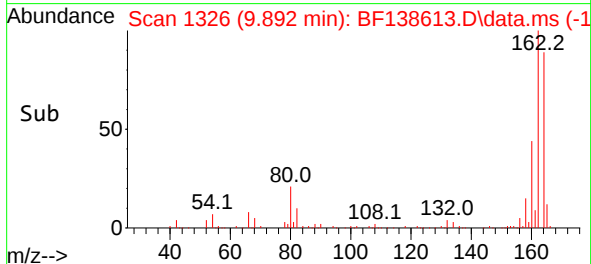


Tgt Ion:164 Resp: 200548
Ion Ratio Lower Upper
164 100
162 100.9 79.0 118.6
160 44.8 34.4 51.6

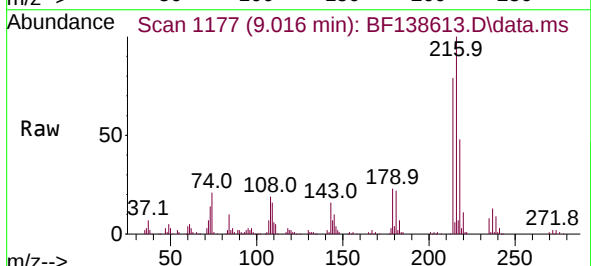
Manual Integrations

APPROVED

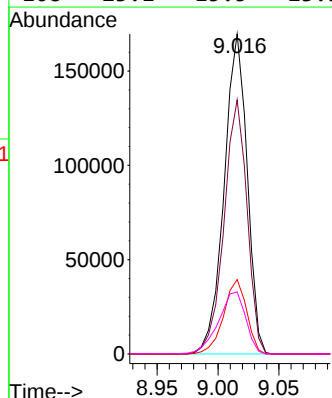
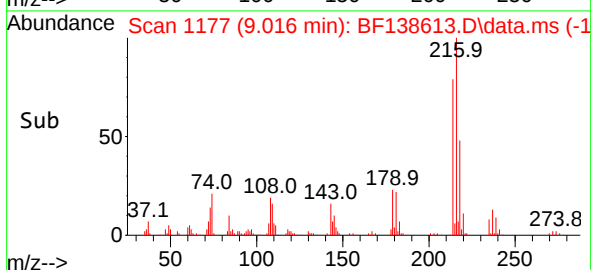
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

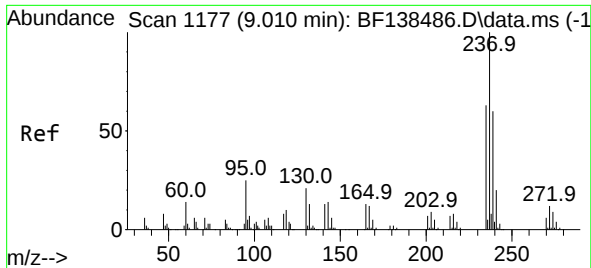


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.915 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



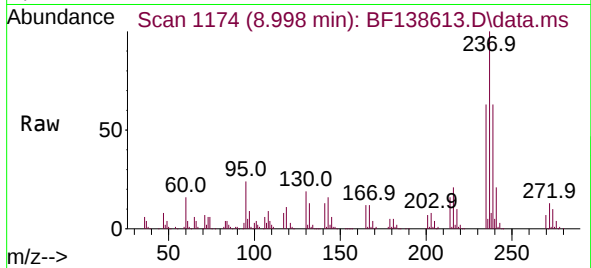
Tgt Ion:216 Resp: 223102
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
179 23.3 17.7 26.5
108 23.1 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 118.681 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

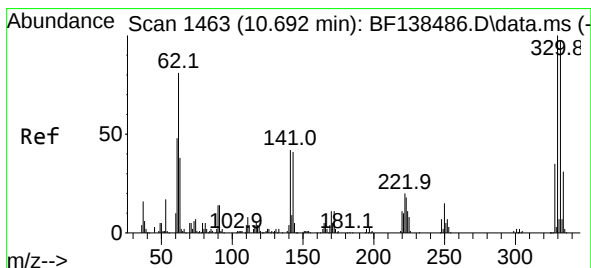
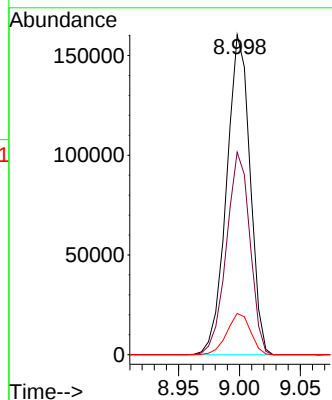
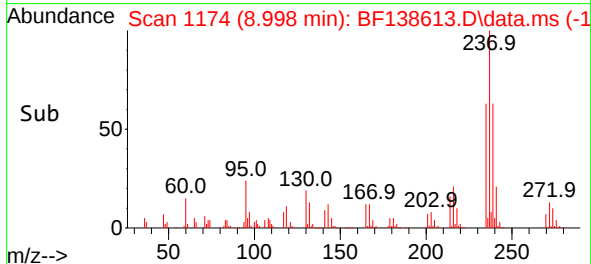
Instrument :
BNA_F
ClientSampleId :
PB162154BS



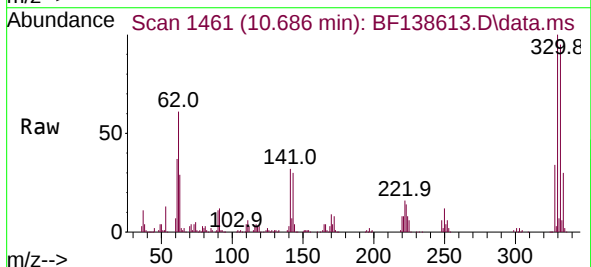
Tgt Ion:237 Resp: 21531
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 12.9 0.0 32.3

Manual Integrations
APPROVED

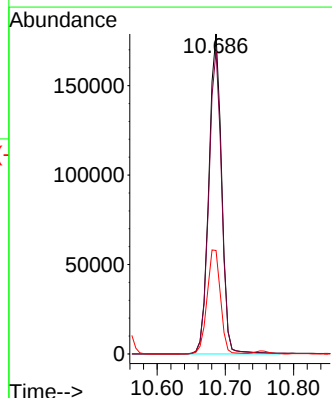
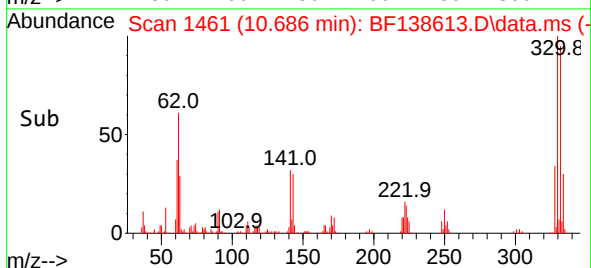
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

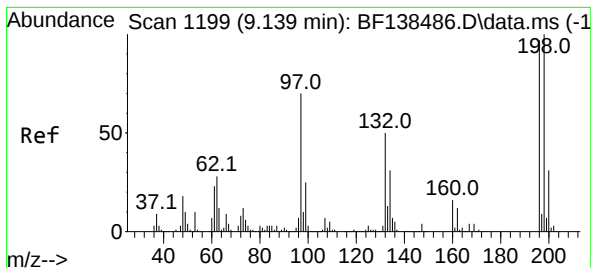


#42
2,4,6-Tribromophenol
Concen: 124.681 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



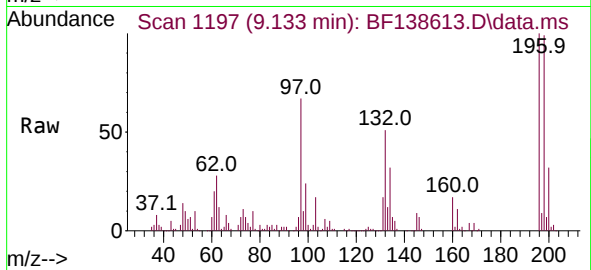
Tgt Ion:330 Resp: 233693
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 34.0 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 43.780 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

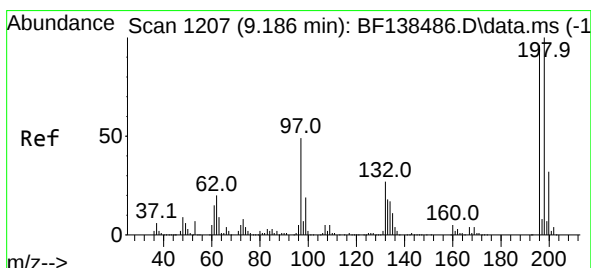
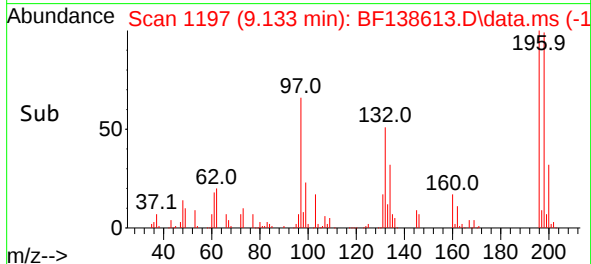
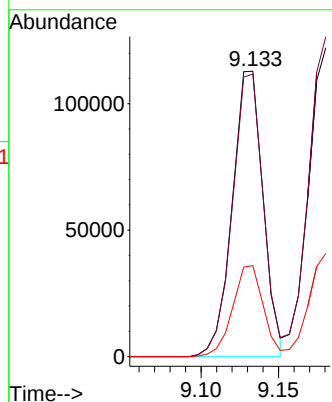
Instrument :
BNA_F
ClientSampleId :
PB162154BS



Tgt Ion:196 Resp: 156092
Ion Ratio Lower Upper
196 100
198 99.0 82.3 123.5
200 31.9 25.8 38.6

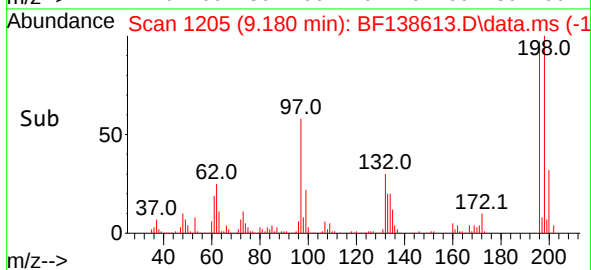
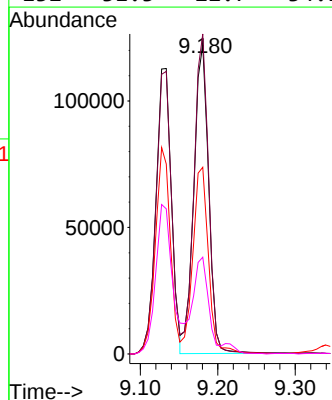
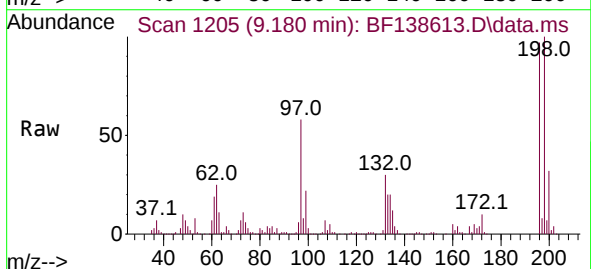
Manual Integrations
APPROVED

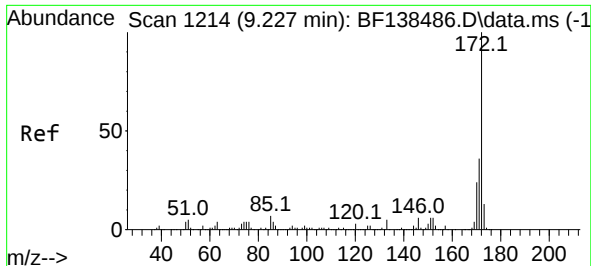
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#44
2,4,5-Trichlorophenol
Concen: 41.236 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:196 Resp: 161705
Ion Ratio Lower Upper
196 100
198 103.5 82.8 124.2
97 60.4 41.0 61.4
132 31.3 22.7 34.1





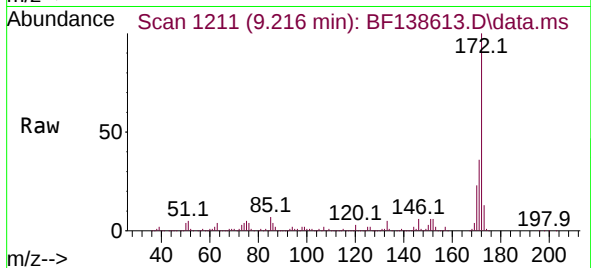
#45
2-Fluorobiphenyl
Concen: 82.587 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

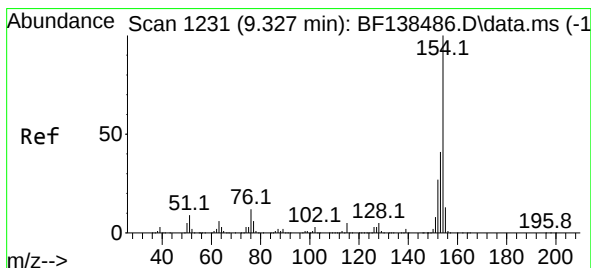
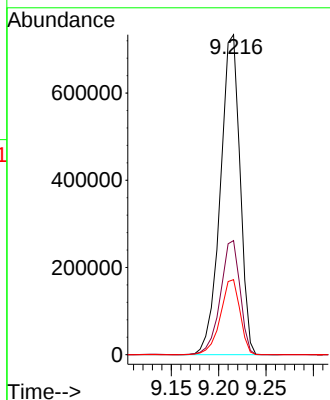
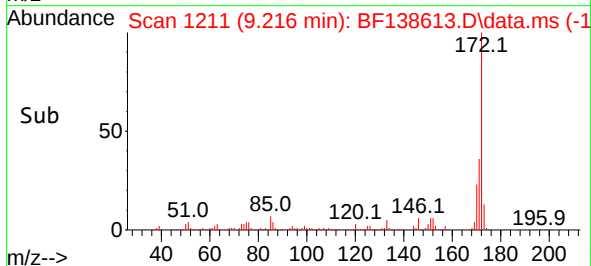


Tgt Ion:172 Resp: 105973
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.5 18.9 28.3

