

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138694.D
 Acq On : 31 Jul 2024 10:31
 Operator : RC/JU
 Sample : PB162317BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162317BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 31 11:11:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	78938	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	328918	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	175164	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	316320	20.000	ng	0.00
76) Chrysene-d12	14.010	240	150487	20.000	ng	0.00
86) Perylene-d12	15.468	264	150788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	482273	94.310	ng	0.01
7) Phenol-d6	6.487	99	644900	93.931	ng	0.00
23) Nitrobenzene-d5	7.410	82	610345	90.723	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	149024	103.862	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1059040	90.841	ng	0.00
79) Terphenyl-d14	12.951	244	1025987	114.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	88832	39.678	ng	100
3) Pyridine	3.446	79	224729	41.437	ng	97
4) n-Nitrosodimethylamine	3.410	42	155802	48.235	ng	98
6) Aniline	6.510	93	266236	43.482	ng	90
8) 2-Chlorophenol	6.634	128	268561	49.916	ng	98
9) Benzaldehyde	6.398	77	28285	6.873	ng	95
10) Phenol	6.498	94	356192	49.274	ng	95
11) bis(2-Chloroethyl)ether	6.581	93	261957	47.091	ng	99
12) 1,3-Dichlorobenzene	6.787	146	272066	45.175	ng	100
13) 1,4-Dichlorobenzene	6.863	146	275903	45.395	ng	99
14) 1,2-Dichlorobenzene	7.016	146	263374	46.368	ng	99
15) Benzyl Alcohol	6.993	79	258445	52.228	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	458100	47.852	ng	98
17) 2-Methylphenol	7.104	107	221990	49.968	ng	97
18) Hexachloroethane	7.351	117	104002	45.459	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	205542	49.567	ng	96
20) 3+4-Methylphenols	7.257	107	277016	48.598	ng	91
22) Acetophenone	7.257	105	370074	45.952	ng	98
24) Nitrobenzene	7.434	77	305804	44.671	ng	97
25) Isophorone	7.669	82	562818	48.994	ng	99
26) 2-Nitrophenol	7.745	139	144614	49.101	ng	99
27) 2,4-Dimethylphenol	7.787	122	245029m	69.534	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	331753	47.423	ng	99
29) 2,4-Dichlorophenol	7.992	162	223497	49.357	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	238353	45.612	ng	97
31) Naphthalene	8.151	128	785911	45.394	ng	100
32) Benzoic acid	7.928	122	131908	47.619	ng	98
33) 4-Chloroaniline	8.198	127	188196	32.383	ng	99
34) Hexachlorobutadiene	8.263	225	136408	43.097	ng	98
35) Caprolactam	8.575	113	73464m	54.372	ng	
36) 4-Chloro-3-methylphenol	8.687	107	256516	49.568	ng	99
37) 2-Methylnaphthalene	8.839	142	511228	46.755	ng	99
38) 1-Methylnaphthalene	8.939	142	473181	44.162	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	224623	46.163	ng	98
41) Hexachlorocyclopentadiene	8.986	237	230847	170.599	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	144959	48.861	ng	100

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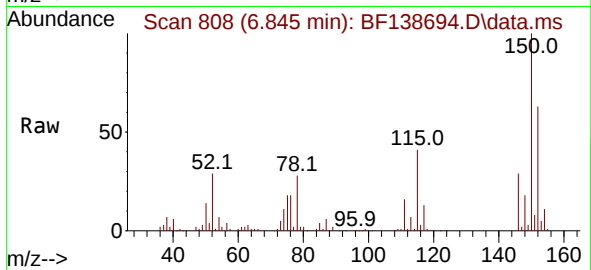
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	157106	48.440	ng	99
46) 1,1'-Biphenyl	9.304	154	647003	47.163	ng	100
47) 2-Chloronaphthalene	9.328	162	478080	46.857	ng	100
48) 2-Nitroaniline	9.428	65	177401	51.288	ng	98
49) Acenaphthylene	9.745	152	728188	50.321	ng	100
50) Dimethylphthalate	9.610	163	583575	52.104	ng	99
51) 2,6-Dinitrotoluene	9.675	165	129867	51.378	ng	98
52) Acenaphthene	9.916	154	475601	48.892	ng	100
53) 3-Nitroaniline	9.839	138	92677	35.467	ng	99
54) 2,4-Dinitrophenol	9.957	184	138974	119.437	ng	96
55) Dibenzofuran	10.086	168	674556	49.125	ng	99
56) 4-Nitrophenol	10.016	139	188535	119.982	ng	98
57) 2,4-Dinitrotoluene	10.081	165	169043	52.418	ng	93
58) Fluorene	10.433	166	538123	49.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140809	56.788	ng	98
60) Diethylphthalate	10.304	149	562343	52.953	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	261765	48.674	ng	98
62) 4-Nitroaniline	10.457	138	124884	50.291	ng	96
63) Azobenzene	10.581	77	597149	50.699	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	96861	50.192	ng	96
66) n-Nitrosodiphenylamine	10.545	169	471293	47.666	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	156013	45.554	ng	99
68) Hexachlorobenzene	10.980	284	161278	45.609	ng	96
69) Atrazine	11.069	200	153359	60.118	ng	98
70) Pentachlorophenol	11.180	266	155400	97.499	ng	99
71) Phenanthrene	11.392	178	792719	48.669	ng	100
72) Anthracene	11.445	178	781032	48.675	ng	99
73) Carbazole	11.604	167	663458	47.925	ng	99
74) Di-n-butylphthalate	11.927	149	827372	53.165	ng	100
75) Fluoranthene	12.580	202	725402	47.706	ng	100
77) Benzidine	12.704	184	101908	28.313	ng	100
78) Pyrene	12.810	202	715216	50.478	ng	99
80) Butylbenzylphthalate	13.422	149	236194	52.057	ng	99
81) Benzo(a)anthracene	13.998	228	507928	49.014	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	129282	48.751	ng	99
83) Chrysene	14.033	228	445832	47.686	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	304194	45.784	ng	99
85) Di-n-octyl phthalate	14.592	149	545252	44.356	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	529792	49.028	ng	99
88) Benzo(b)fluoranthene	15.045	252	463540	49.590	ng	99
89) Benzo(k)fluoranthene	15.074	252	430293	53.168	ng	99
90) Benzo(a)pyrene	15.410	252	397565	50.565	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	438701	49.457	ng	100
92) Benzo(g,h,i)perylene	17.386	276	427711	46.466	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

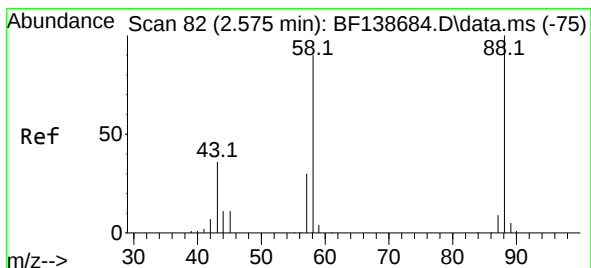
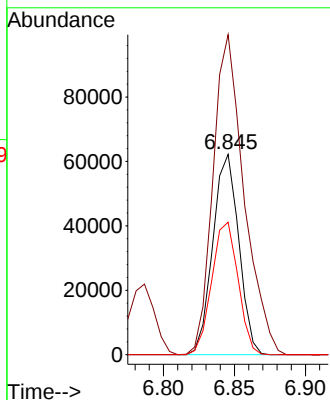
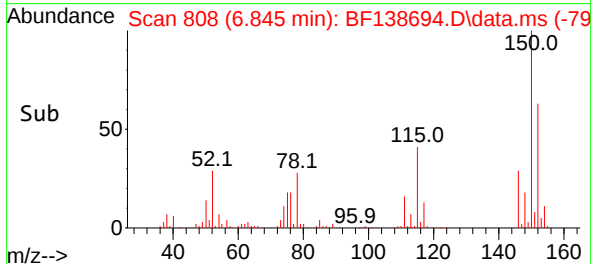
Instrument :
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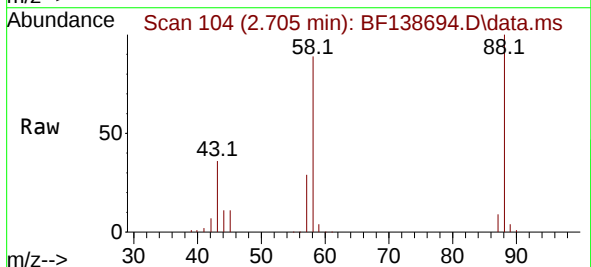
Tgt Ion:152 Resp: 78938
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 66.1 51.7 77.5

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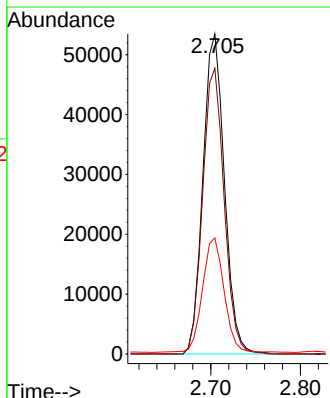
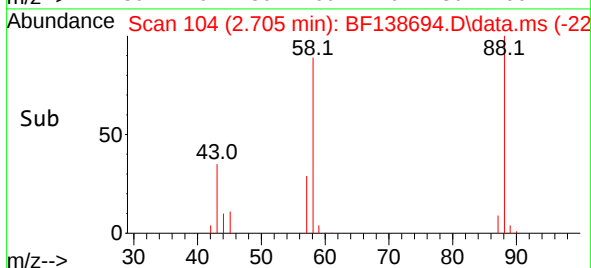
Reviewed By :Jagrut Upadhyay 08/01/2024
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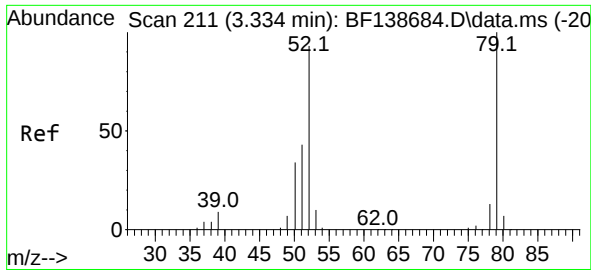


#2
1,4-Dioxane
Concen: 39.678 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.129 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion: 88 Resp: 88832
Ion Ratio Lower Upper
88 100
58 89.2 71.6 107.4
43 35.9 28.7 43.1





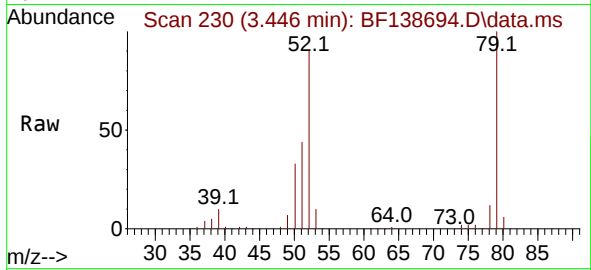
#3
Pyridine
Concen: 41.437 ng
RT: 3.446 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

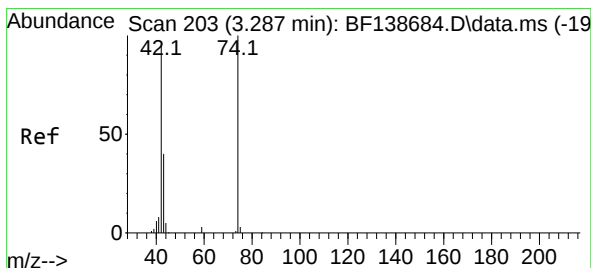
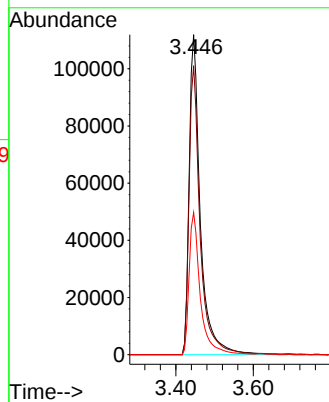
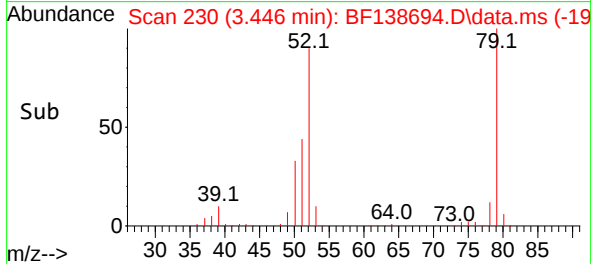


Tgt Ion: 79 Resp: 224729
Ion Ratio Lower Upper
79 100
52 90.3 74.7 112.1
51 44.5 34.6 51.8

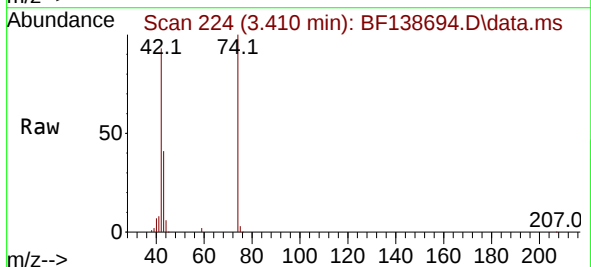
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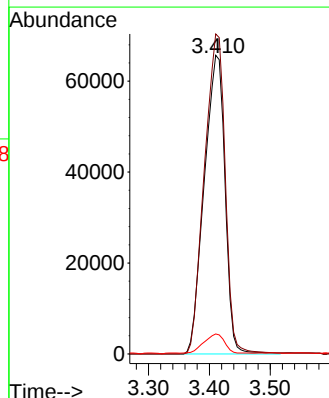
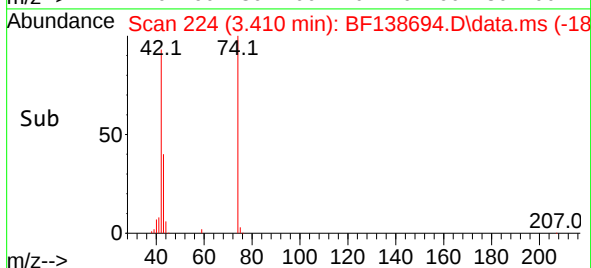
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Supervised By :mohammad ahmed 08/03/2024

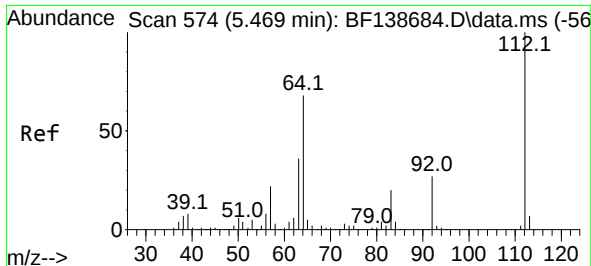


#4
n-Nitrosodimethylamine
Concen: 48.235 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.124 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion: 42 Resp: 155802
Ion Ratio Lower Upper
42 100
74 107.1 84.2 126.4
44 6.7 4.9 7.3





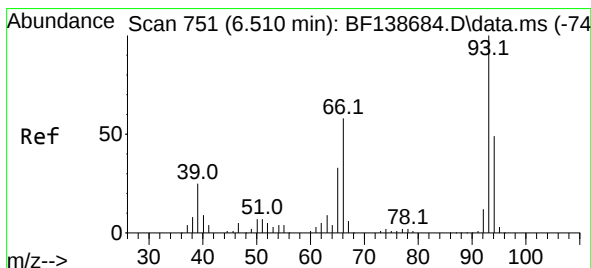
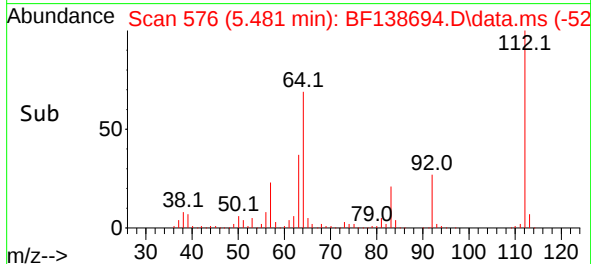
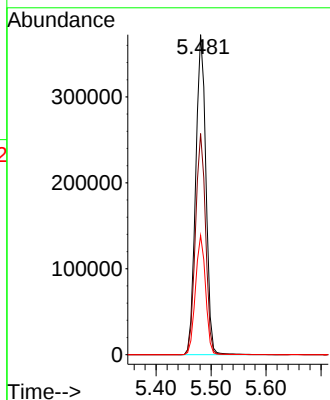
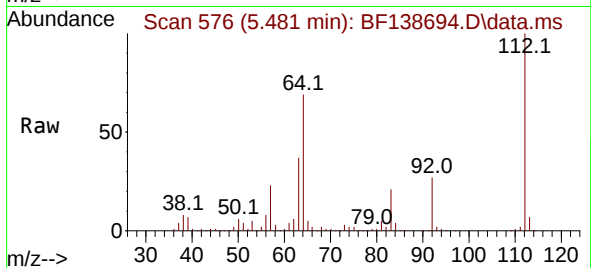
#5
2-Fluorophenol
Concen: 94.310 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :
BNA_F
ClientSampleId :
PB162317BS

Tgt Ion:112 Resp: 48227
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.3 28.7 43.1

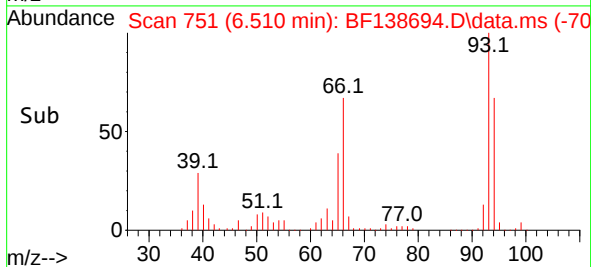
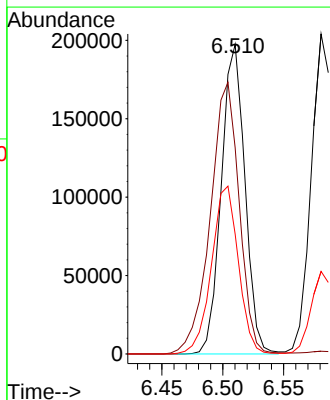
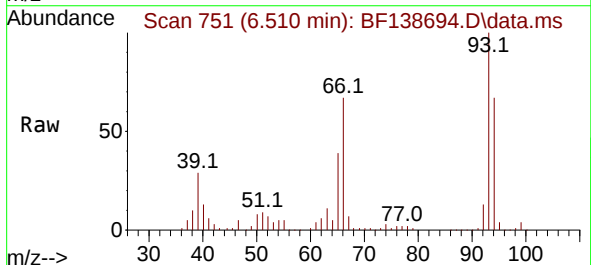
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#6
Aniline
Concen: 43.482 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

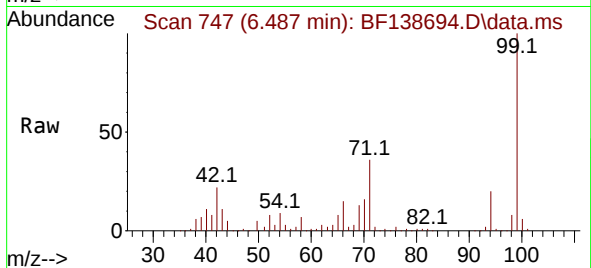
Tgt Ion: 93 Resp: 266236
Ion Ratio Lower Upper
93 100
66 66.6 46.9 70.3
65 38.7 26.5 39.7





#7
Phenol-d6
Concen: 93.931 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

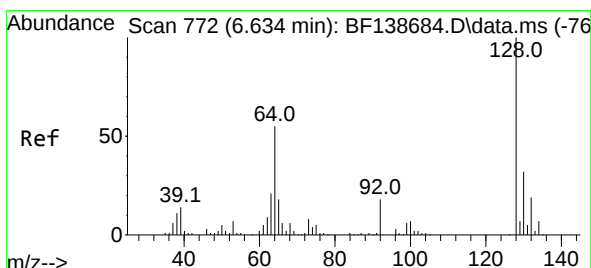
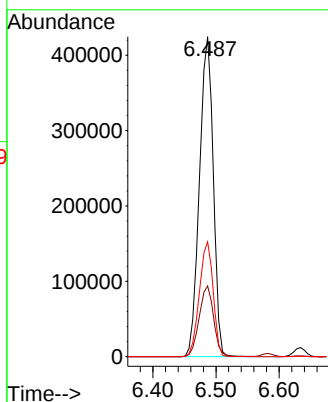
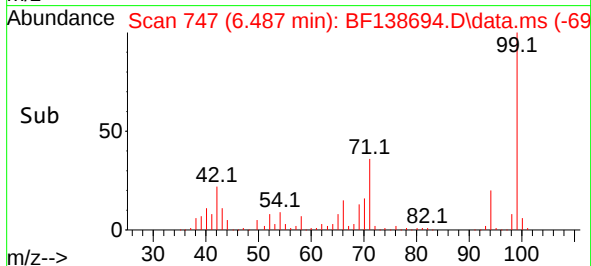
Instrument :
BNA_F
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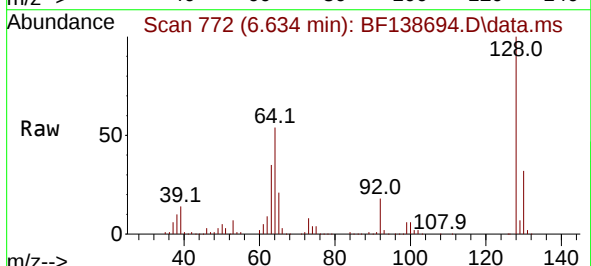
Tgt Ion: 99 Resp: 644900
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 35.9 28.1 42.1

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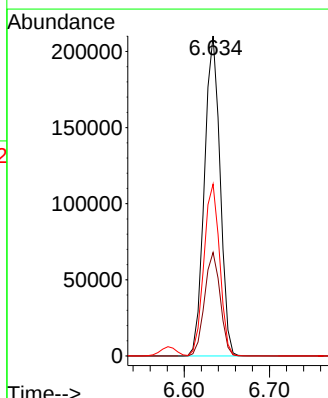
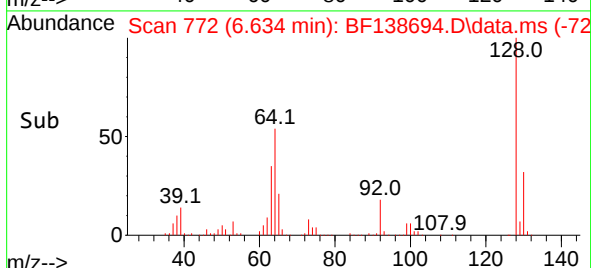
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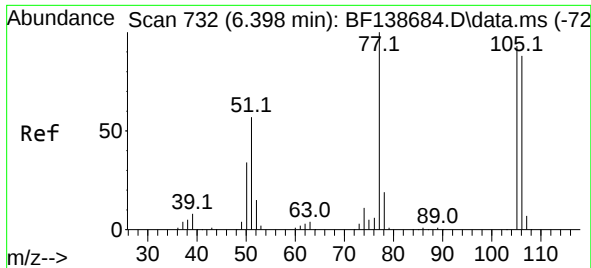


#8
2-Chlorophenol
Concen: 49.916 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:128 Resp: 268561
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 53.7 36.3 76.3





#9

Benzaldehyde

Concen: 6.873 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

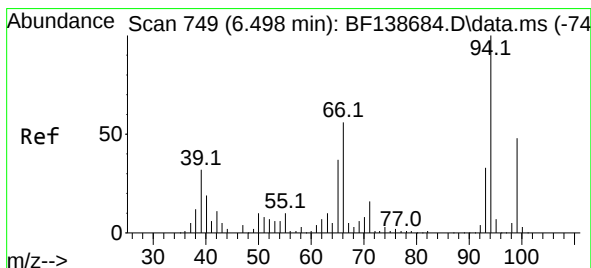
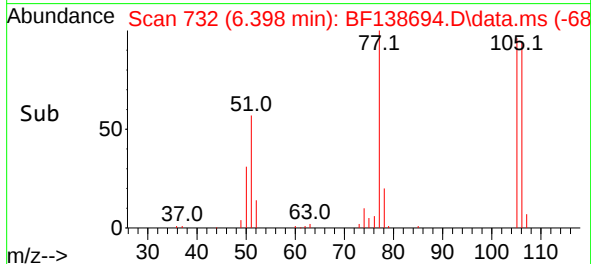
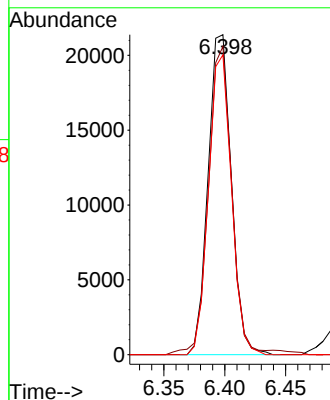
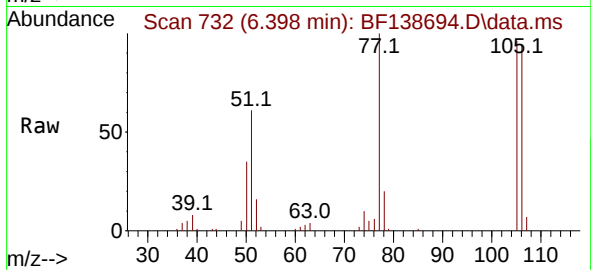
PB162317BS

