

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138518.D
 Acq On : 11 Jul 2024 12:27
 Operator : CG\JU
 Sample : PB161993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161993BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 11 13:50:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128100	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	527348	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	292519	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	509310	20.000	ng	0.00
76) Chrysene-d12	14.027	240	246232	20.000	ng	0.00
86) Perylene-d12	15.492	264	233225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1021382	126.278	ng	0.02
7) Phenol-d6	6.516	99	1344037	124.911	ng	0.01
23) Nitrobenzene-d5	7.439	82	894740	83.303	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	353941	129.465	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1529380	81.714	ng	0.00
79) Terphenyl-d14	12.974	244	1560689	103.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	120238	33.565	ng	99
3) Pyridine	3.498	79	299847	33.942	ng	98
4) n-Nitrosodimethylamine	3.463	42	257446	44.767	ng	96
6) Aniline	6.534	93	276931	27.478	ng	92
8) 2-Chlorophenol	6.657	128	410373	47.982	ng	98
9) Benzaldehyde	6.416	77	103109	17.903	ng	97
10) Phenol	6.528	94	512319	44.857	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	412644	47.988	ng	99
12) 1,3-Dichlorobenzene	6.810	146	407713	42.410	ng	98
13) 1,4-Dichlorobenzene	6.886	146	413992	42.407	ng	99
14) 1,2-Dichlorobenzene	7.033	146	397205	43.685	ng	95
15) Benzyl Alcohol	7.016	79	379704	47.022	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	736299	43.542	ng	95
17) 2-Methylphenol	7.128	107	320958	45.790	ng	94
18) Hexachloroethane	7.375	117	156523	43.613	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	298317	44.869	ng	97
20) 3+4-Methylphenols	7.281	107	390642	44.257	ng	# 83
22) Acetophenone	7.281	105	554209	43.271	ng	# 94
24) Nitrobenzene	7.457	77	462518	42.375	ng	95
25) Isophorone	7.692	82	825697	44.765	ng	98
26) 2-Nitrophenol	7.769	139	220033	47.034	ng	99
27) 2,4-Dimethylphenol	7.804	122	281794	49.010	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	486747	44.155	ng	99
29) 2,4-Dichlorophenol	8.010	162	334751	44.833	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	370201	42.561	ng	99
31) Naphthalene	8.175	128	1168648	42.610	ng	99
32) Benzoic acid	7.957	122	258701	47.174	ng	93
33) 4-Chloroaniline	8.222	127	231003	24.005	ng	97
34) Hexachlorobutadiene	8.286	225	221184	41.295	ng	99
35) Caprolactam	8.610	113	104846m	43.516	ng	
36) 4-Chloro-3-methylphenol	8.710	107	374448	44.796	ng	98
37) 2-Methylnaphthalene	8.863	142	751449	42.576	ng	100
38) 1-Methylnaphthalene	8.963	142	696252	40.421	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	349865	42.914	ng	99
41) Hexachlorocyclopentadiene	9.016	237	324396	122.589	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	234415	45.076	ng	99

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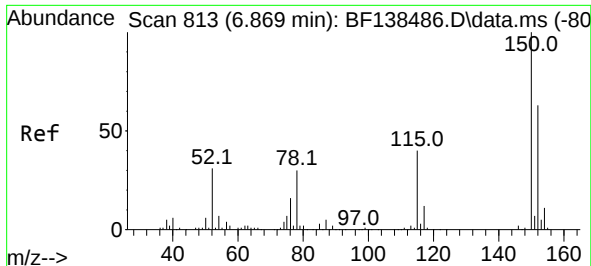
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	247006	43.184	ng	96
46) 1,1'-Biphenyl	9.327	154	935097	42.182	ng	98
47) 2-Chloronaphthalene	9.357	162	714008	42.634	ng	98
48) 2-Nitroaniline	9.451	65	266622	45.942	ng	94
49) Acenaphthylene	9.769	152	1103711	46.419	ng	100
50) Dimethylphthalate	9.633	163	858844	45.406	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190445	43.729	ng	98
52) Acenaphthene	9.939	154	672647	42.558	ng	99
53) 3-Nitroaniline	9.863	138	132762	29.743	ng	95
54) 2,4-Dinitrophenol	9.974	184	222801	94.429	ng	95
55) Dibenzofuran	10.116	168	985466	42.987	ng	98
56) 4-Nitrophenol	10.039	139	298837	90.734	ng	98
57) 2,4-Dinitrotoluene	10.104	165	258720	45.914	ng	94
58) Fluorene	10.457	166	769582	42.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	209118	46.325	ng	99
60) Diethylphthalate	10.333	149	820738	45.010	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	379817	41.699	ng	95
62) 4-Nitroaniline	10.486	138	189458	42.357	ng	98
63) Azobenzene	10.604	77	862754	44.007	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	152583	51.885	ng	87
66) n-Nitrosodiphenylamine	10.569	169	676281	44.319	ng	96
67) 4-Bromophenyl-phenylether	10.933	248	233911	44.684	ng	97
68) Hexachlorobenzene	10.998	284	258044	44.372	ng	98
69) Atrazine	11.092	200	204989	40.519	ng	98
70) Pentachlorophenol	11.198	266	305670	88.828	ng	97
71) Phenanthrene	11.416	178	1147458	44.595	ng	99
72) Anthracene	11.468	178	1158721	45.365	ng	99
73) Carbazole	11.621	167	1002307	43.666	ng	100
74) Di-n-butylphthalate	11.951	149	1221805	46.179	ng	99
75) Fluoranthene	12.604	202	1146220	43.656	ng	98
77) Benzidine	12.721	184	52230	8.407	ng	98
78) Pyrene	12.833	202	1145873	45.842	ng	99
80) Butylbenzylphthalate	13.445	149	388062	51.609	ng	100
81) Benzo(a)anthracene	14.015	228	749891	45.387	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	166409	39.087	ng	# 99
83) Chrysene	14.051	228	709931	45.421	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	419349	52.292	ng	99
85) Di-n-octyl phthalate	14.609	149	654794	51.686	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	794589	50.721	ng	100
88) Benzo(b)fluoranthene	15.062	252	601586	45.802	ng	99
89) Benzo(k)fluoranthene	15.092	252	625074	48.796	ng	99
90) Benzo(a)pyrene	15.433	252	583030	50.531	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	651907	50.872	ng	99
92) Benzo(g,h,i)perylene	17.421	276	633563	46.624	ng	98

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



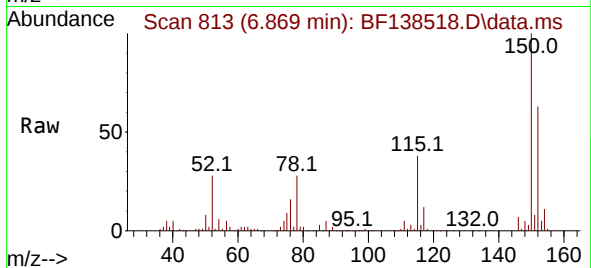
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

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PB161993BS

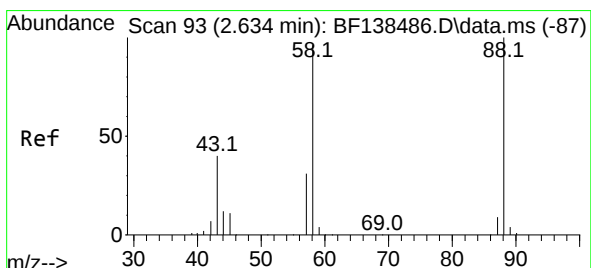
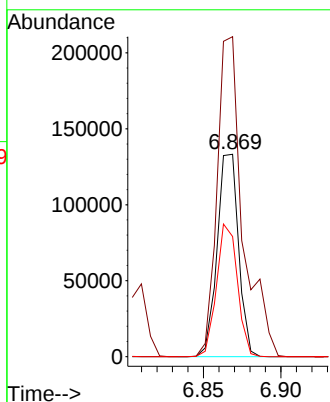
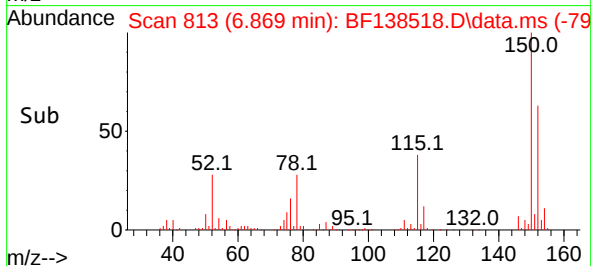


Tgt Ion:152 Resp: 128100
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.4
115 59.4 50.3 75.5

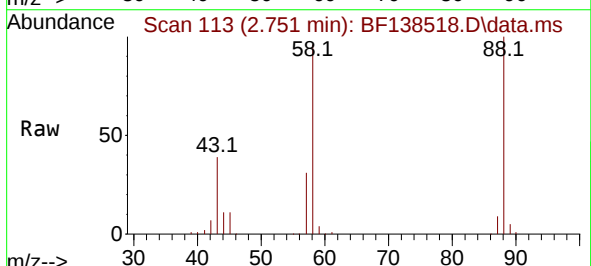
Manual Integrations

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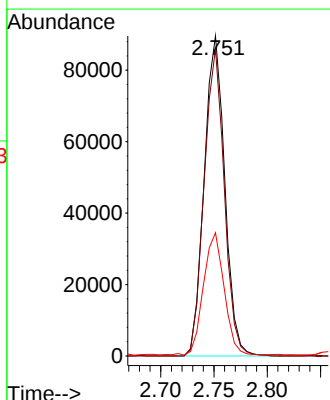
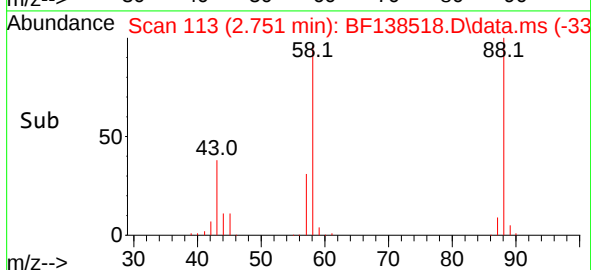
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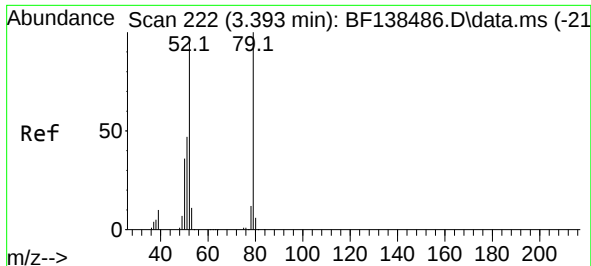


#2
1,4-Dioxane
Concen: 33.565 ng
RT: 2.751 min Scan# 113
Delta R.T. 0.118 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion: 88 Resp: 120238
Ion Ratio Lower Upper
88 100
58 94.1 74.6 112.0
43 38.3 31.8 47.6





#3

Pyridine

Concen: 33.942 ng

RT: 3.498 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF138518.D

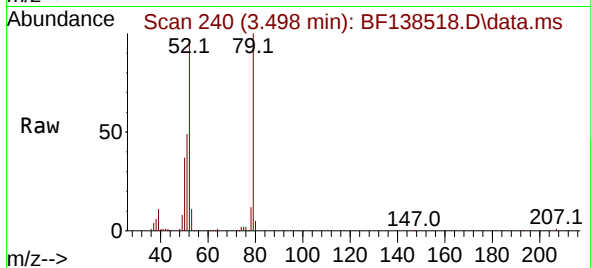
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

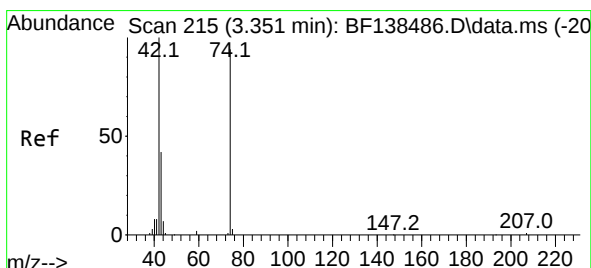
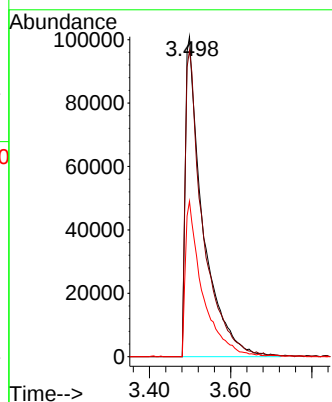
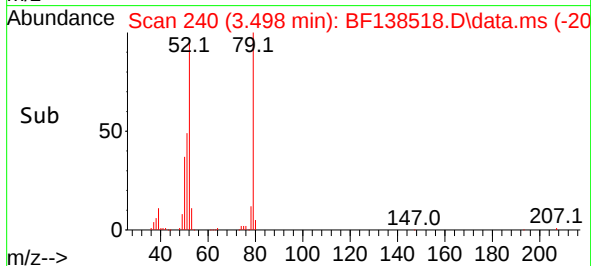


Tgt Ion:	79	Resp:	29984
Ion Ratio	Lower	Upper	
79	100		
52	95.7	77.4	116.2
51	48.6	37.4	56.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.767 ng

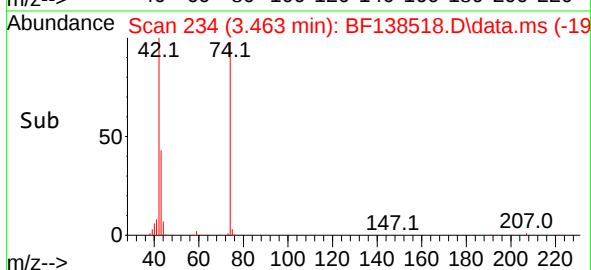
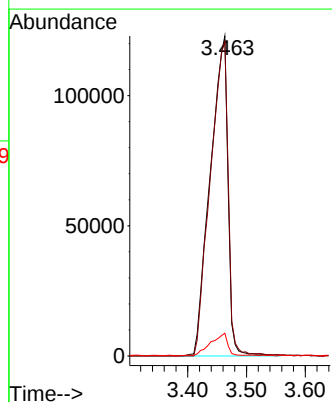
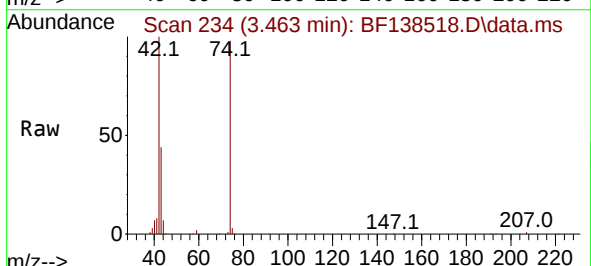
RT: 3.463 min Scan# 234