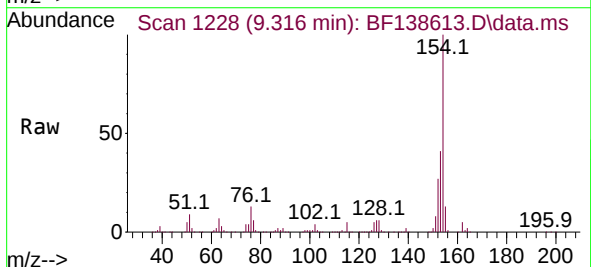
Manual Integrations

APPROVED

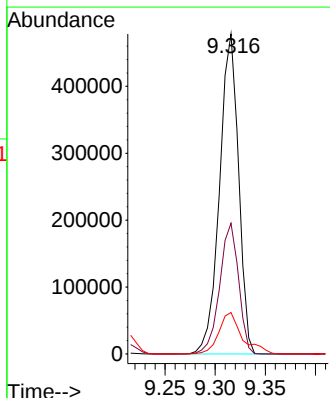
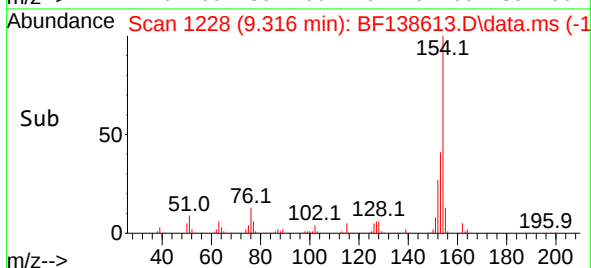
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

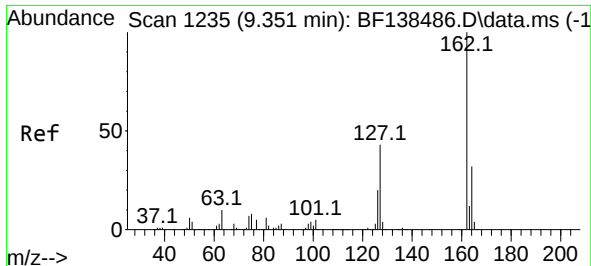


#46
1,1'-Biphenyl
Concen: 41.362 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



Tgt Ion:154 Resp: 628632
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 12.9 0.0 32.2





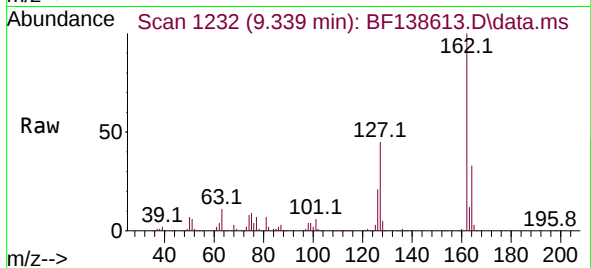
#47
2-Chloronaphthalene
Concen: 43.373 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

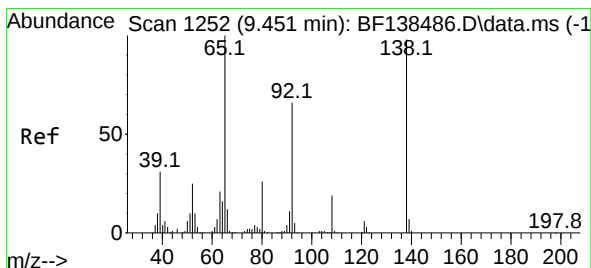
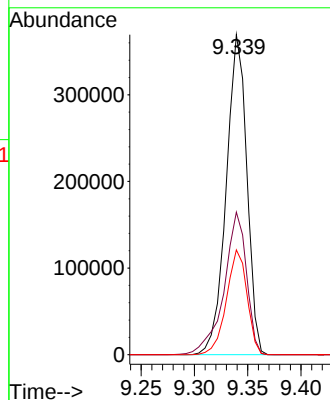
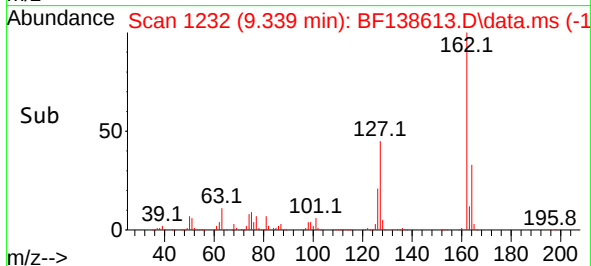


Tgt Ion:162 Resp: 49799
Ion Ratio Lower Upper
162 100
127 44.6 34.8 52.2
164 32.8 25.6 38.4

Manual Integrations

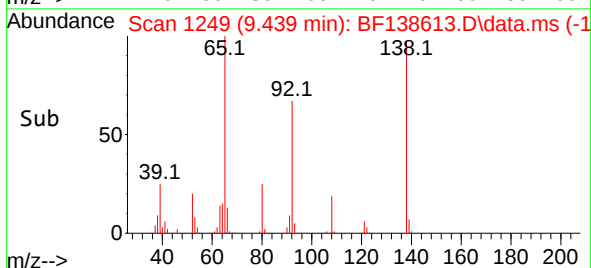
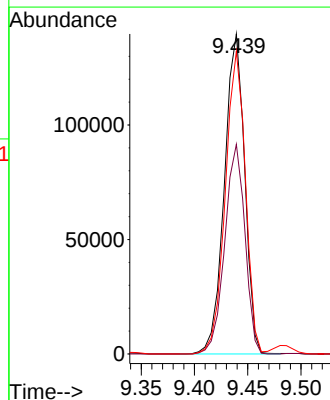
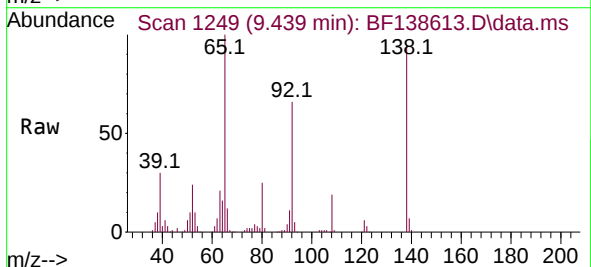
APPROVED

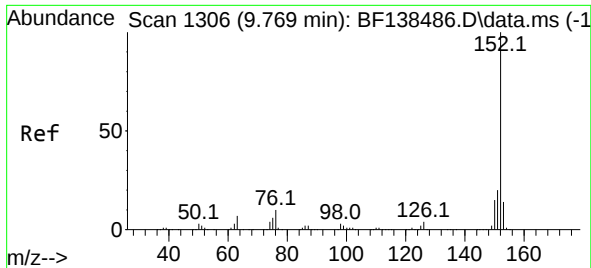
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#48
2-Nitroaniline
Concen: 46.391 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion: 65 Resp: 184579
Ion Ratio Lower Upper
65 100
92 65.5 52.6 78.8
138 94.6 78.6 118.0





#49
Acenaphthylene
Concen: 48.120 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

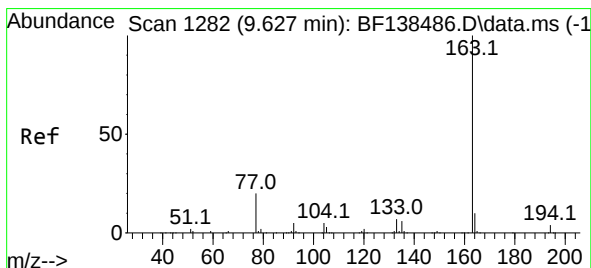
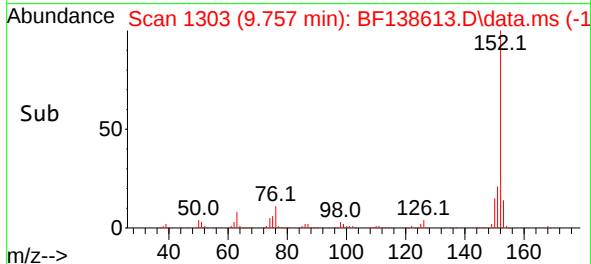
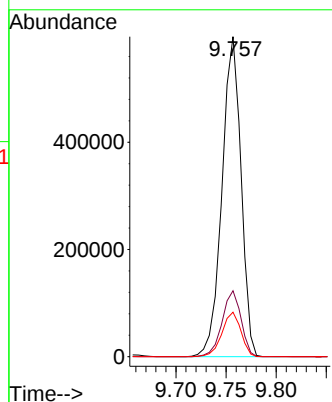
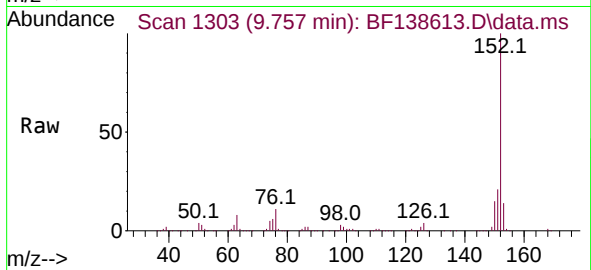
PB162154BS

Tgt Ion:152 Resp: 784420
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.3 16.9

Manual Integrations

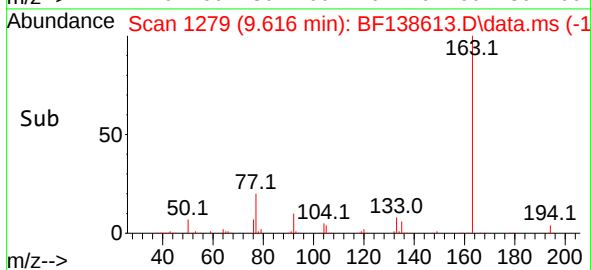
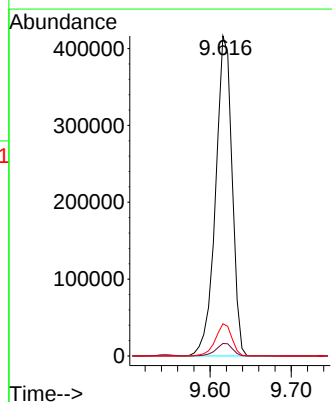
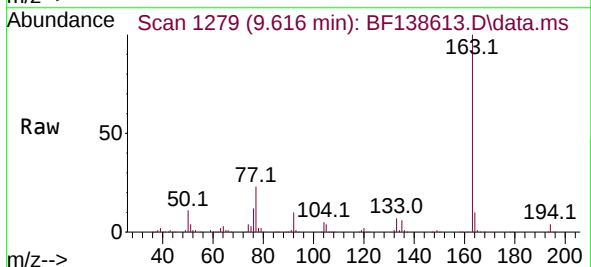
APPROVED

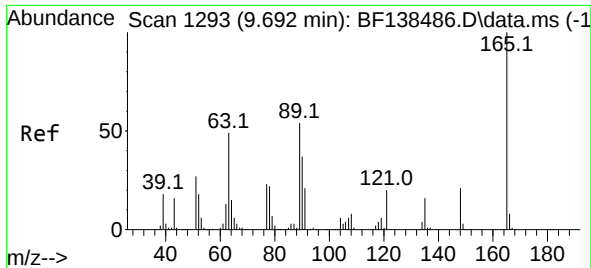
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#50
Dimethylphthalate
Concen: 45.349 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

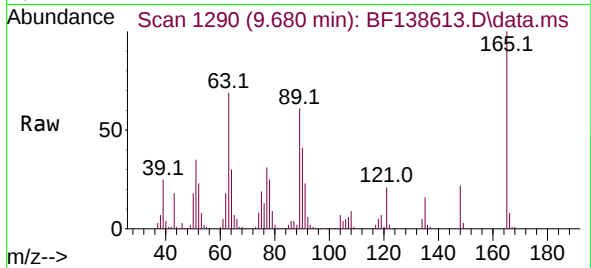
Tgt Ion:163 Resp: 588084
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.939 ng
RT: 9.680 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

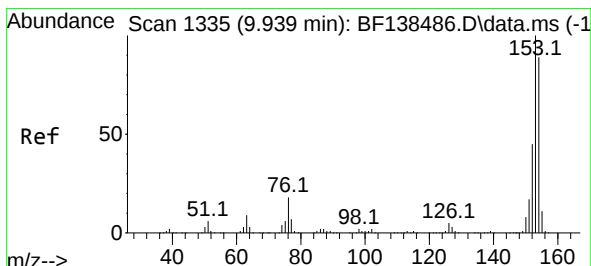
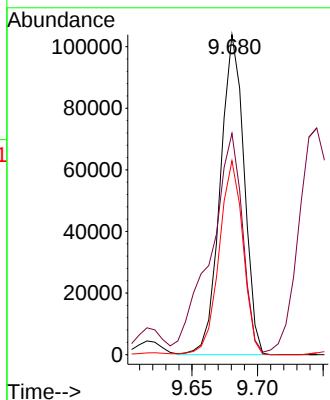
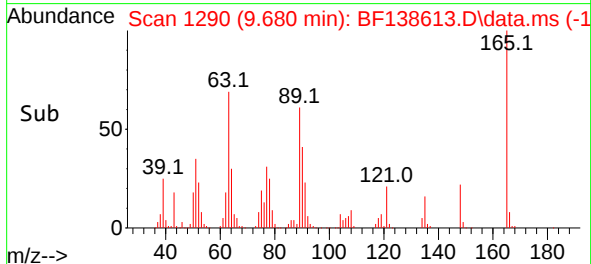
Instrument :
BNA_F
ClientSampleId :
PB162154BS



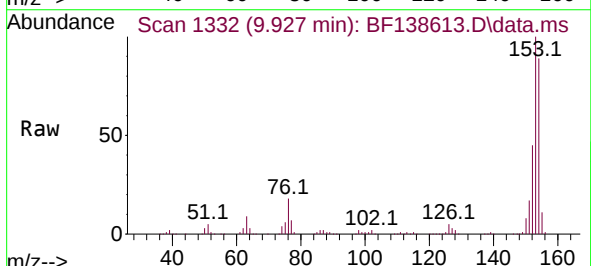
Tgt Ion:165 Resp: 13119
Ion Ratio Lower Upper
165 100
63 69.1 48.1 72.1
89 60.6 43.0 64.6

Manual Integrations
APPROVED

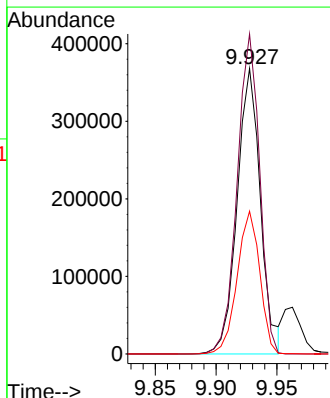
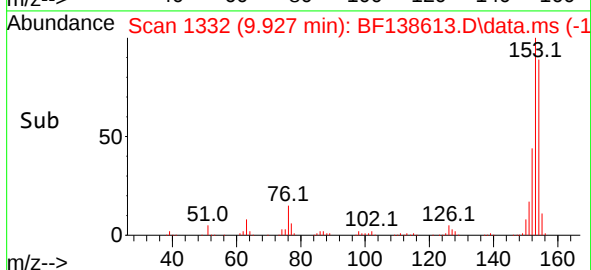
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