Tgt Ion: 77	Resp: 2828
Ion Ratio	Lower Upper
77 100	
105 96.3	72.9 112.9
106 93.7	68.4 108.4

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#10

Phenol

Concen: 49.274 ng

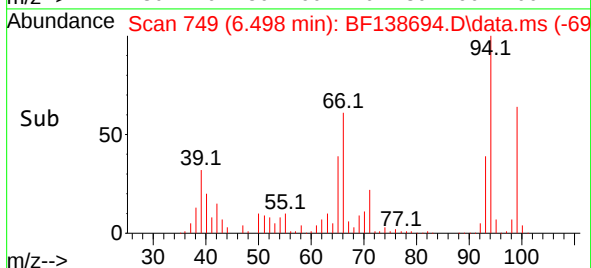
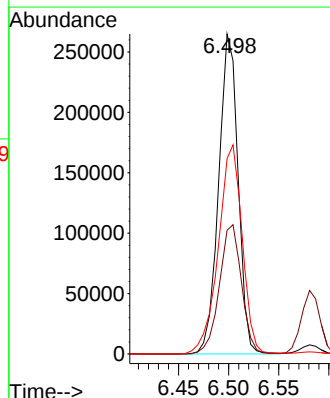
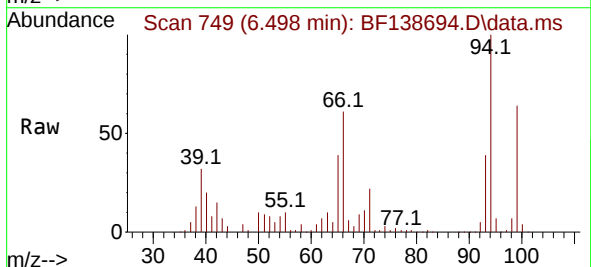
RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Tgt Ion: 94	Resp: 356192
Ion Ratio	Lower Upper
94 100	
65 38.6	16.9 56.9
66 61.1	36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 47.091 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

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PB162317BS

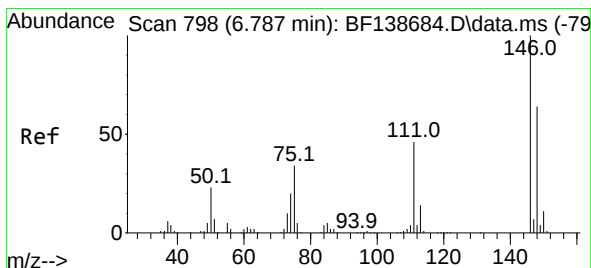
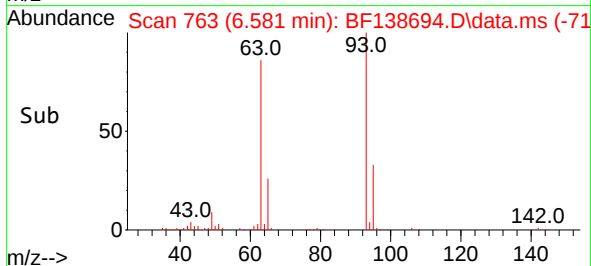
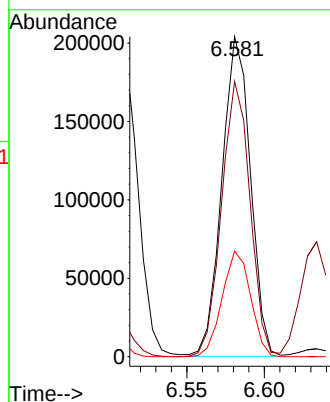
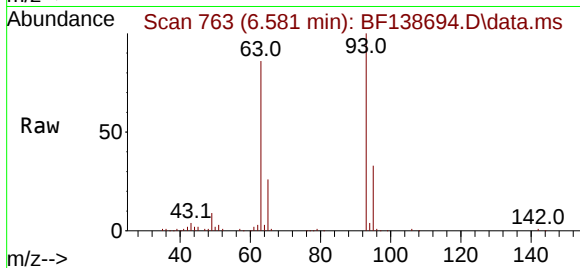
Tgt Ion: 93 Resp: 26195

Ion	Ratio	Lower	Upper
93	100		
63	86.1	65.3	105.3
95	32.9	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#12

1,3-Dichlorobenzene

Concen: 45.175 ng

RT: 6.787 min Scan# 798

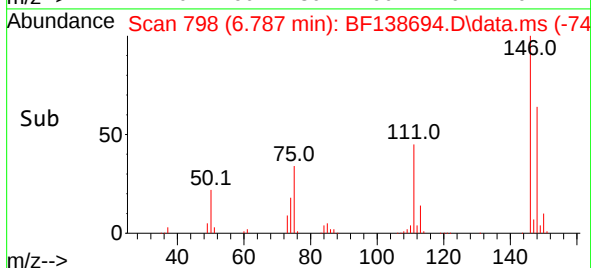
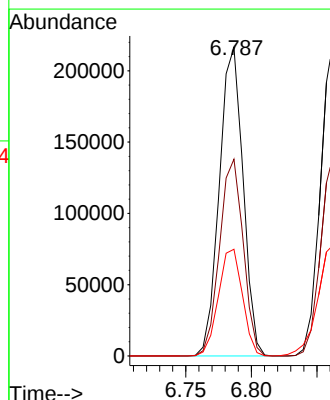
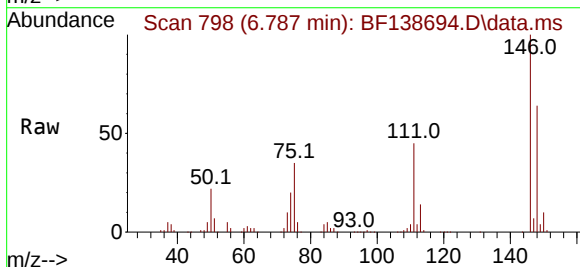
Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Tgt Ion:146 Resp: 272066

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
75	34.6	27.4	41.2





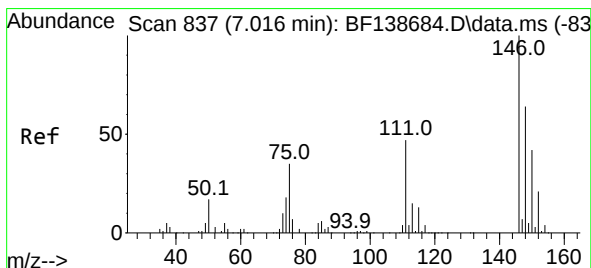
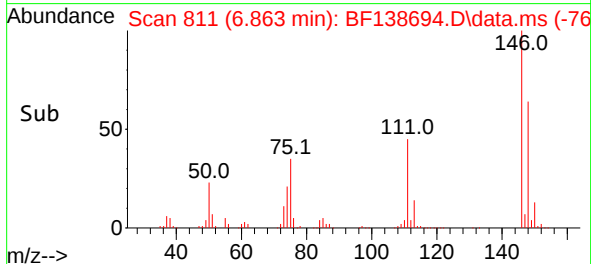
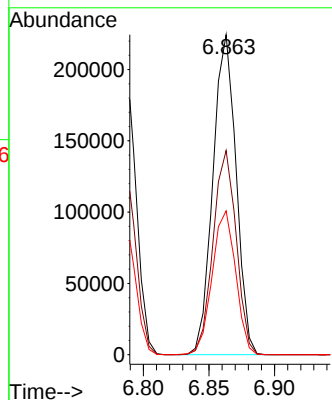
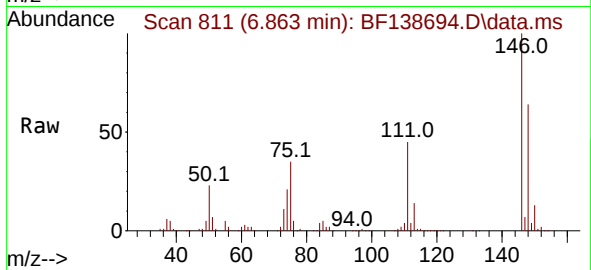
#13
1,4-Dichlorobenzene
Concen: 45.395 ng
RT: 6.863 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :
BNA_F
ClientSampleId :
PB162317BS

Tgt Ion:146 Resp: 27590
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 44.9 35.9 53.9

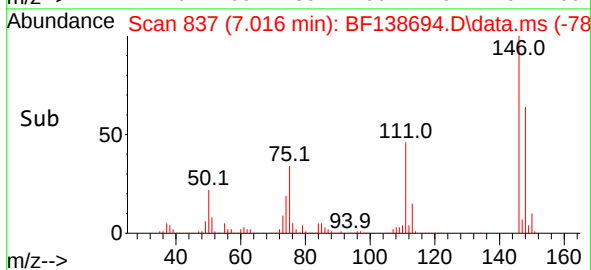
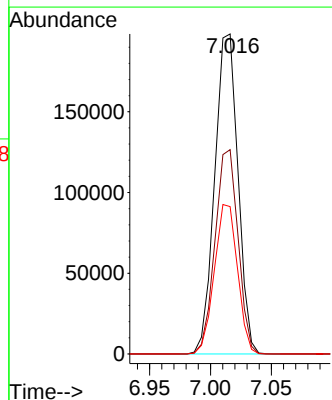
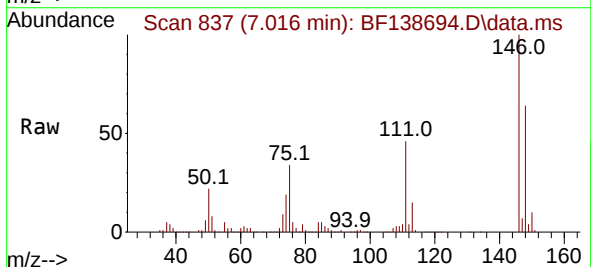
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#14
1,2-Dichlorobenzene
Concen: 46.368 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:146 Resp: 263374
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 46.1 37.4 56.2





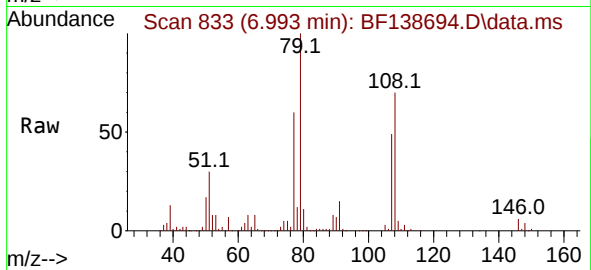
#15
Benzyl Alcohol
Concen: 52.228 ng
RT: 6.993 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

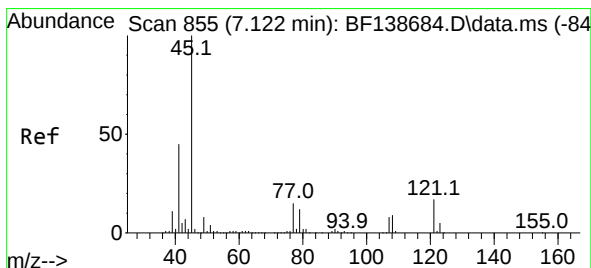
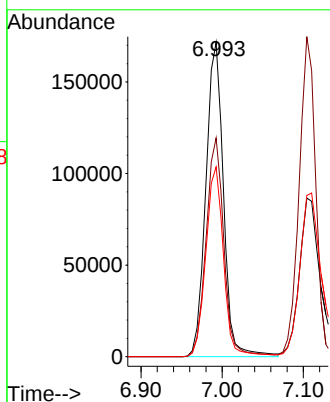
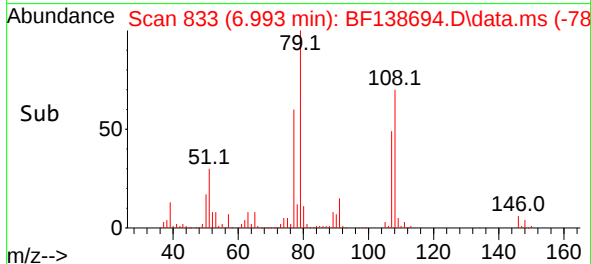
PB162317BS



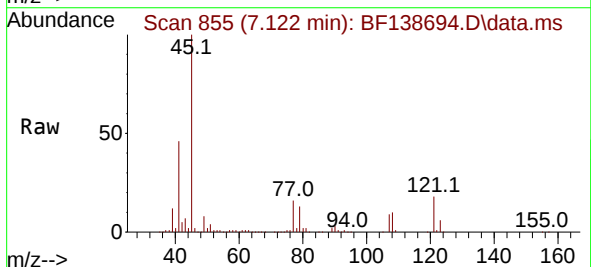
Tgt Ion: 79 Resp: 25844
Ion Ratio Lower Upper
79 100
108 69.6 56.6 85.0
77 60.4 50.3 75.5

Manual Integrations
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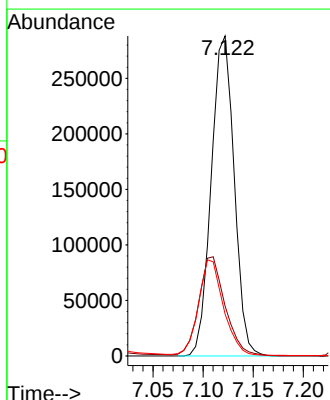
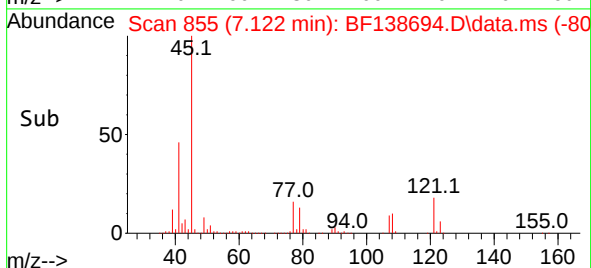
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.852 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion: 45 Resp: 458100
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.9
79 13.1 0.0 32.2





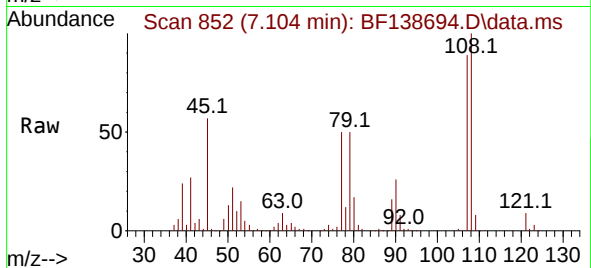
#17
2-Methylphenol
Concen: 49.968 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

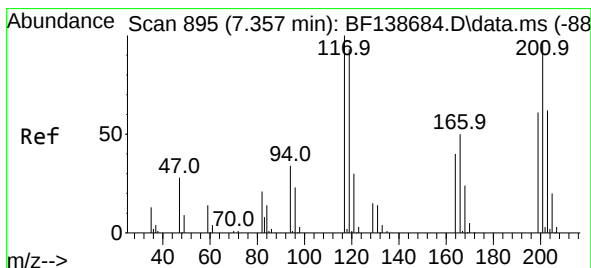
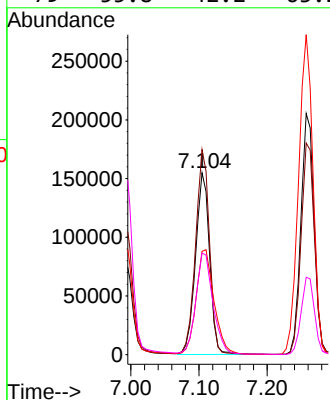
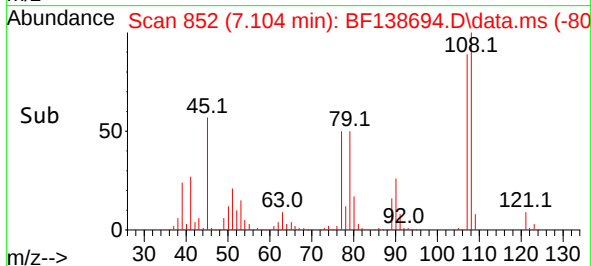


Tgt Ion:107 Resp: 221990
Ion Ratio Lower Upper
107 100
108 112.7 89.2 133.8
77 56.8 43.0 64.4
79 55.8 42.2 63.2

Manual Integrations

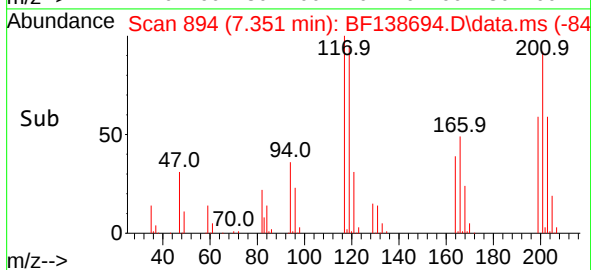
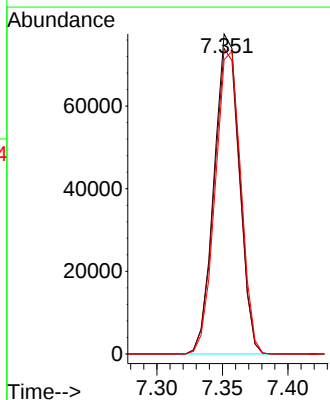
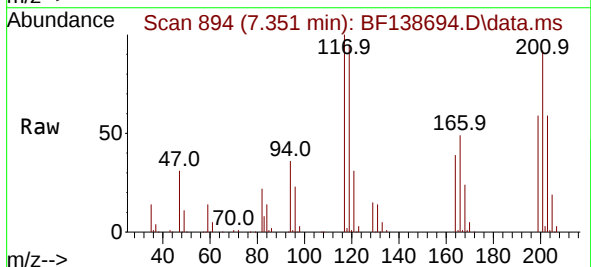
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#18
Hexachloroethane
Concen: 45.459 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:117 Resp: 104002
Ion Ratio Lower Upper
117 100
119 95.4 74.6 111.8
201 92.0 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.567 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

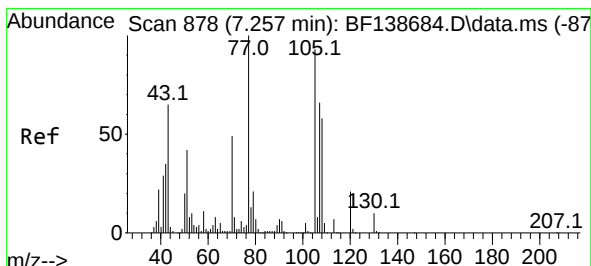
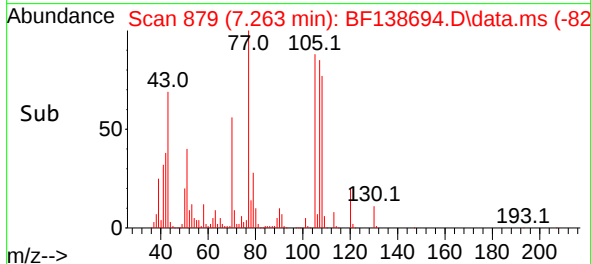
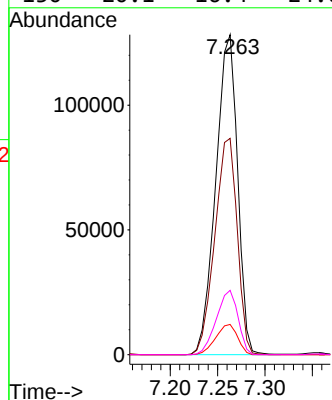
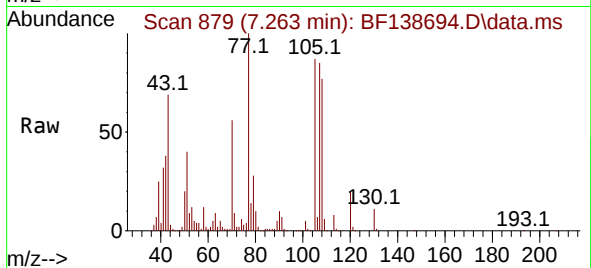
PB162317BS

Tgt Ion: 70 Resp: 20554
Ion Ratio Lower Upper
70 100
42 67.6 57.4 86.0
101 9.5 7.5 11.3
130 20.1 16.4 24.6

Manual Integrations

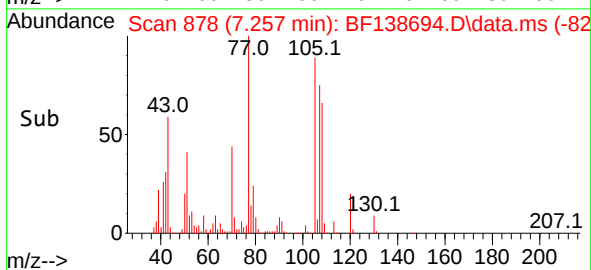
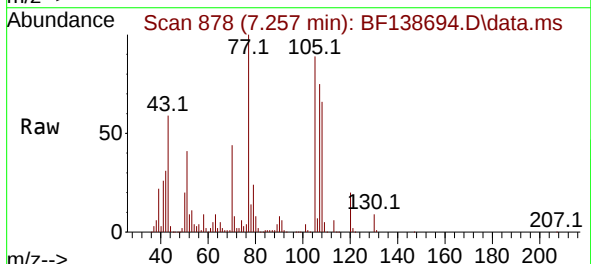
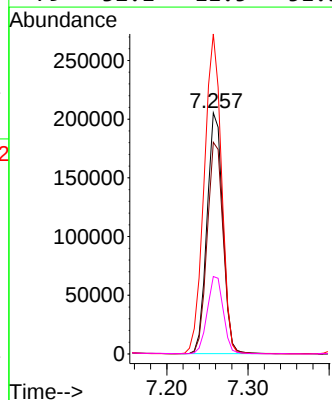
APPROVED

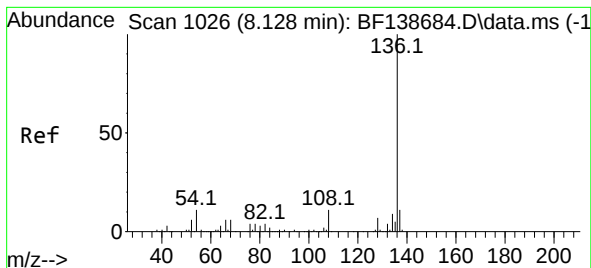
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#20
3+4-Methylphenols
Concen: 48.598 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:107 Resp: 277016
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 132.7 132.1 172.1
79 32.1 11.5 51.5





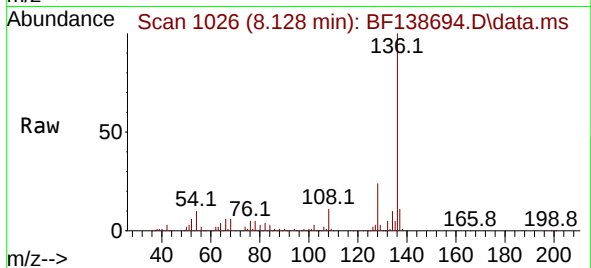
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

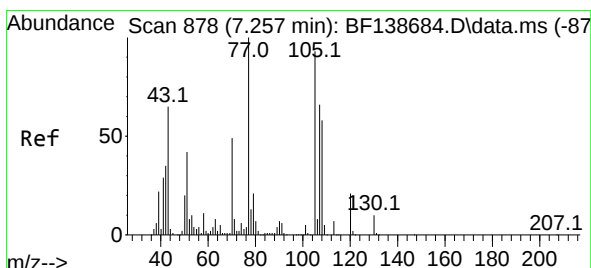
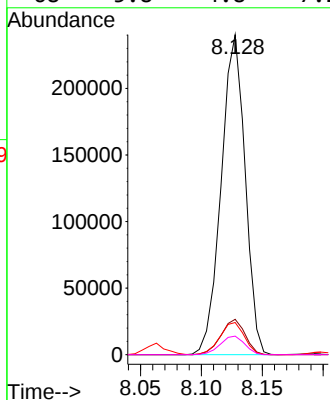
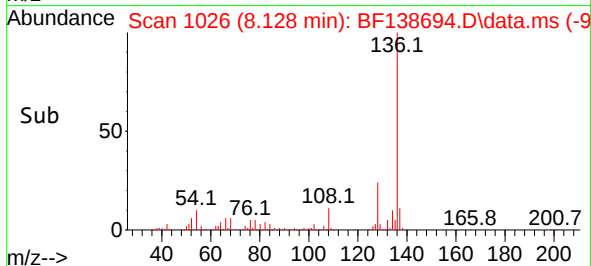


Tgt Ion:136 Resp: 328918
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.0 8.6 12.8
68 5.8 4.8 7.2

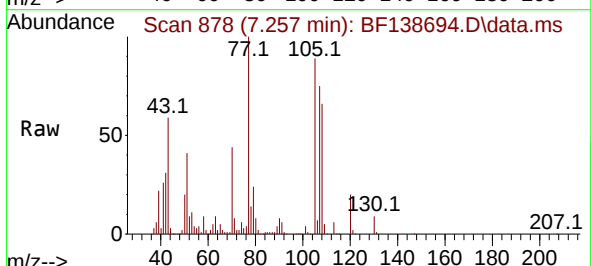
Manual Integrations

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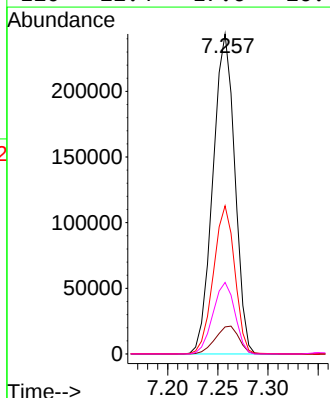
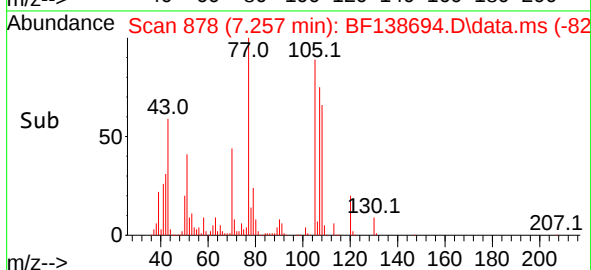
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Acetophenone
Concen: 45.952 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:105 Resp: 370074
Ion Ratio Lower Upper
105 100
71 8.4 7.2 10.8
51 46.3 35.9 53.9
120 22.4 17.6 26.4