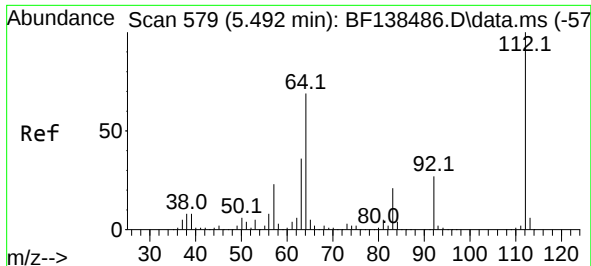
Delta R.T. 0.112 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Tgt Ion:	42	Resp:	257446
Ion Ratio	Lower	Upper	
42	100		
74	98.2	75.0	112.6
44	7.1	5.4	8.2





#5
2-Fluorophenol
Concen: 126.278 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

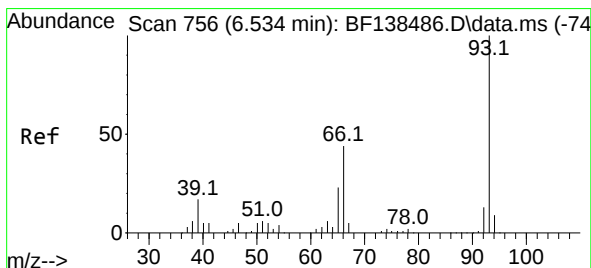
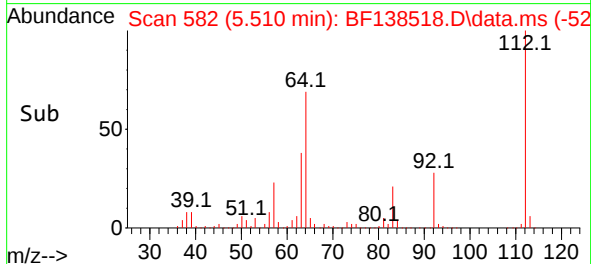
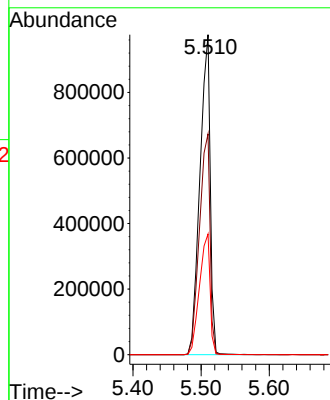
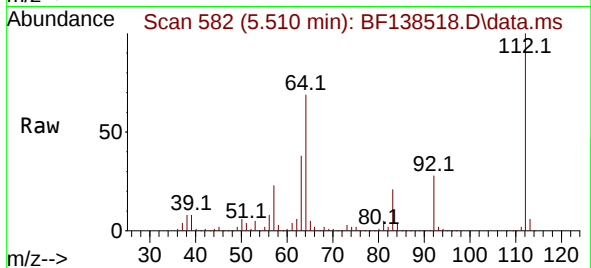
PB161993BS

Tgt Ion:112 Resp: 102138
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 37.7 29.0 43.6

Manual Integrations

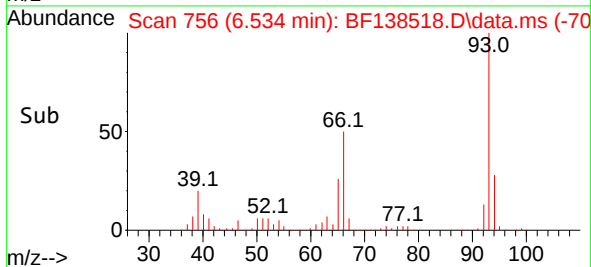
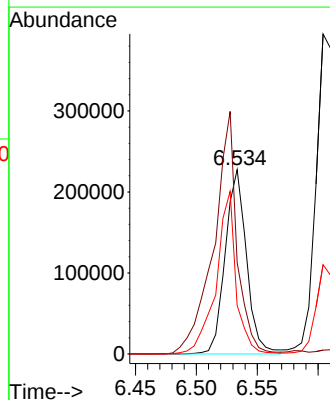
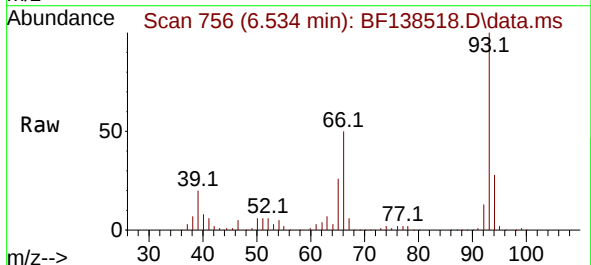
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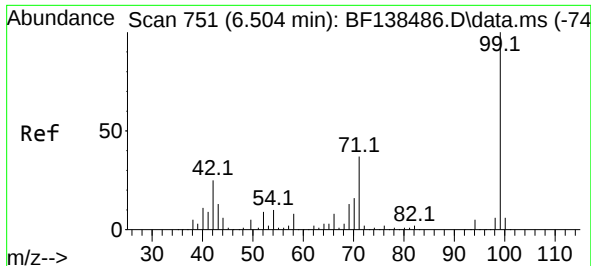
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#6
Aniline
Concen: 27.478 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

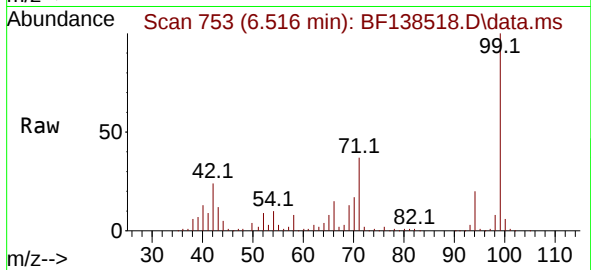
Tgt Ion: 93 Resp: 276931
Ion Ratio Lower Upper
93 100
66 49.6 35.4 53.0
65 26.4 18.6 27.8





#7
Phenol-d6
Concen: 124.911 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

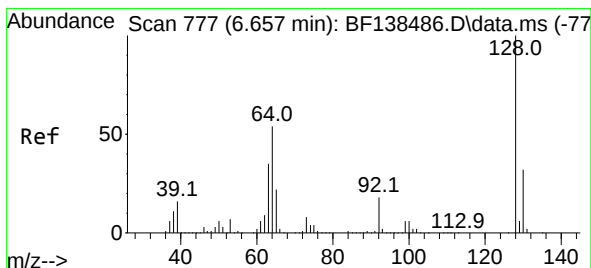
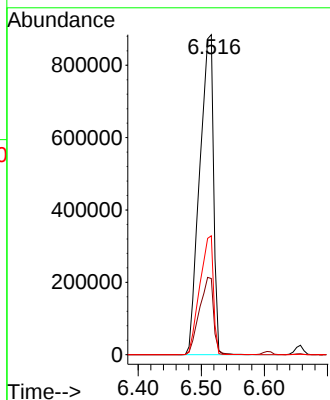
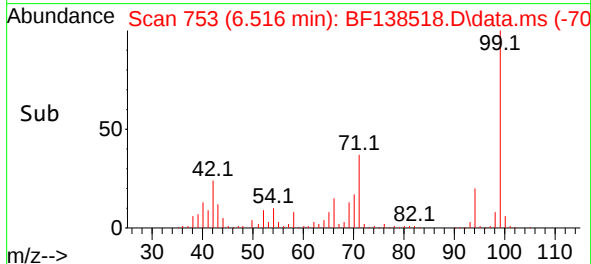
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Tgt Ion: 99 Resp: 134403
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 37.2 29.9 44.9

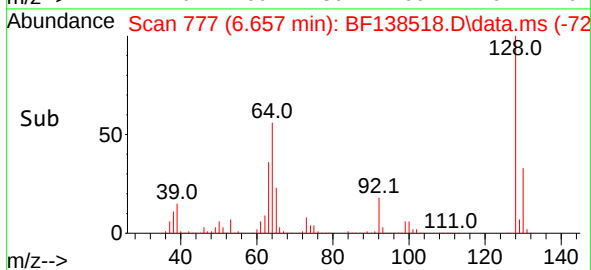
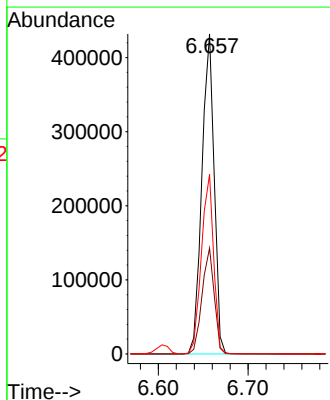
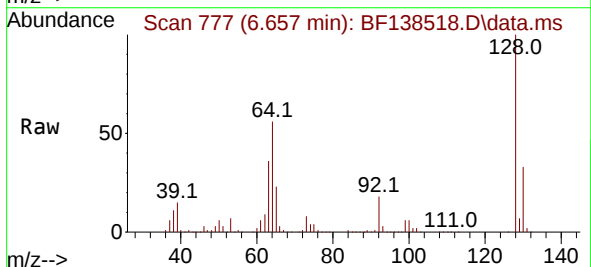
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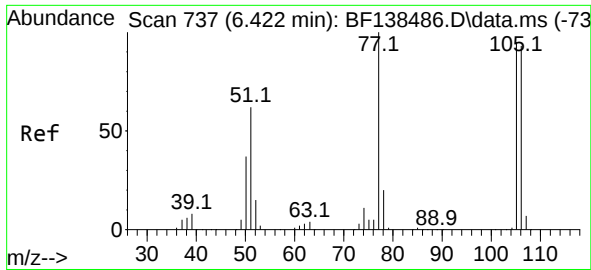
Reviewed By :Jagrut Upadhyay 07/12/2024
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#8
2-Chlorophenol
Concen: 47.982 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF138518.D
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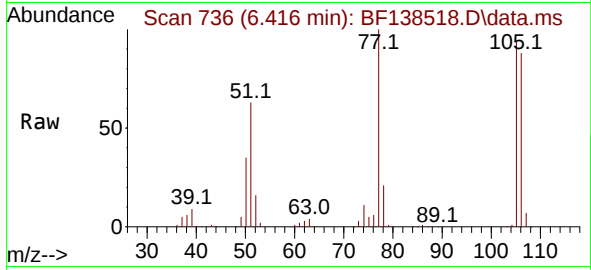
Tgt Ion:128 Resp: 410373
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 56.1 34.4 74.4





#9
Benzaldehyde
Concen: 17.903 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

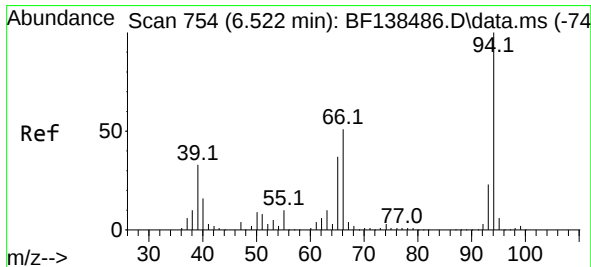
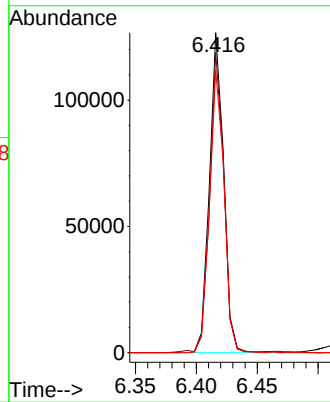
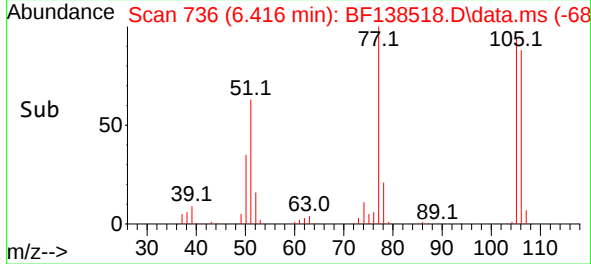
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion: 77 Resp: 103109
Ion Ratio Lower Upper
77 100
105 93.7 75.1 115.1
106 88.3 73.2 113.2

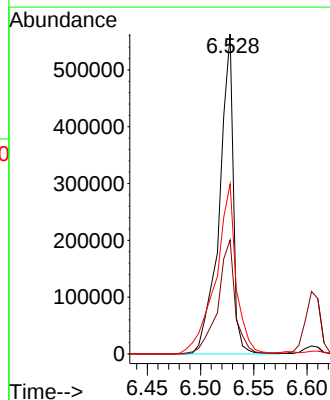
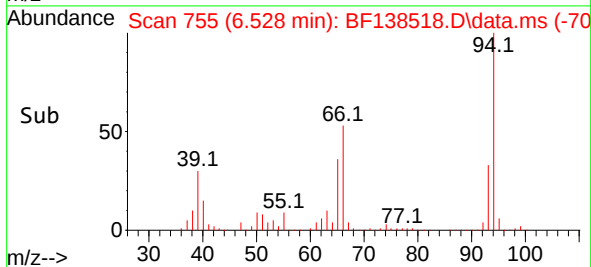
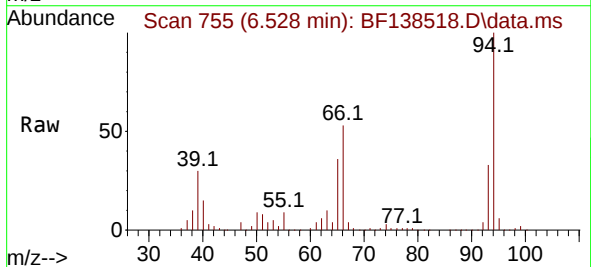
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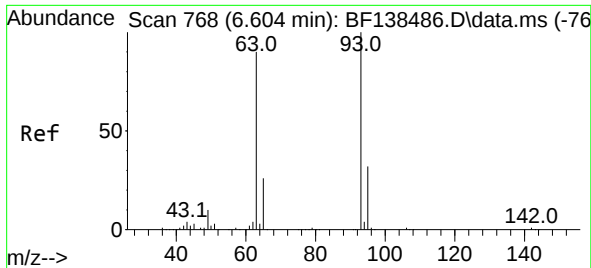
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#10
Phenol
Concen: 44.857 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