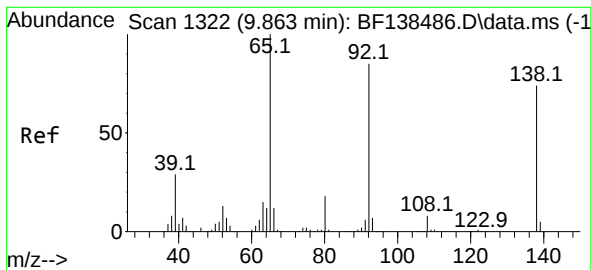


#52
Acenaphthene
Concen: 45.338 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



Tgt Ion:154 Resp: 491276
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 50.0 41.1 61.7





#53
3-Nitroaniline
Concen: 28.081 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

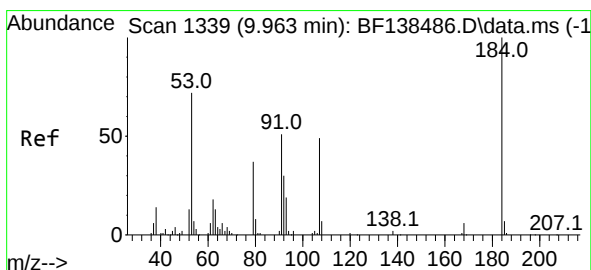
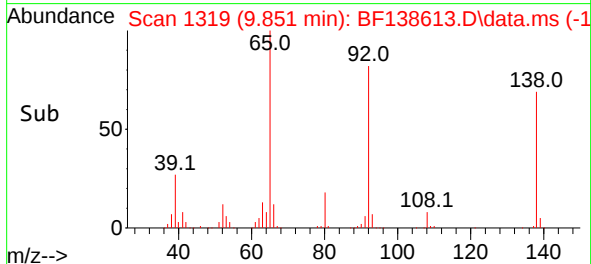
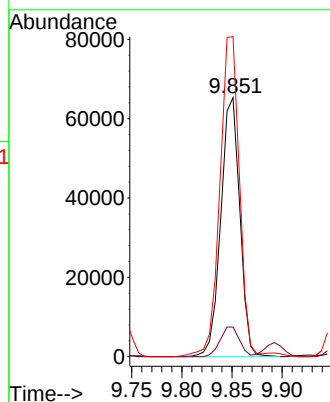
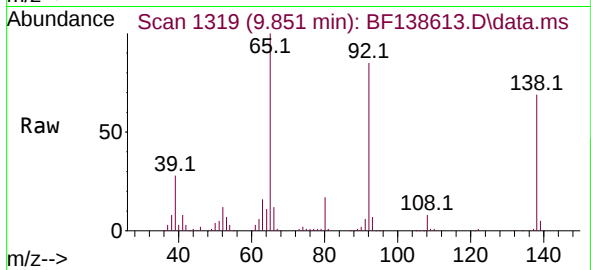
PB162154BS

Tgt Ion:138 Resp: 85938
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 123.5 92.6 138.8

Manual Integrations

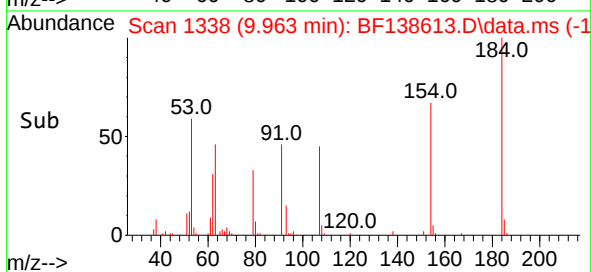
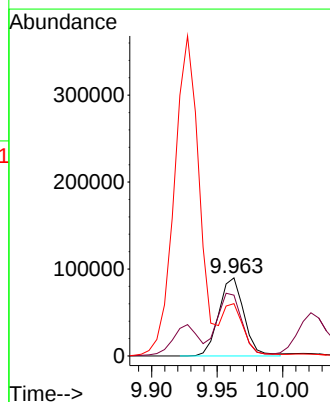
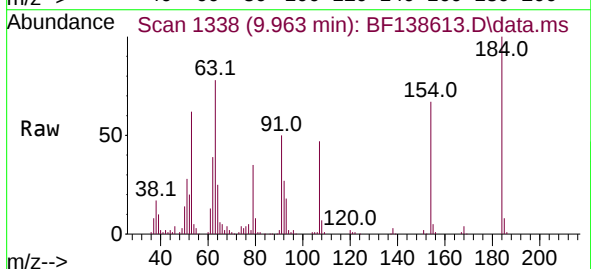
APPROVED

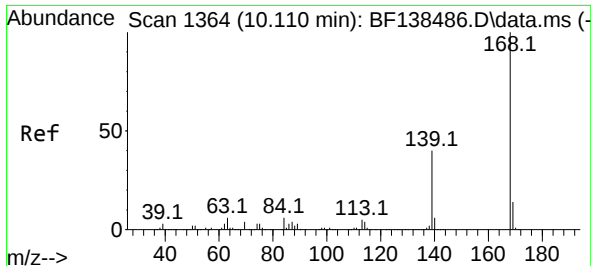
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#54
2,4-Dinitrophenol
Concen: 75.107 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:184 Resp: 119869
Ion Ratio Lower Upper
184 100
63 78.0 70.6 106.0
154 67.1 53.8 80.6





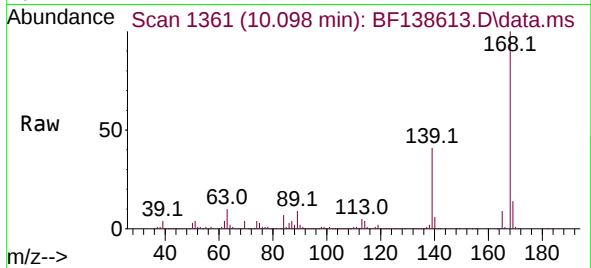
#55
Dibenzenofuran
Concen: 44.708 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

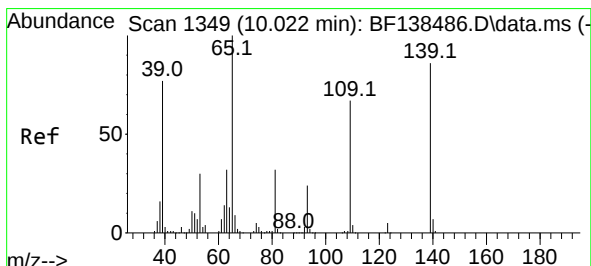
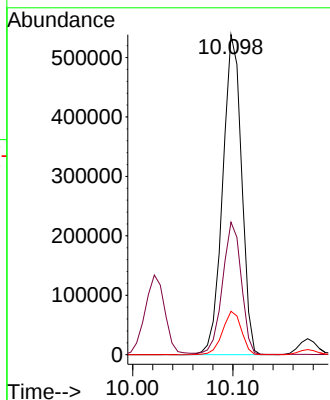
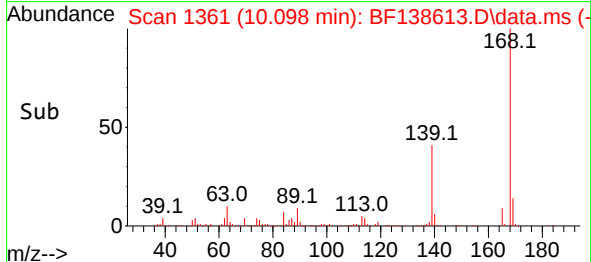


Tgt Ion:168 Resp: 702672
Ion Ratio Lower Upper
168 100
139 41.4 32.4 48.6
169 13.5 10.9 16.3

Manual Integrations

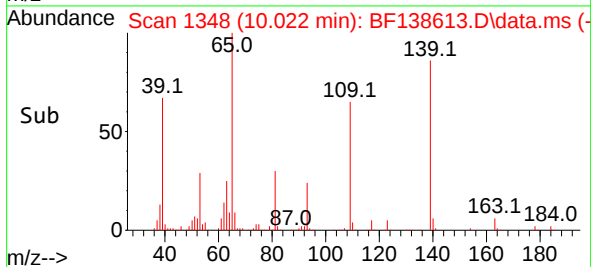
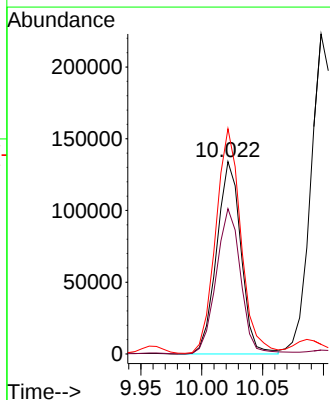
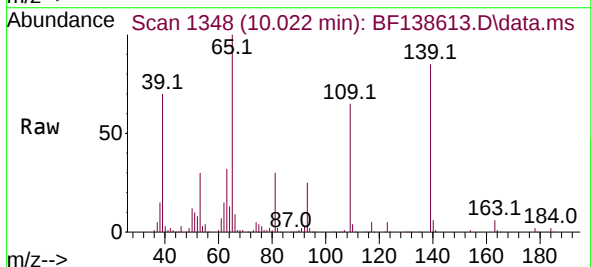
APPROVED

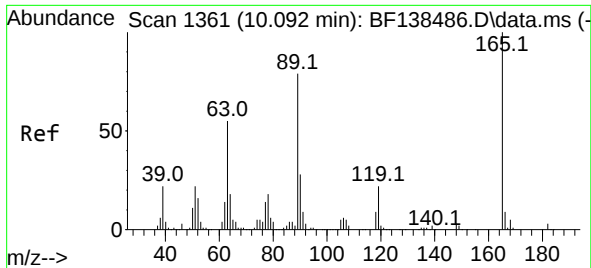
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#56
4-Nitrophenol
Concen: 82.420 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:139 Resp: 186107
Ion Ratio Lower Upper
139 100
109 75.6 58.1 98.1
65 117.1 96.9 136.9





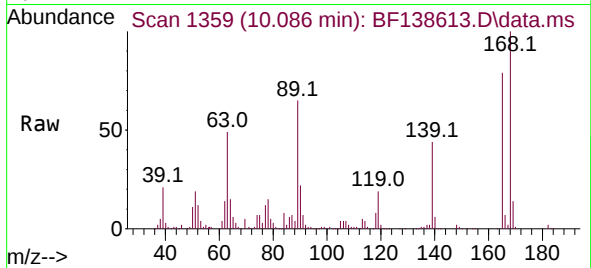
#57
2,4-Dinitrotoluene
Concen: 44.729 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

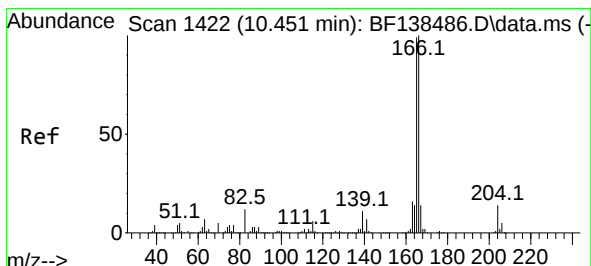
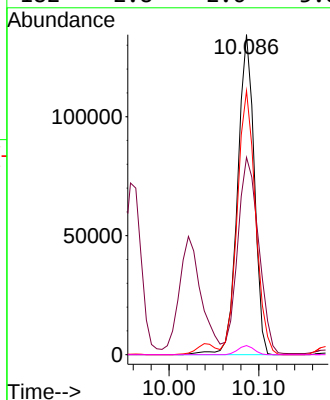
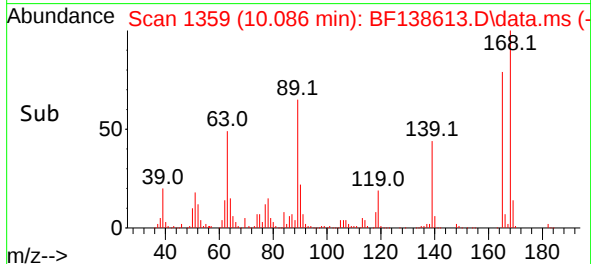


Tgt Ion:165 Resp: 172799
Ion Ratio Lower Upper
165 100
63 61.7 44.6 66.8
89 82.4 63.4 95.2
182 2.8 2.6 3.8

Manual Integrations

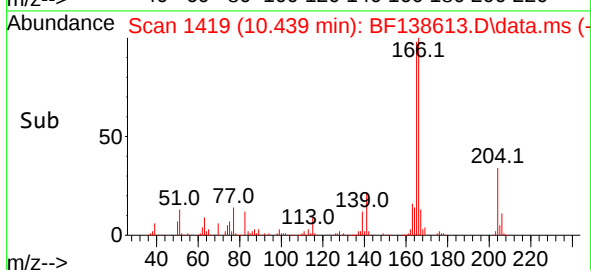
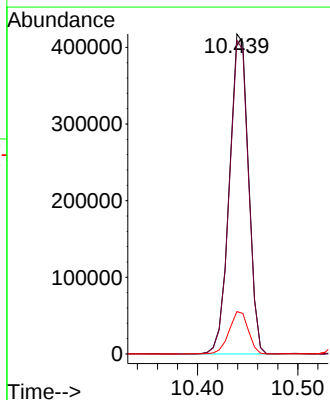
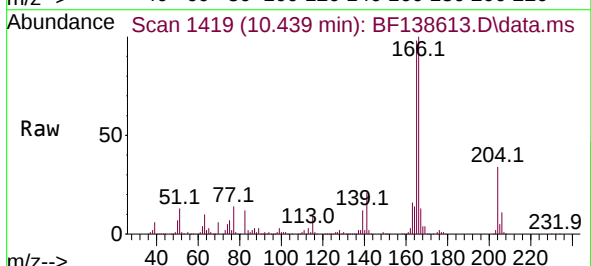
APPROVED

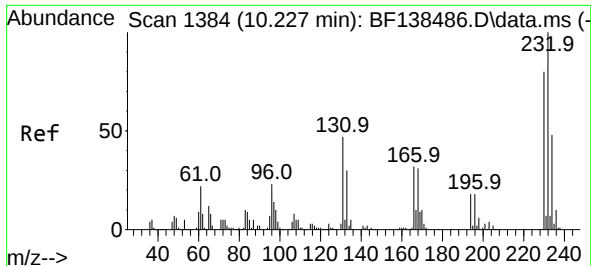
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#58
Fluorene
Concen: 44.369 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

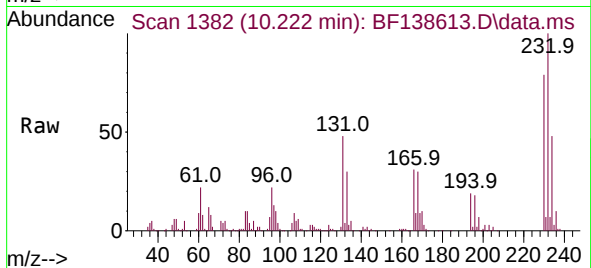
Tgt Ion:166 Resp: 551779
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.384 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