#23

Nitrobenzene-d5

Concen: 90.723 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

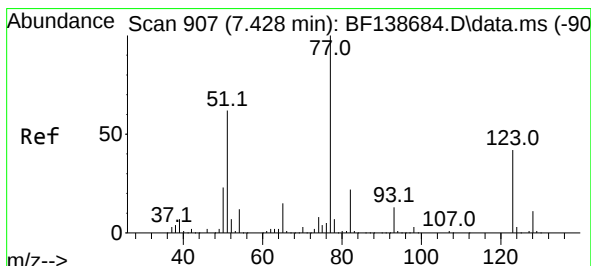
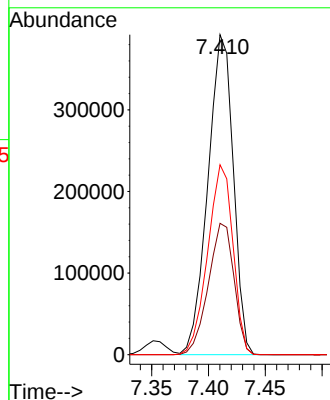
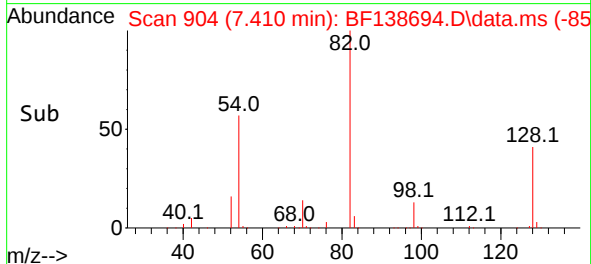
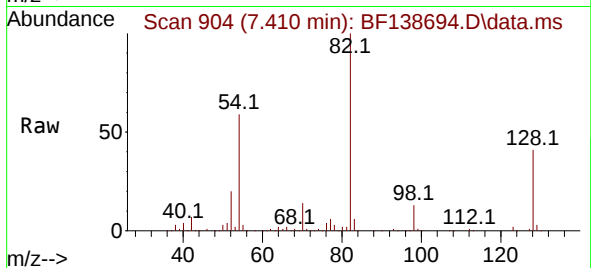
Tgt Ion: 82 Resp: 61034

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.8	49.2
54	59.3	48.3	72.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#24

Nitrobenzene

Concen: 44.671 ng

RT: 7.434 min Scan# 908

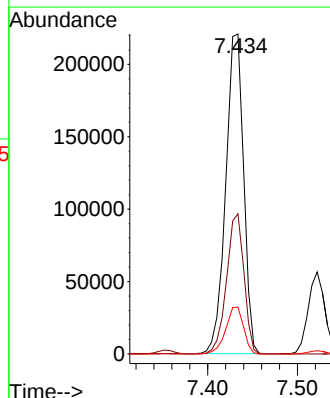
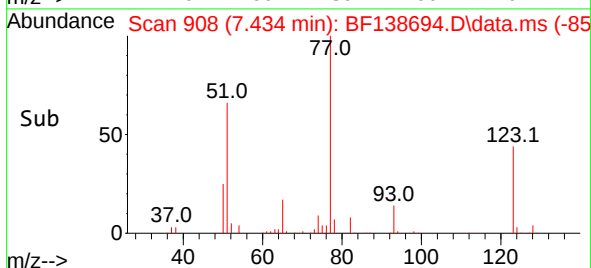
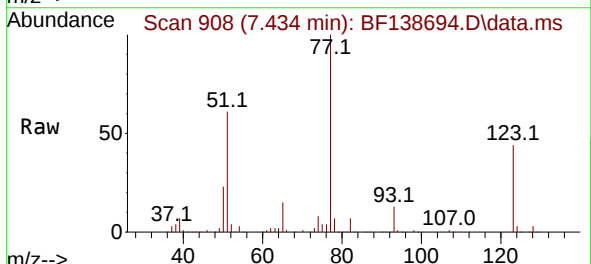
Delta R.T. 0.006 min

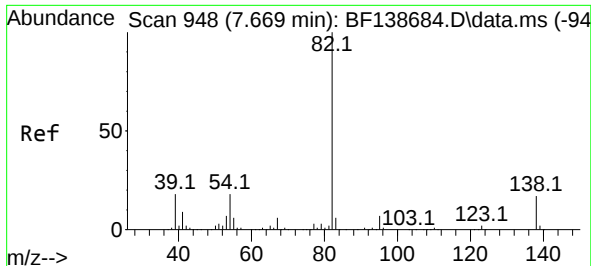
Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Tgt Ion: 77 Resp: 305804

Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.3	49.9
65	14.7	11.9	17.9





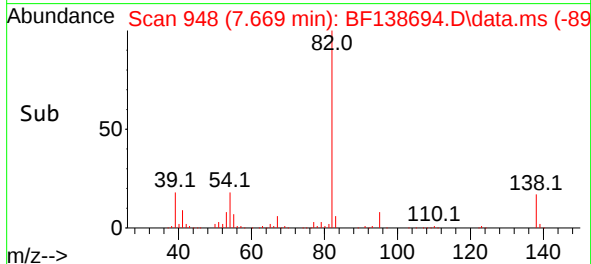
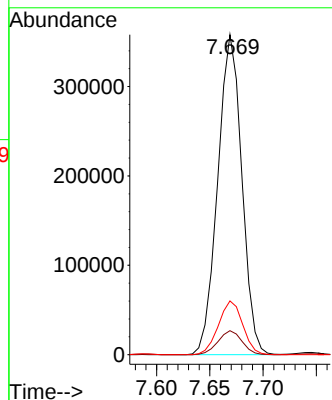
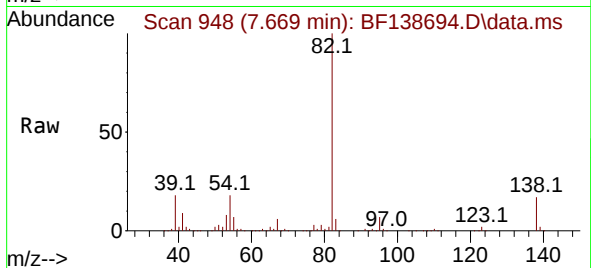
#25
Isophorone
Concen: 48.994 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :
BNA_F
Client Sample Id :
PB162317BS

Tgt Ion: 82 Resp: 562818
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 16.8 13.7 20.5

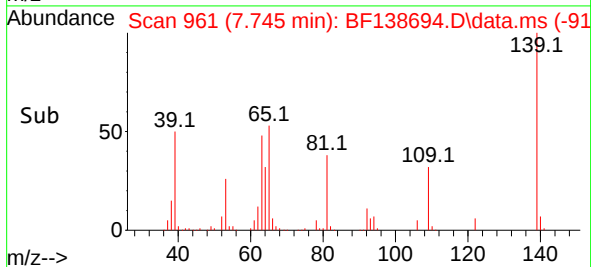
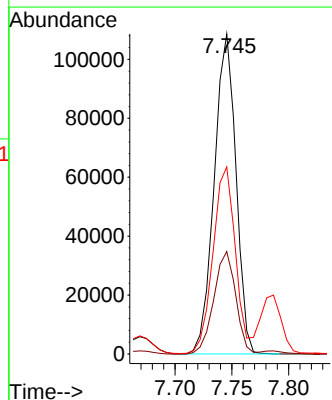
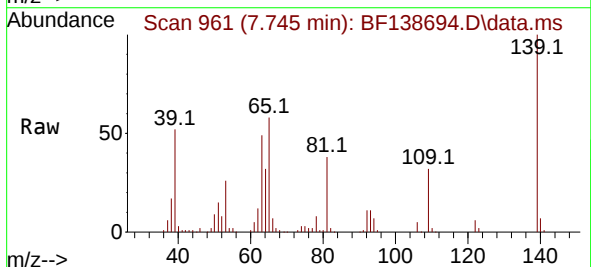
Manual Integrations
APPROVED

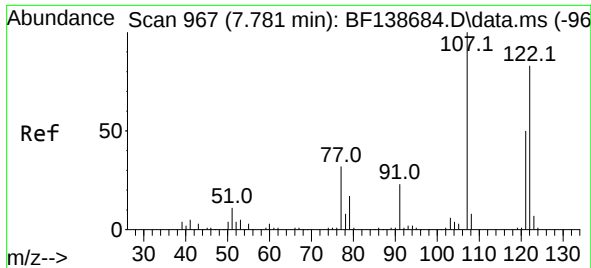
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#26
2-Nitrophenol
Concen: 49.101 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

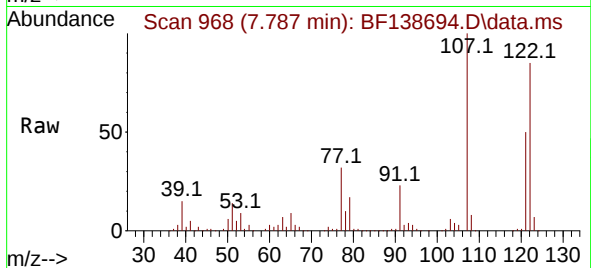
Tgt Ion:139 Resp: 144614
Ion Ratio Lower Upper
139 100
109 32.0 25.9 38.9
65 58.5 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 69.534 ng m
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

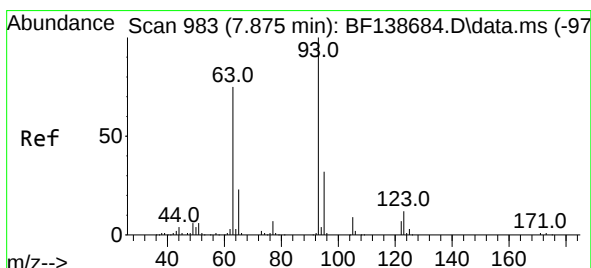
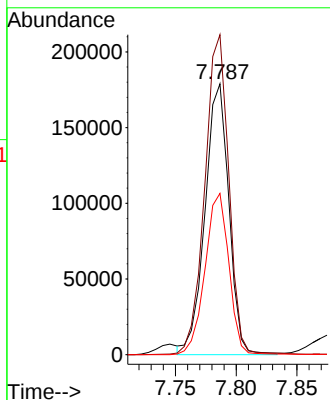
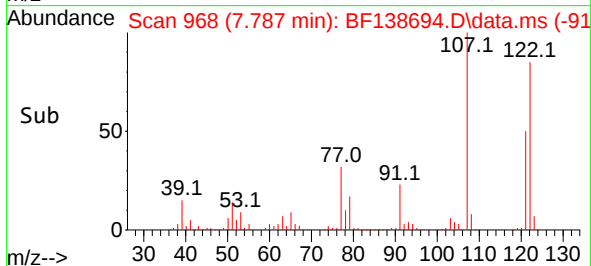
Instrument :
BNA_F
ClientSampleId :
PB162317BS



Tgt Ion:122 Resp: 245029
Ion Ratio Lower Upper
122 100
107 118.1 95.0 142.6
121 59.6 47.3 70.9

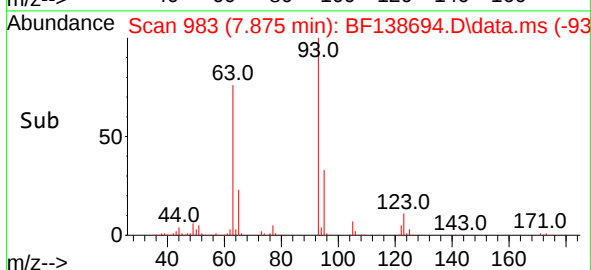
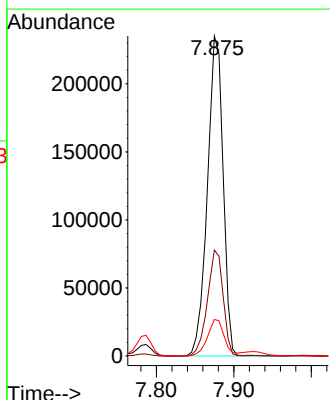
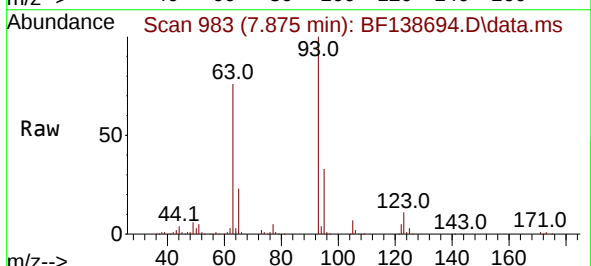
Manual Integrations
APPROVED

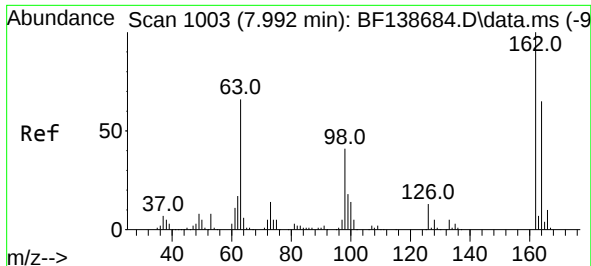
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.423 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion: 93 Resp: 331753
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.8
123 11.4 9.4 14.0





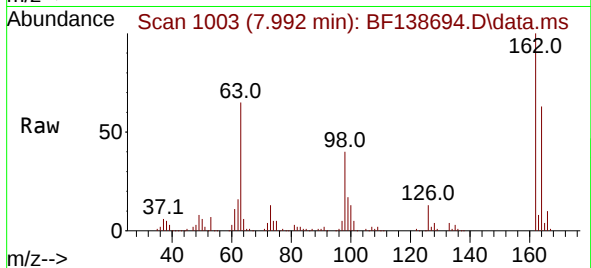
#29
2,4-Dichlorophenol
Concen: 49.357 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

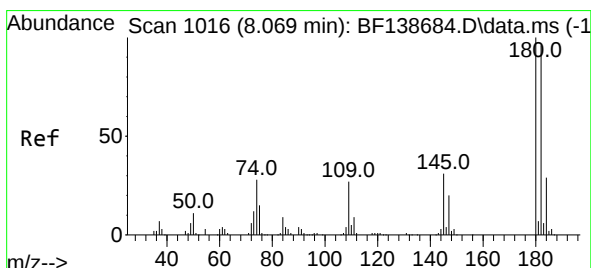
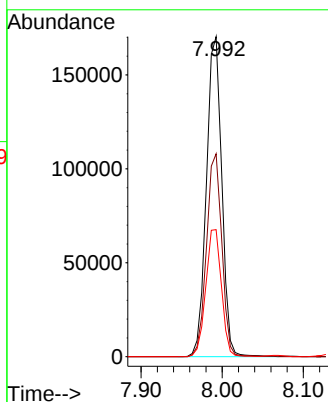
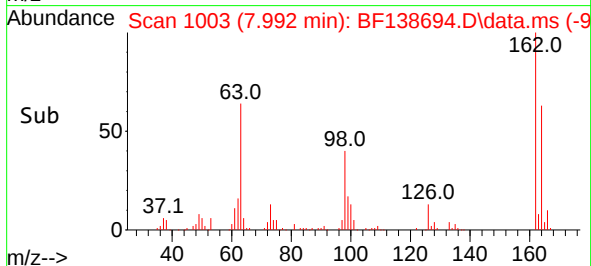


Tgt Ion:162 Resp: 223497
Ion Ratio Lower Upper
162 100
164 63.4 44.7 84.7
98 39.7 20.8 60.8

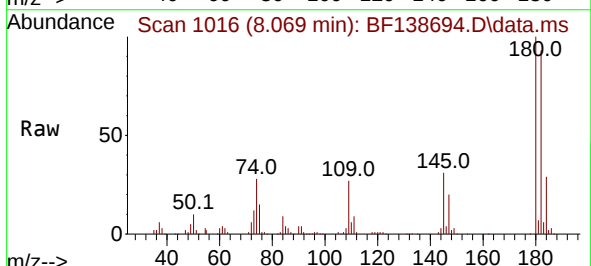
Manual Integrations

APPROVED

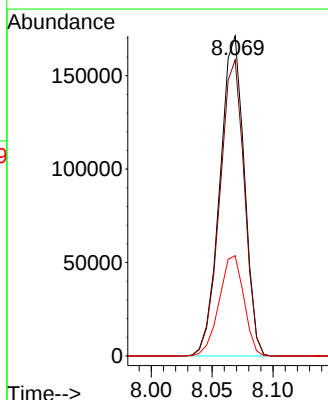
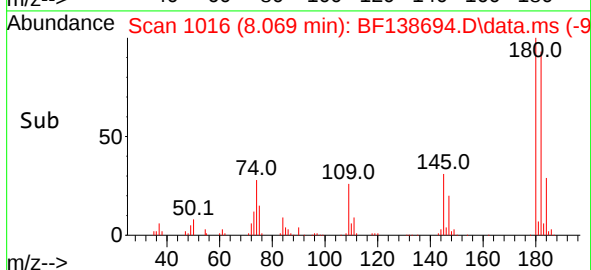
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

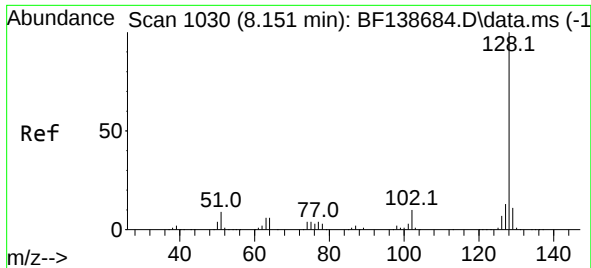


#30
1,2,4-Trichlorobenzene
Concen: 45.612 ng
RT: 8.069 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:180 Resp: 238353
Ion Ratio Lower Upper
180 100
182 92.6 76.9 115.3
145 31.3 25.0 37.4





#31
Naphthalene
Concen: 45.394 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

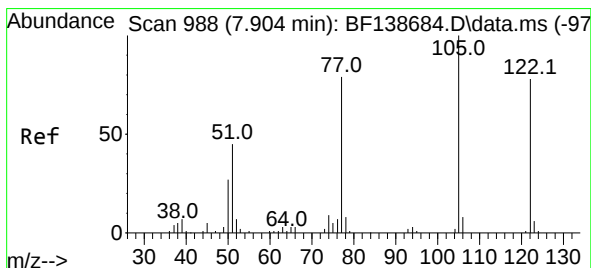
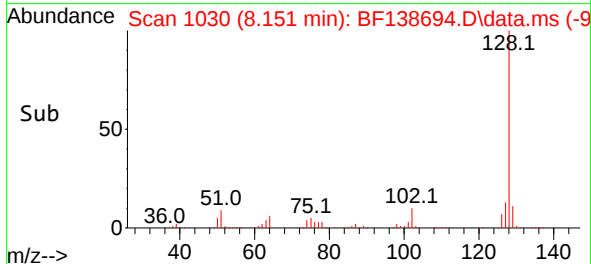
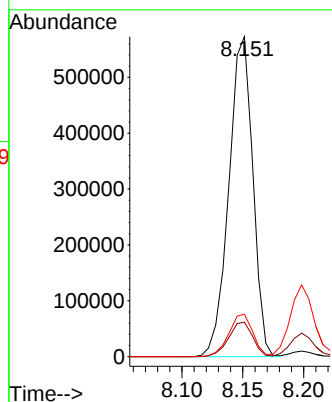
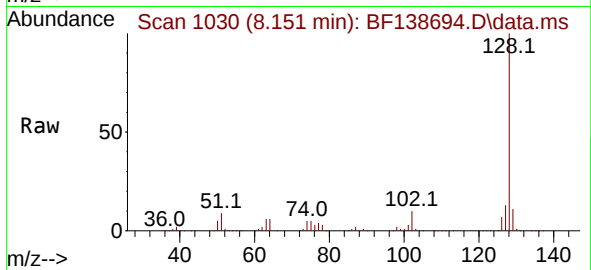
PB162317BS

Tgt Ion:128 Resp: 78591
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations

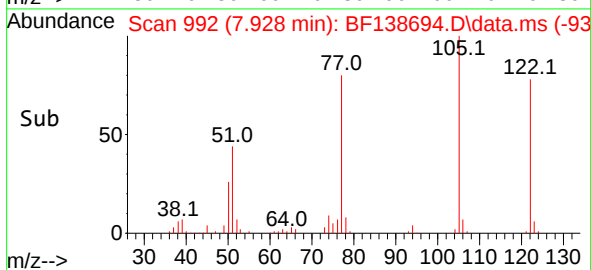
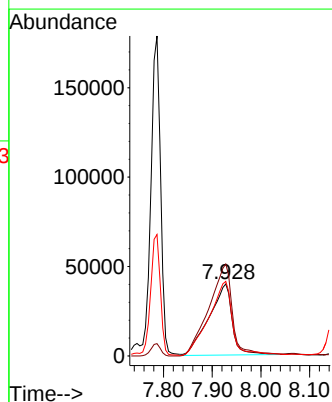
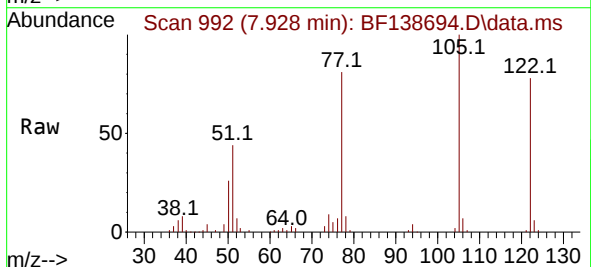
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#32
Benzoic acid
Concen: 47.619 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:122 Resp: 131908
Ion Ratio Lower Upper
122 100
105 127.8 106.7 146.7
77 103.6 81.1 121.1





#33
4-Chloroaniline
Concen: 32.383 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

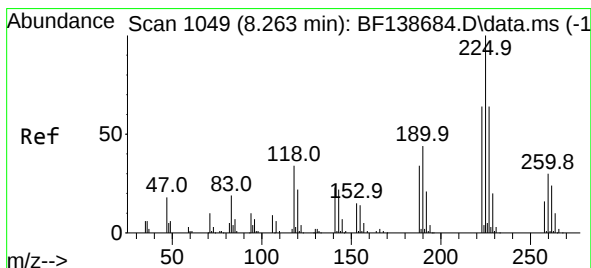
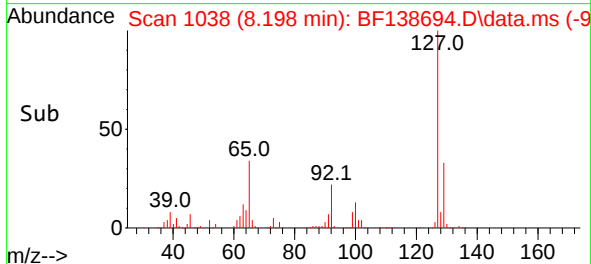
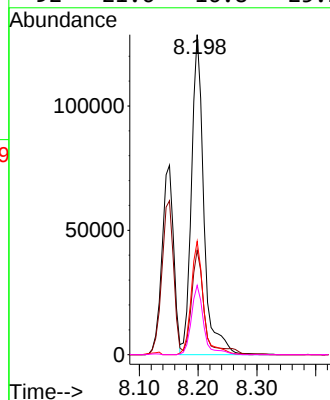
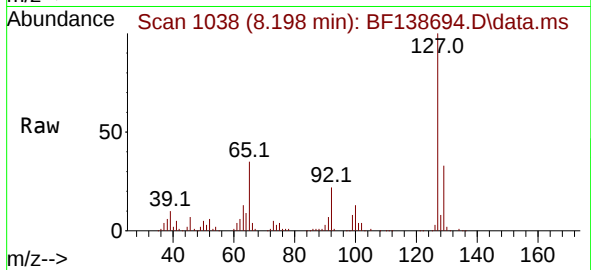
PB162317BS

Tgt Ion:127 Resp: 188190
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9
65 35.4 27.6 41.4
92 21.6 16.8 25.2

Manual Integrations

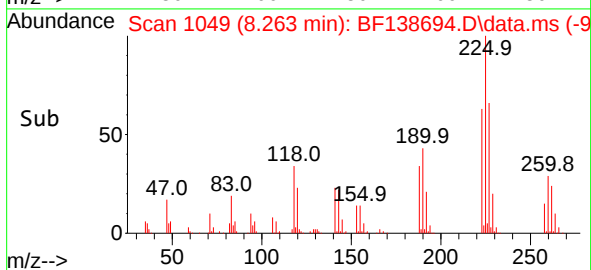
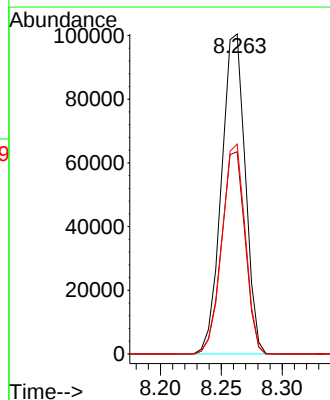
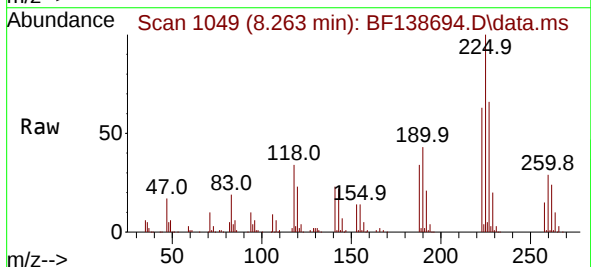
APPROVED