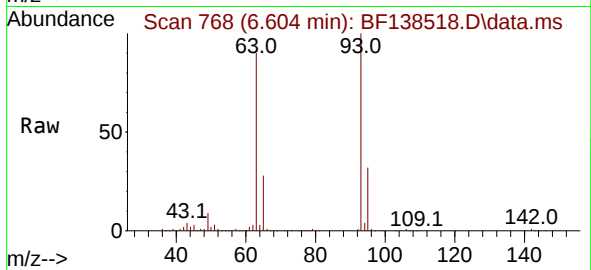
Tgt Ion: 94 Resp: 512319
Ion Ratio Lower Upper
94 100
65 35.6 16.7 56.7
66 53.2 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 47.988 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

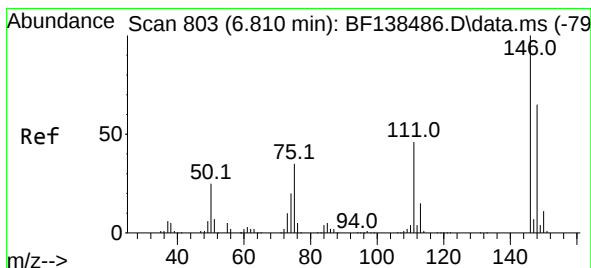
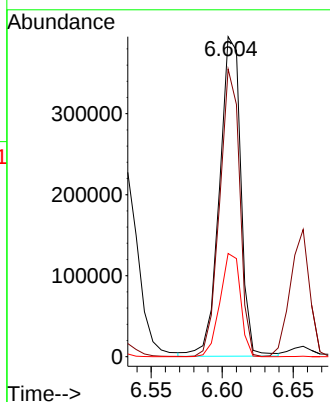
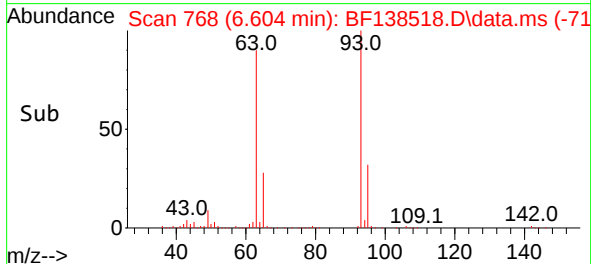
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion: 93 Resp: 412644
Ion Ratio Lower Upper
93 100
63 89.9 68.8 108.8
95 32.3 11.8 51.8

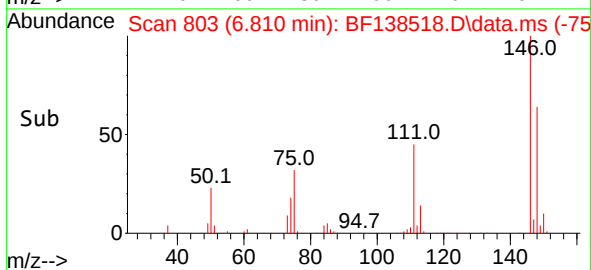
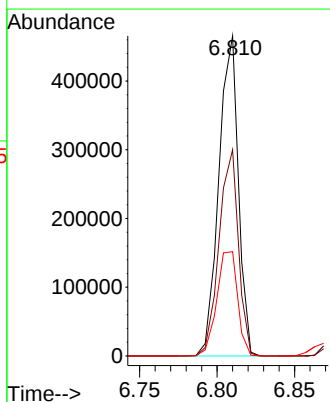
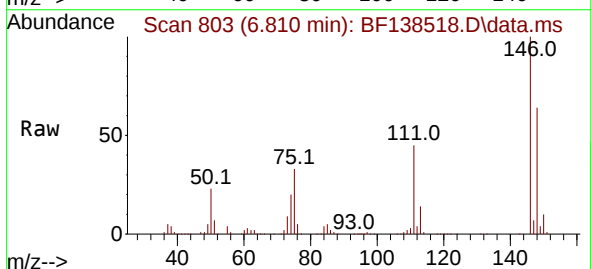
Manual Integrations
APPROVED

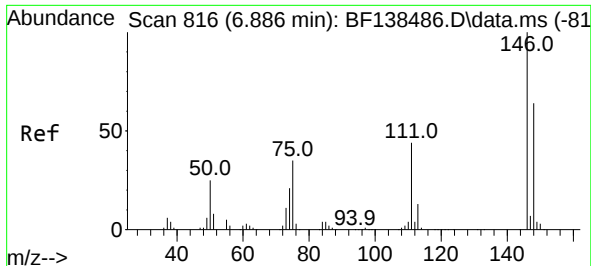
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#12
1,3-Dichlorobenzene
Concen: 42.410 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

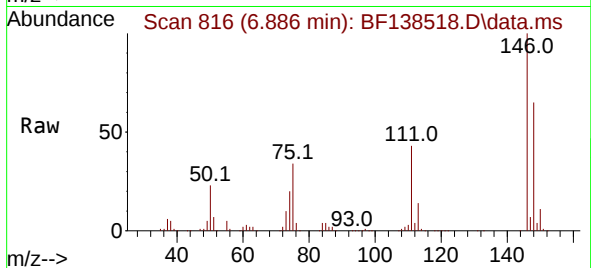
Tgt Ion:146 Resp: 407713
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
75 32.6 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 42.407 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

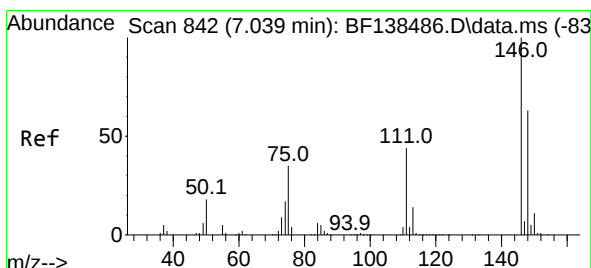
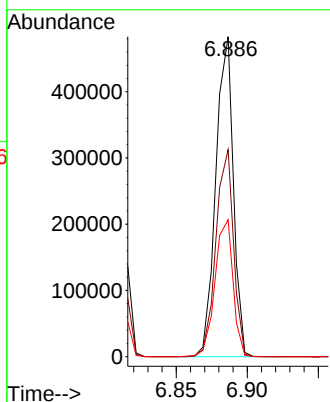
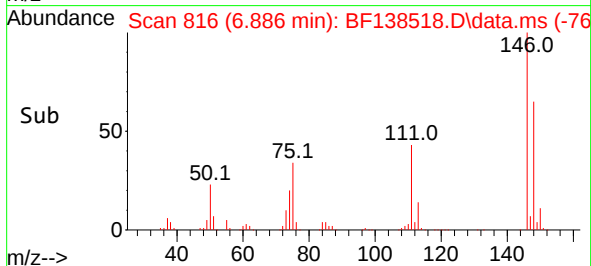
Instrument :
BNA_F
ClientSampleId :
PB161993BS



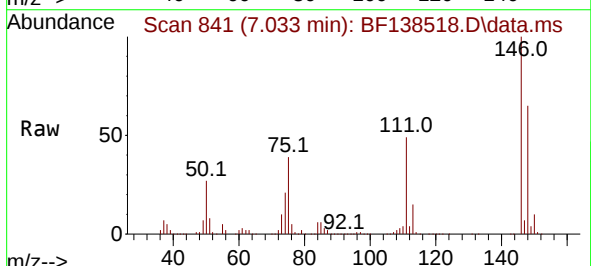
Tgt Ion:146 Resp: 413992
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
111 42.8 34.9 52.3

Manual Integrations
APPROVED

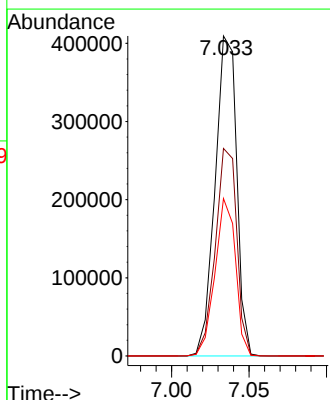
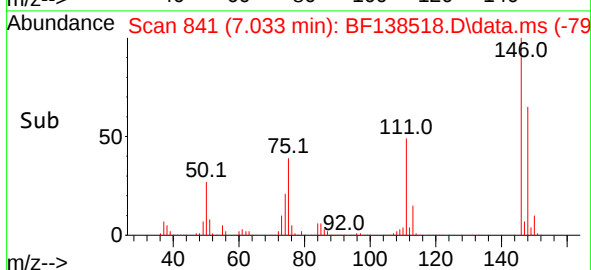
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#14
1,2-Dichlorobenzene
Concen: 43.685 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



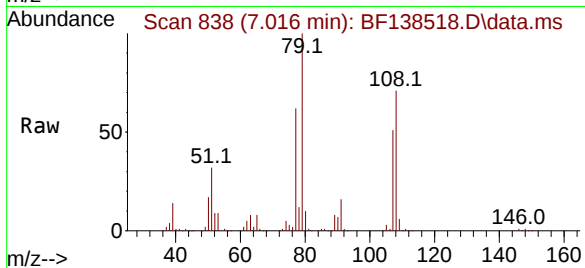
Tgt Ion:146 Resp: 397205
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 49.2 35.5 53.3





#15
Benzyl Alcohol
Concen: 47.022 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

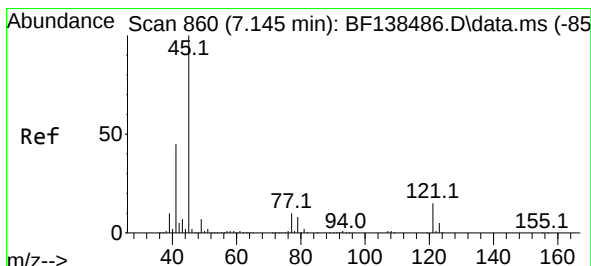
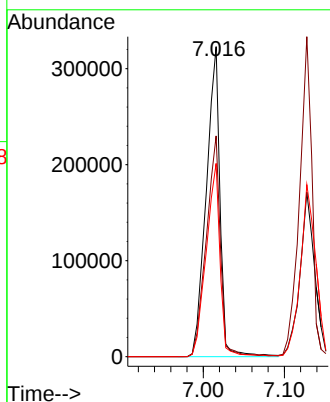
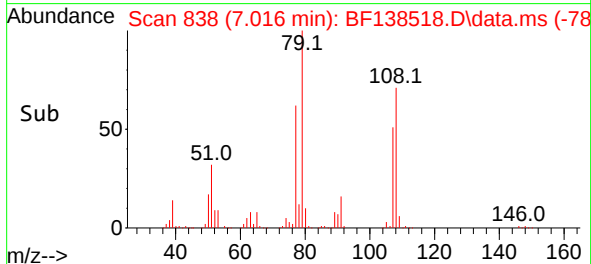
Instrument :
BNA_F
ClientSampleId :
PB161993BS



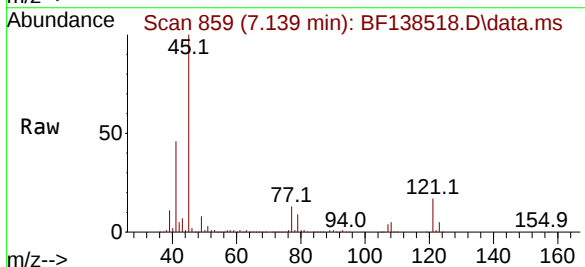
Tgt Ion: 79 Resp: 379704
Ion Ratio Lower Upper
79 100
108 71.2 54.3 81.5
77 62.4 50.0 75.0

Manual Integrations
APPROVED

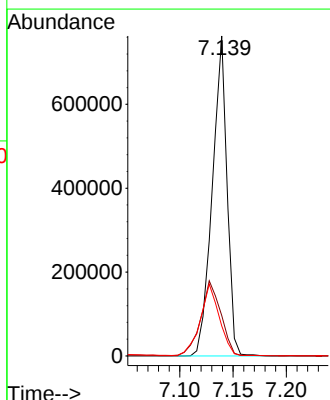
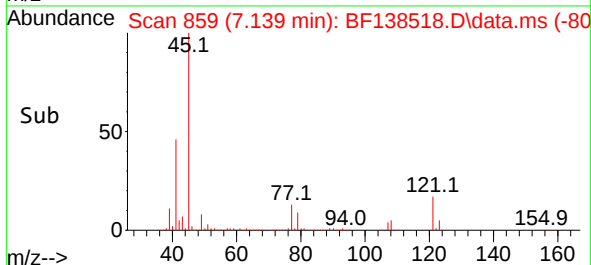
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

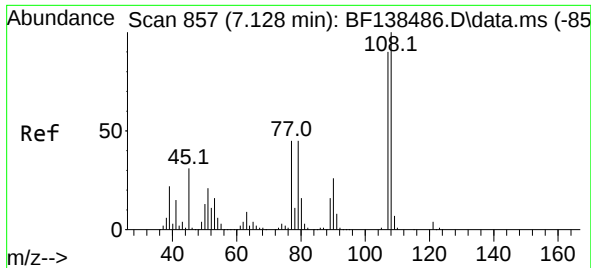


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.542 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion: 45 Resp: 736299
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.4
79 9.4 0.0 28.1