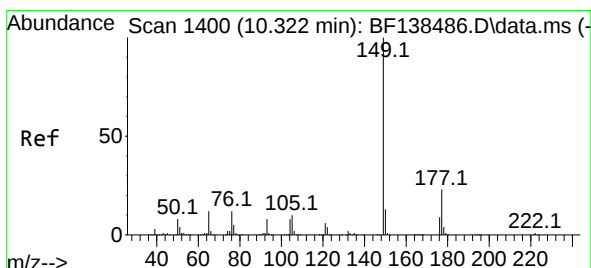
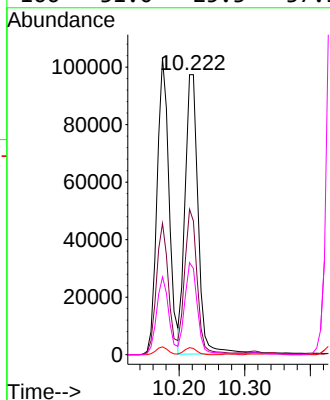
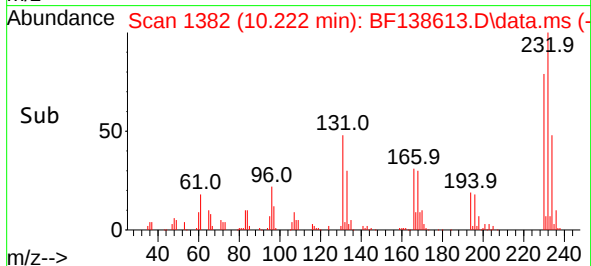
Instrument :
BNA_F
ClientSampleId :
PB162154BS



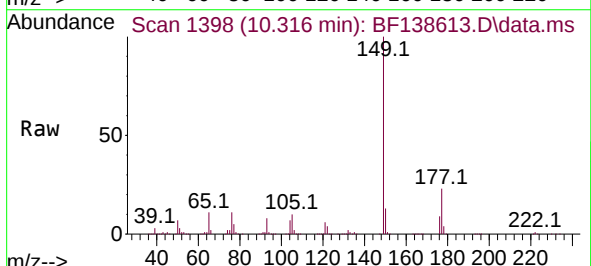
Tgt Ion:232 Resp: 134260
Ion Ratio Lower Upper
232 100
131 49.5 37.5 56.3
130 2.3 2.0 3.0
166 31.0 25.3 37.9

Manual Integrations
APPROVED

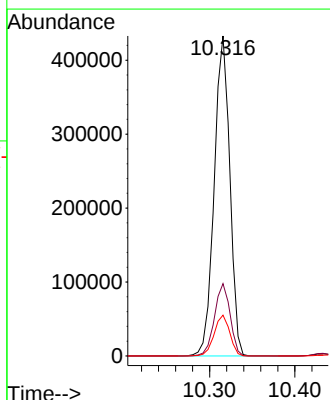
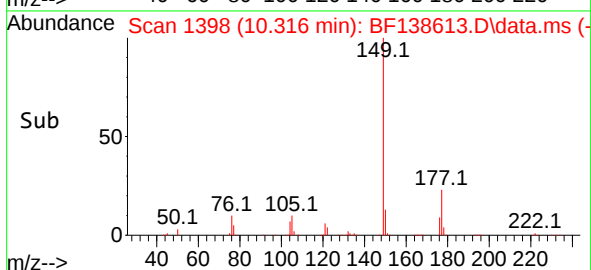
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

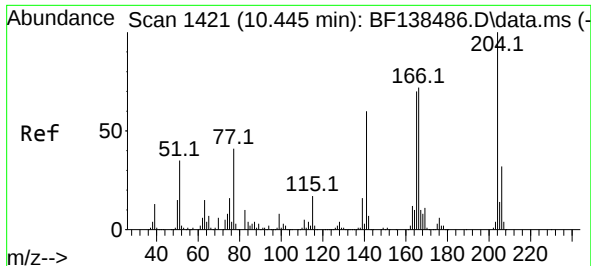


#60
Diethylphthalate
Concen: 44.012 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



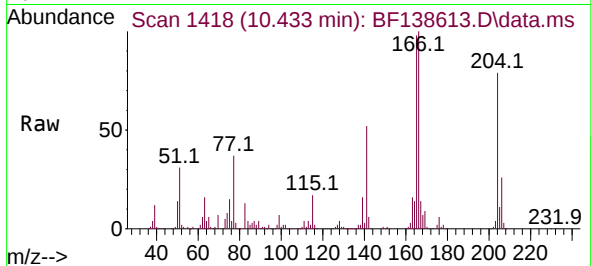
Tgt Ion:149 Resp: 550216
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 41.932 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

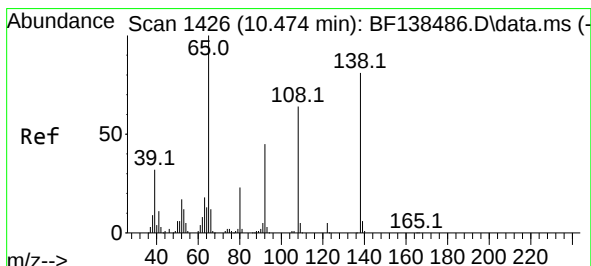
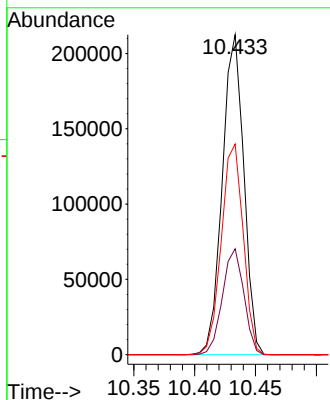
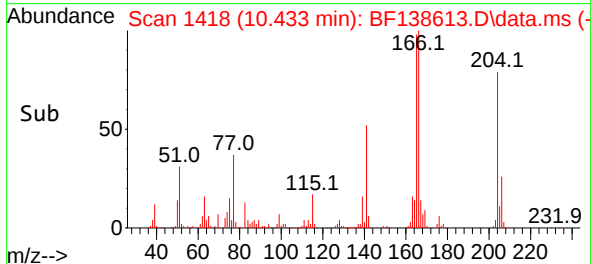
Instrument :
BNA_F
ClientSampleId :
PB162154BS



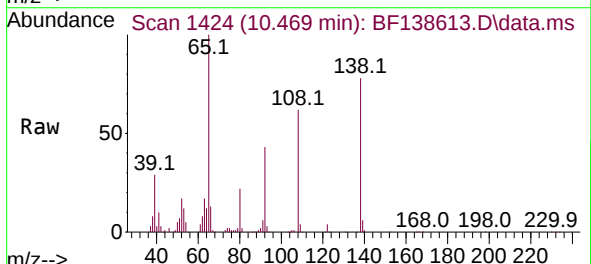
Tgt Ion:204 Resp: 26185
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 65.8 47.7 71.5

Manual Integrations
APPROVED

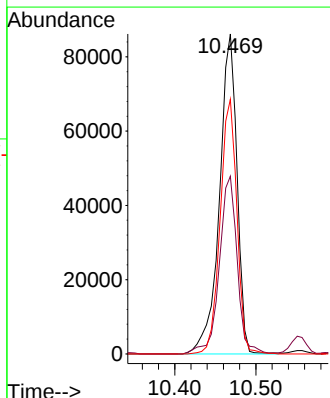
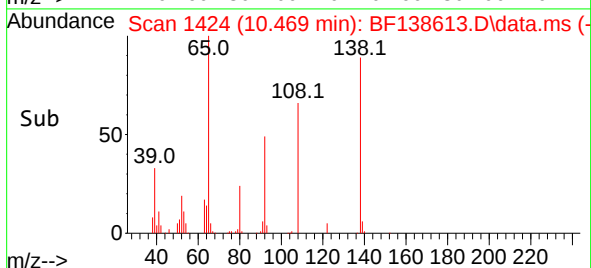
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

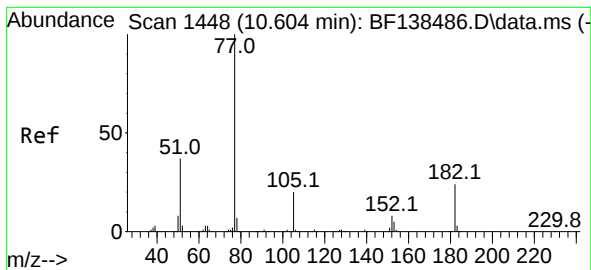


#62
4-Nitroaniline
Concen: 42.336 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



Tgt Ion:138 Resp: 129829
Ion Ratio Lower Upper
138 100
92 55.6 35.8 75.8
108 79.6 59.8 99.8





#63
Azobenzene
Concen: 45.702 ng
RT: 10.592 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

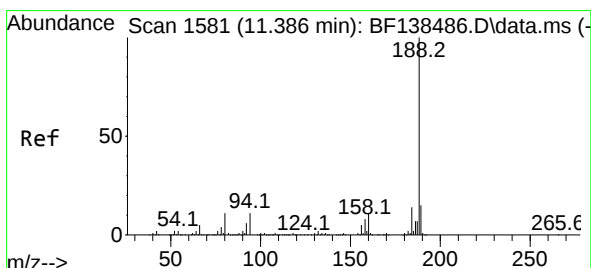
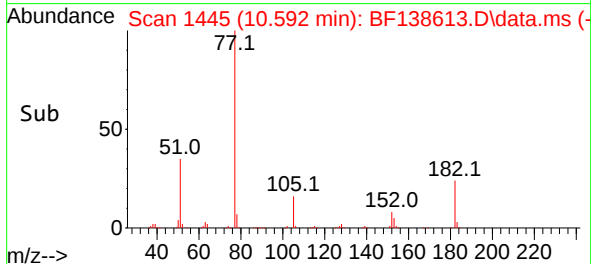
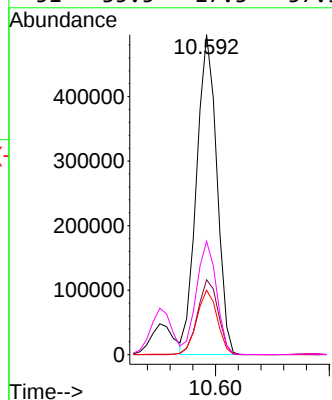
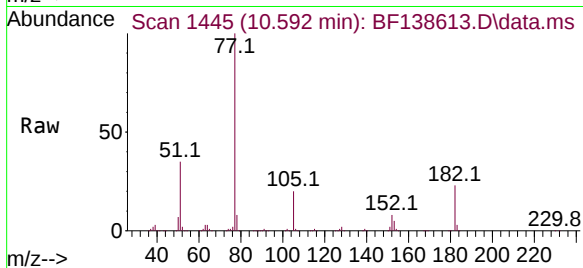
PB162154BS

Tgt Ion: 77 Resp: 61426
Ion Ratio Lower Upper
77 100
182 23.4 3.8 43.8
105 20.1 0.0 39.8
51 35.5 17.3 57.3

Manual Integrations

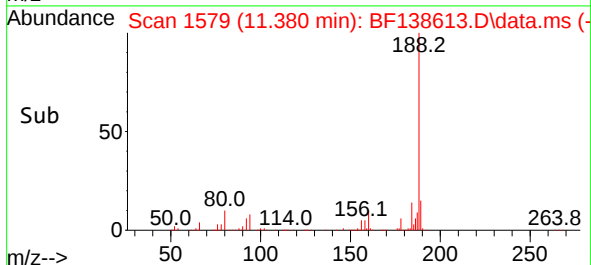
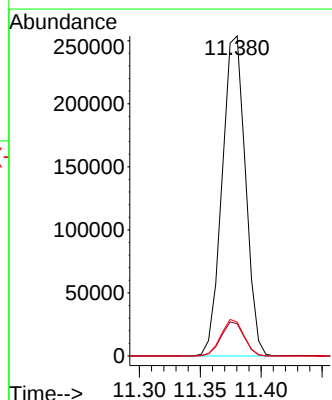
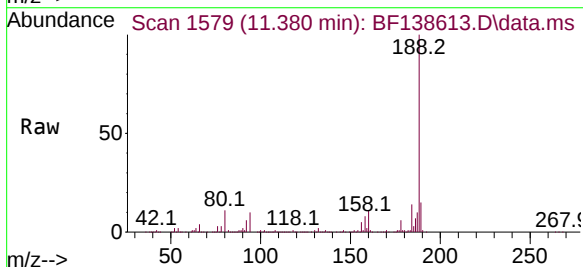
APPROVED

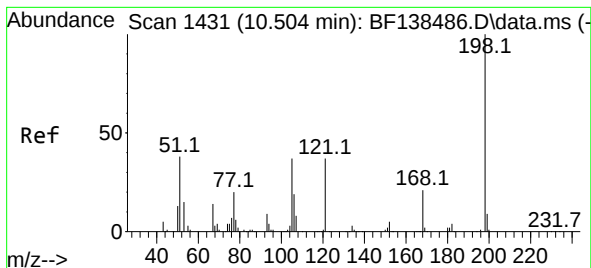
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:188 Resp: 338830
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.6 9.0 13.4





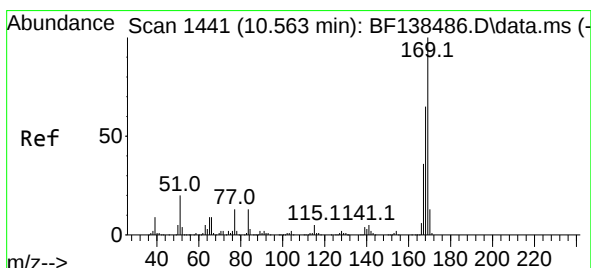
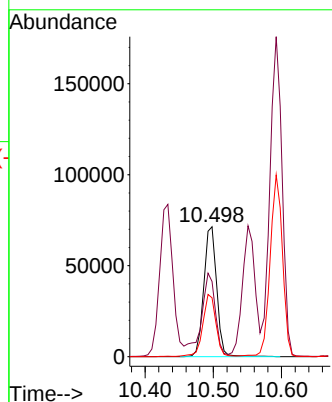
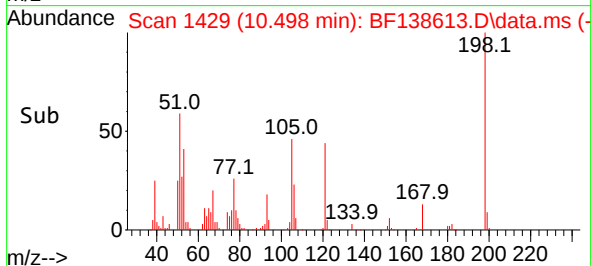
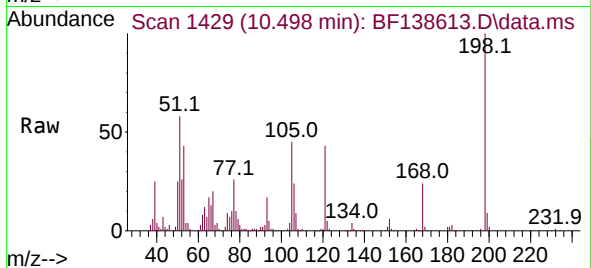
#65
4,6-Dinitro-2-methylphenol
Concen: 48.054 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :
BNA_F
ClientSampleId :
PB162154BS