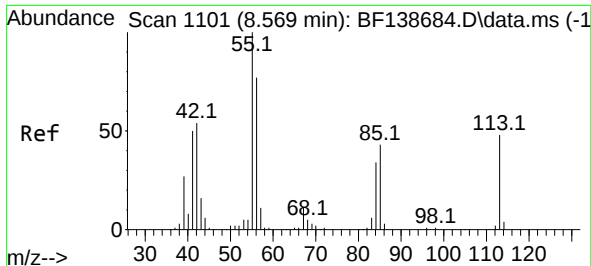
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#34
Hexachlorobutadiene
Concen: 43.097 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

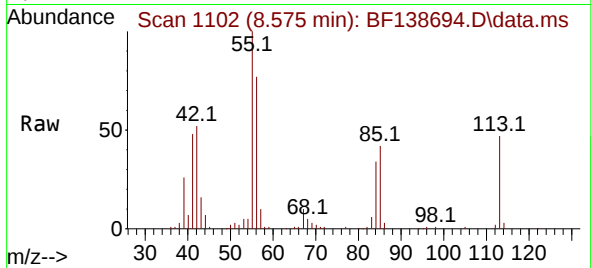
Tgt Ion:225 Resp: 136408
Ion Ratio Lower Upper
225 100
223 63.2 51.2 76.8
227 65.6 51.1 76.7





#35
Caprolactam
Concen: 54.372 ng m
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

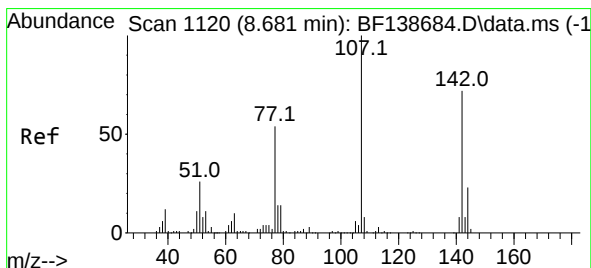
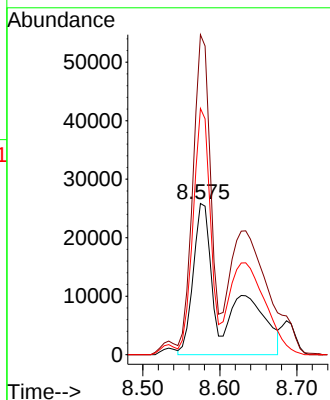
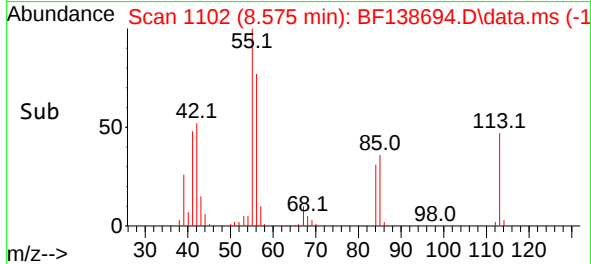
Instrument :
BNA_F
ClientSampleId :
PB162317BS



Tgt Ion:113 Resp: 73464
Ion Ratio Lower Upper
113 100
55 211.7 186.7 226.7
56 162.9 138.9 178.9

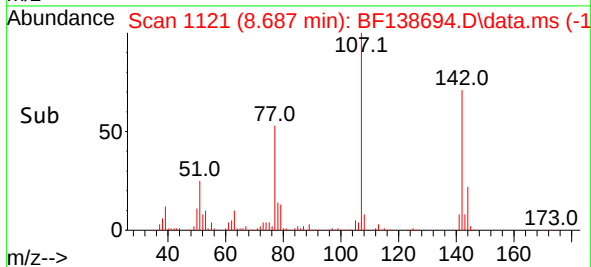
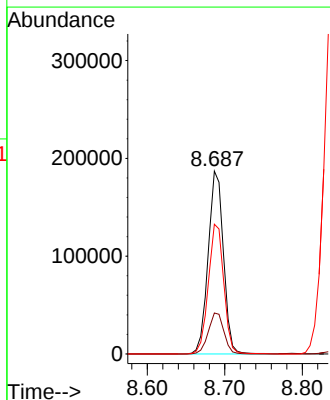
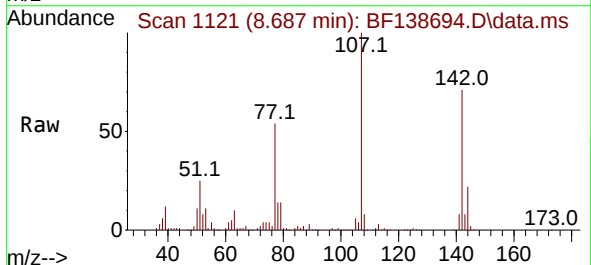
Manual Integrations
APPROVED

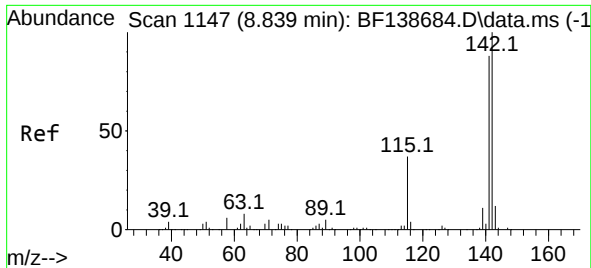
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#36
4-Chloro-3-methylphenol
Concen: 49.568 ng
RT: 8.687 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:107 Resp: 256516
Ion Ratio Lower Upper
107 100
144 22.4 18.2 27.2
142 71.0 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.755 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

Tgt Ion:142 Resp: 511228

Ion Ratio Lower Upper

142 100

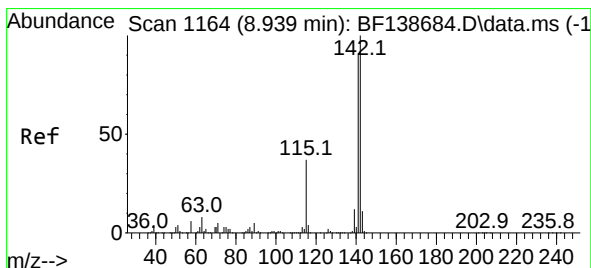
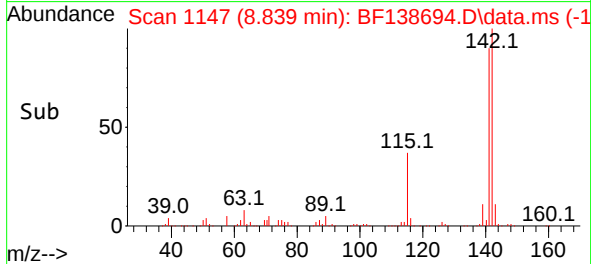
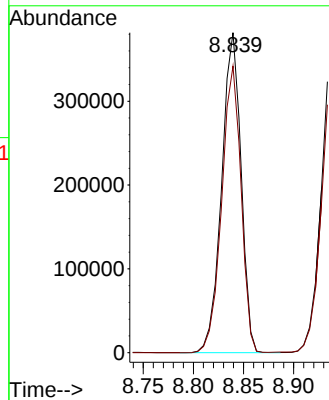
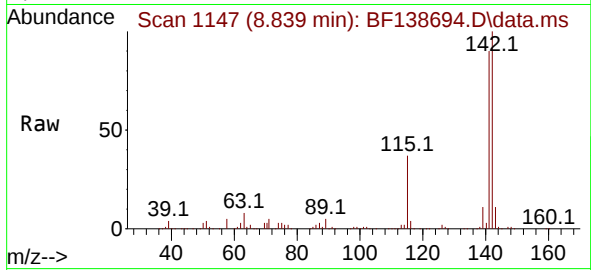
141 89.6 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024

Supervised By :mohammad ahmed 08/03/2024



#38

1-Methylnaphthalene

Concen: 44.162 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138694.D

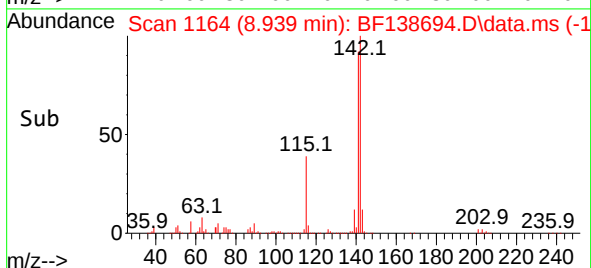
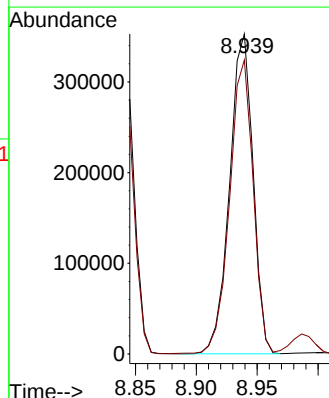
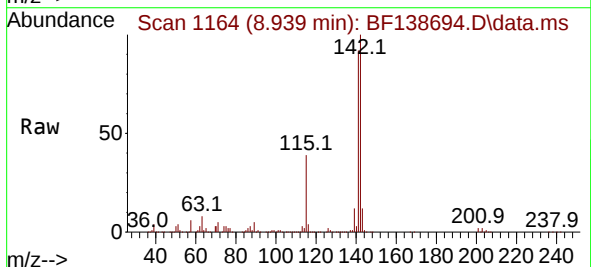
Acq: 31 Jul 2024 10:31

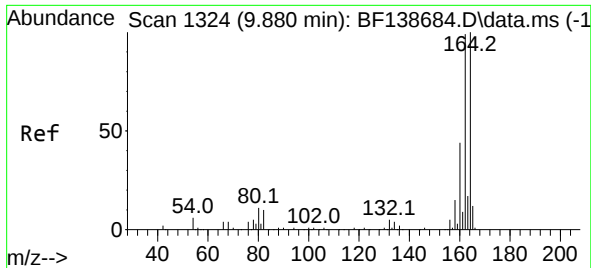
Tgt Ion:142 Resp: 473181

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7





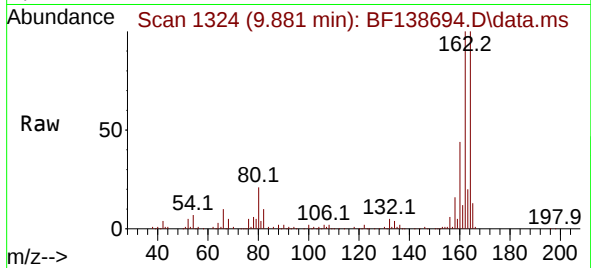
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

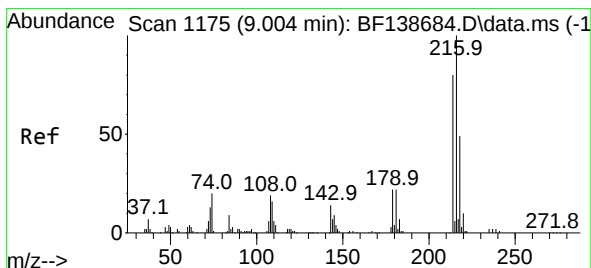
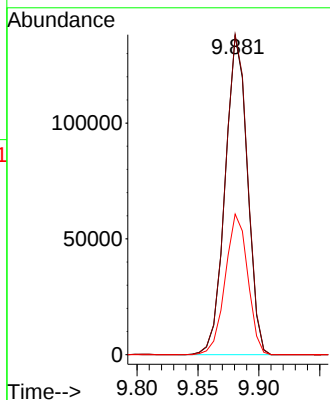
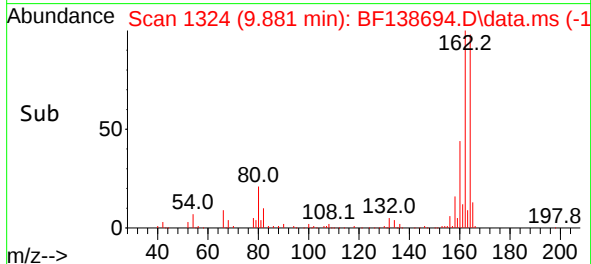


Tgt Ion:164 Resp: 175164
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 44.1 35.1 52.7

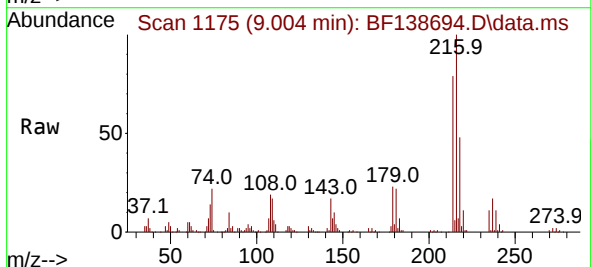
Manual Integrations

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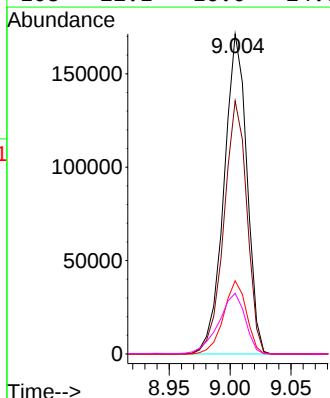
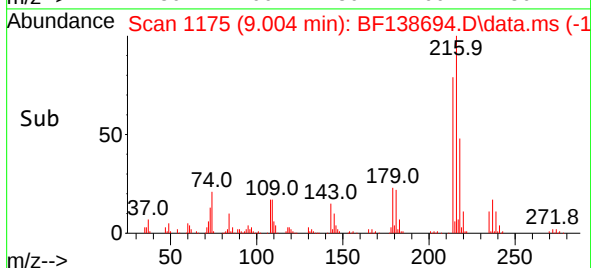
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

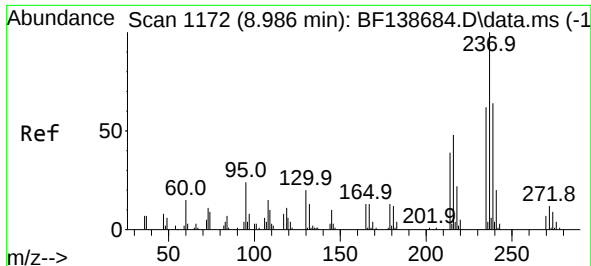


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.163 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



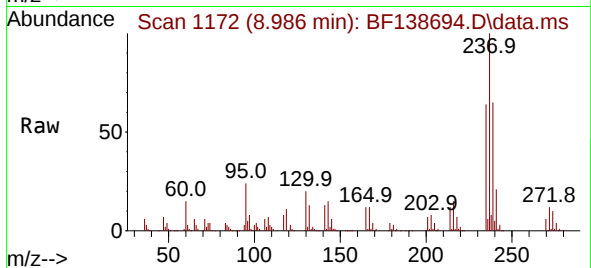
Tgt Ion:216 Resp: 224623
Ion Ratio Lower Upper
216 100
214 79.0 63.9 95.9
179 22.7 17.8 26.6
108 22.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 170.599 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

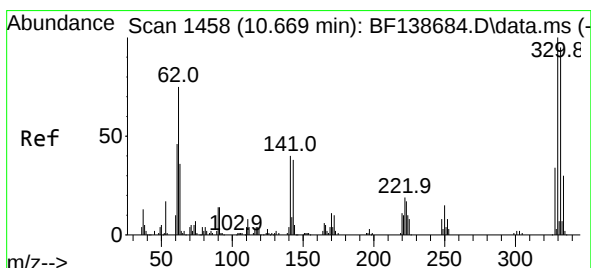
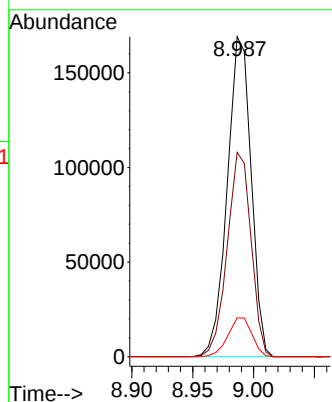
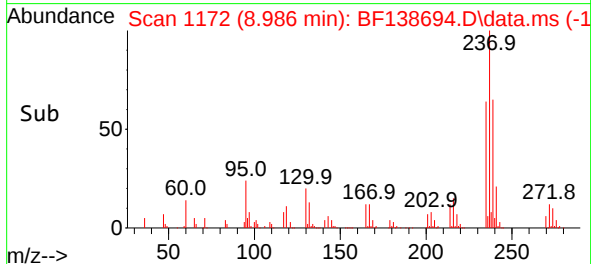
Instrument :
BNA_F
ClientSampleId :
PB162317BS



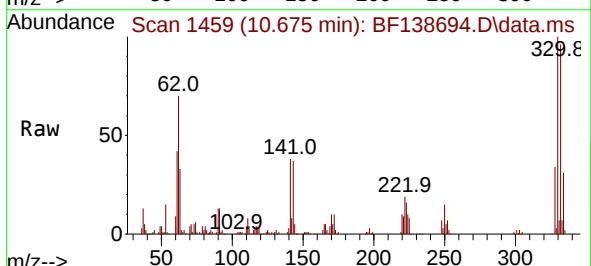
Tgt Ion:237 Resp: 23084
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 12.2 0.0 32.2

Manual Integrations
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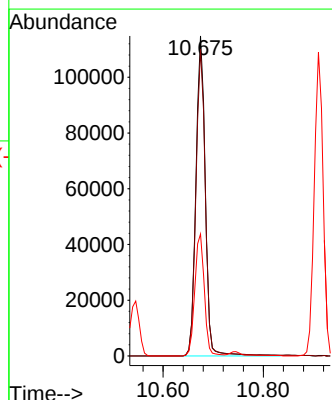
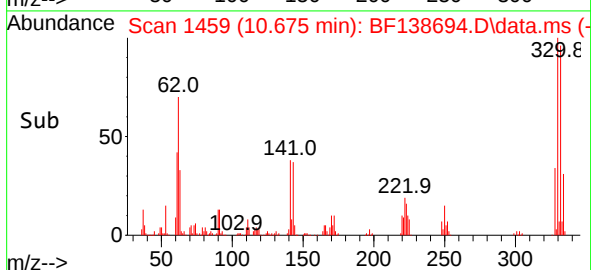
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

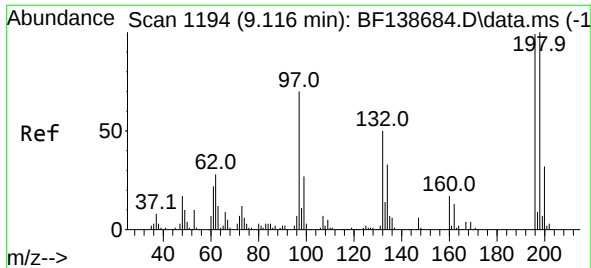


#42
2,4,6-Tribromophenol
Concen: 103.862 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:330 Resp: 149024
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 38.7 31.1 46.7





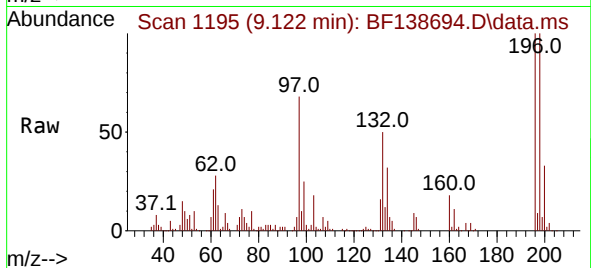
#43
2,4,6-Trichlorophenol
Concen: 48.861 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

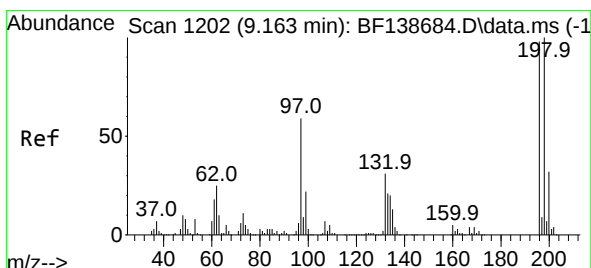
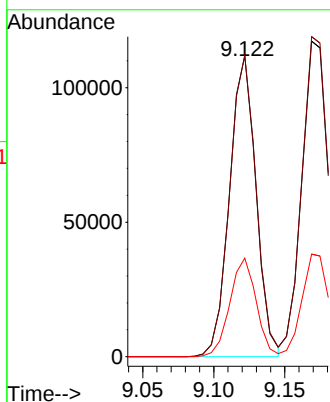
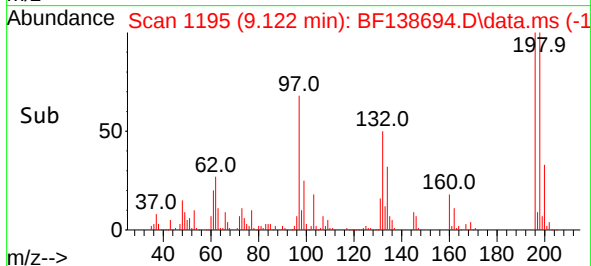


Tgt Ion:196 Resp: 144959
Ion Ratio Lower Upper
196 100
198 100.2 80.5 120.7
200 32.8 25.9 38.9

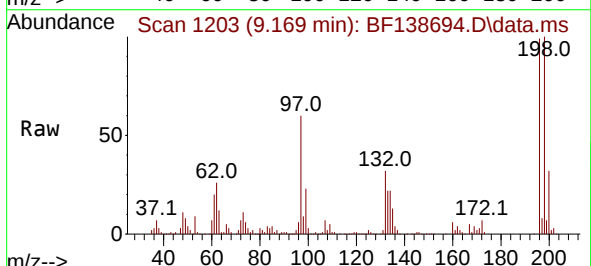
Manual Integrations

APPROVED

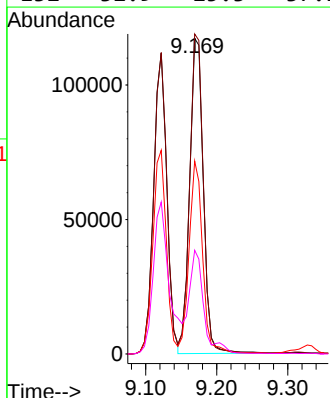
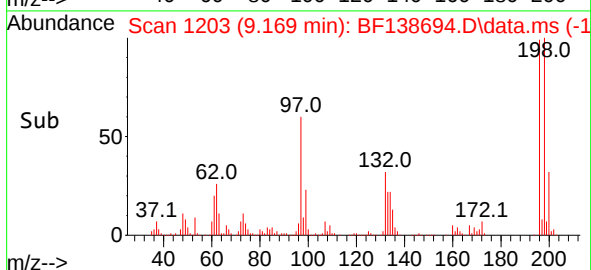
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

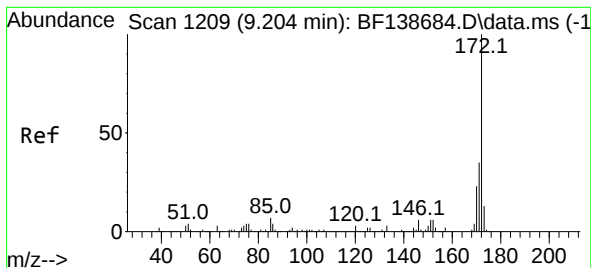


#44
2,4,5-Trichlorophenol
Concen: 48.440 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:196 Resp: 157106
Ion Ratio Lower Upper
196 100
198 101.4 81.2 121.8
97 61.2 47.8 71.6
132 32.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 90.841 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

Tgt Ion:172 Resp: 1059040

Ion Ratio Lower Upper

172 100

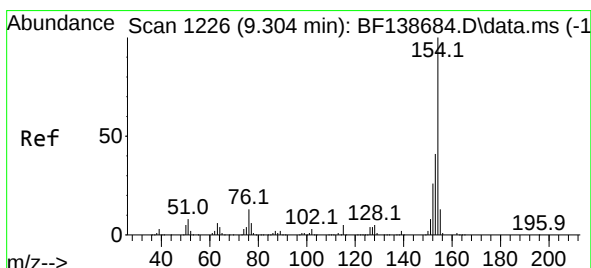
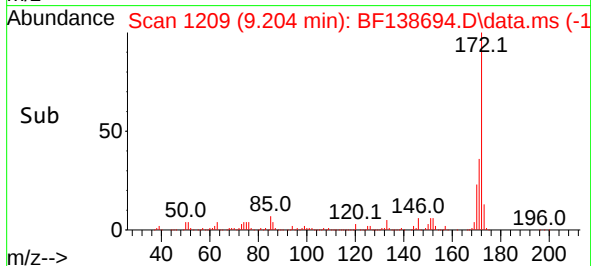
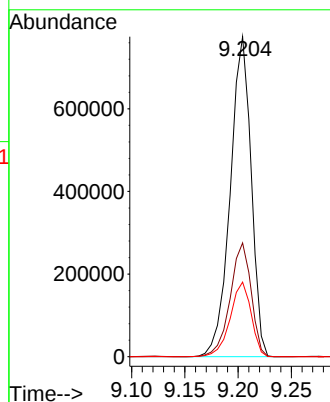
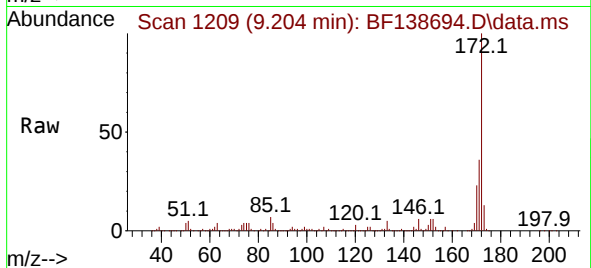
171 35.6 28.3 42.5