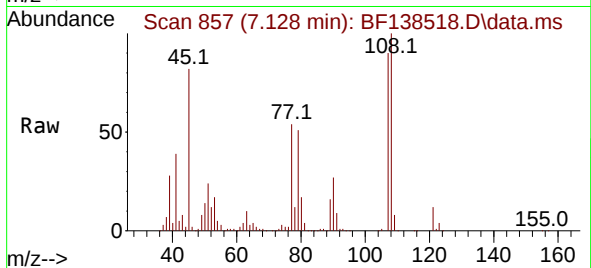
#17
2-Methylphenol
Concen: 45.790 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

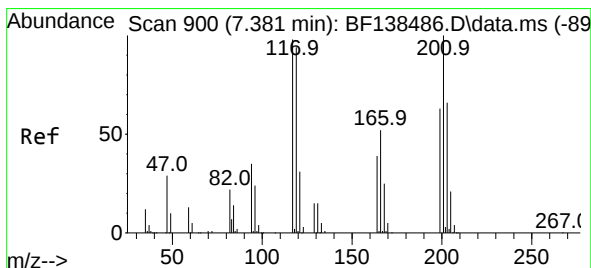
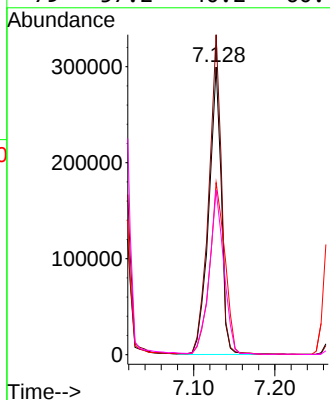
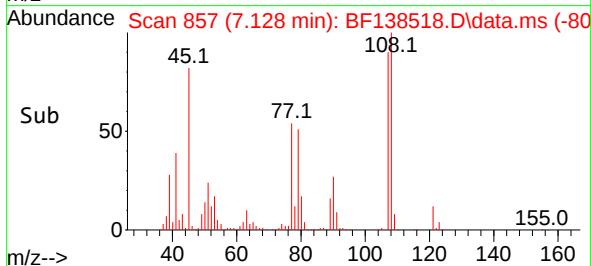


Tgt Ion:107 Resp: 320958
Ion Ratio Lower Upper
107 100
108 111.3 89.0 133.4
77 59.8 40.3 60.5
79 57.2 40.2 60.4

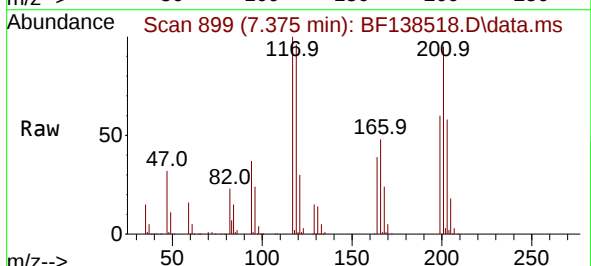
Manual Integrations

APPROVED

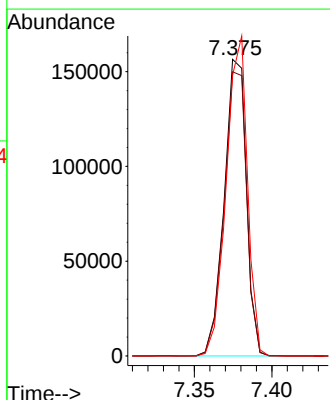
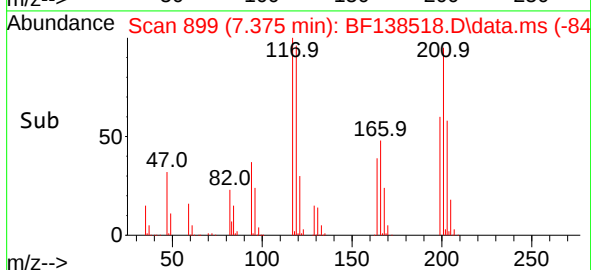
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

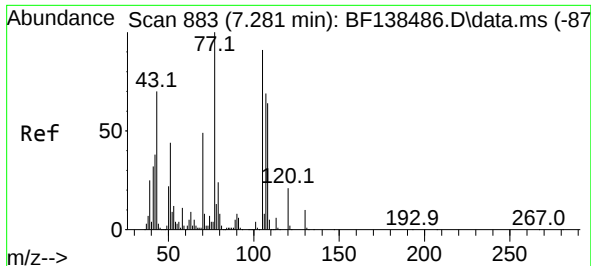


#18
Hexachloroethane
Concen: 43.613 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



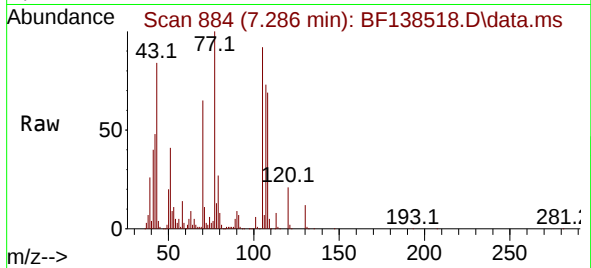
Tgt Ion:117 Resp: 156523
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 94.6 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.869 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

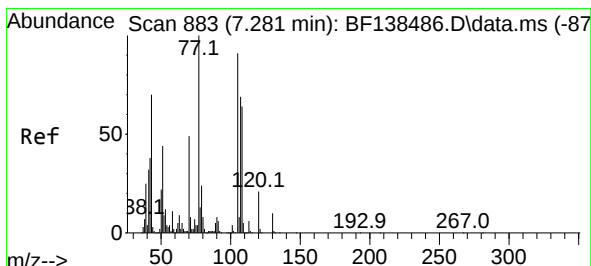
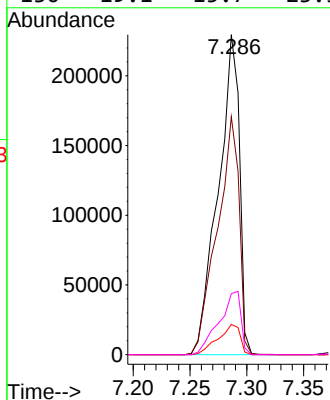
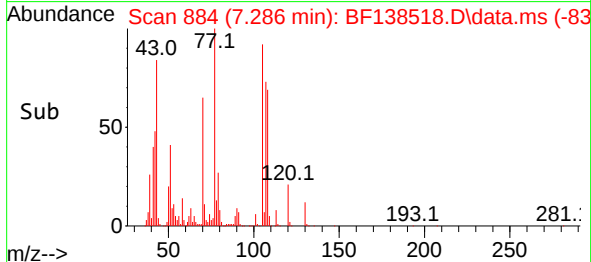
Instrument :
BNA_F
ClientSampleId :
PB161993BS



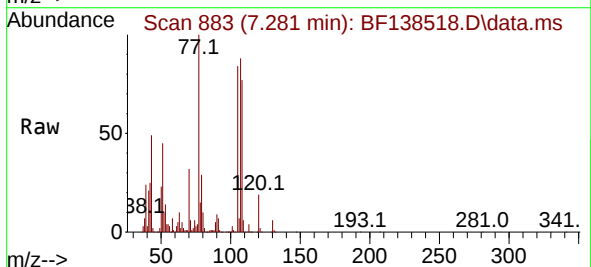
Tgt Ion: 70 Resp: 29831
Ion Ratio Lower Upper
70 100
42 74.3 62.4 93.6
101 9.4 7.2 10.8
130 19.1 15.7 23.5

Manual Integrations
APPROVED

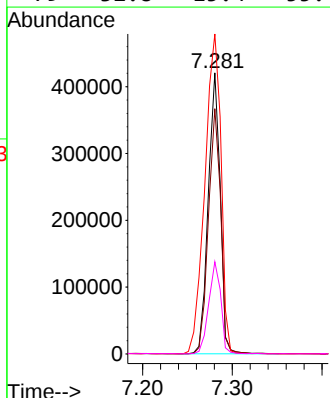
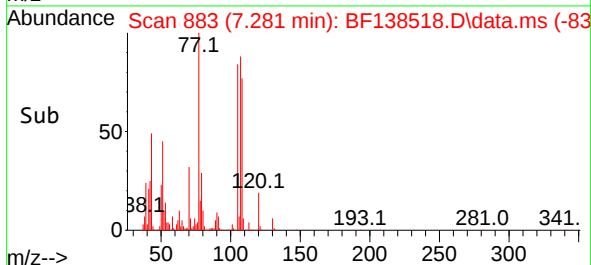
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

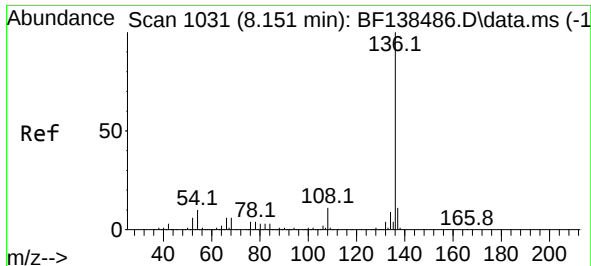


#20
3+4-Methylphenols
Concen: 44.257 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:107 Resp: 390642
Ion Ratio Lower Upper
107 100
108 87.3 73.7 113.7
77 113.8 126.0 166.0#
79 32.8 15.4 55.4





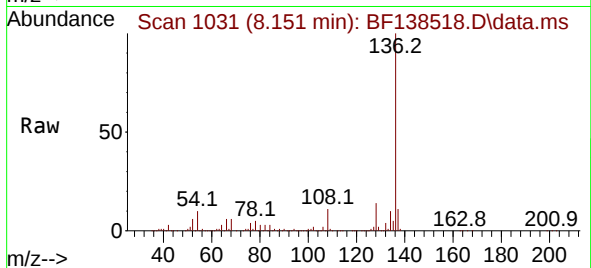
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

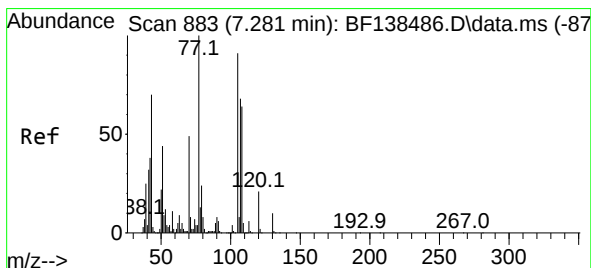
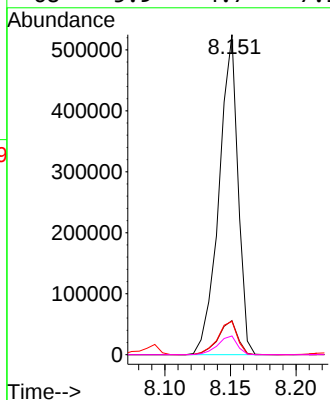
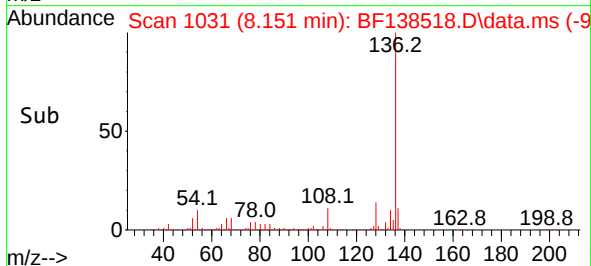


Tgt Ion:136 Resp: 527348
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.4 8.1 12.1
68 5.9 4.7 7.1

Manual Integrations

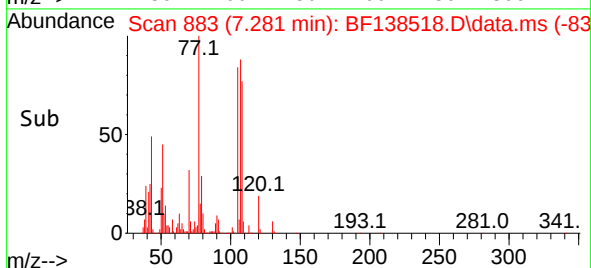
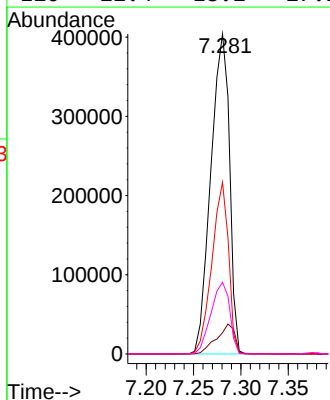
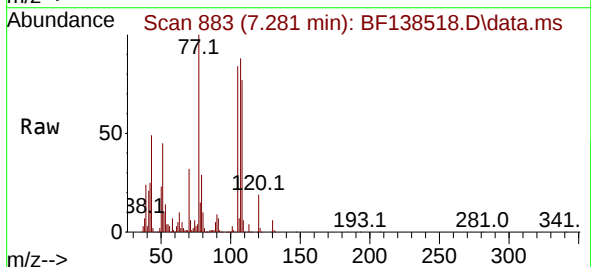
APPROVED

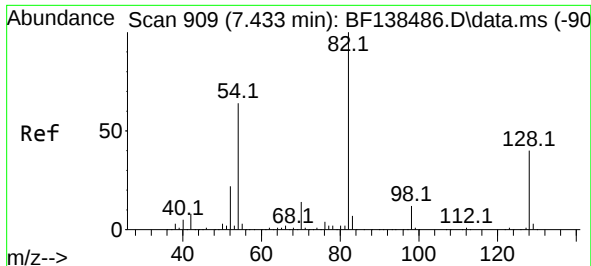
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#22
Acetophenone
Concen: 43.271 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:105 Resp: 554209
Ion Ratio Lower Upper
105 100
71 6.7 7.4 11.2#
51 53.7 38.7 58.1
120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.303 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