Tgt Ion:198 Resp: 94015
Ion Ratio Lower Upper
198 100
51 57.8 27.2 67.2
105 45.3 18.5 58.5

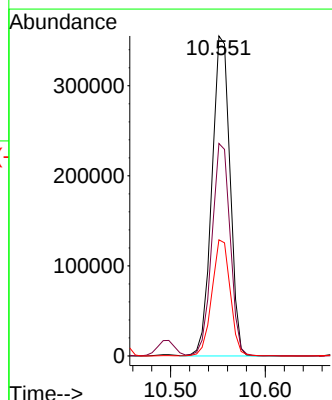
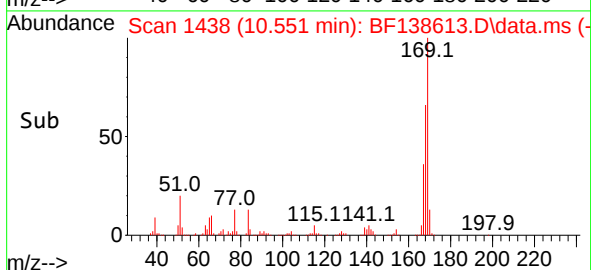
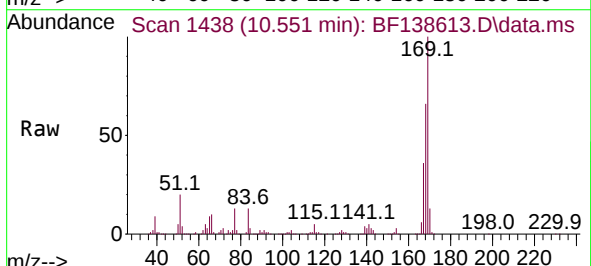
Manual Integrations
APPROVED

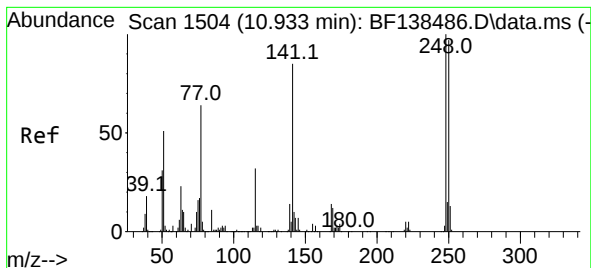
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#66
n-Nitrosodiphenylamine
Concen: 46.400 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:169 Resp: 471029
Ion Ratio Lower Upper
169 100
168 66.4 51.7 77.5
167 36.3 28.5 42.7





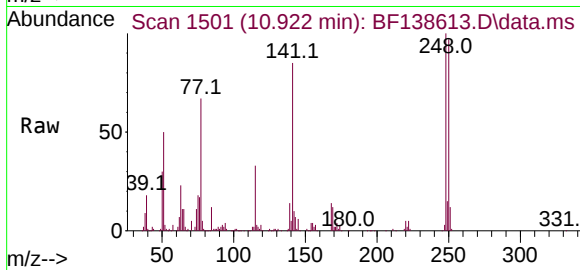
#67
4-Bromophenyl-phenylether
Concen: 44.363 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

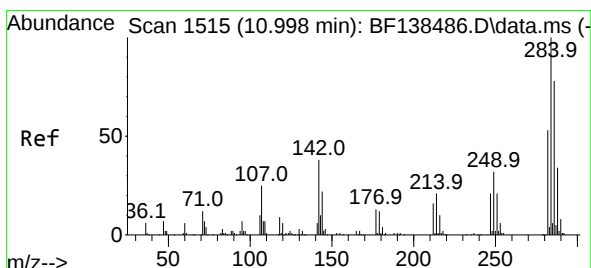
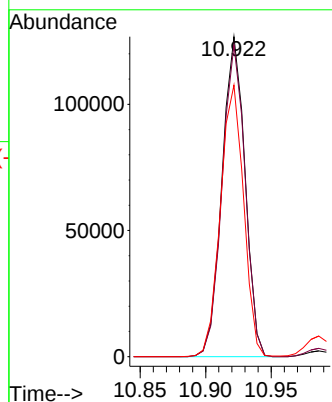
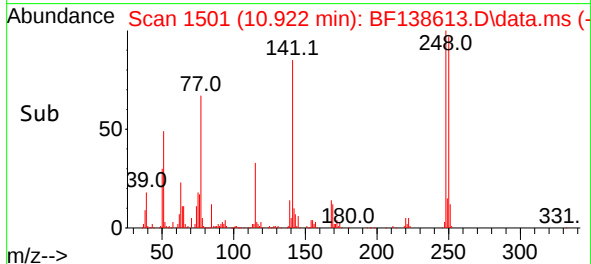


Tgt Ion:248 Resp: 15449
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 84.8 67.7 101.5

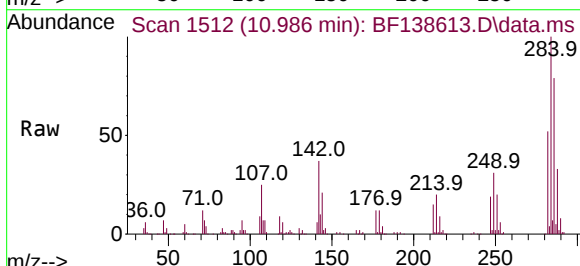
Manual Integrations

APPROVED

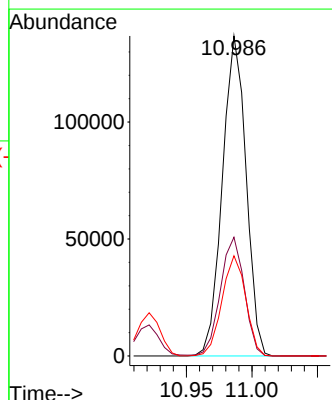
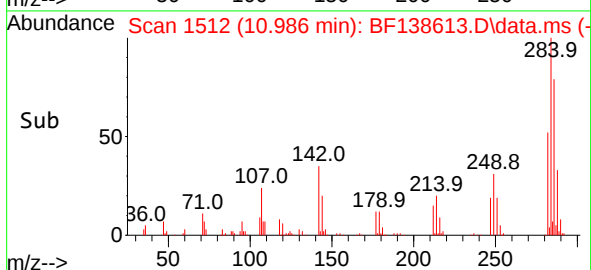
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

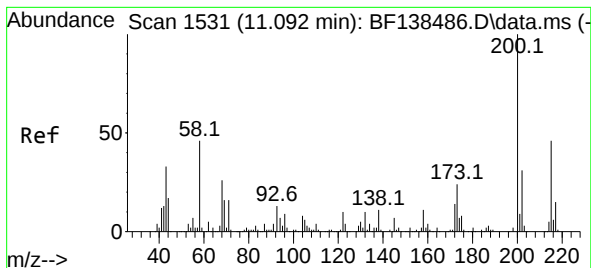


#68
Hexachlorobenzene
Concen: 44.367 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



Tgt Ion:284 Resp: 171649
Ion Ratio Lower Upper
284 100
142 37.1 30.5 45.7
249 31.3 25.9 38.9





#69

Atrazine

Concen: 42.438 ng

RT: 11.080 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

Tgt Ion:200 Resp: 14283

Ion Ratio Lower Upper

200 100

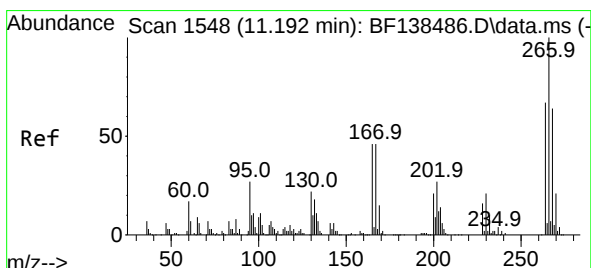
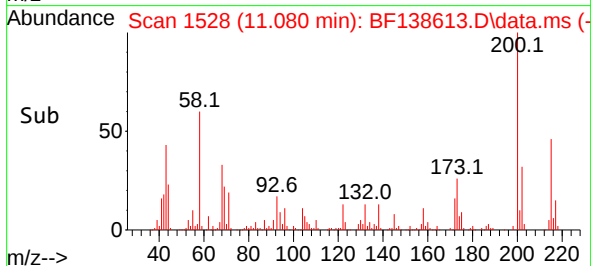
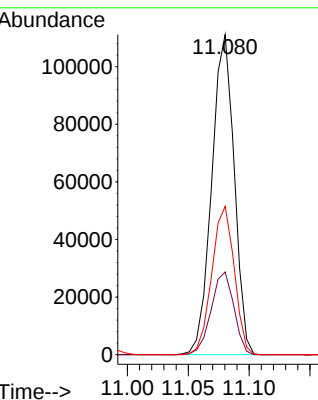
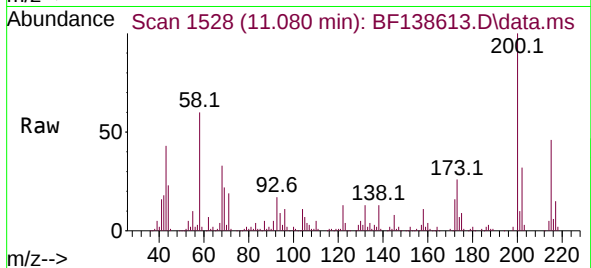
173 25.9 4.1 44.1

215 46.3 26.5 66.5

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 75.659 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

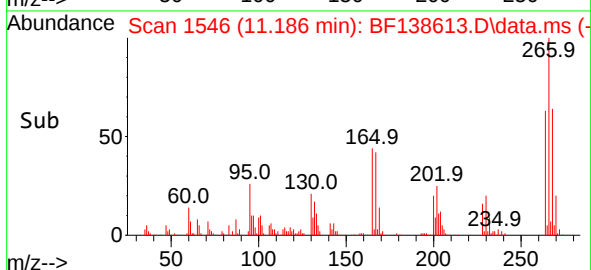
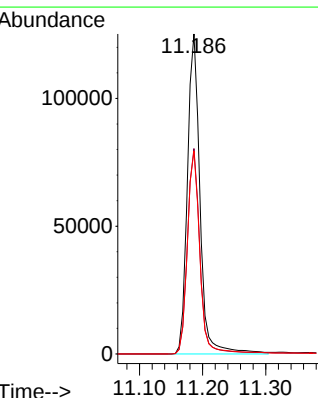
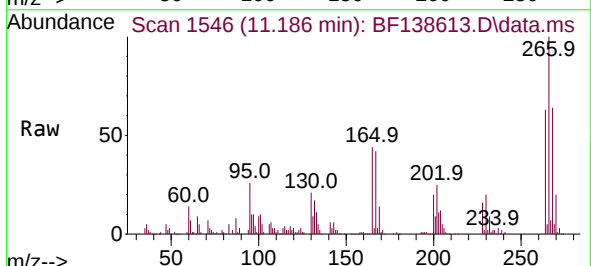
Tgt Ion:266 Resp: 173206

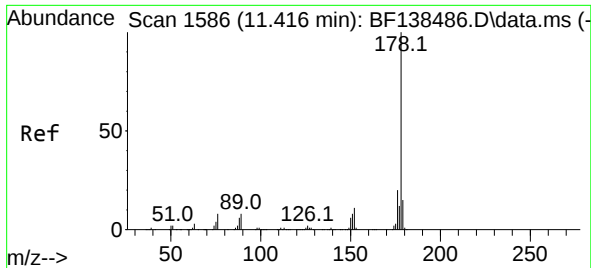
Ion Ratio Lower Upper

266 100

268 64.2 50.9 76.3

264 63.5 53.5 80.3





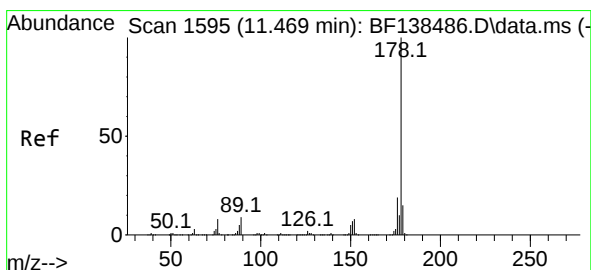
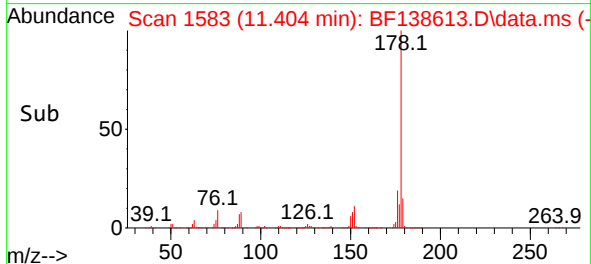
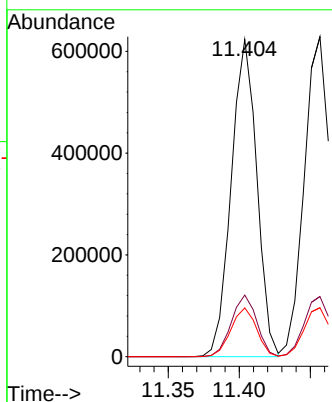
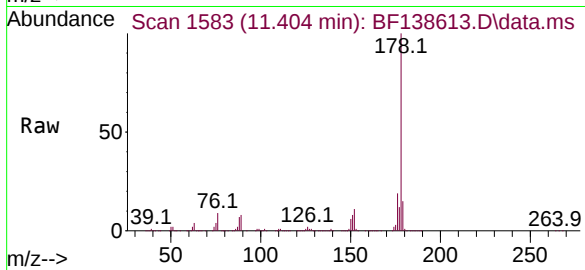
#71
Phenanthrene
Concen: 45.653 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :
BNA_F
ClientSampleId :
PB162154BS

Tgt Ion:178 Resp: 781490
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.4 12.2 18.2