170 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#46

1,1'-Biphenyl

Concen: 47.163 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

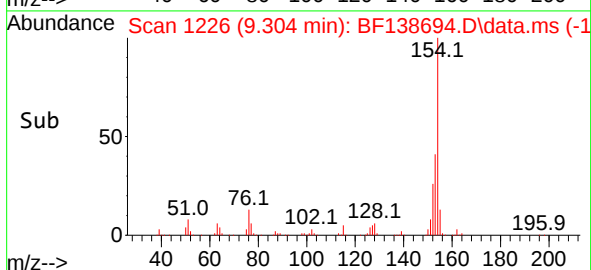
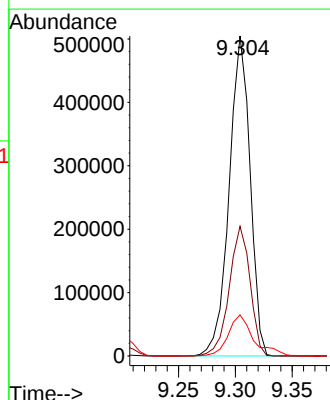
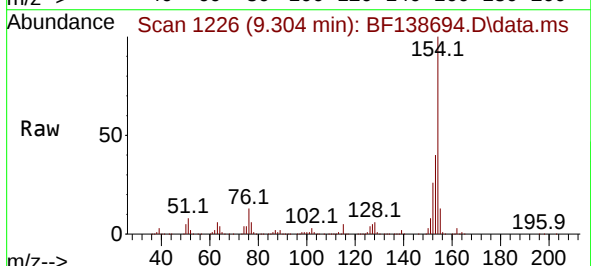
Tgt Ion:154 Resp: 647003

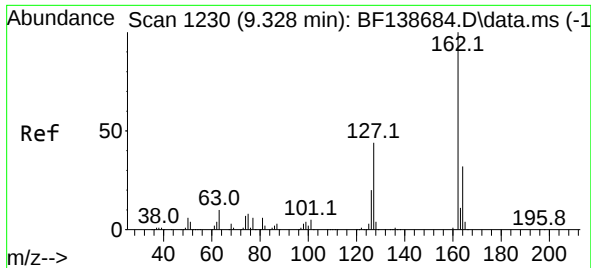
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 46.857 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

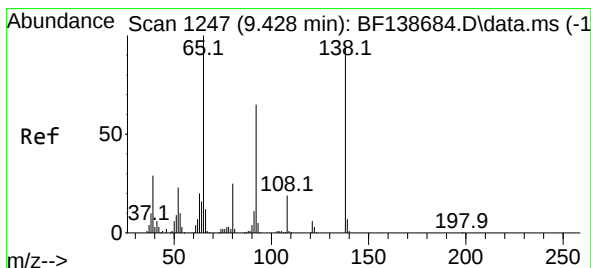
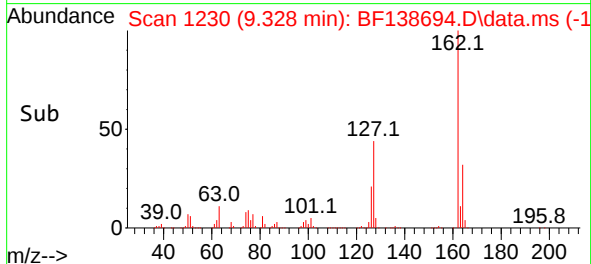
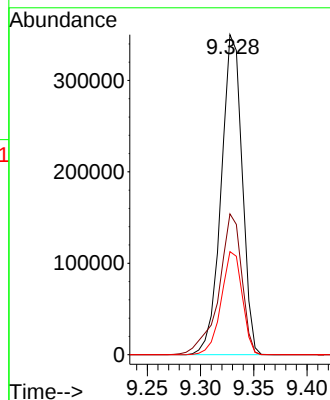
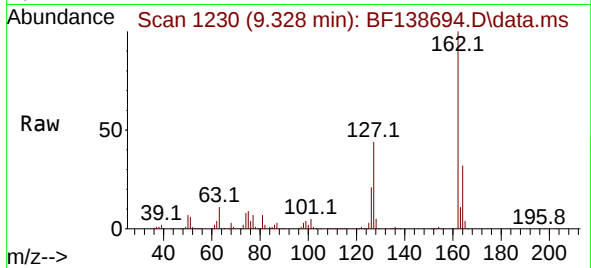
PB162317BS

Tgt Ion:162 Resp: 478080
Ion Ratio Lower Upper
162 100
127 44.0 35.4 53.2
164 32.2 25.6 38.4

Manual Integrations

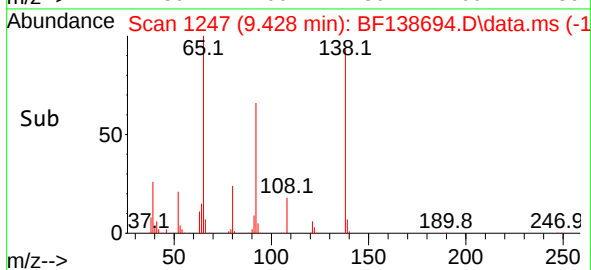
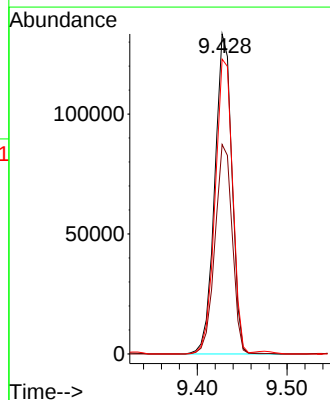
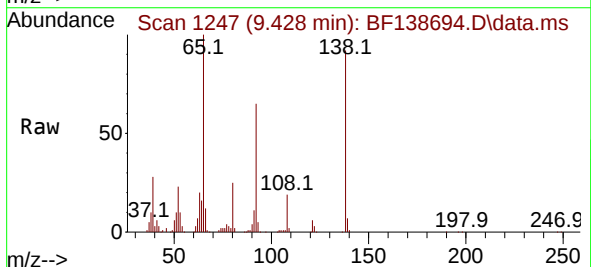
APPROVED

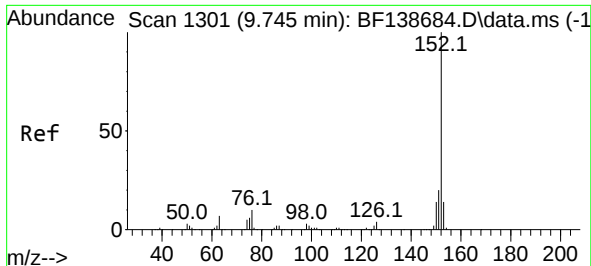
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#48
2-Nitroaniline
Concen: 51.288 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion: 65 Resp: 177401
Ion Ratio Lower Upper
65 100
92 65.4 52.0 78.0
138 92.1 76.2 114.4





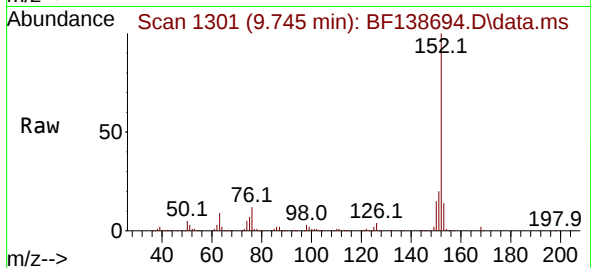
#49
Acenaphthylene
Concen: 50.321 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

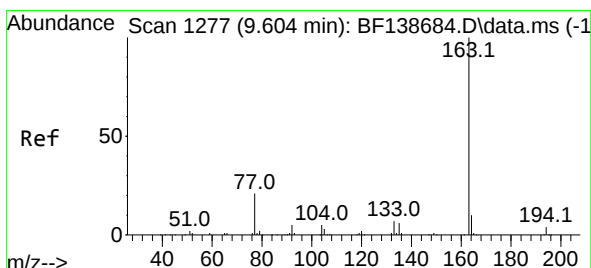
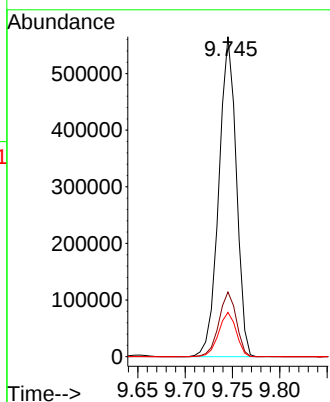
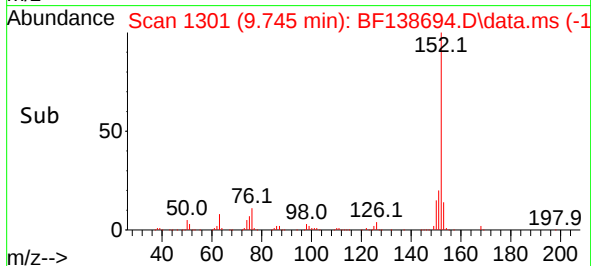


Tgt Ion:152 Resp: 72818
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.8 11.0 16.4

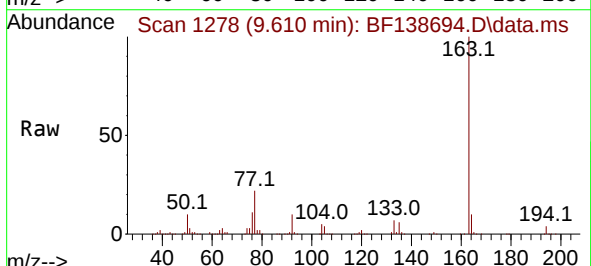
Manual Integrations

APPROVED

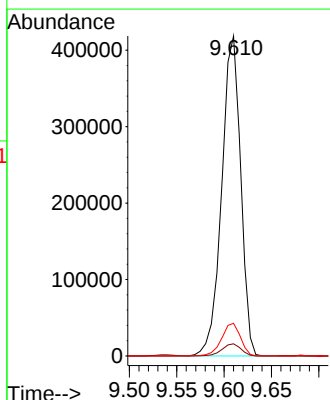
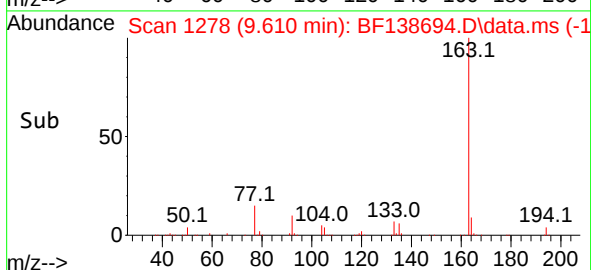
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

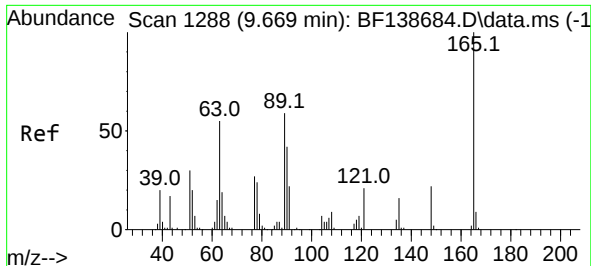


#50
Dimethylphthalate
Concen: 52.104 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:163 Resp: 583575
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 7.8 11.8





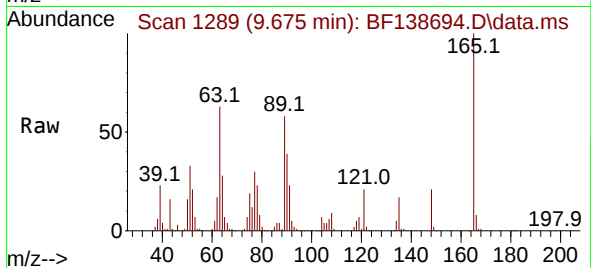
#51
2,6-Dinitrotoluene
Concen: 51.378 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

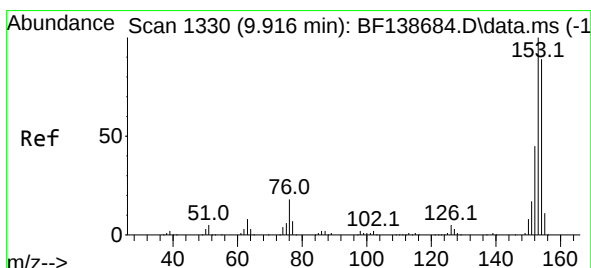
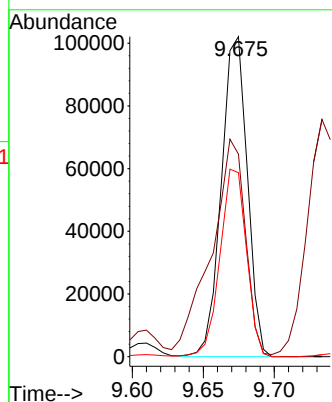
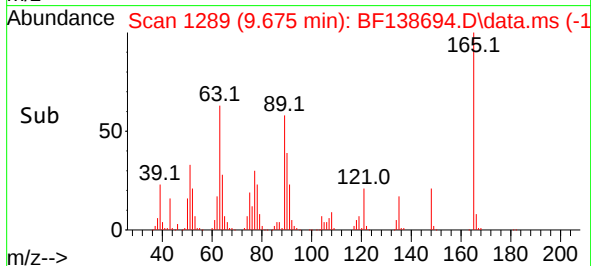


Tgt Ion:165 Resp: 12986
Ion Ratio Lower Upper
165 100
63 63.3 52.0 78.0
89 57.5 47.0 70.6

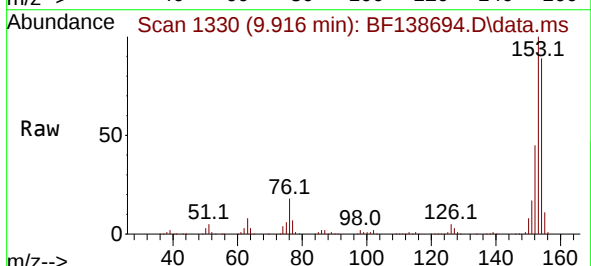
Manual Integrations

APPROVED

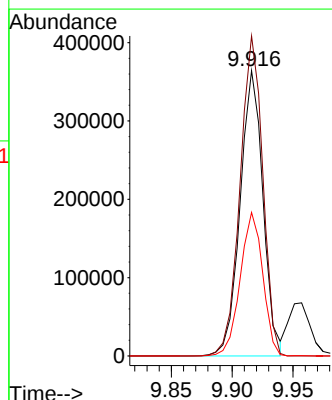
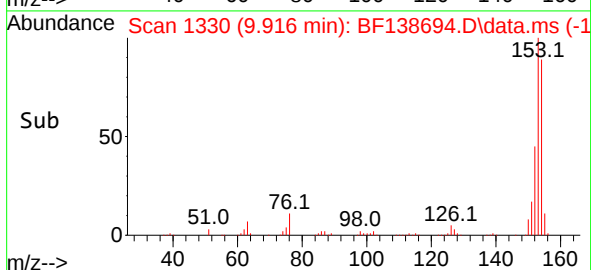
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

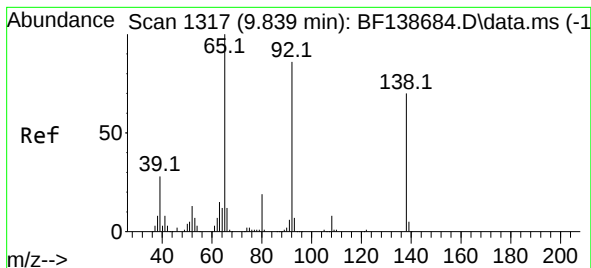


#52
Acenaphthene
Concen: 48.892 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:154 Resp: 475601
Ion Ratio Lower Upper
154 100
153 112.2 89.9 134.9
152 50.3 40.6 60.8





#53
3-Nitroaniline
Concen: 35.467 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

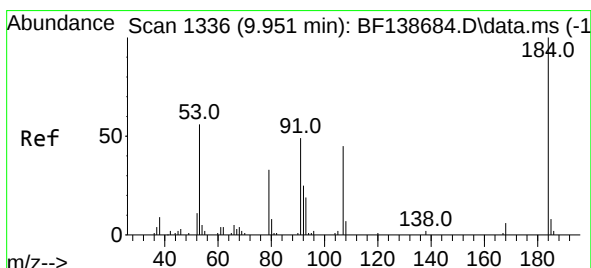
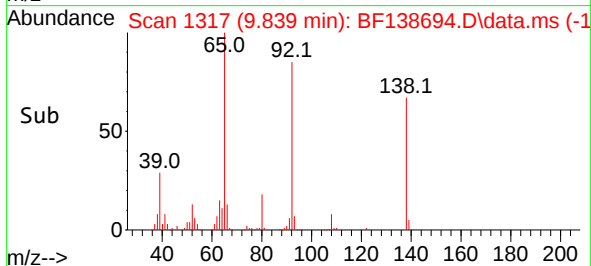
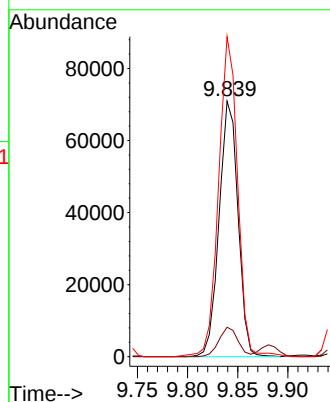
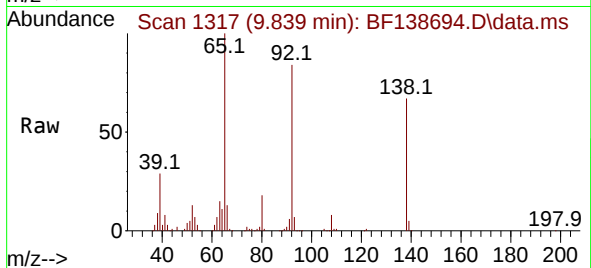
PB162317BS

Tgt Ion:138 Resp: 9267
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 125.2 98.7 148.1

Manual Integrations

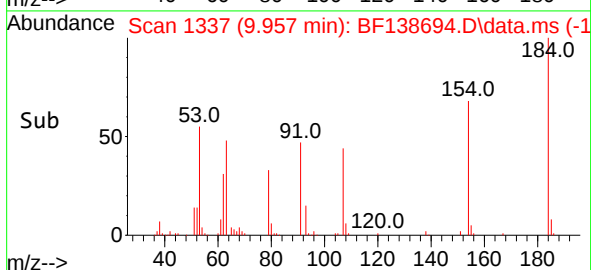
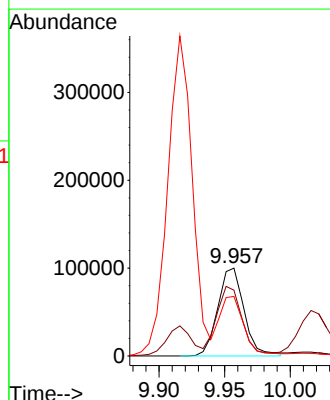
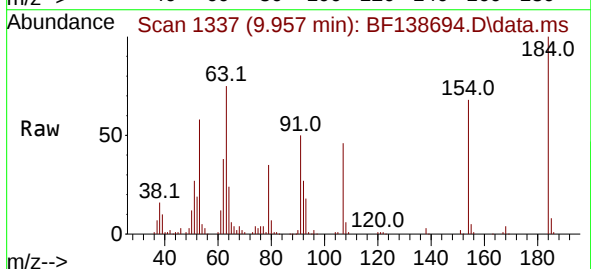
APPROVED

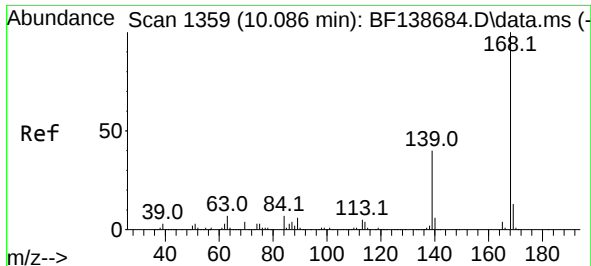
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#54
2,4-Dinitrophenol
Concen: 119.437 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

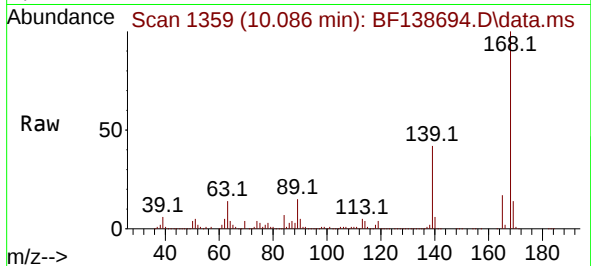
Tgt Ion:184 Resp: 138974
Ion Ratio Lower Upper
184 100
63 74.9 57.5 86.3
154 67.8 51.7 77.5





#55
Dibenzenofuran
Concen: 49.125 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

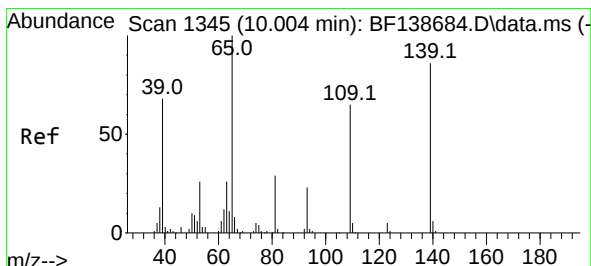
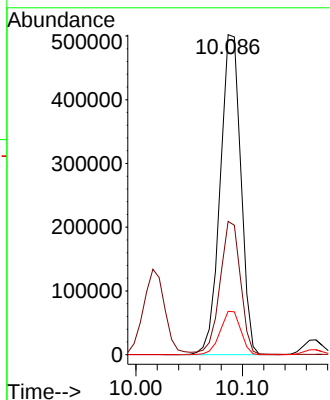
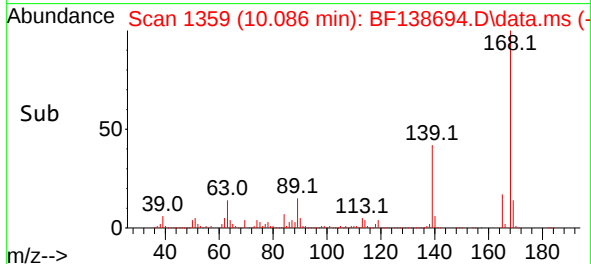
Instrument :
BNA_F
ClientSampleId :
PB162317BS



Tgt Ion:168 Resp: 674550
Ion Ratio Lower Upper
168 100
139 41.7 32.6 49.0
169 13.6 10.7 16.1

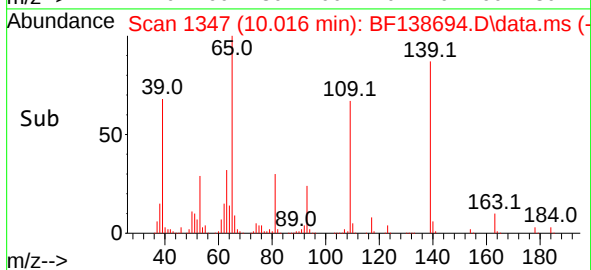
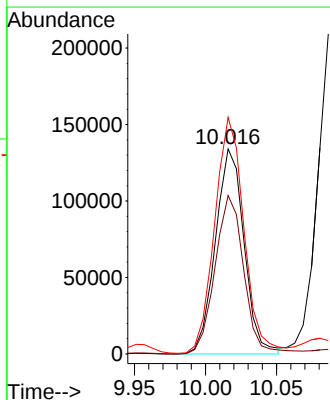
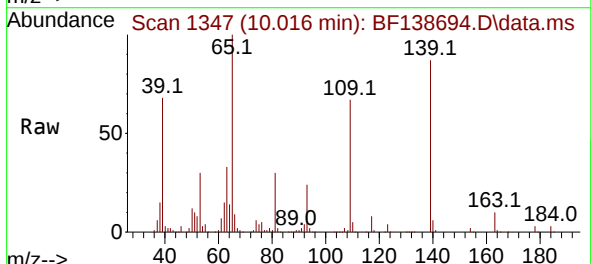
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#56
4-Nitrophenol
Concen: 119.982 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:139 Resp: 188535
Ion Ratio Lower Upper
139 100
109 77.2 55.5 95.5
65 115.3 96.7 136.7





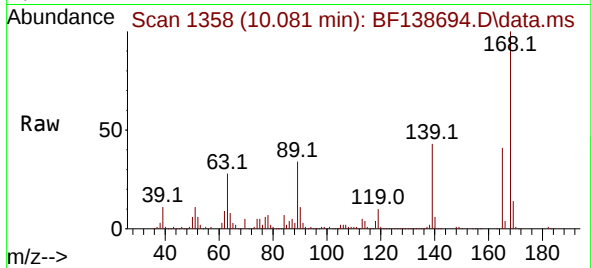
#57
2,4-Dinitrotoluene
Concen: 52.418 ng
RT: 10.081 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