Tgt Ion: 82 Resp: 894740

Ion Ratio Lower Upper

82 100

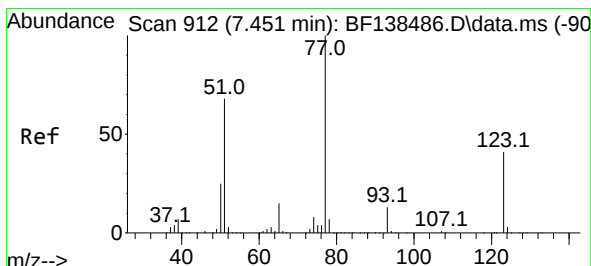
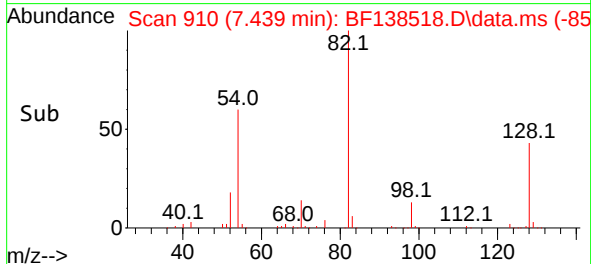
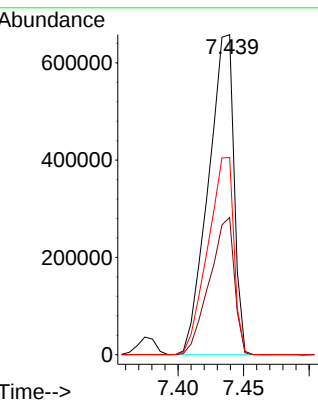
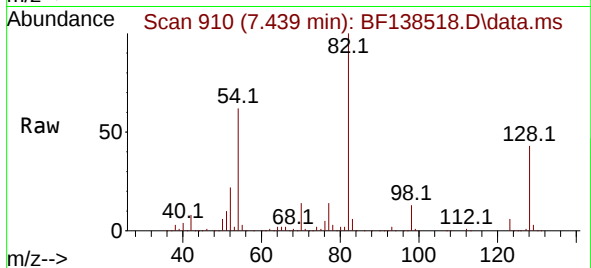
128 42.9 32.3 48.5

54 61.6 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#24

Nitrobenzene

Concen: 42.375 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

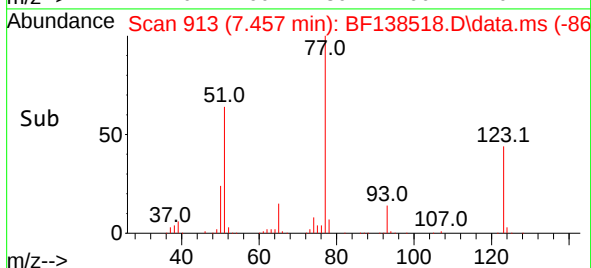
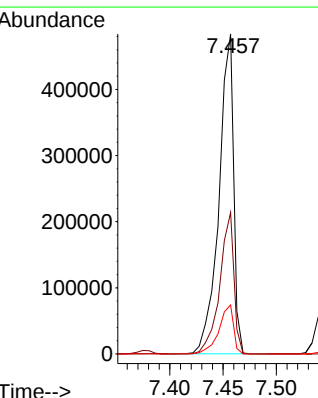
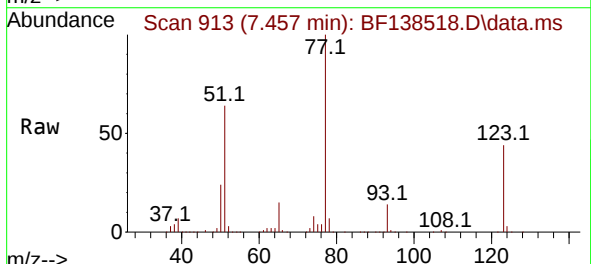
Tgt Ion: 77 Resp: 462518

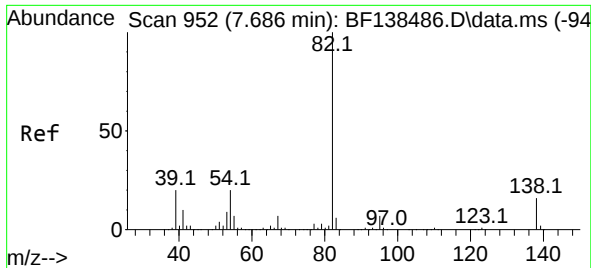
Ion Ratio Lower Upper

77 100

123 44.2 32.4 48.6

65 15.3 11.8 17.8





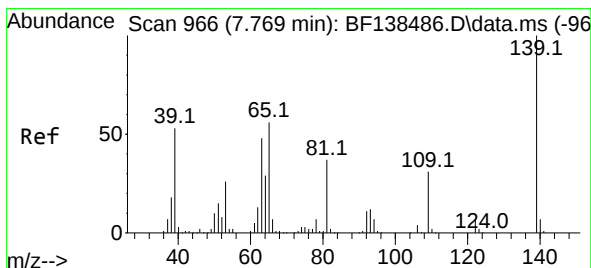
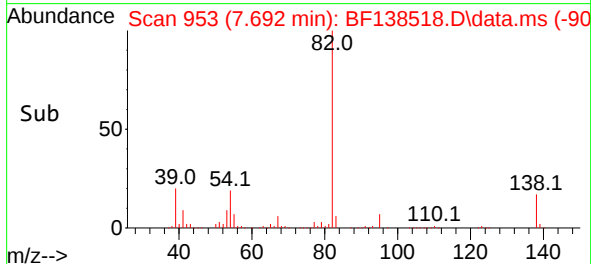
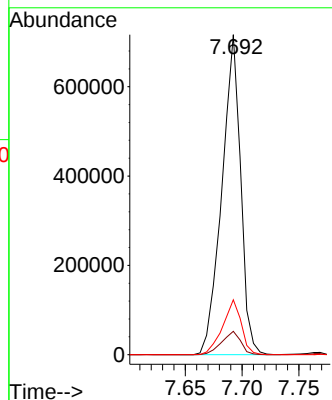
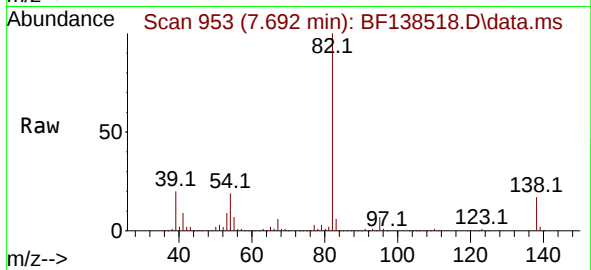
#25
Isophorone
Concen: 44.765 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :
BNA_F
ClientSampleId :
PB161993BS

Tgt Ion: 82 Resp: 82569
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.1 12.8 19.2

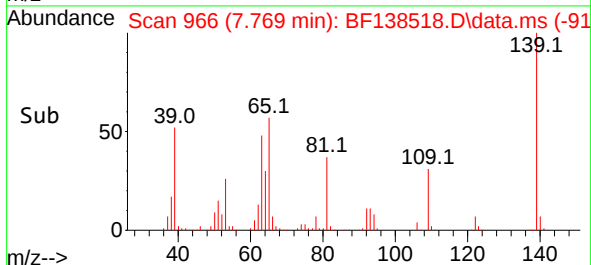
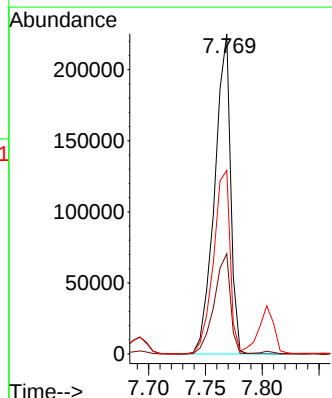
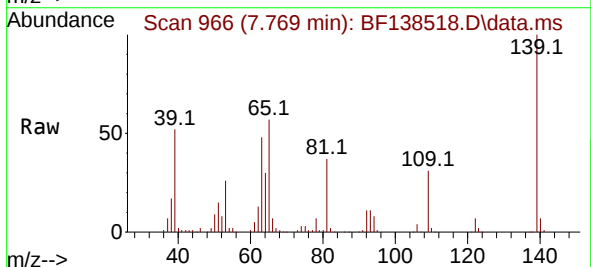
Manual Integrations
APPROVED

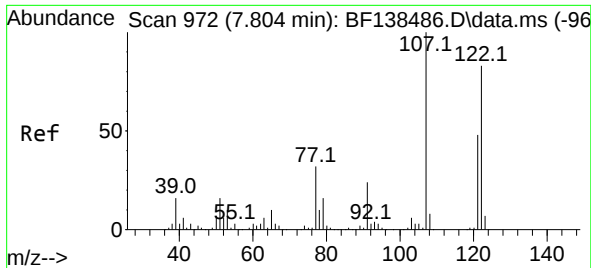
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#26
2-Nitrophenol
Concen: 47.034 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:139 Resp: 220033
Ion Ratio Lower Upper
139 100
109 31.3 24.8 37.2
65 57.3 45.1 67.7





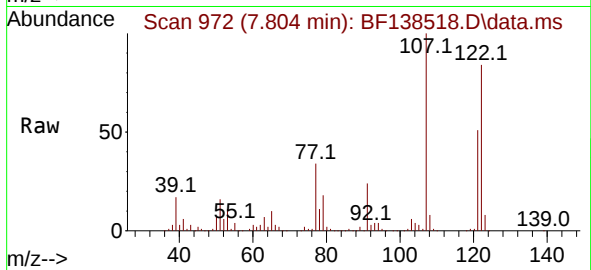
#27
2,4-Dimethylphenol
Concen: 49.010 ng
RT: 7.804 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

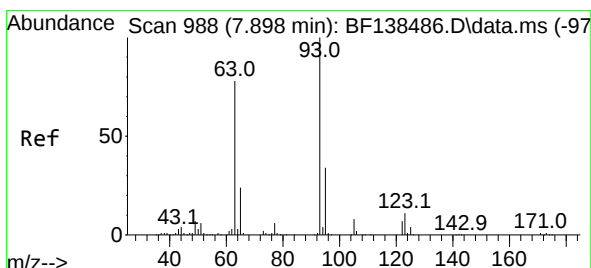
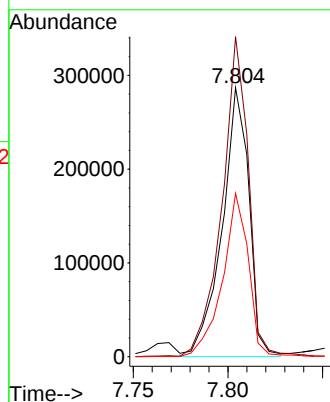
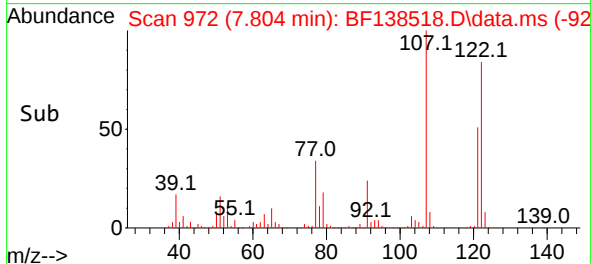


Tgt Ion:122 Resp: 281794
Ion Ratio Lower Upper
122 100
107 119.0 96.3 144.5
121 60.7 46.7 70.1

Manual Integrations

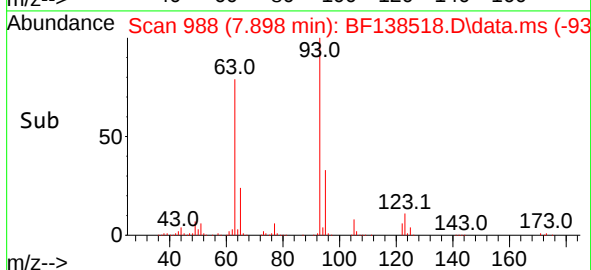
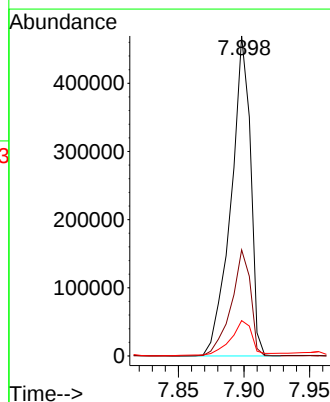
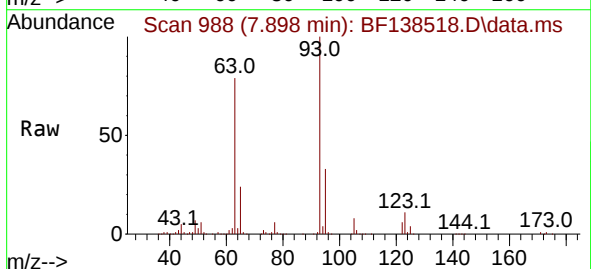
APPROVED

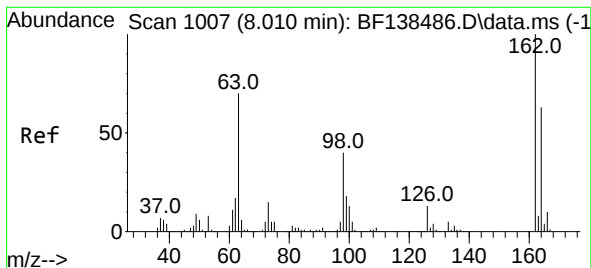
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.155 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion: 93 Resp: 486747
Ion Ratio Lower Upper
93 100
95 33.2 27.0 40.6
123 11.0 9.1 13.7





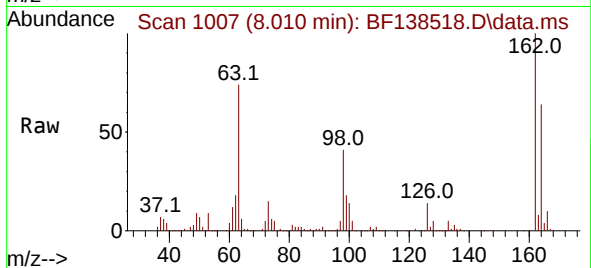
#29
2,4-Dichlorophenol
Concen: 44.833 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