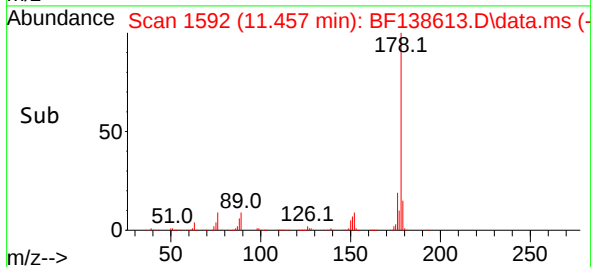
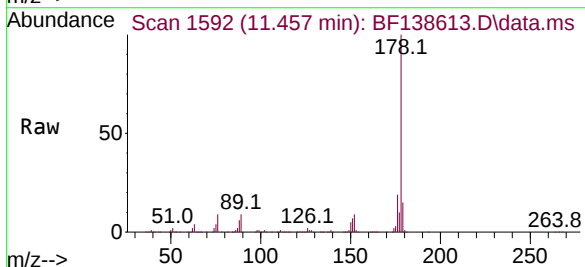
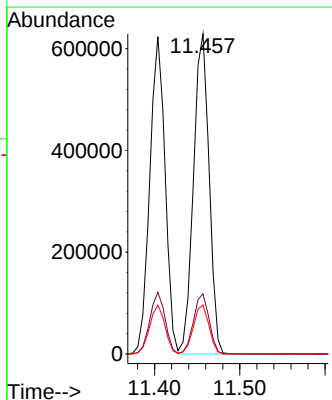
Manual Integrations
APPROVED

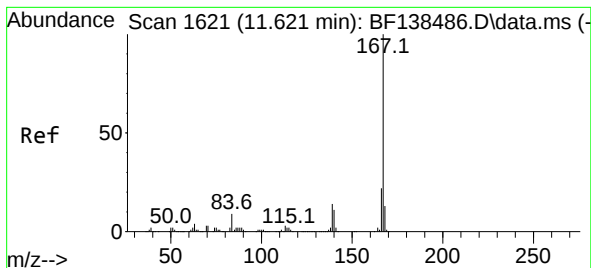
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#72
Anthracene
Concen: 47.057 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:178 Resp: 799616
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 12.2 18.4





#73

Carbazole

Concen: 44.940 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.012 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

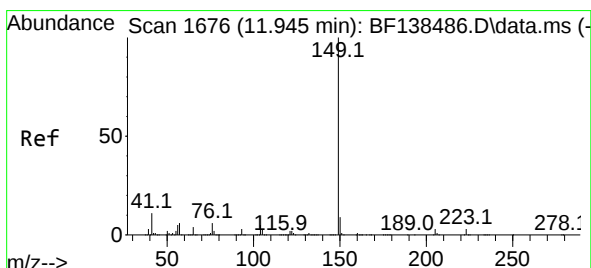
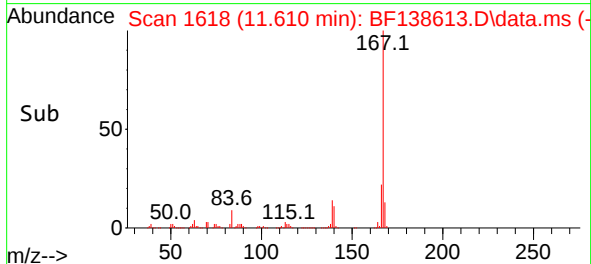
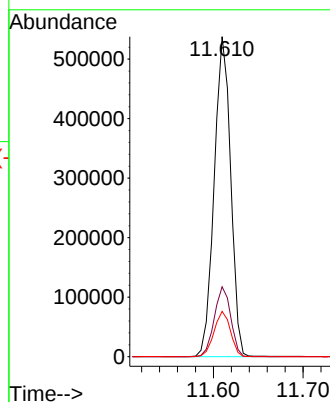
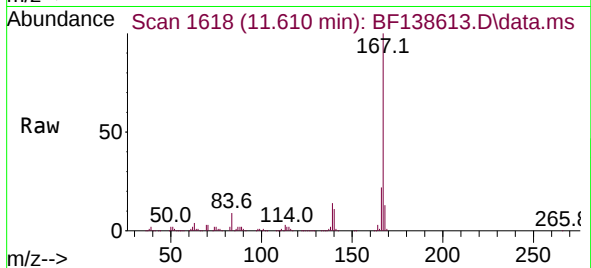
PB162154BS

Tgt Ion:167	Resp: 686250
Ion Ratio	Lower Upper
167 100	
166 21.8	17.8 26.6
139 14.1	11.0 16.4

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 46.456 ng

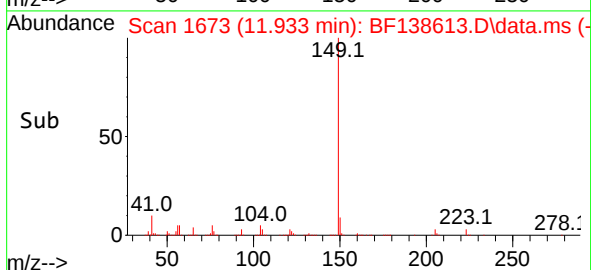
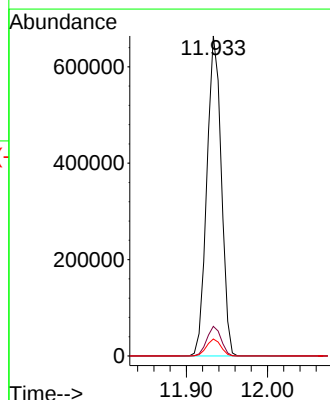
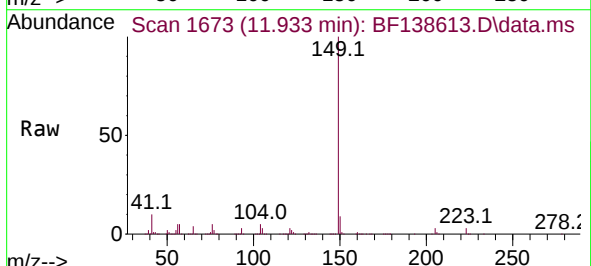
RT: 11.933 min Scan# 1673

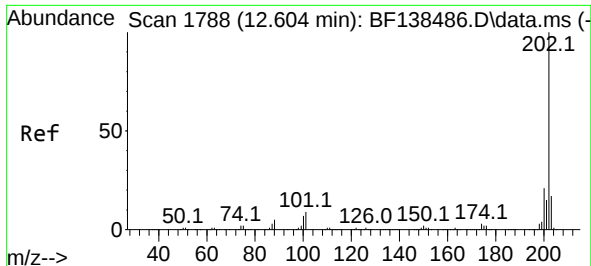
Delta R.T. -0.012 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

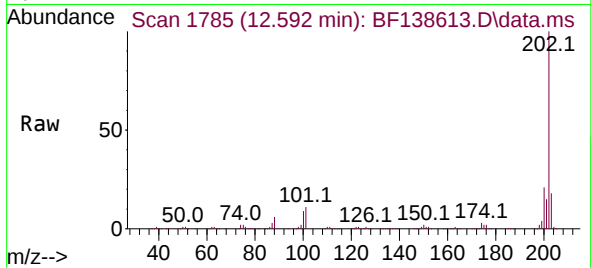
Tgt Ion:149	Resp: 817711
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 5.3	4.4 6.6





#75
Fluoranthene
Concen: 43.550 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

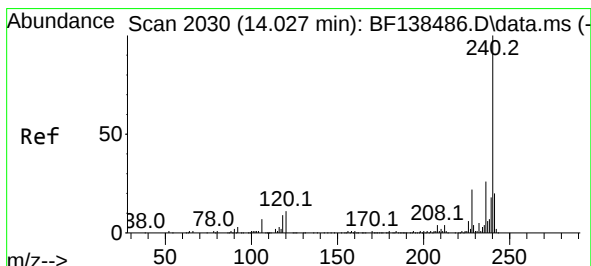
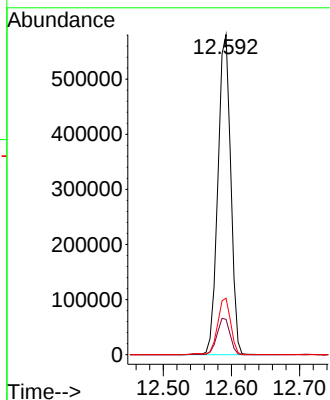
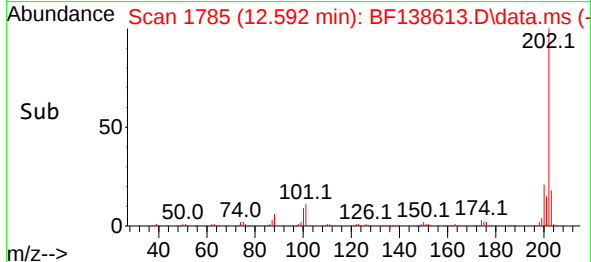
Instrument :
BNA_F
ClientSampleId :
PB162154BS



Tgt Ion:202 Resp: 76068
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 17.7 0.0 37.3

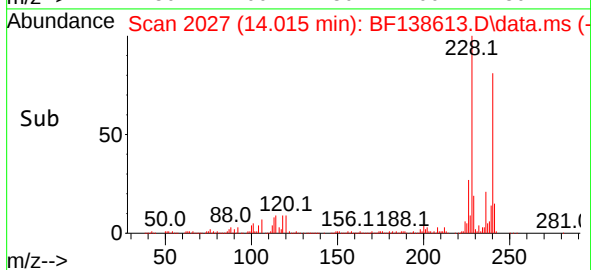
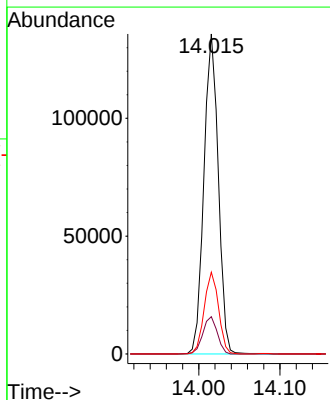
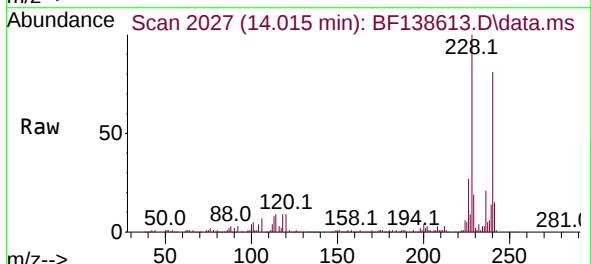
Manual Integrations
APPROVED

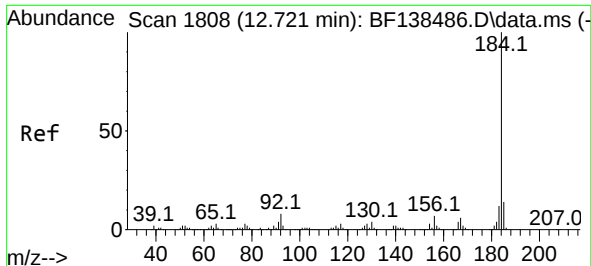
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

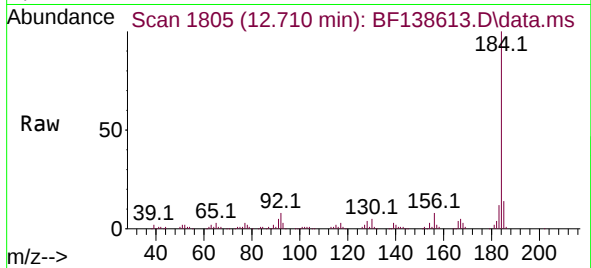
Tgt Ion:240 Resp: 166701
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.5 21.0 31.6





#77
Benzidine
Concen: 32.729 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

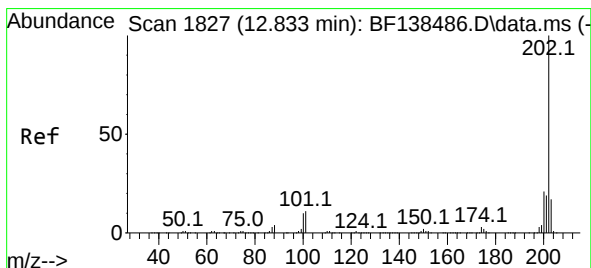
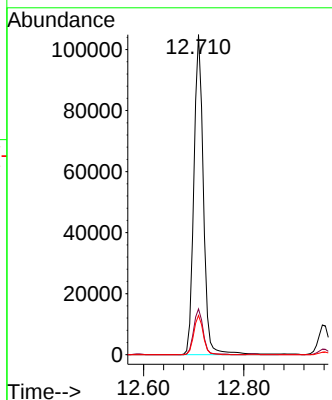
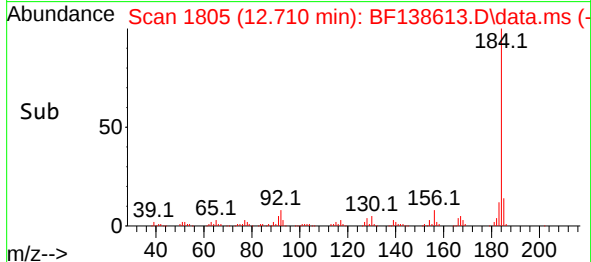
Instrument :
BNA_F
ClientSampleId :
PB162154BS



Tgt Ion:184 Resp: 13765
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 12.3 9.5 14.3

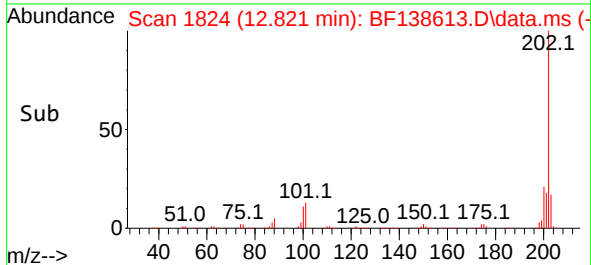
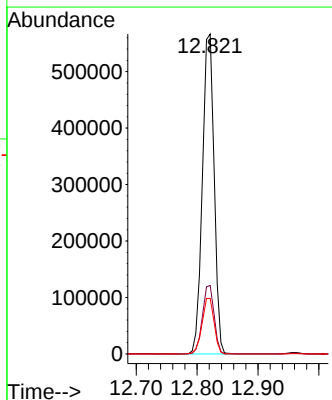
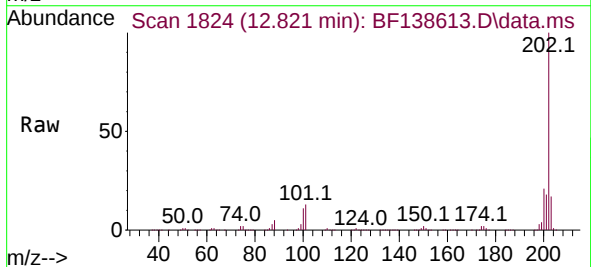
Manual Integrations
APPROVED

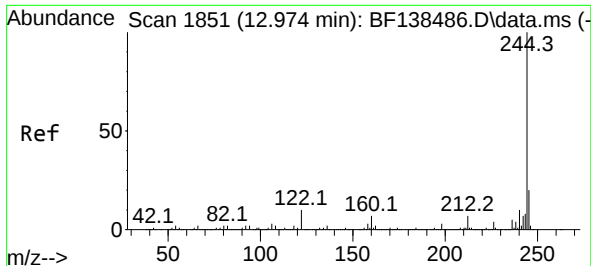
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#78
Pyrene
Concen: 45.075 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:202 Resp: 762783
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.4 13.7 20.5