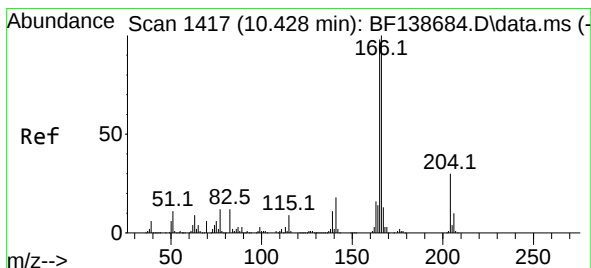
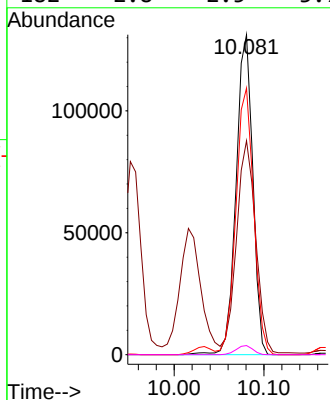
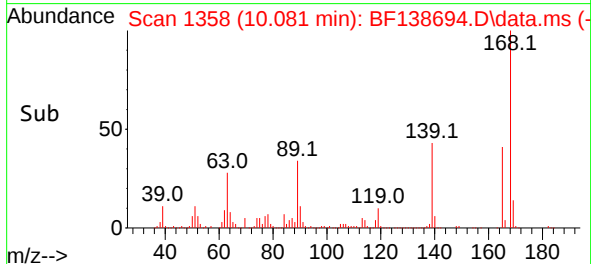


Tgt Ion:165 Resp: 16904
Ion Ratio Lower Upper
165 100
63 66.9 46.3 69.5
89 83.3 64.2 96.4
182 2.8 2.5 3.7

Manual Integrations

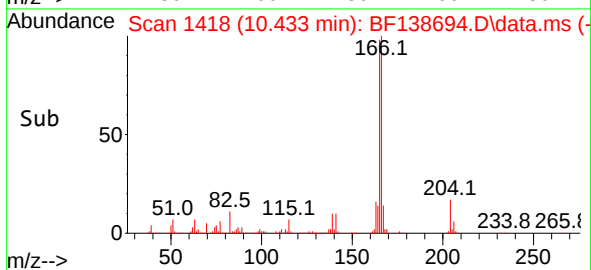
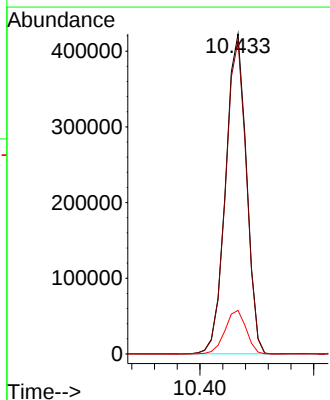
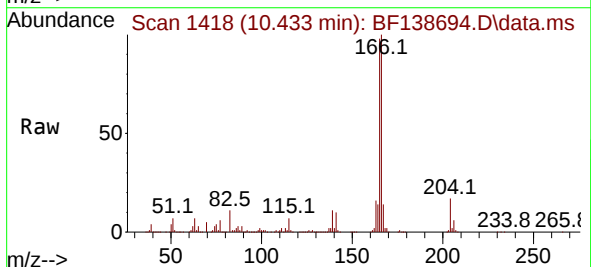
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#58
Fluorene
Concen: 49.212 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:166 Resp: 538123
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.6 10.6 16.0





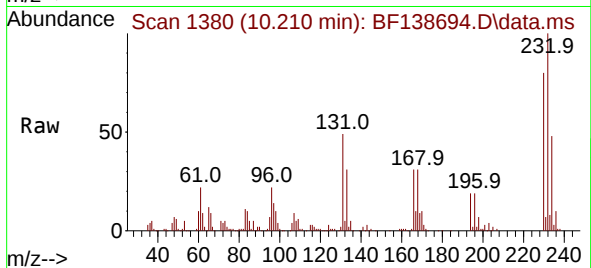
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.788 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

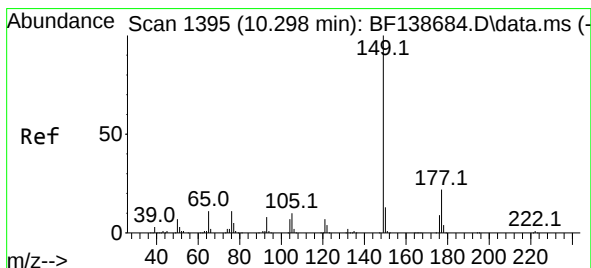
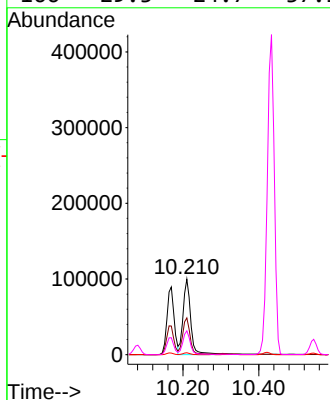
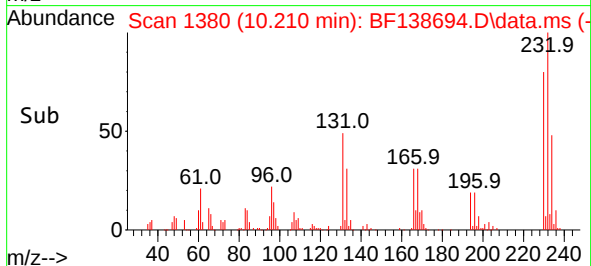


Tgt Ion:232 Resp: 140809
Ion Ratio Lower Upper
232 100
131 46.6 37.0 55.4
130 2.3 2.0 3.0
166 29.3 24.7 37.1

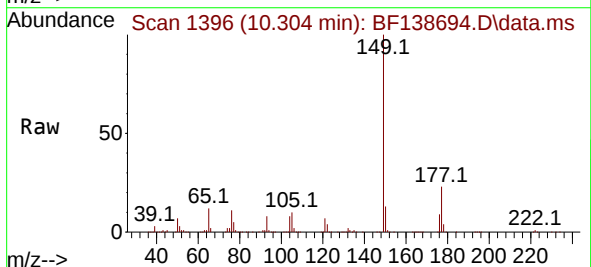
Manual Integrations

APPROVED

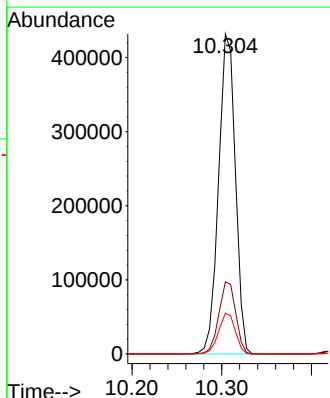
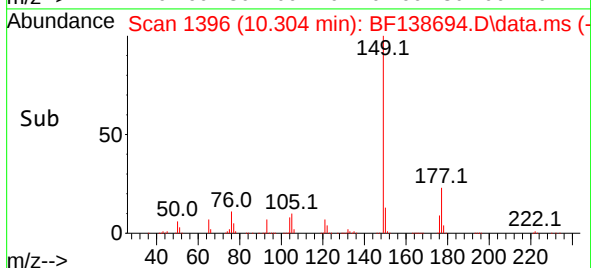
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

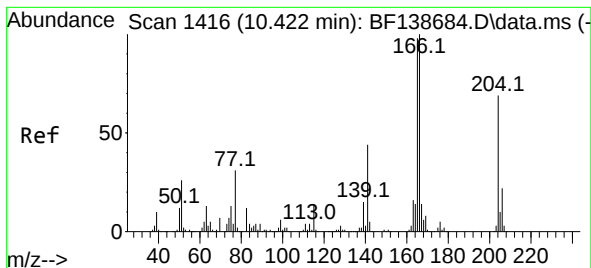


#60
Diethylphthalate
Concen: 52.953 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



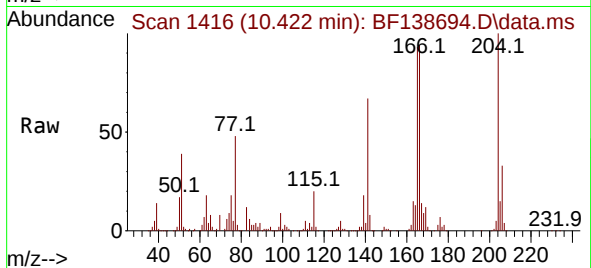
Tgt Ion:149 Resp: 562343
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.674 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

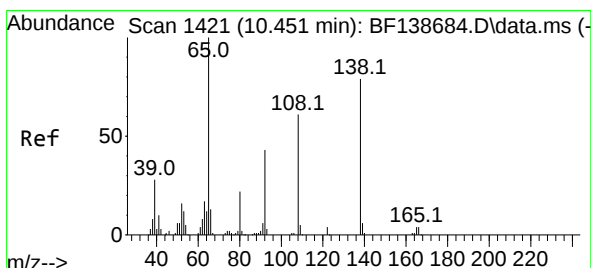
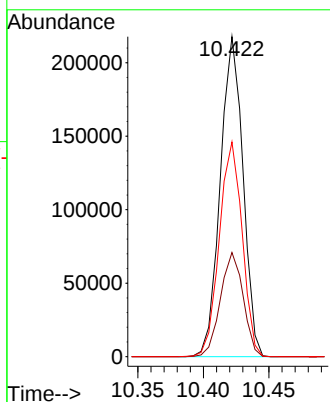
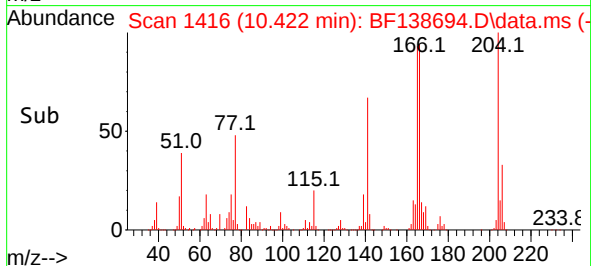
Instrument :
BNA_F
ClientSampleId :
PB162317BS



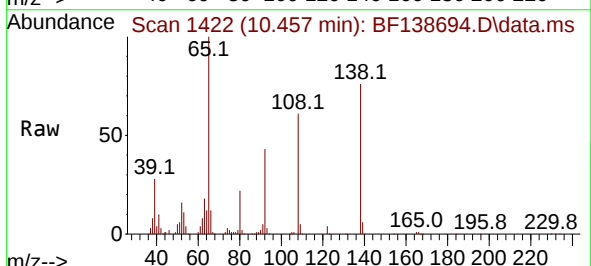
Tgt Ion:204 Resp: 26176
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 67.1 51.4 77.0

Manual Integrations
APPROVED

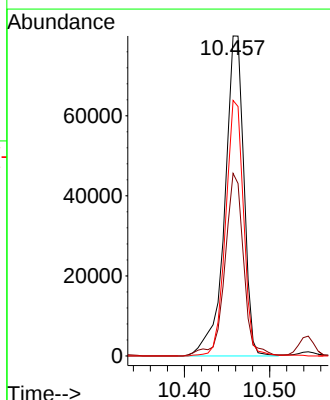
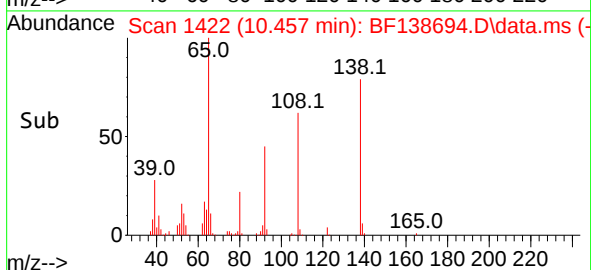
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

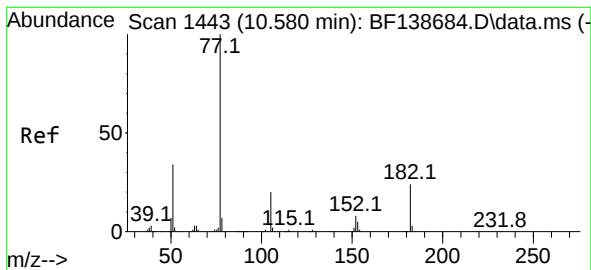


#62
4-Nitroaniline
Concen: 50.291 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



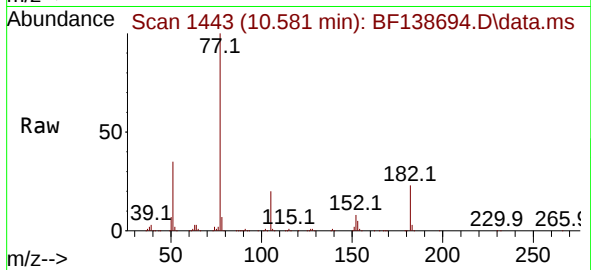
Tgt Ion:138 Resp: 124884
Ion Ratio Lower Upper
138 100
92 57.0 34.2 74.2
108 79.9 56.2 96.2





#63
Azobenzene
Concen: 50.699 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

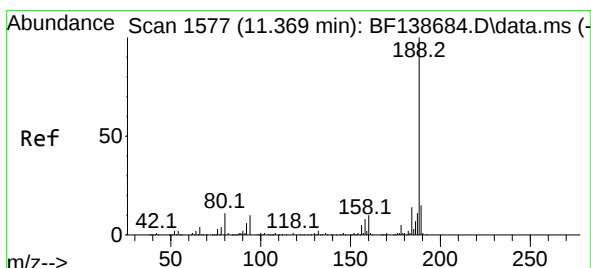
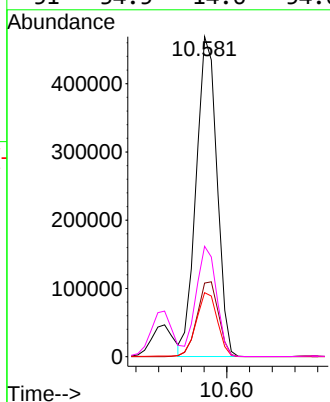
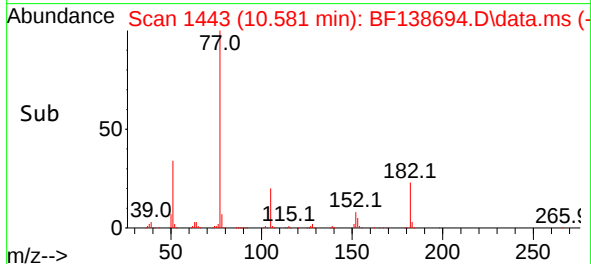
Instrument :
BNA_F
ClientSampleId :
PB162317BS



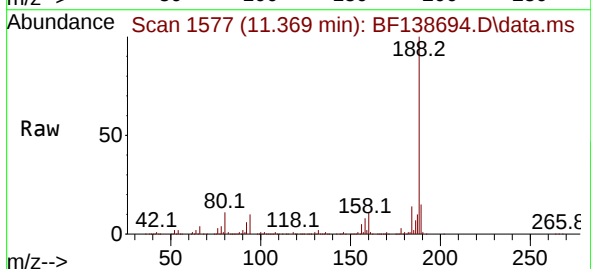
Tgt Ion: 77 Resp: 597149
Ion Ratio Lower Upper
77 100
182 23.0 3.4 43.4
105 20.0 0.2 40.2
51 34.5 14.6 54.6

Manual Integrations
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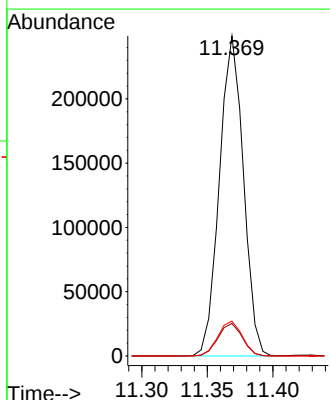
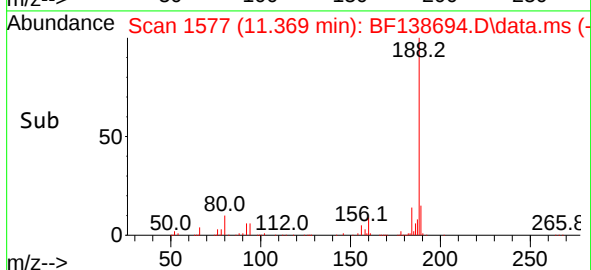
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

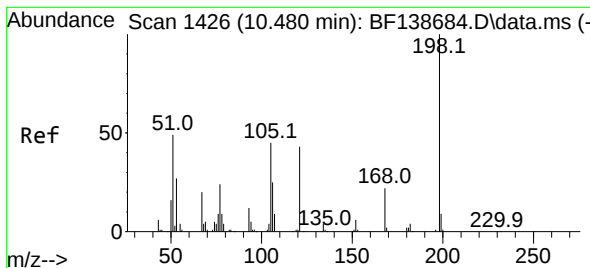


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:188 Resp: 316320
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.9 8.6 12.8





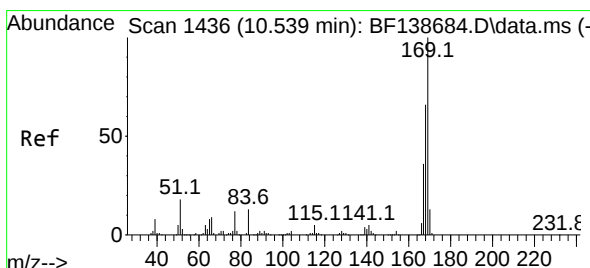
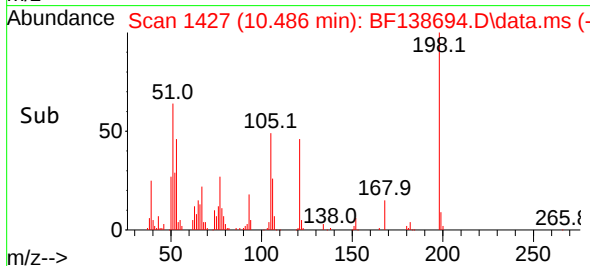
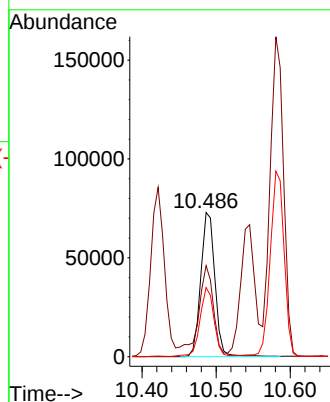
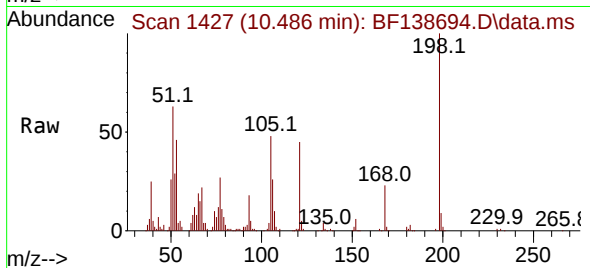
#65
4,6-Dinitro-2-methylphenol
Concen: 50.192 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :
BNA_F
ClientSampleId :
PB162317BS

Tgt Ion:198 Resp: 9686
Ion Ratio Lower Upper
198 100
51 63.2 39.9 79.9
105 48.0 26.1 66.1

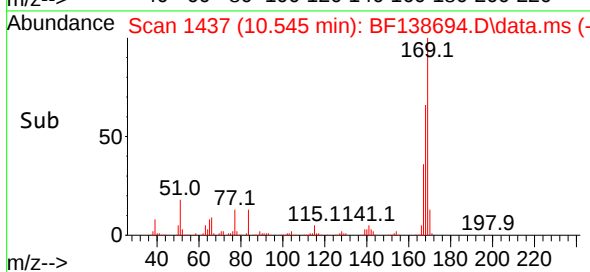
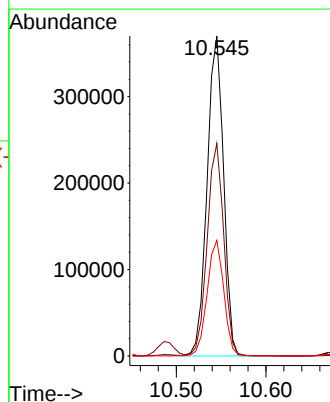
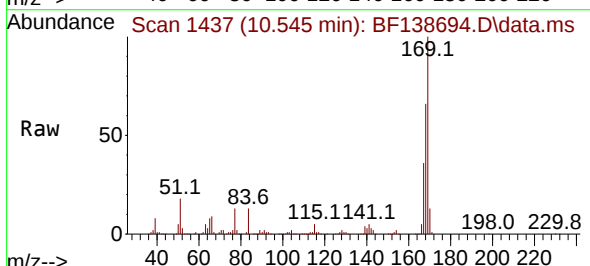
Manual Integrations
APPROVED

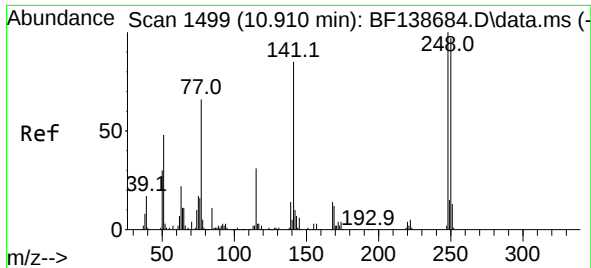
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#66
n-Nitrosodiphenylamine
Concen: 47.666 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

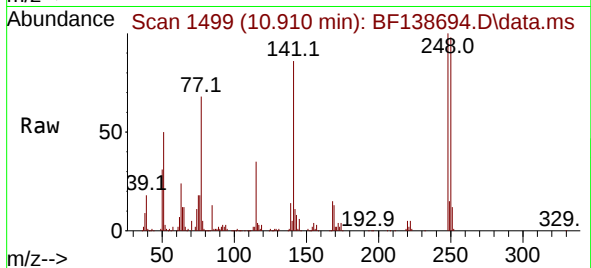
Tgt Ion:169 Resp: 471293
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.554 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

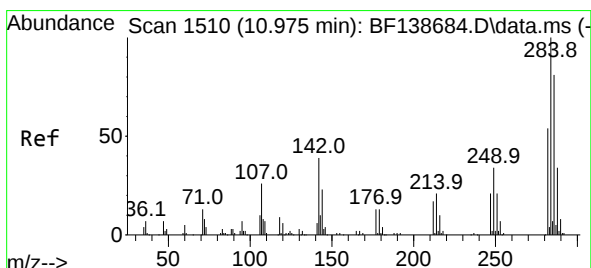
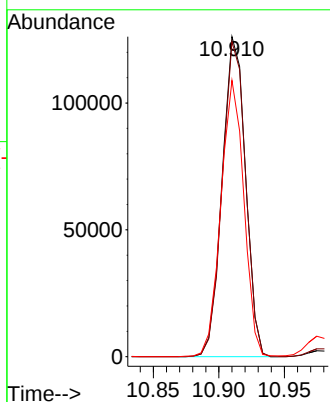
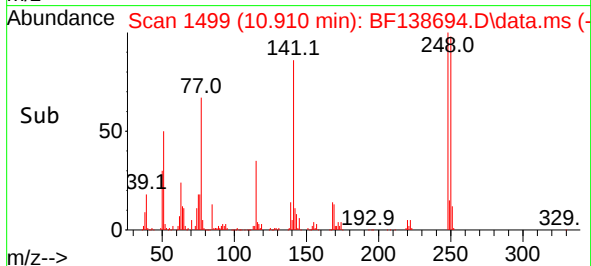
Instrument :
BNA_F
ClientSampleId :
PB162317BS



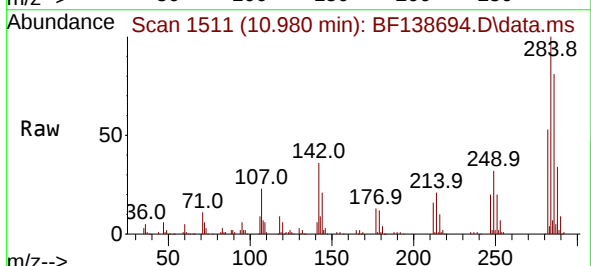
Tgt Ion:248 Resp: 15601
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 86.3 68.0 102.0

Manual Integrations
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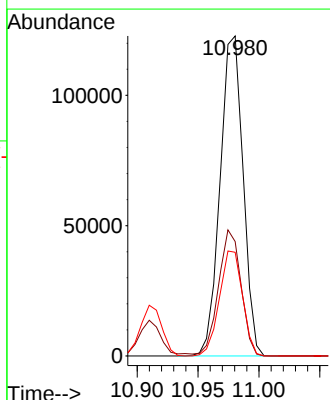
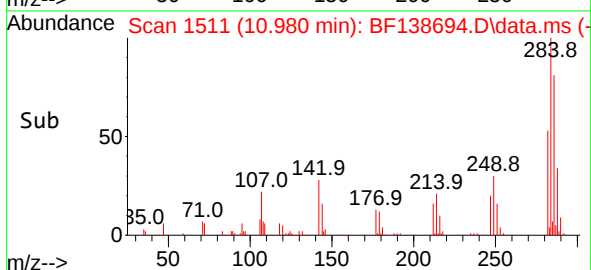
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