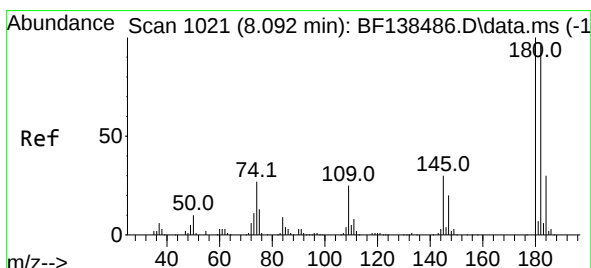
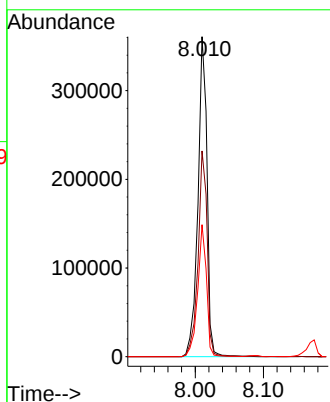
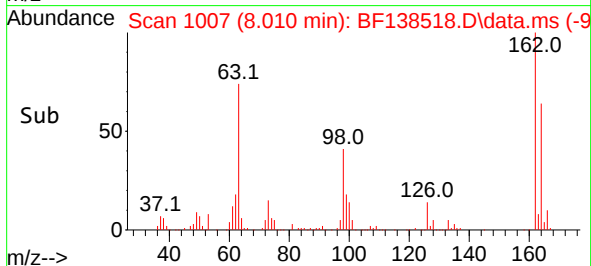


Tgt Ion:162 Resp: 33475
Ion Ratio Lower Upper
162 100
164 64.3 42.6 82.6
98 41.3 20.1 60.1

Manual Integrations

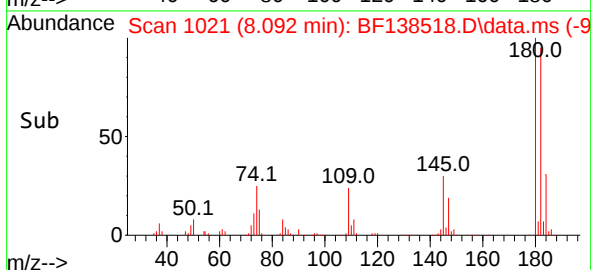
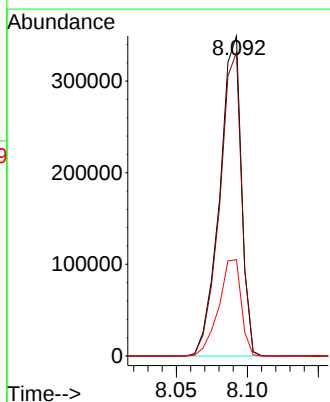
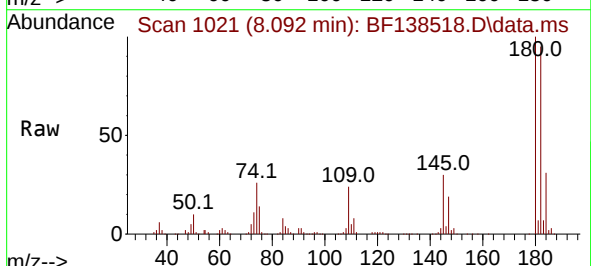
APPROVED

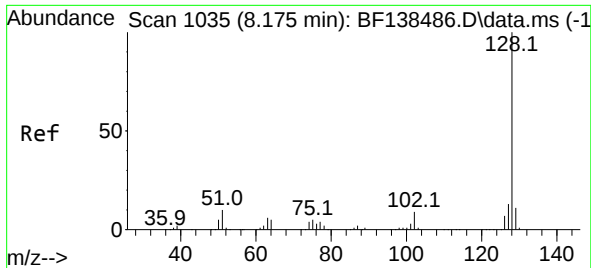
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.561 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

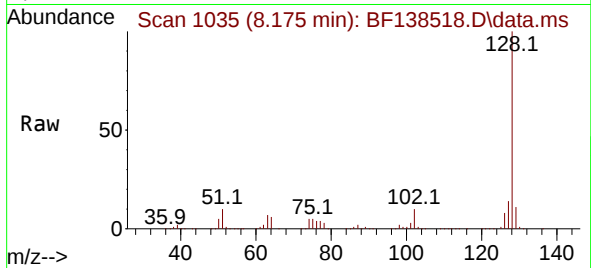
Tgt Ion:180 Resp: 370201
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 30.1 23.9 35.9





#31
Naphthalene
Concen: 42.610 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

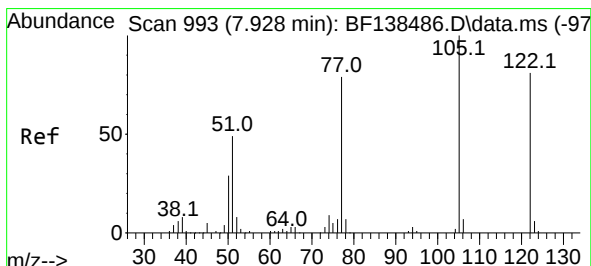
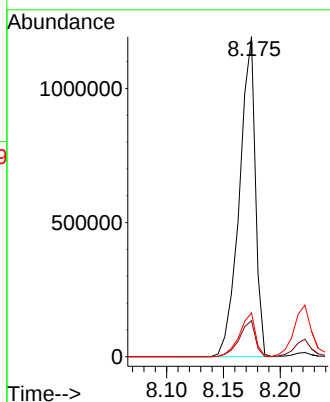
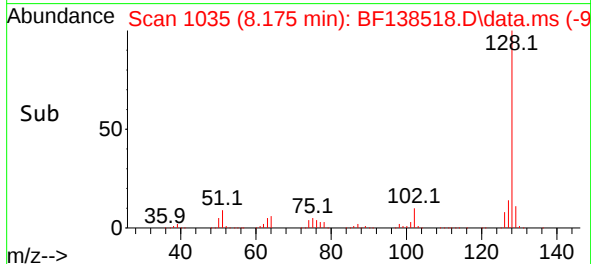
Instrument :
BNA_F
ClientSampleId :
PB161993BS



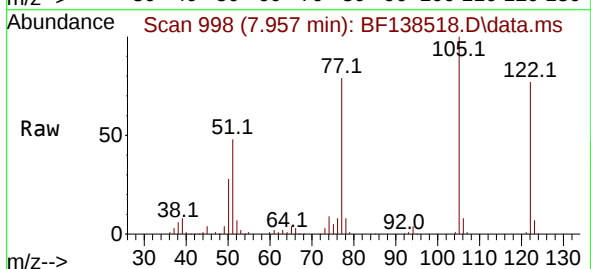
Tgt Ion:128 Resp: 116864
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.7 10.7 16.1

Manual Integrations
APPROVED

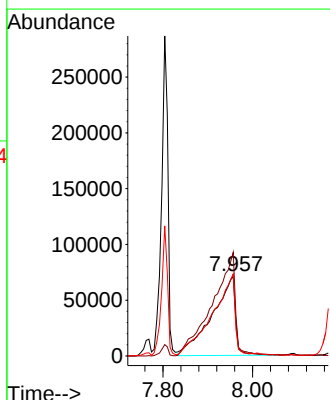
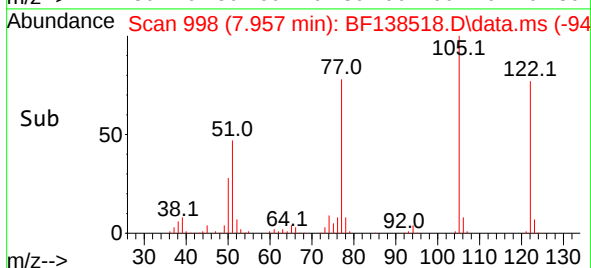
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

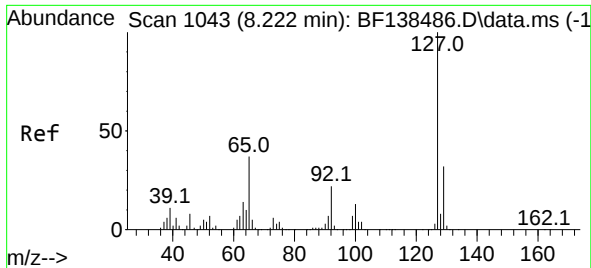


#32
Benzoic acid
Concen: 47.174 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.029 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:122 Resp: 258701
Ion Ratio Lower Upper
122 100
105 130.3 101.5 141.5
77 103.3 77.3 117.3





#33
4-Chloroaniline
Concen: 24.005 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

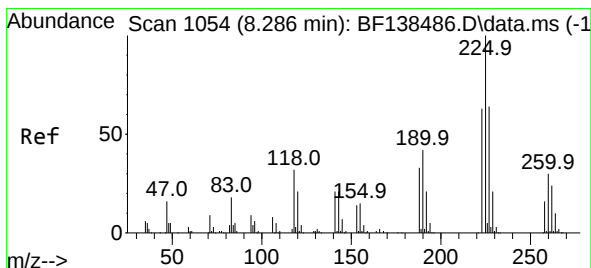
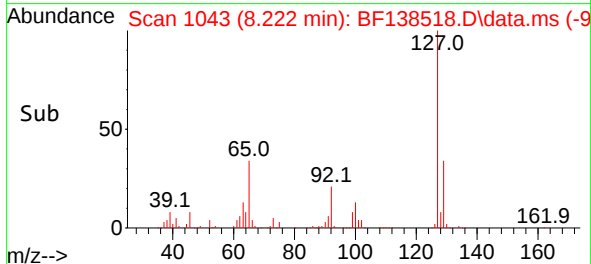
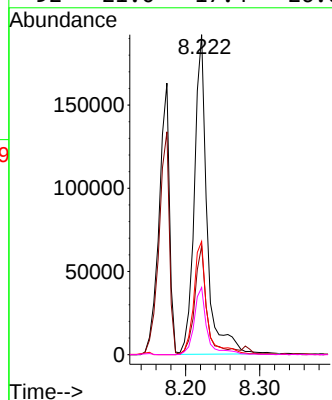
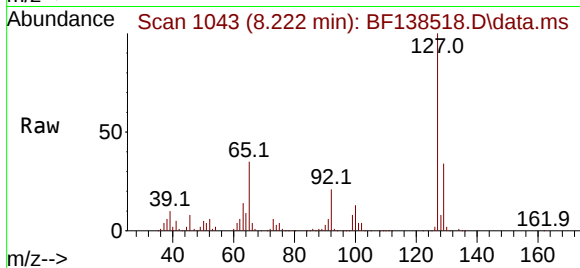
PB161993BS

Tgt Ion:127 Resp: 231000
Ion Ratio Lower Upper
127 100
129 33.9 25.6 38.4
65 35.4 29.6 44.4
92 21.0 17.4 26.0

Manual Integrations

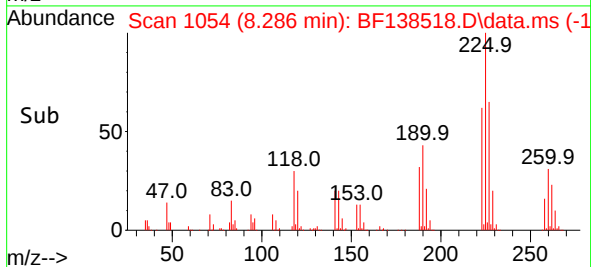
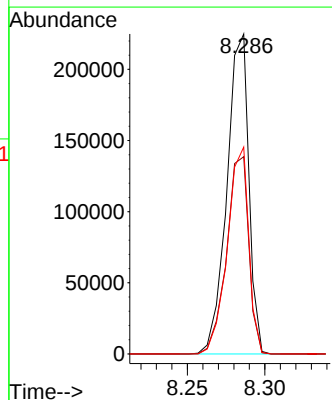
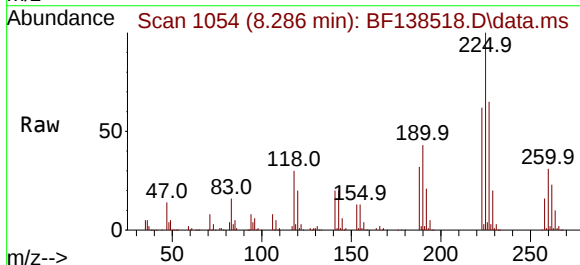
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#34
Hexachlorobutadiene
Concen: 41.295 ng
RT: 8.286 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

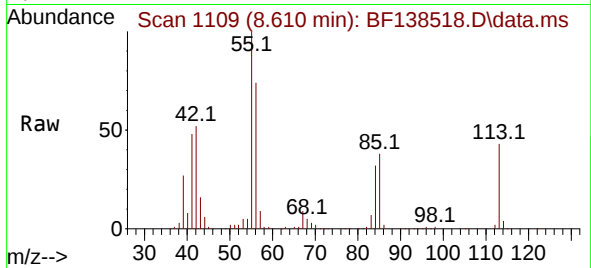
Tgt Ion:225 Resp: 221184
Ion Ratio Lower Upper
225 100
223 61.7 50.0 75.0
227 64.7 51.0 76.6





#35
Caprolactam
Concen: 43.516 ng m
RT: 8.610 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

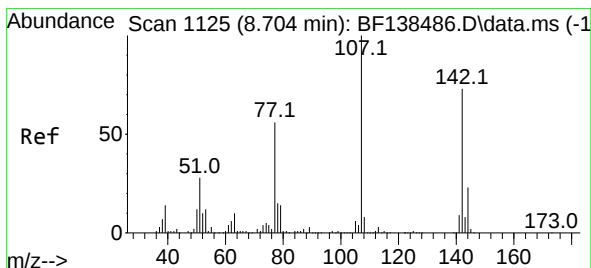
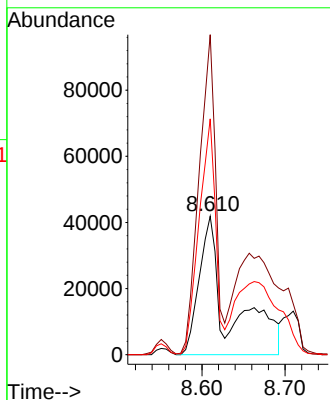
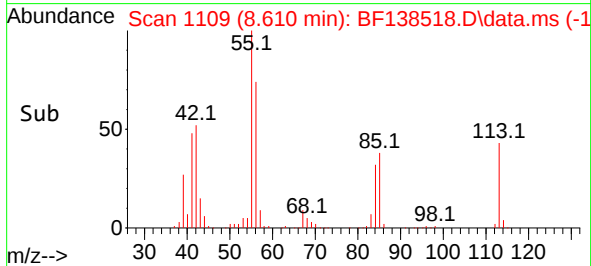
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion:113 Resp: 104840
Ion Ratio Lower Upper
113 100
55 231.1 192.5 232.5
56 170.3 145.3 185.3