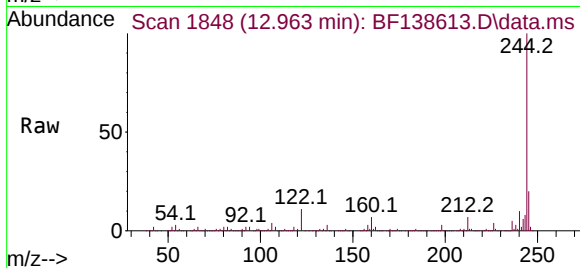
#79
 Terphenyl-d14
 Concen: 99.338 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138613.D
 Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

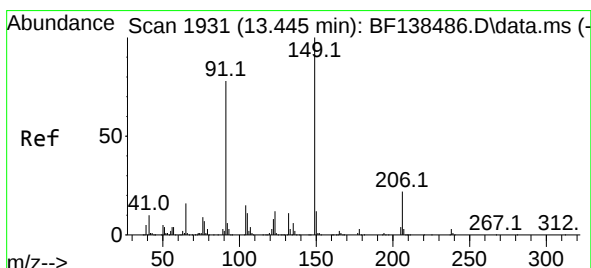
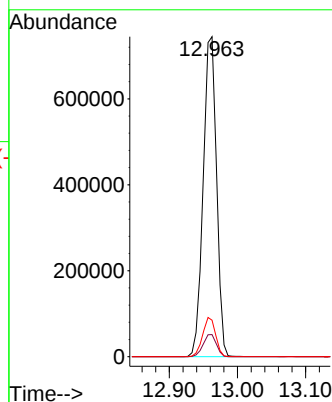
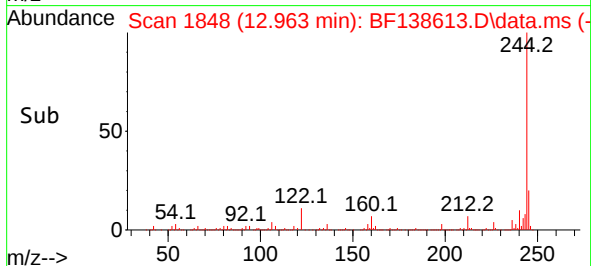


Tgt Ion:244 Resp: 101648
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.4 7.8 11.8

Manual Integrations

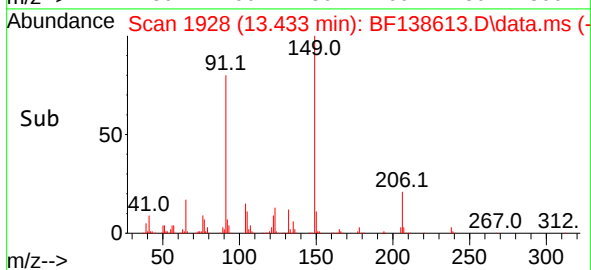
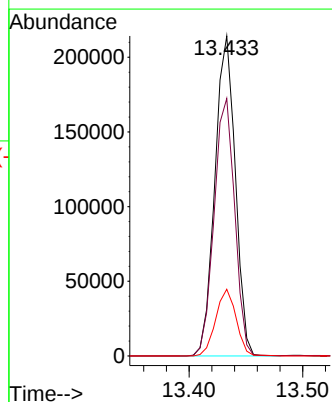
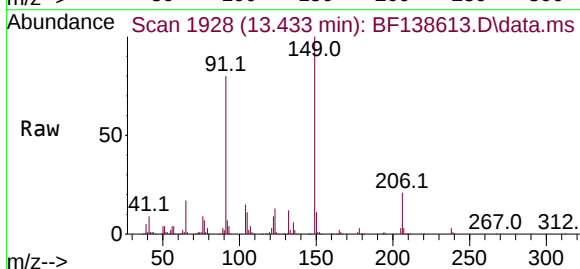
APPROVED

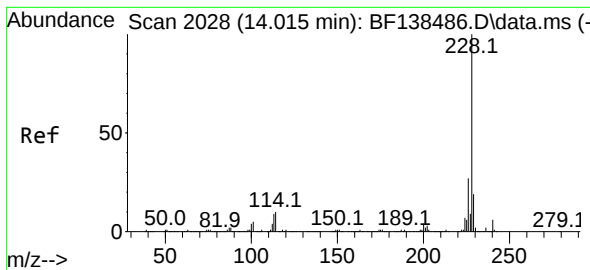
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024



#80
 Butylbenzylphthalate
 Concen: 52.647 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF138613.D
 Acq: 23 Jul 2024 12:26

Tgt Ion:149 Resp: 268003
 Ion Ratio Lower Upper
 149 100
 91 80.4 62.1 93.1
 206 20.9 18.0 27.0





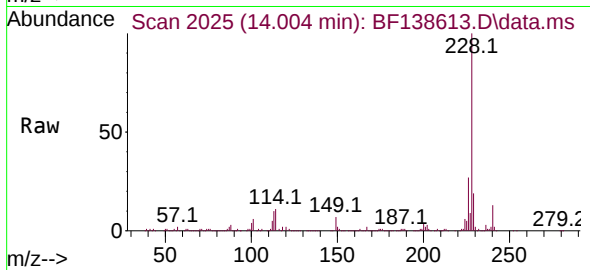
#81
Benzo(a)anthracene
Concen: 47.371 ng
RT: 14.004 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

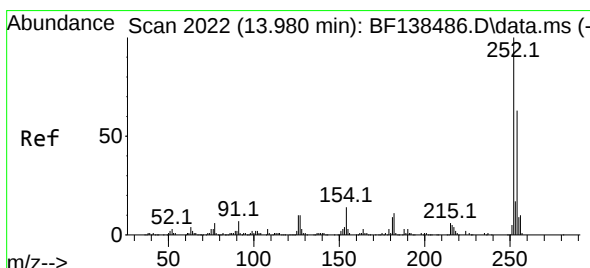
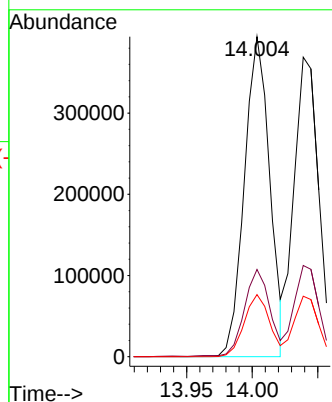
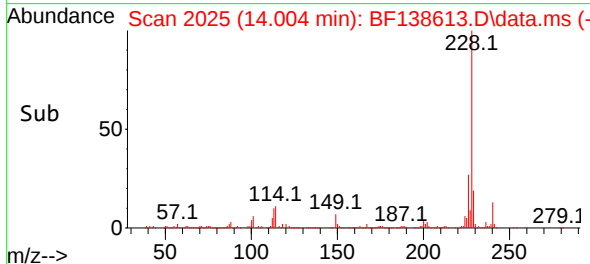


Tgt Ion:228 Resp: 52987
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.4 15.5 23.3

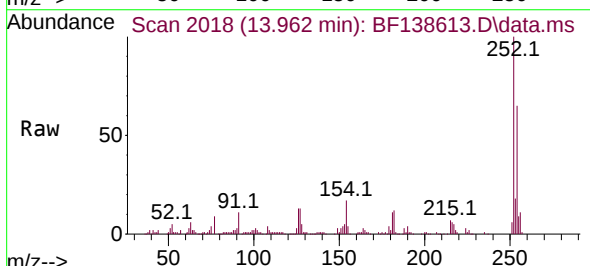
Manual Integrations

APPROVED

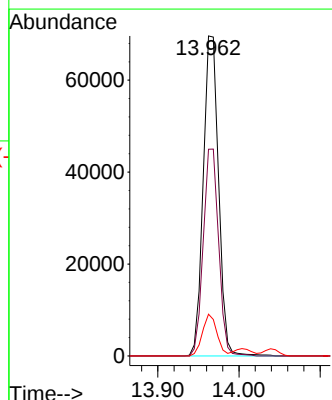
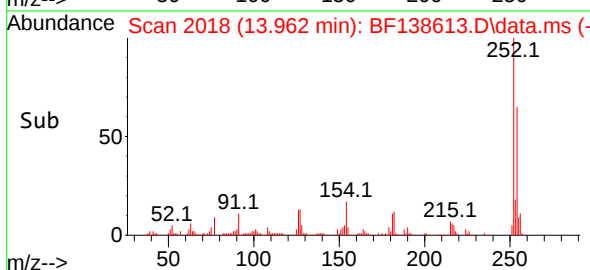
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

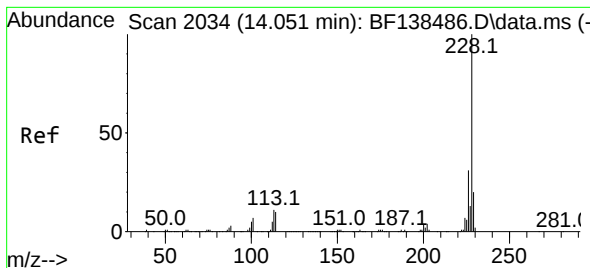


#82
3,3'-Dichlorobenzidine
Concen: 31.728 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



Tgt Ion:252 Resp: 91449
Ion Ratio Lower Upper
252 100
254 64.6 50.3 75.5
126 13.0 8.1 12.1#





#83

Chrysene

Concen: 45.230 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

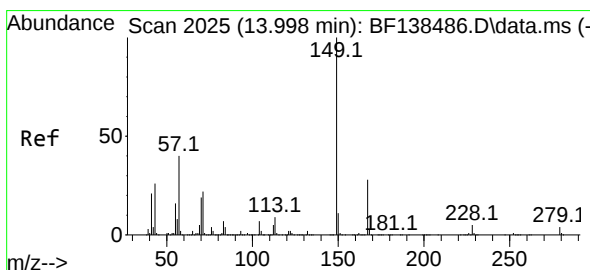
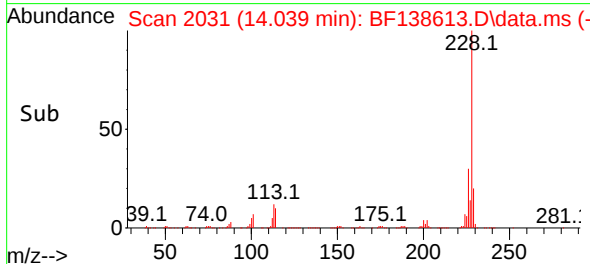
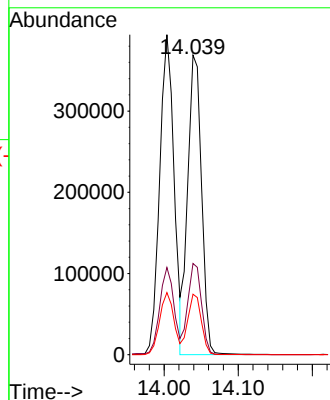
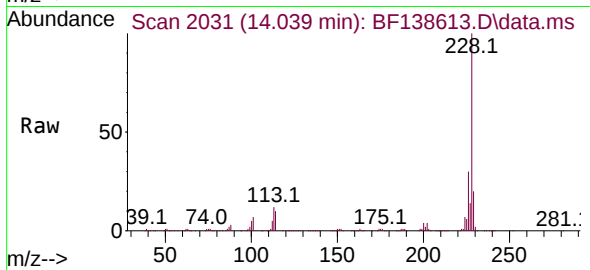
Tgt Ion:228 Resp: 478610

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.2	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: 55.678 ng

RT: 13.986 min Scan# 2022

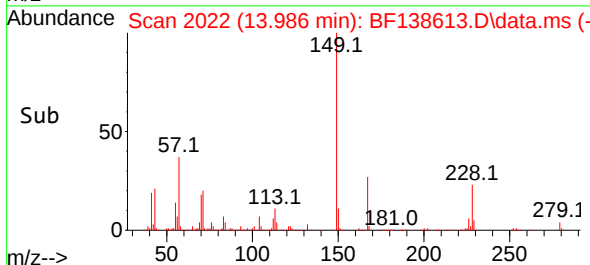
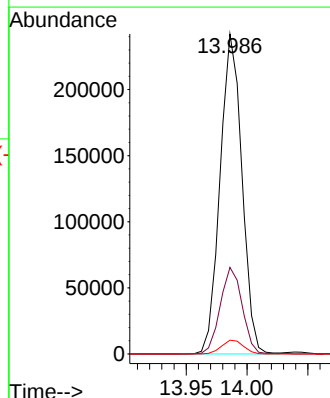
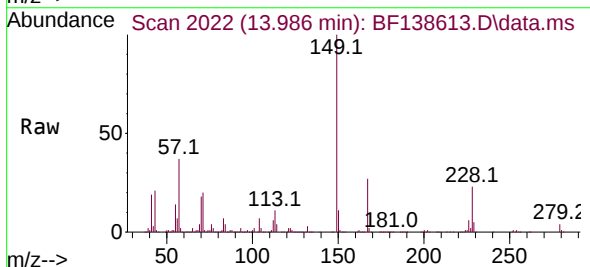
Delta R.T. -0.012 min

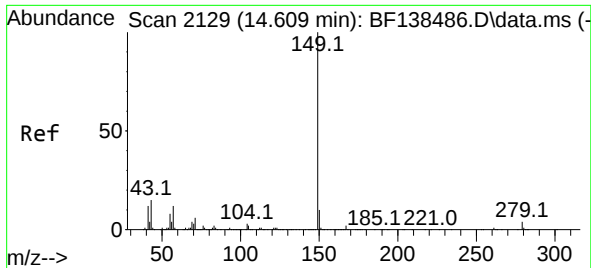
Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Tgt Ion:149 Resp: 302289

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	4.3	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 47.005 ng
RT: 14.598 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

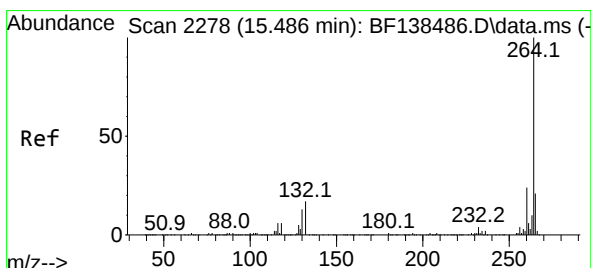
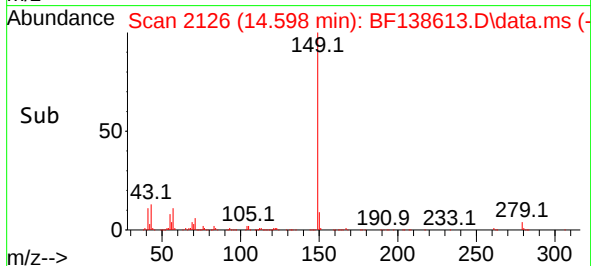
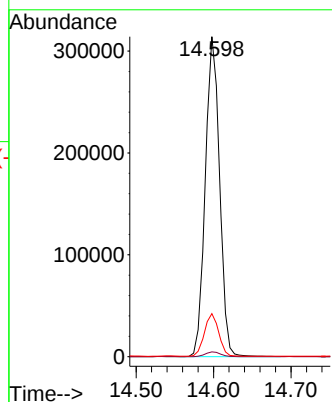
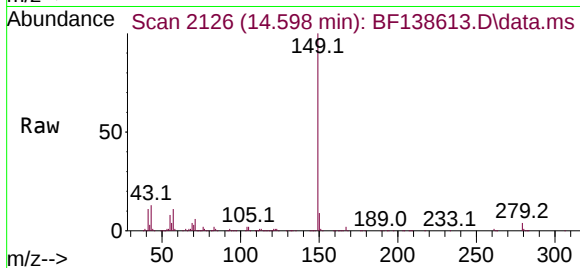
PB162154BS