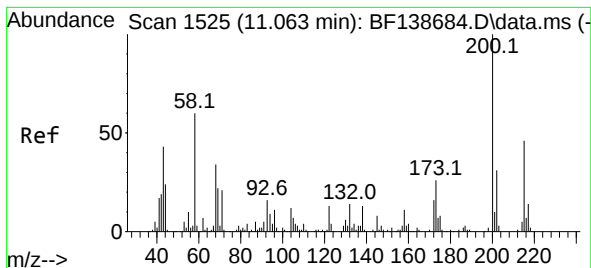


#68
Hexachlorobenzene
Concen: 45.609 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:284 Resp: 161278
Ion Ratio Lower Upper
284 100
142 35.7 31.3 46.9
249 32.4 27.2 40.8





#69

Atrazine

Concen: 60.118 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

Tgt Ion:200 Resp: 15335

Ion Ratio Lower Upper

200 100

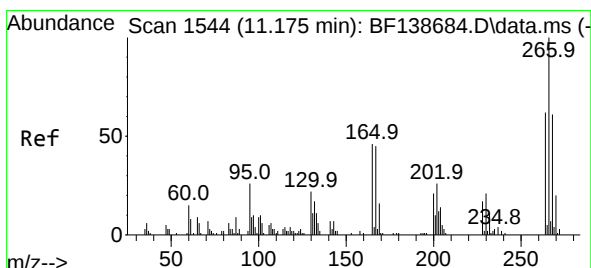
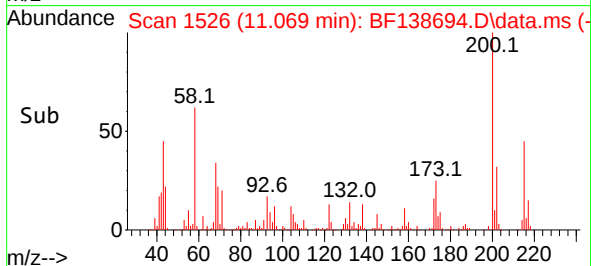
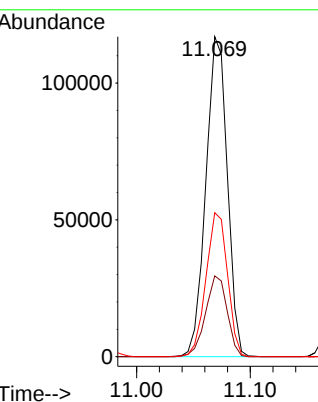
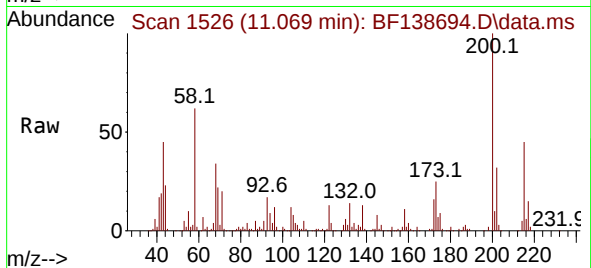
173 25.3 6.0 46.0

215 45.0 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#70

Pentachlorophenol

Concen: 97.499 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

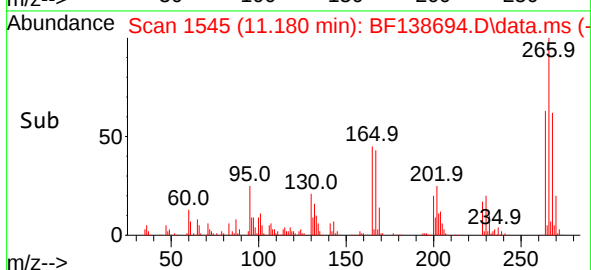
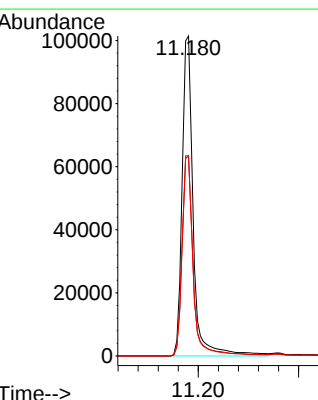
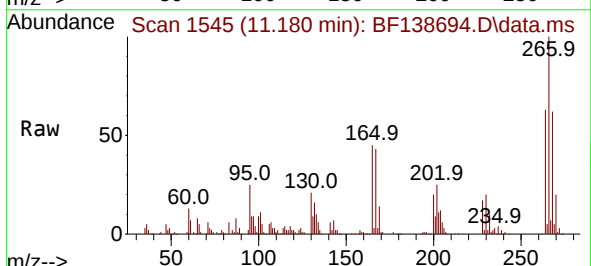
Tgt Ion:266 Resp: 155400

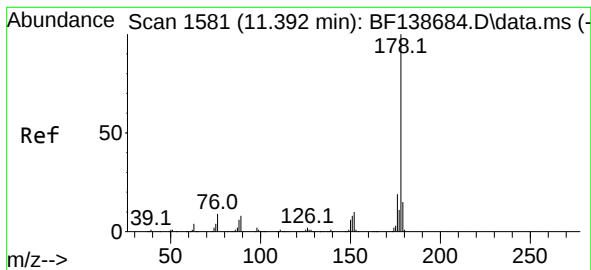
Ion Ratio Lower Upper

266 100

268 62.4 49.2 73.8

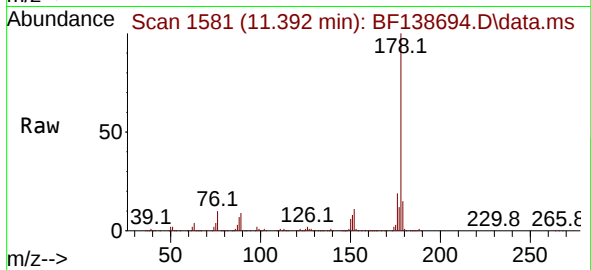
264 62.6 49.8 74.6





#71
Phenanthrene
Concen: 48.669 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

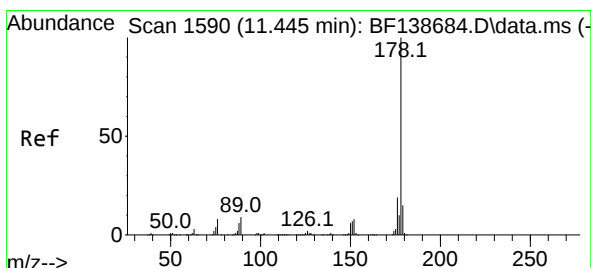
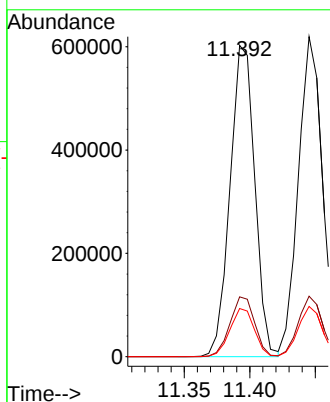
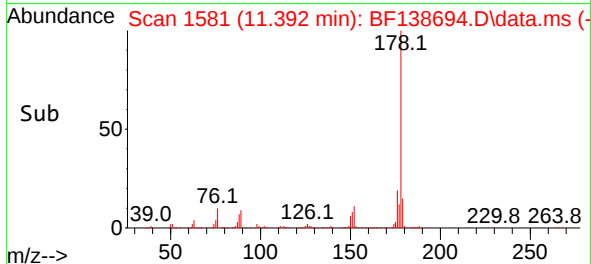
Instrument :
BNA_F
ClientSampleId :
PB162317BS



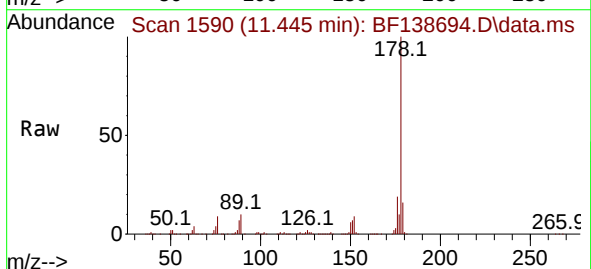
Tgt Ion:178 Resp: 792719
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.2

Manual Integrations
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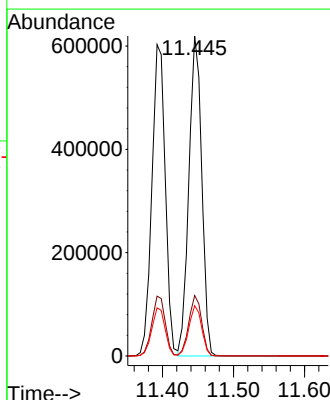
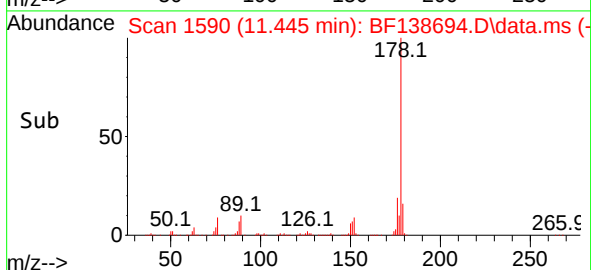
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

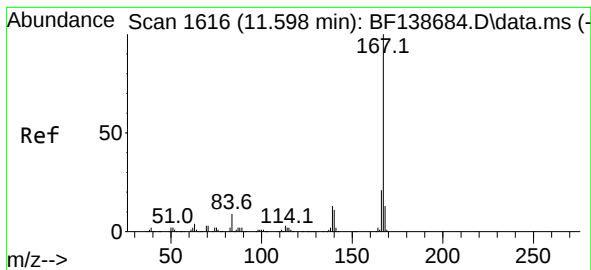


#72
Anthracene
Concen: 48.675 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:178 Resp: 781032
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.7 12.4 18.6





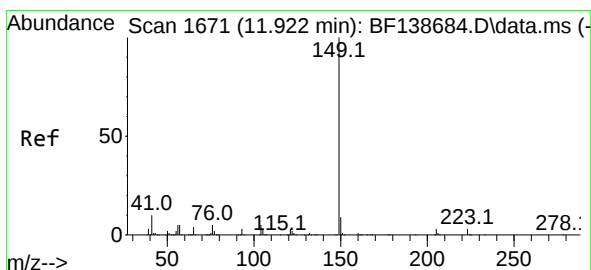
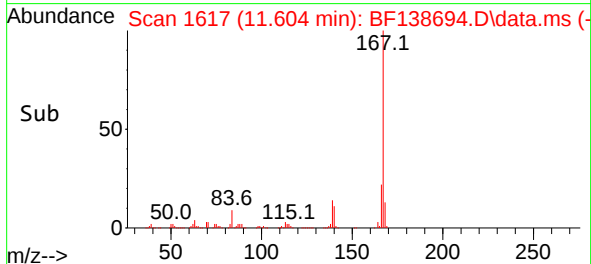
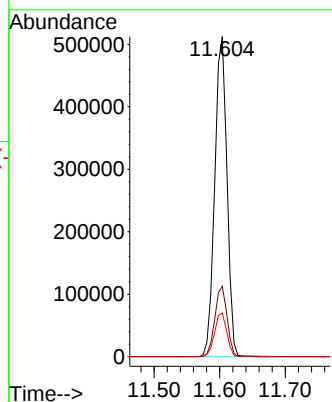
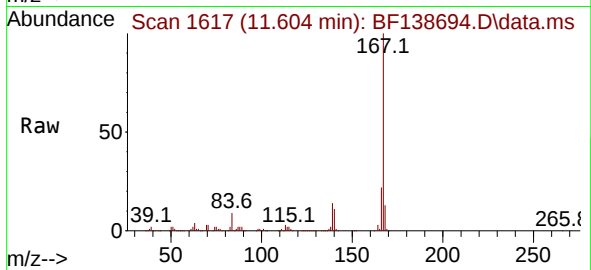
#73
Carbazole
Concen: 47.925 ng
RT: 11.604 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :
BNA_F
ClientSampleId :
PB162317BS

Tgt Ion:167 Resp: 663458
Ion Ratio Lower Upper
167 100
166 22.0 17.2 25.8
139 13.7 10.6 16.0

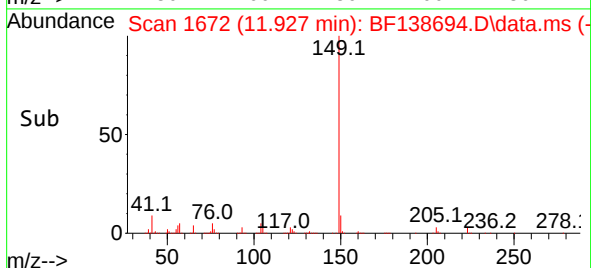
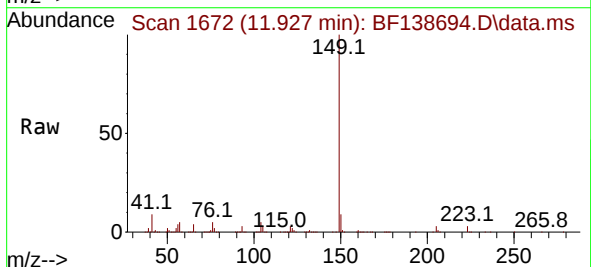
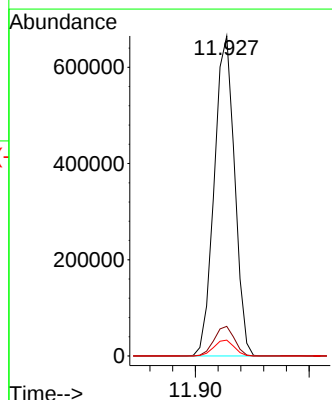
Manual Integrations
APPROVED

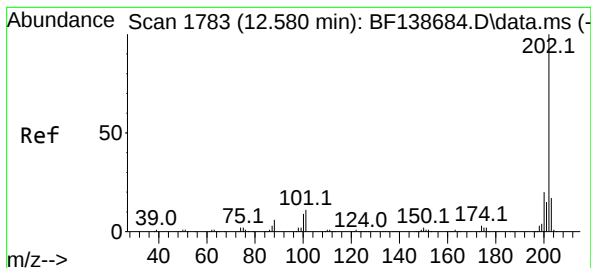
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#74
Di-n-butylphthalate
Concen: 53.165 ng
RT: 11.927 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:149 Resp: 827372
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 47.706 ng

RT: 12.580 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

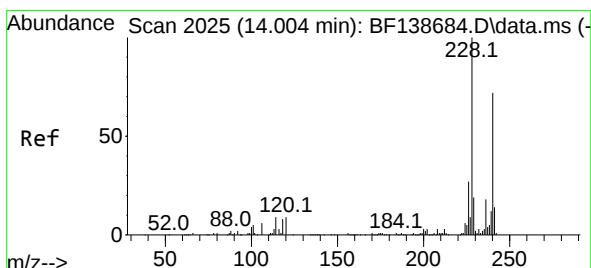
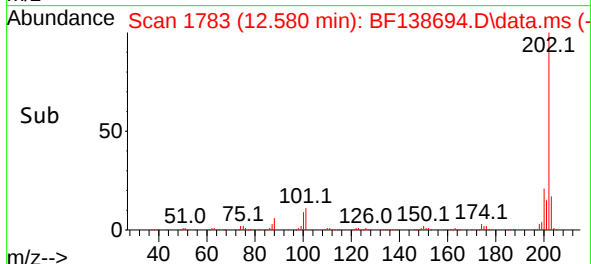
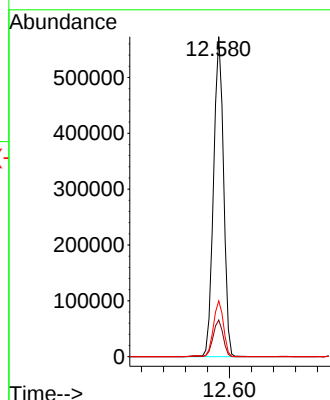
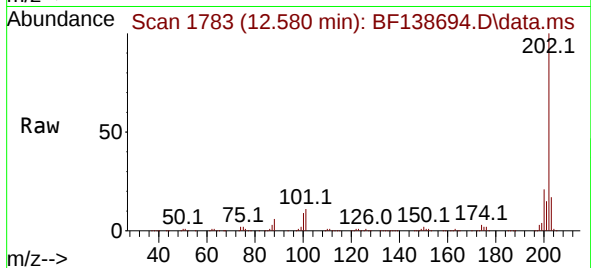
PB162317BS

Tgt Ion:	202	Resp:	72540
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.2
203	17.4	0.0	37.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#76

Chrysene-d12

Concen: 20.000 ng

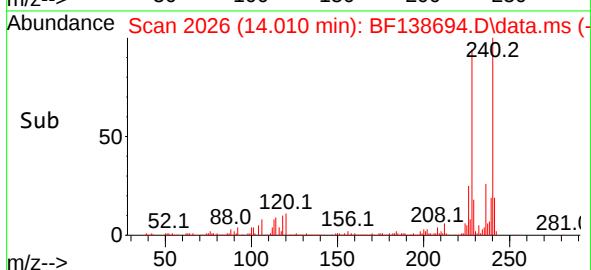
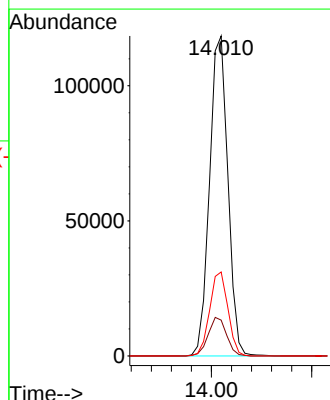
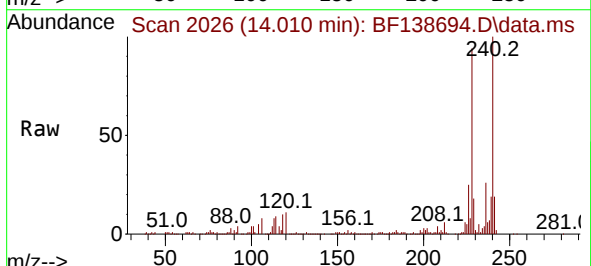
RT: 14.010 min Scan# 2026

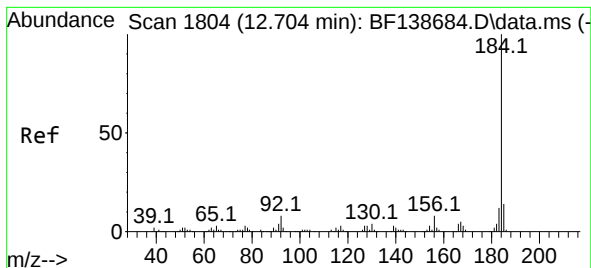
Delta R.T. 0.006 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Tgt Ion:	240	Resp:	150487
Ion Ratio	Lower	Upper	
240	100		
120	11.2	10.2	15.4
236	26.2	19.8	29.8





#77

Benzidine

Concen: 28.313 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

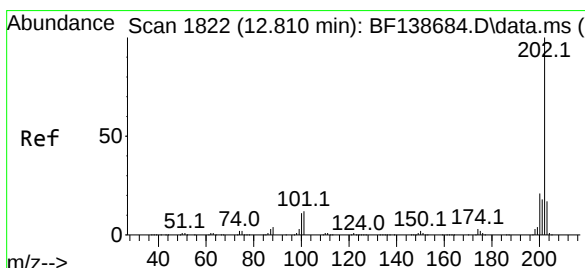
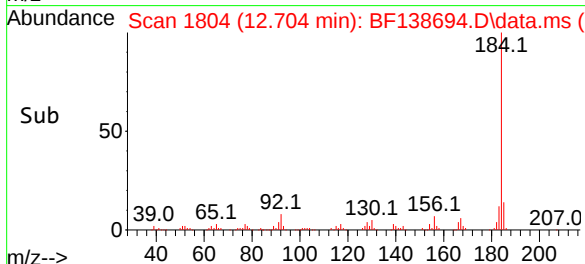
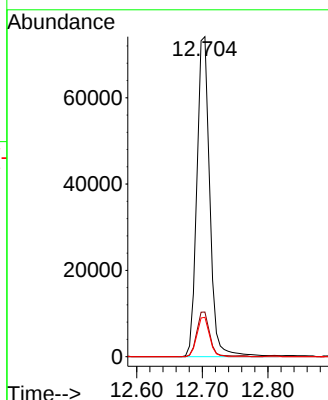
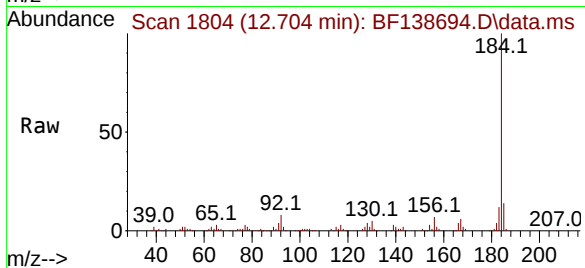
PB162317BS

Tgt Ion:184	Resp: 101908
Ion Ratio	Lower Upper
184	100
185	13.9 11.1 16.7
183	12.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#78

Pyrene

Concen: 50.478 ng

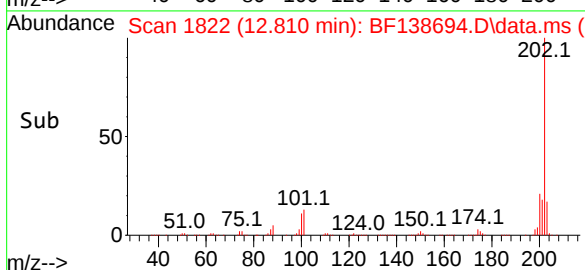
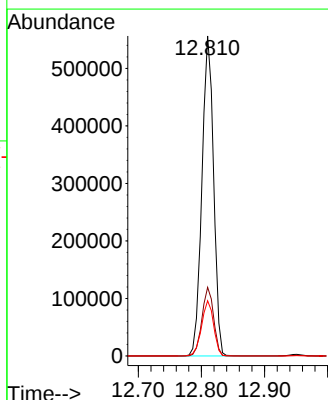
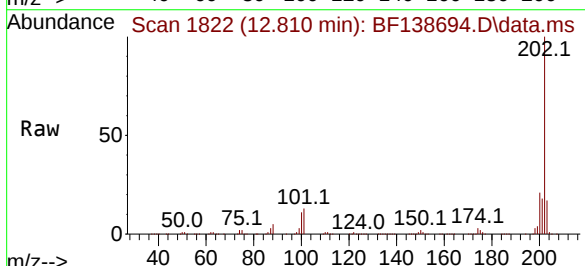
RT: 12.810 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Tgt Ion:202	Resp: 715216
Ion Ratio	Lower Upper
202	100
200	21.4 16.8 25.2
203	17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 114.148 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

Tgt Ion:244 Resp: 102598

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

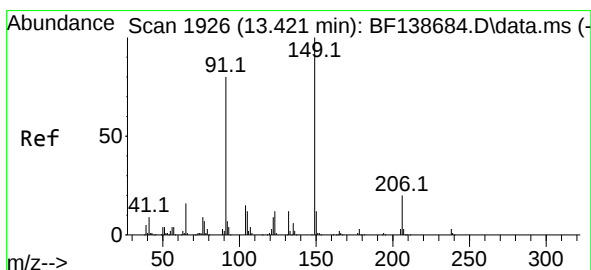
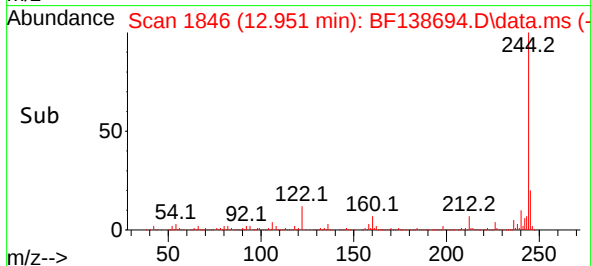
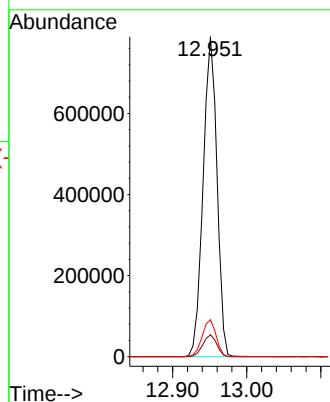
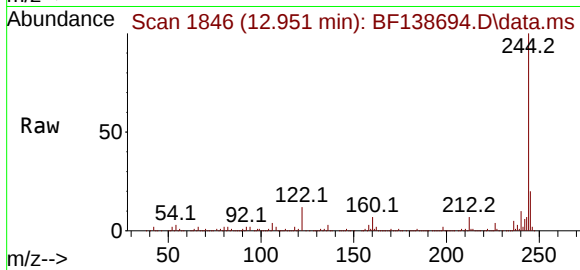
122 11.6 9.6 14.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024