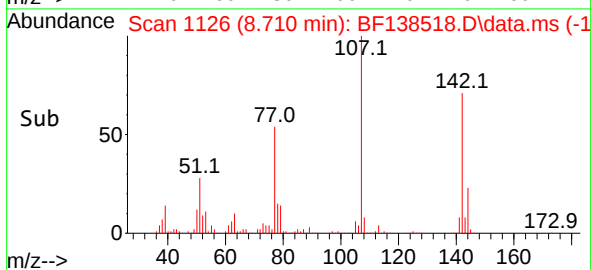
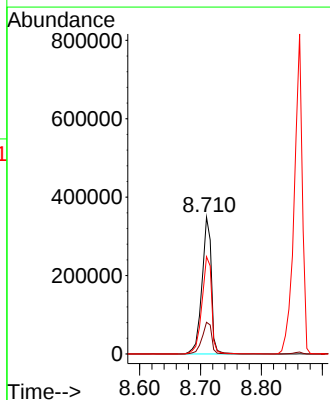
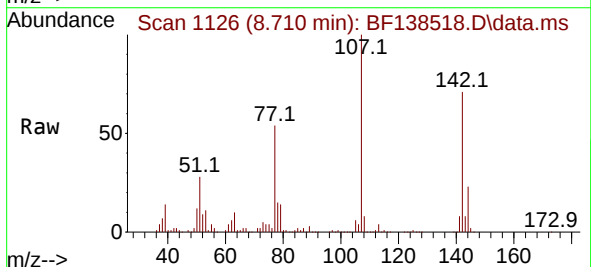
Manual Integrations
APPROVED

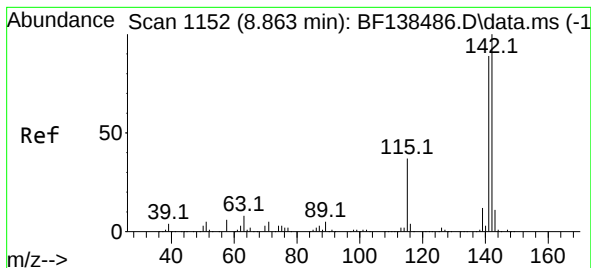
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#36
4-Chloro-3-methylphenol
Concen: 44.796 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:107 Resp: 374448
Ion Ratio Lower Upper
107 100
144 23.1 18.6 27.8
142 71.1 58.6 88.0





#37

2-Methylnaphthalene

Concen: 42.576 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

Tgt Ion:142 Resp: 751449

Ion Ratio Lower Upper

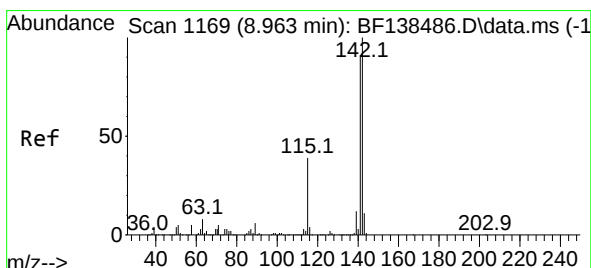
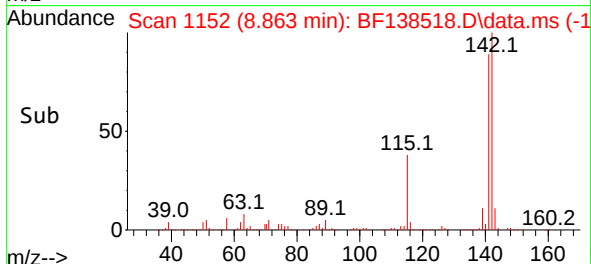
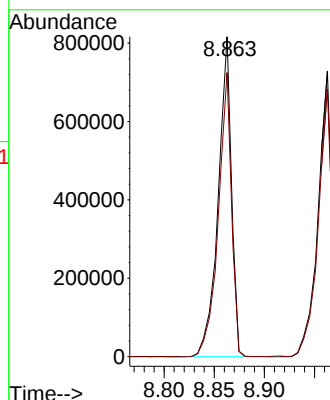
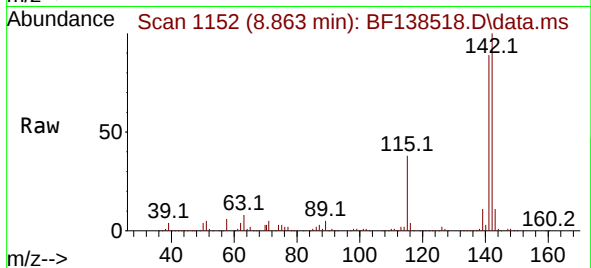
142 100

141 88.8 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#38

1-Methylnaphthalene

Concen: 40.421 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138518.D

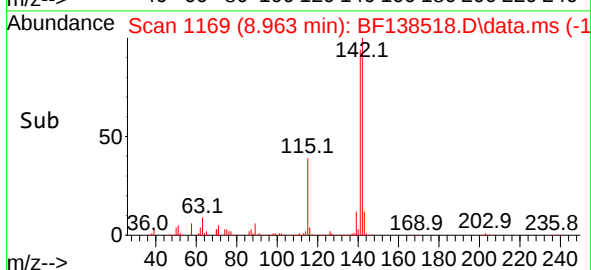
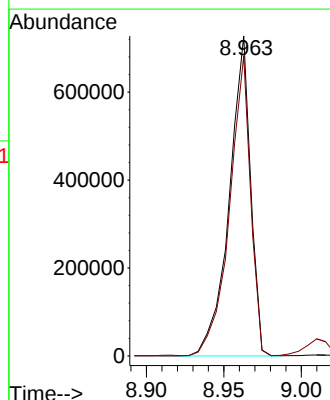
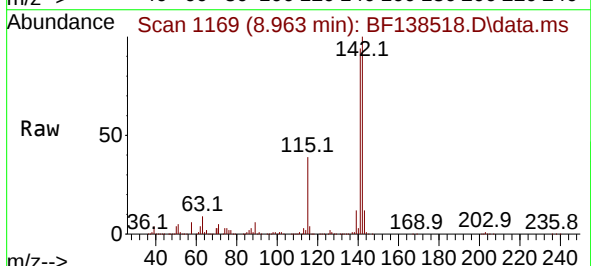
Acq: 11 Jul 2024 12:27

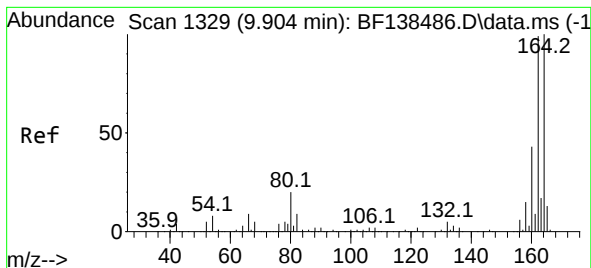
Tgt Ion:142 Resp: 696252

Ion Ratio Lower Upper

142 100

141 93.8 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138518.D

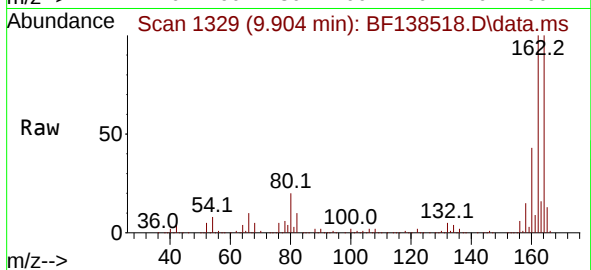
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS



Tgt Ion:164 Resp: 292519

Ion Ratio Lower Upper

164 100

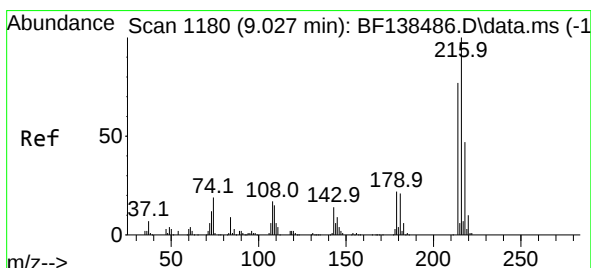
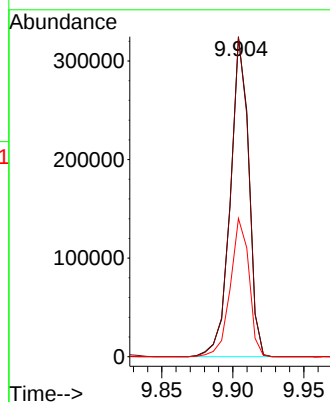
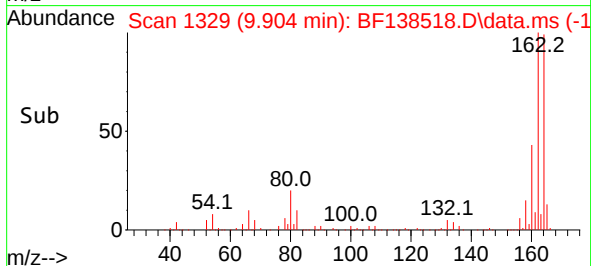
162 100.2 79.0 118.6

160 43.3 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.914 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Tgt Ion:216 Resp: 349865

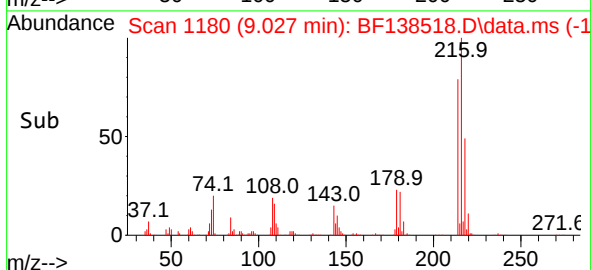
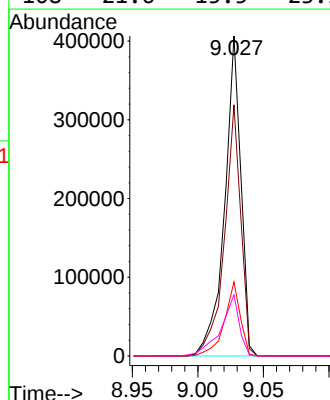
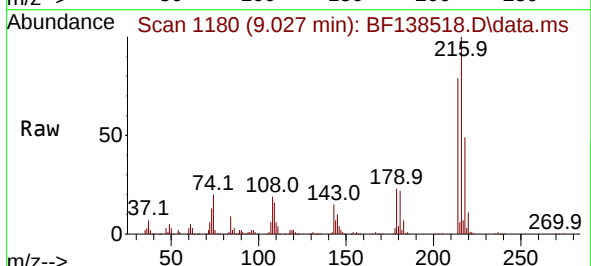
Ion Ratio Lower Upper

216 100

214 78.4 62.8 94.2

179 22.6 17.7 26.5

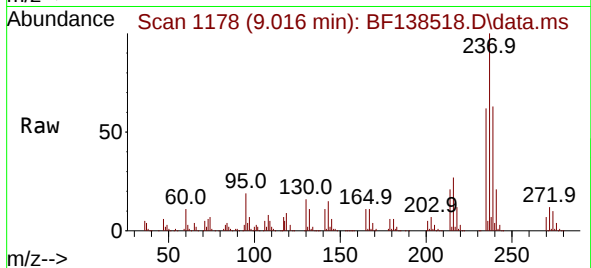
108 21.6 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 122.589 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

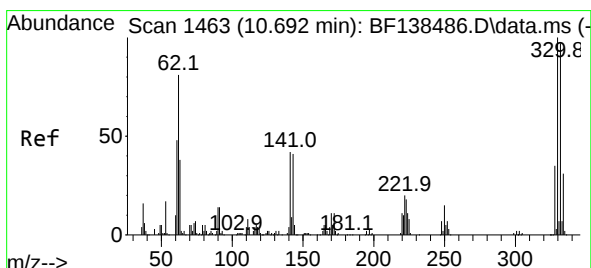
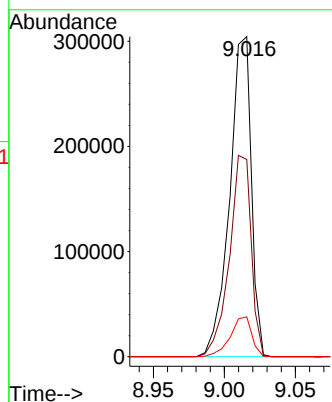
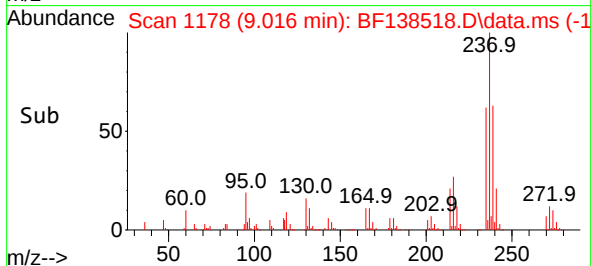
Instrument :
BNA_F
ClientSampleId :
PB161993BS



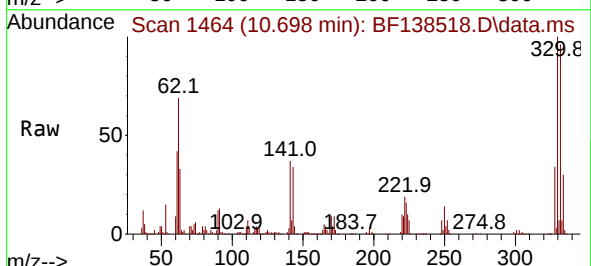
Tgt Ion: 237 Resp: 324390
Ion Ratio Lower Upper
237 100
235 61.7 43.3 83.3
272 12.4 0.0 32.3