Tgt Ion:149 Resp: 403150
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.2 10.7 16.1

Manual Integrations

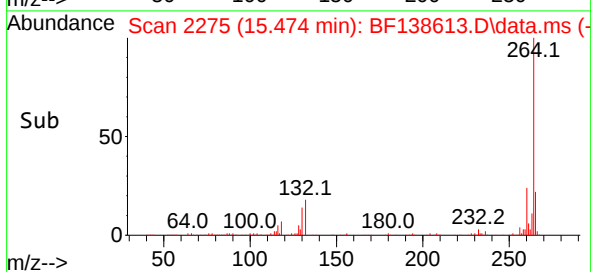
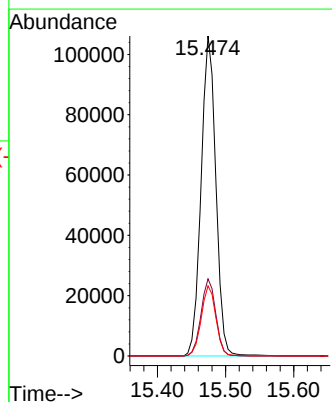
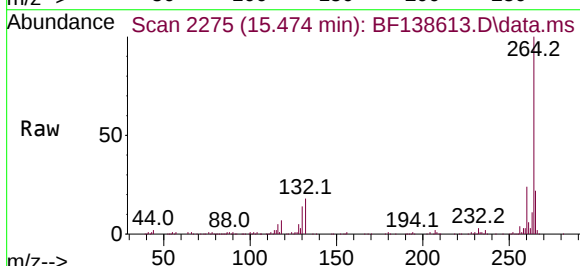
APPROVED

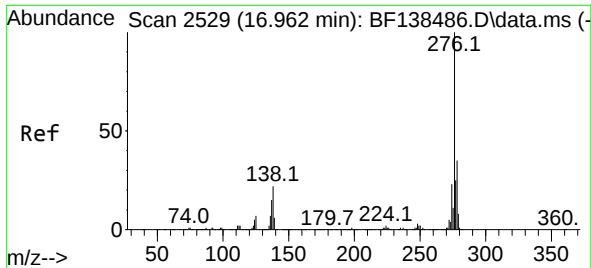
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:264 Resp: 159541
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.9 17.0 25.4





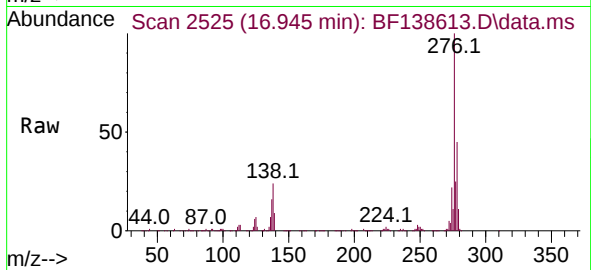
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.344 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

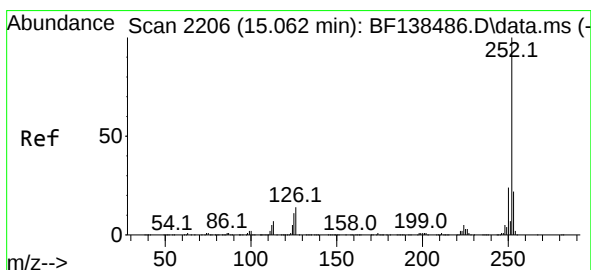
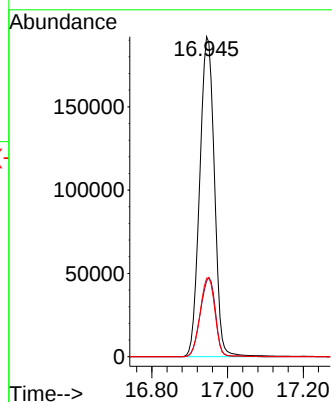
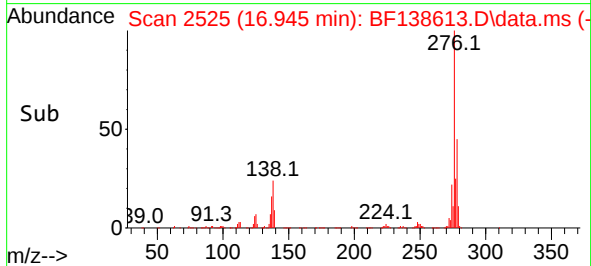


Tgt Ion:276 Resp: 518069
Ion Ratio Lower Upper
276 100
138 25.1 19.6 29.4
277 25.0 20.5 30.7

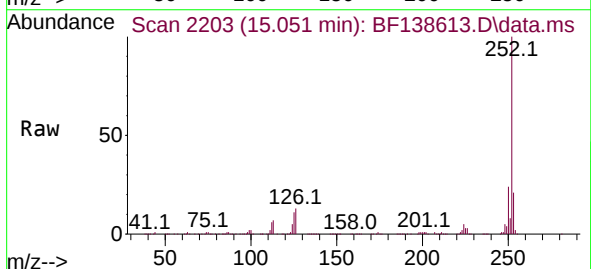
Manual Integrations

APPROVED

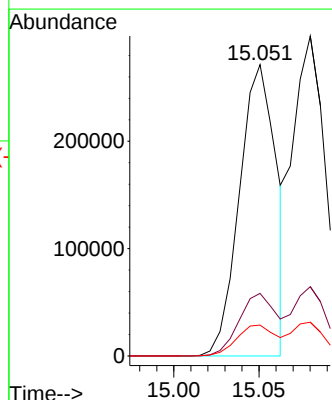
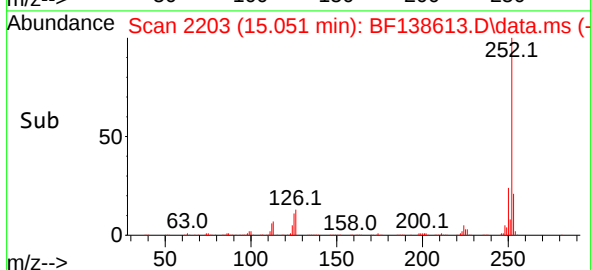
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

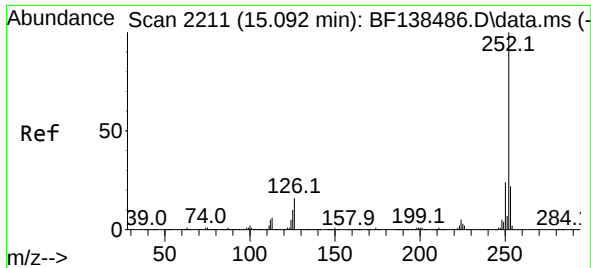


#88
Benzo(b)fluoranthene
Concen: 45.248 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26



Tgt Ion:252 Resp: 406544
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.6 8.6 13.0





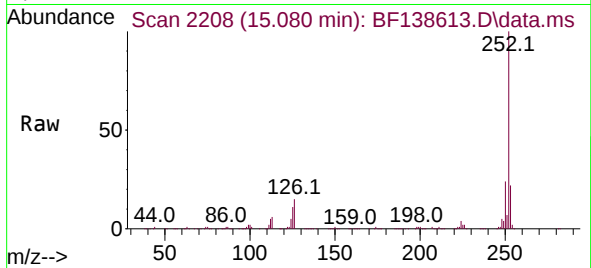
#89
Benzo(k)fluoranthene
Concen: 45.917 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

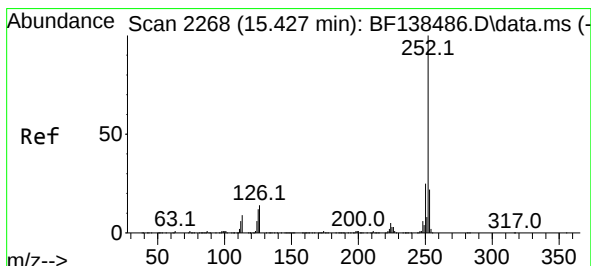
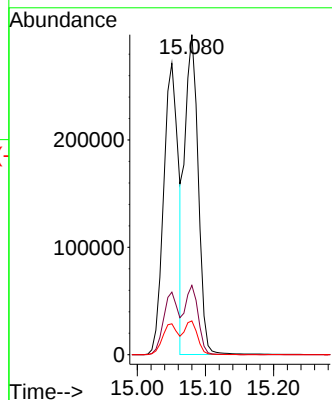
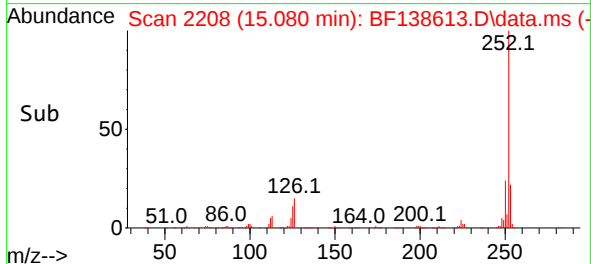


Tgt Ion:252 Resp: 402364
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.6 8.1 12.1

Manual Integrations

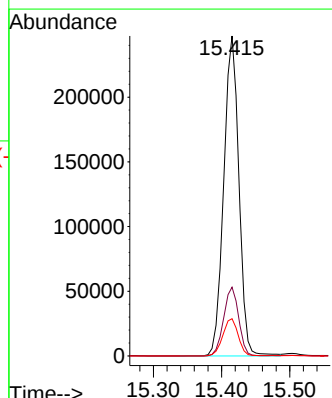
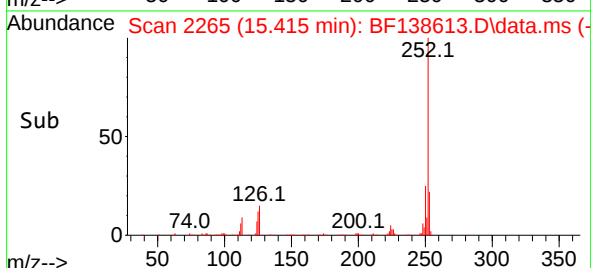
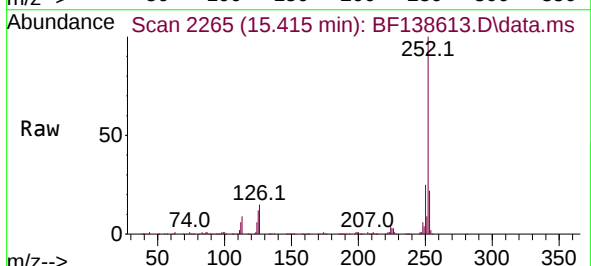
APPROVED

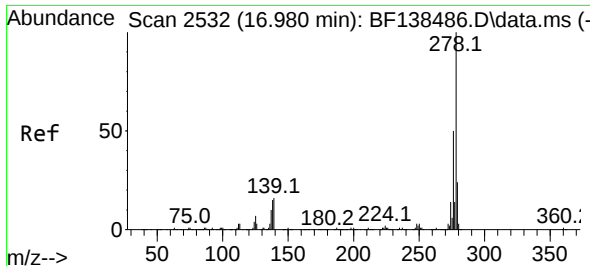
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#90
Benzo(a)pyrene
Concen: 48.554 ng
RT: 15.415 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF138613.D
Acq: 23 Jul 2024 12:26

Tgt Ion:252 Resp: 383232
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 46.277 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Instrument :

BNA_F

ClientSampleId :

PB162154BS

Tgt Ion:278 Resp: 40566

Ion Ratio Lower Upper

278 100

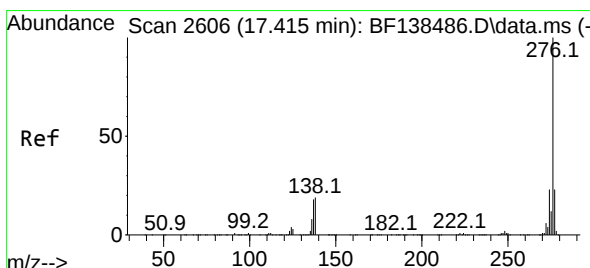
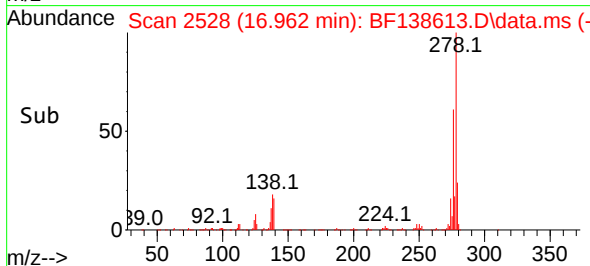
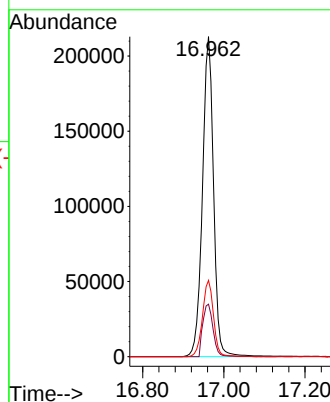
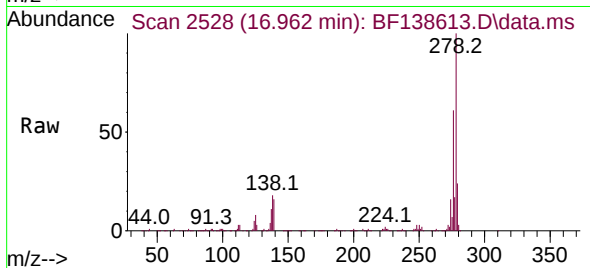
139 16.4 12.8 19.2

279 23.9 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: 43.805 ng

RT: 17.392 min Scan# 2601

Delta R.T. -0.024 min

Lab File: BF138613.D

Acq: 23 Jul 2024 12:26

Tgt Ion:276 Resp: 407193

Ion Ratio Lower Upper

276 100

277 22.7 18.0 27.0

138 21.4 15.5 23.3