Supervised By :mohammad ahmed 08/03/2024



#80

Butylbenzylphthalate

Concen: 52.057 ng

RT: 13.422 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

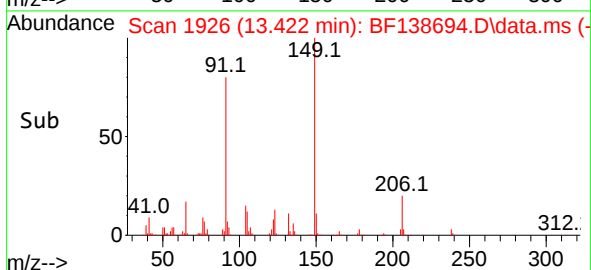
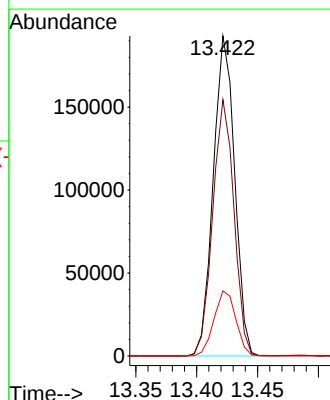
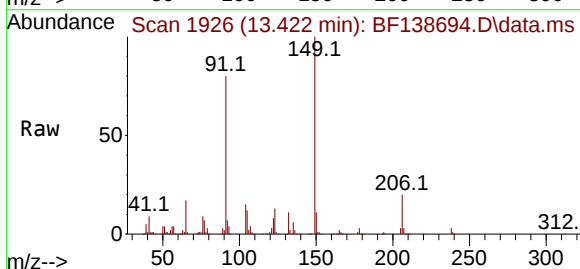
Tgt Ion:149 Resp: 236194

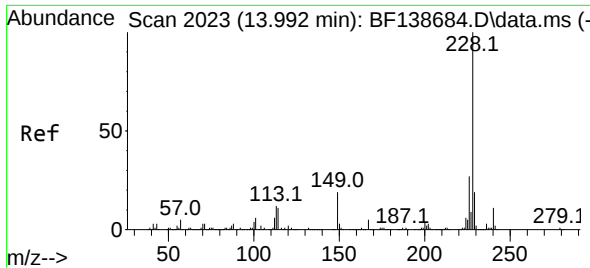
Ion Ratio Lower Upper

149 100

91 80.1 63.7 95.5

206 20.4 16.2 24.2





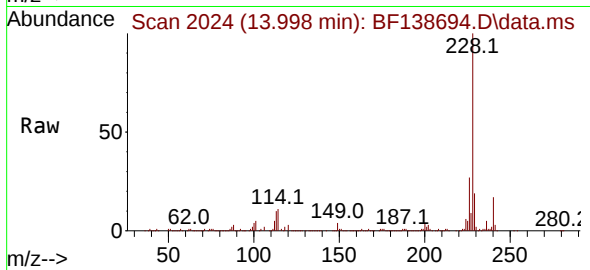
#81
Benzo(a)anthracene
Concen: 49.014 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB162317BS

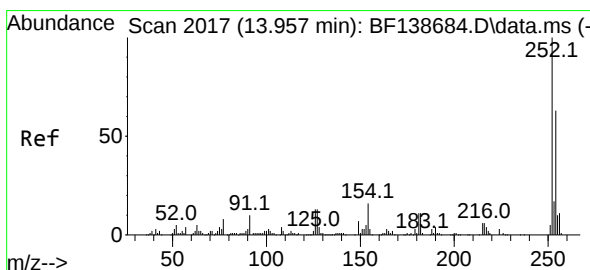
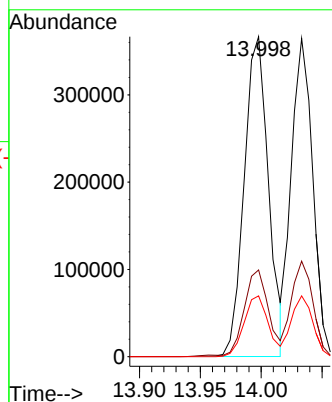
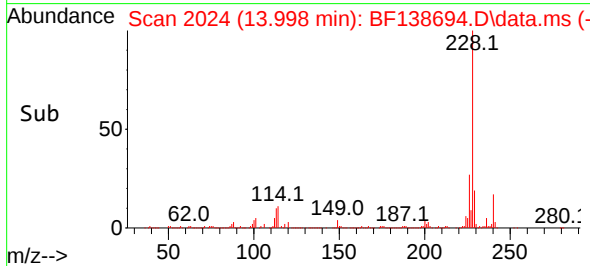


Tgt Ion:228 Resp: 507928
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.0 15.4 23.0

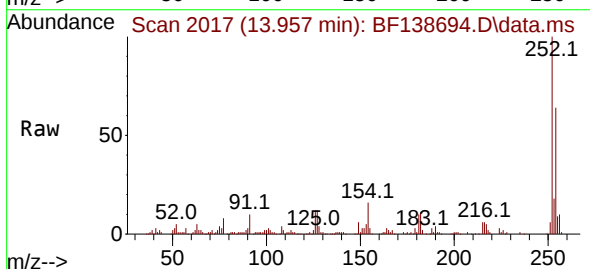
Manual Integrations

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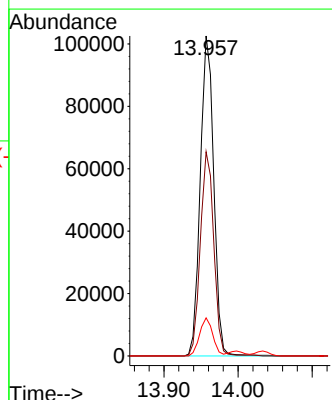
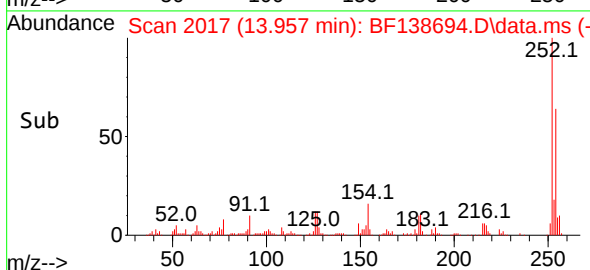
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

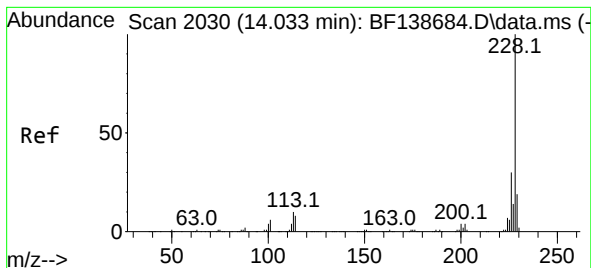


#82
3,3'-Dichlorobenzidine
Concen: 48.751 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:252 Resp: 129282
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 11.9 10.2 15.2





#83

Chrysene

Concen: 47.686 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

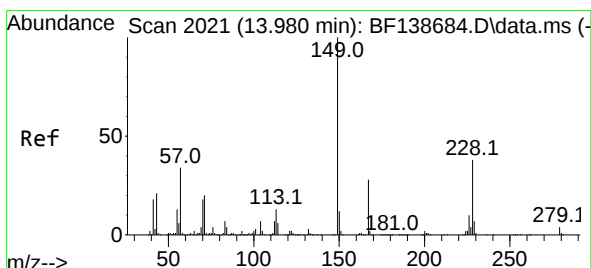
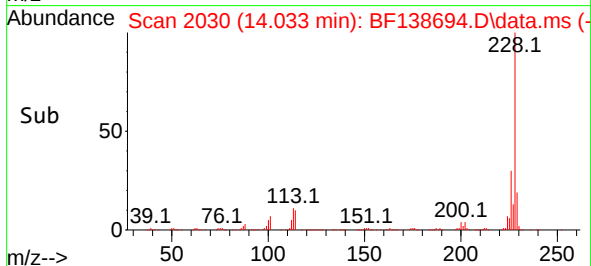
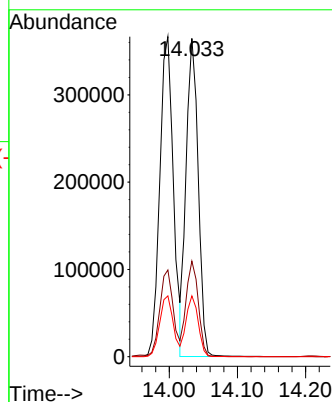
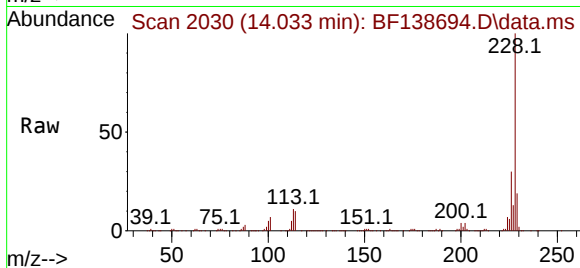
PB162317BS

Tgt Ion:228 Resp: 44583
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.7 35.5
 229 19.1 15.0 22.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.784 ng

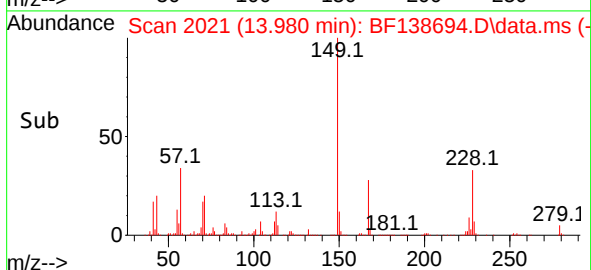
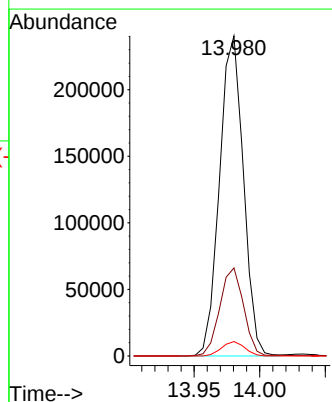
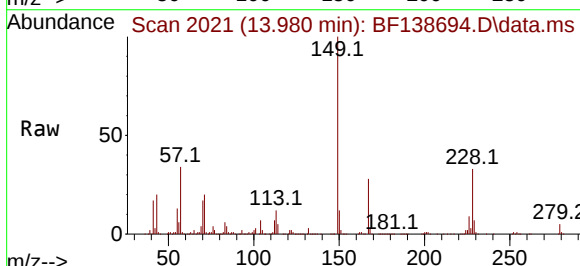
RT: 13.980 min Scan# 2021

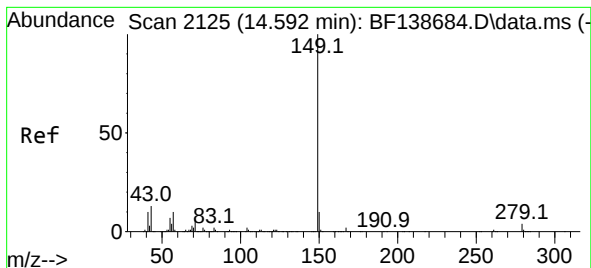
Delta R.T. 0.000 min

Lab File: BF138694.D

Acq: 31 Jul 2024 10:31

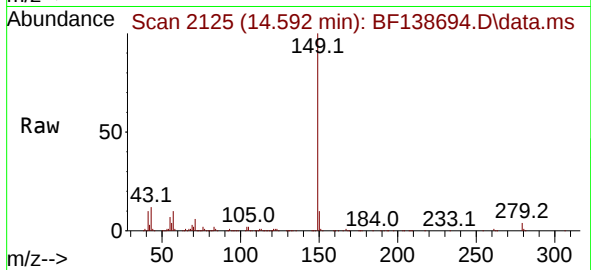
Tgt Ion:149 Resp: 304194
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.4
 279 4.5 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 44.356 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

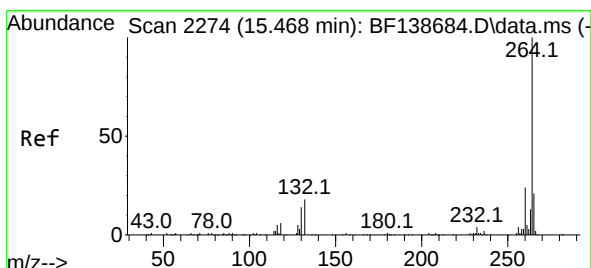
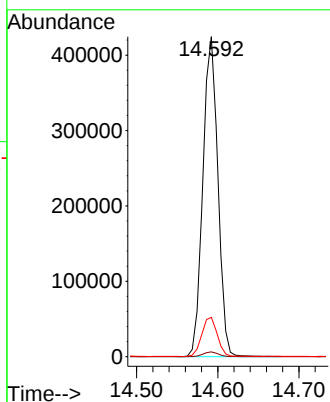
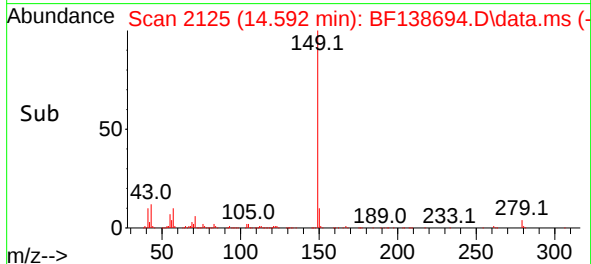
Instrument :
BNA_F
ClientSampleId :
PB162317BS



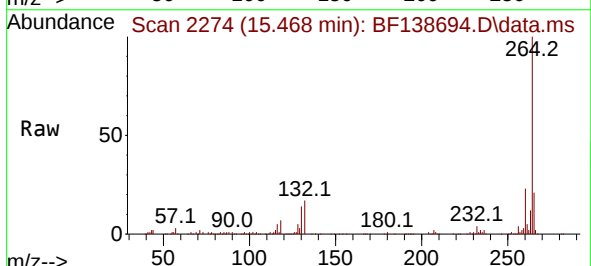
Tgt Ion:149 Resp: 54525
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 12.6 10.4 15.6

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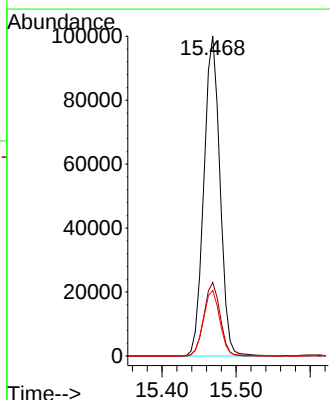
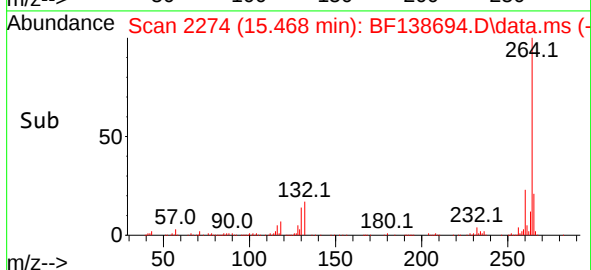
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



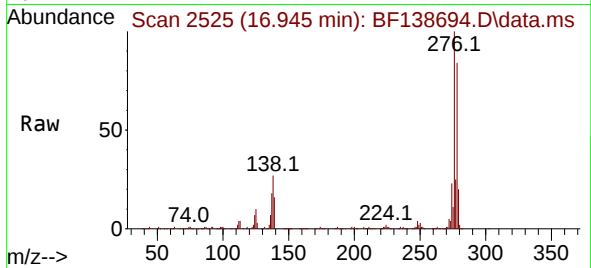
Tgt Ion:264 Resp: 150788
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.5 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.028 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

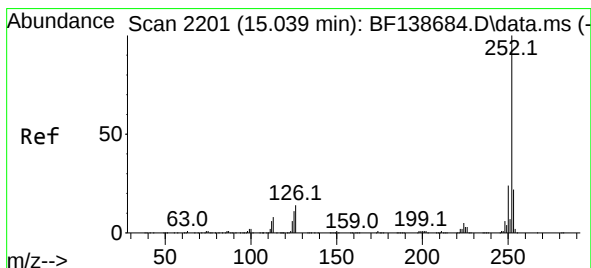
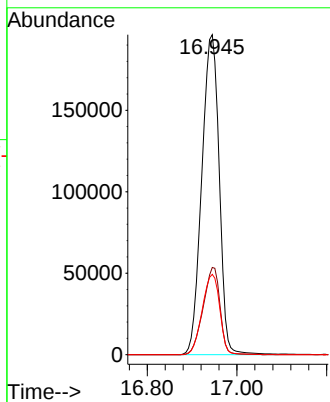
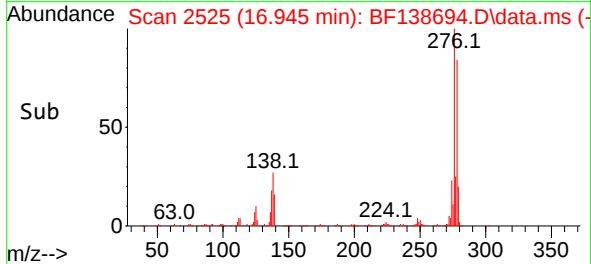
Instrument :
BNA_F
ClientSampleId :
PB162317BS



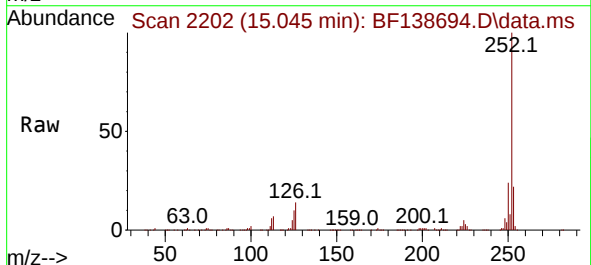
Tgt Ion:276 Resp: 529792
Ion Ratio Lower Upper
276 100
138 26.4 21.8 32.8
277 25.2 20.6 30.8

Manual Integrations
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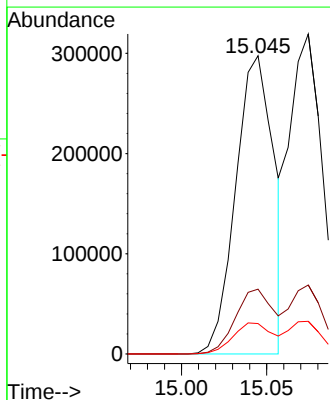
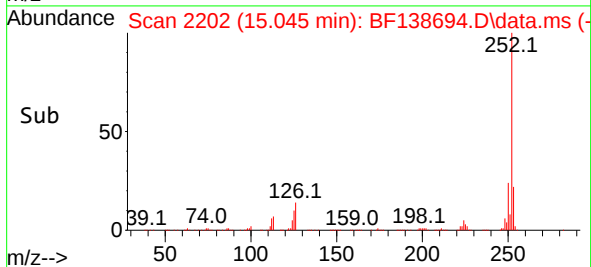
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

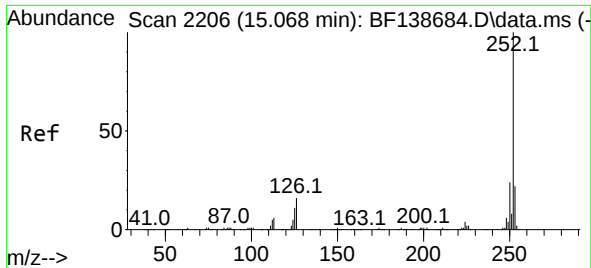


#88
Benzo(b)fluoranthene
Concen: 49.590 ng
RT: 15.045 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31



Tgt Ion:252 Resp: 463540
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.2 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 53.168 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

ClientSampleId :

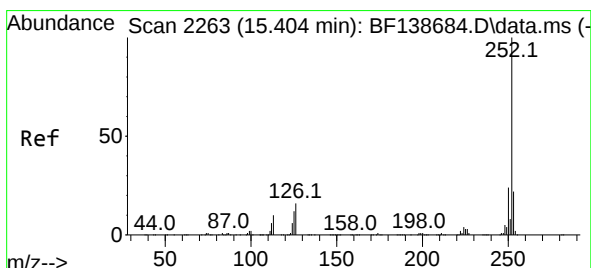
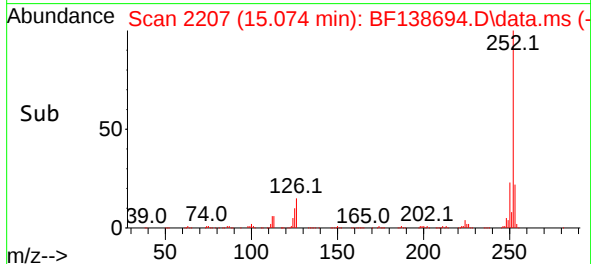
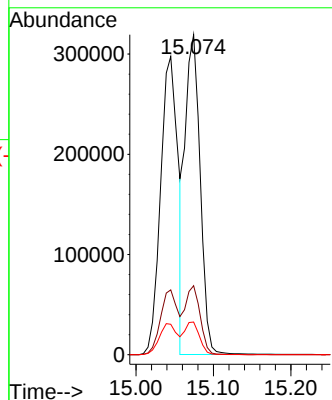
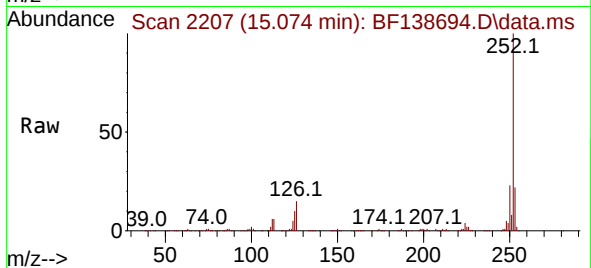
PB162317BS

Tgt Ion:252 Resp: 43029
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.2 8.6 13.0

Manual Integrations

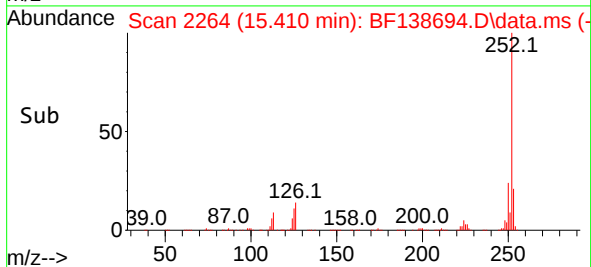
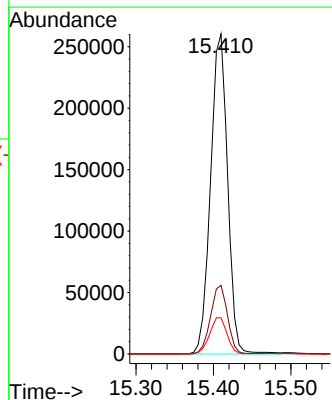
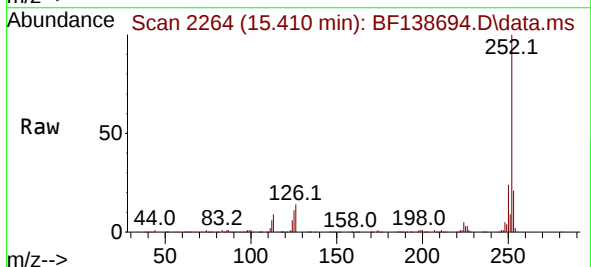
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#90
Benzo(a)pyrene
Concen: 50.565 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:252 Resp: 397565
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 11.3 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 49.457 ng
RT: 16.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Instrument :

BNA_F

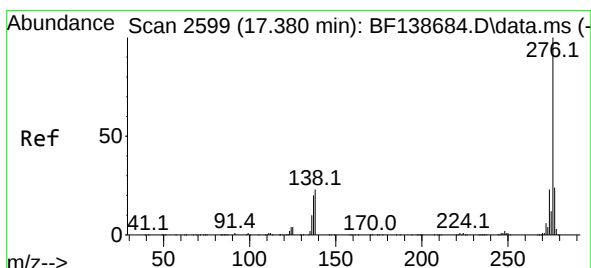
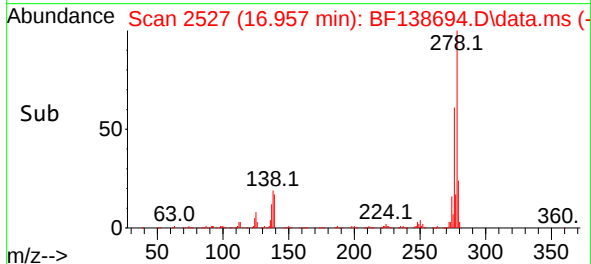
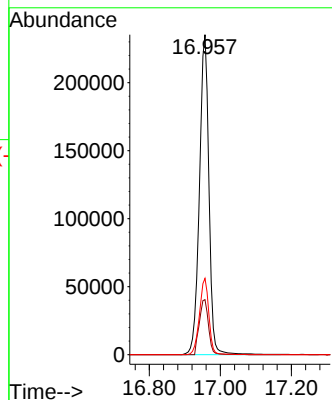
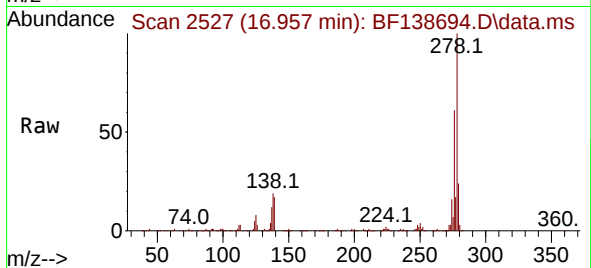
ClientSampleId :

PB162317BS

Tgt Ion:278 Resp: 43870
Ion Ratio Lower Upper
278 100
139 17.2 14.0 21.0
279 23.9 19.0 28.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#92
Benzo(g,h,i)perylene
Concen: 46.466 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138694.D
Acq: 31 Jul 2024 10:31

Tgt Ion:276 Resp: 427711
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 21.8 18.5 27.7