Manual Integrations
APPROVED

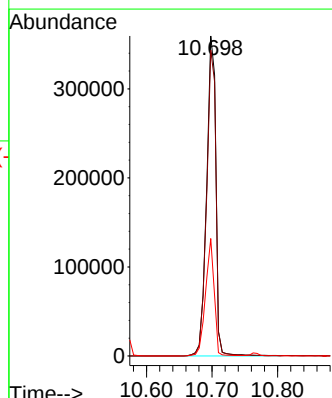
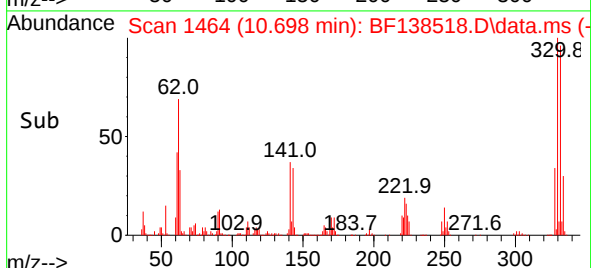
Reviewed By : Jagrut Upadhyay 07/12/2024
Supervised By : mohammad ahmed 07/13/2024

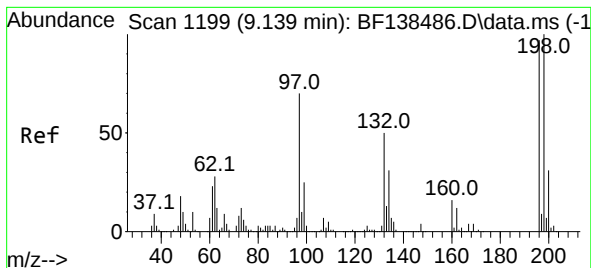


#42
2,4,6-Tribromophenol
Concen: 129.465 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



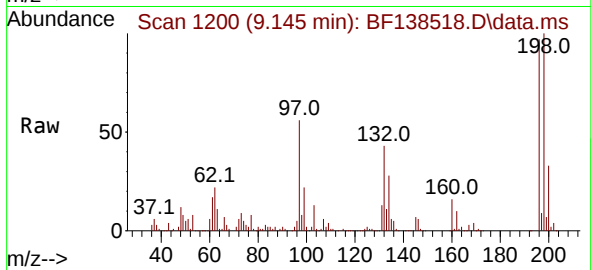
Tgt Ion: 330 Resp: 353941
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 34.6 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 45.076 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

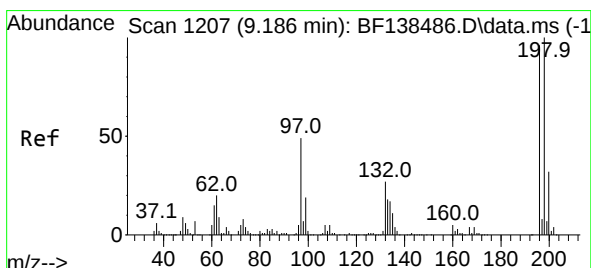
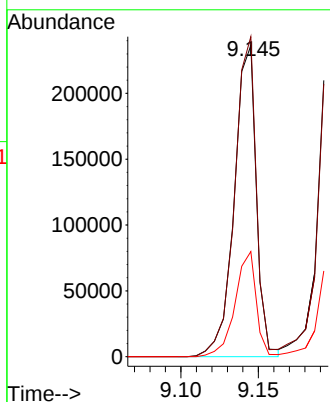
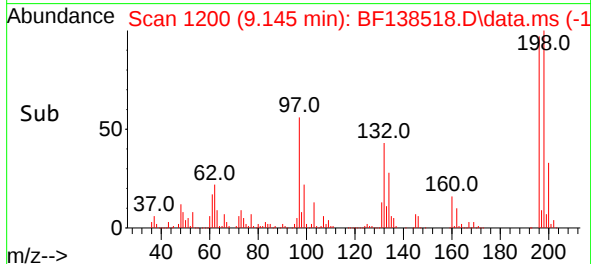
Instrument :
BNA_F
ClientSampleId :
PB161993BS



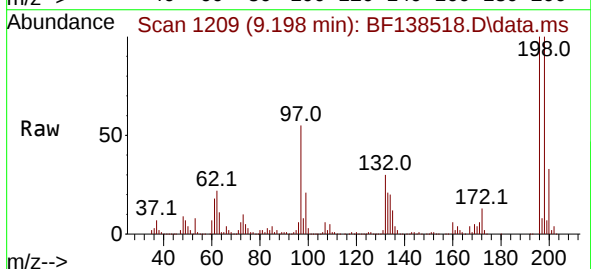
Tgt Ion:196 Resp: 234415
Ion Ratio Lower Upper
196 100
198 102.8 82.3 123.5
200 33.8 25.8 38.6

Manual Integrations
APPROVED

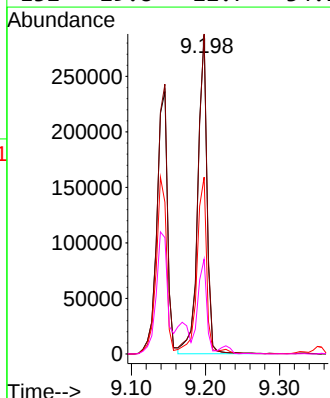
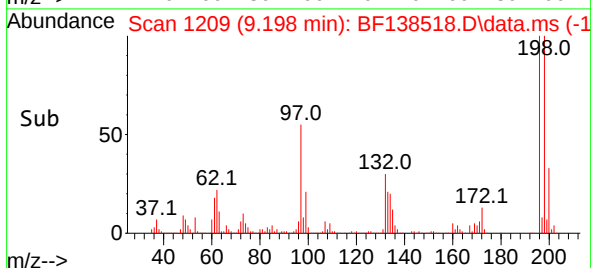
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

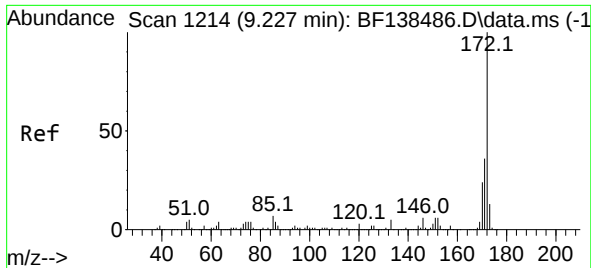


#44
2,4,5-Trichlorophenol
Concen: 43.184 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:196 Resp: 247006
Ion Ratio Lower Upper
196 100
198 100.4 82.8 124.2
97 55.5 41.0 61.4
132 29.8 22.7 34.1





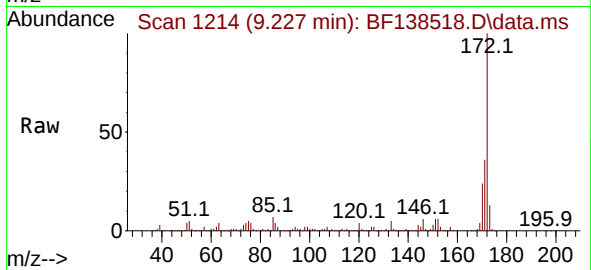
#45
2-Fluorobiphenyl
Concen: 81.714 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

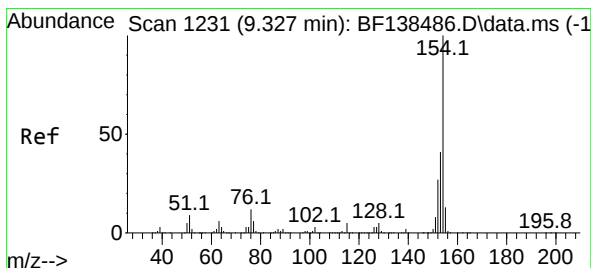
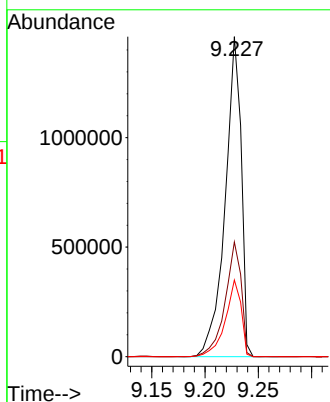
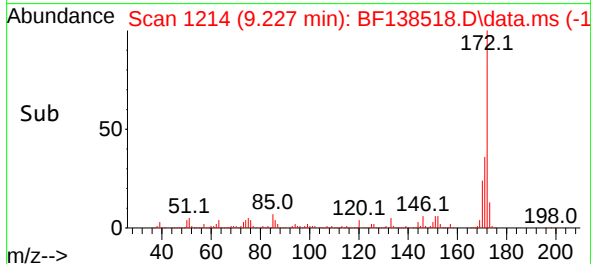


Tgt Ion:172 Resp: 1529380
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.0 18.9 28.3

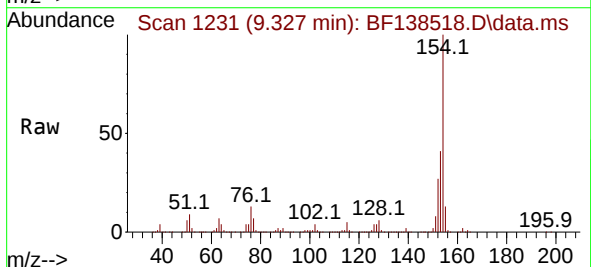
Manual Integrations

APPROVED

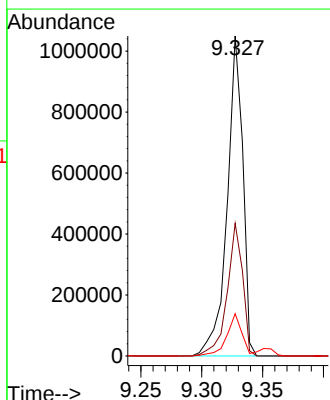
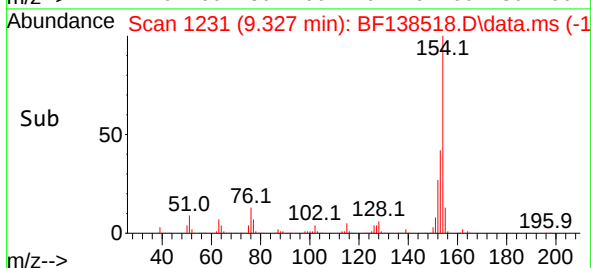
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

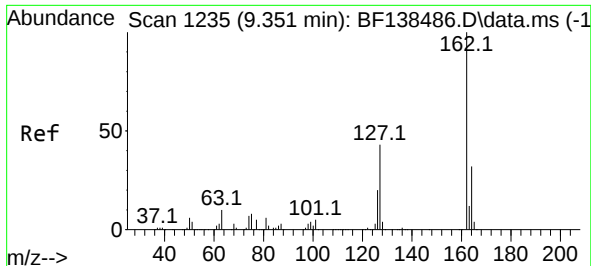


#46
1,1'-Biphenyl
Concen: 42.182 ng
RT: 9.327 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:154 Resp: 935097
Ion Ratio Lower Upper
154 100
153 41.4 20.7 60.7
76 13.2 0.0 32.2





#47

2-Chloronaphthalene

Concen: 42.634 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

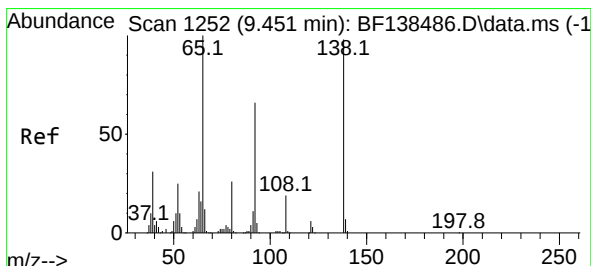
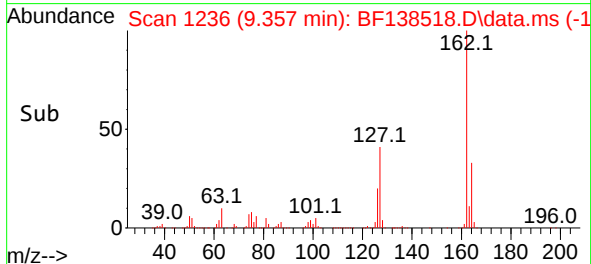
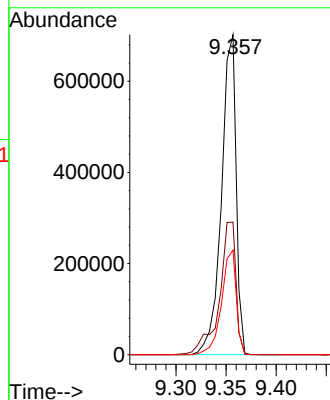
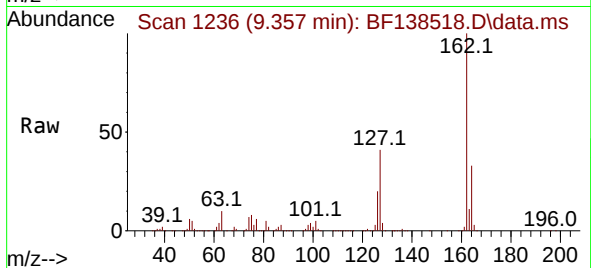
PB161993BS

Tgt Ion:162 Resp: 714008
 Ion Ratio Lower Upper
 162 100
 127 41.4 34.8 52.2
 164 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024



#48

2-Nitroaniline

Concen: 45.942 ng

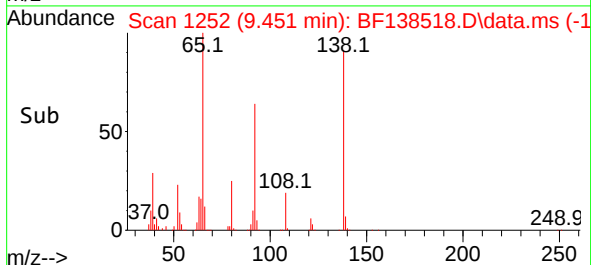
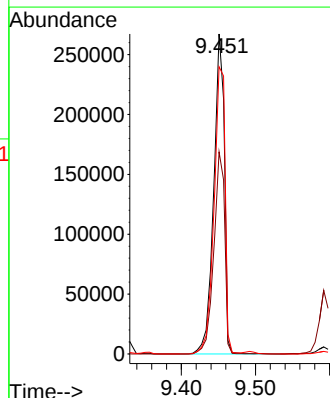
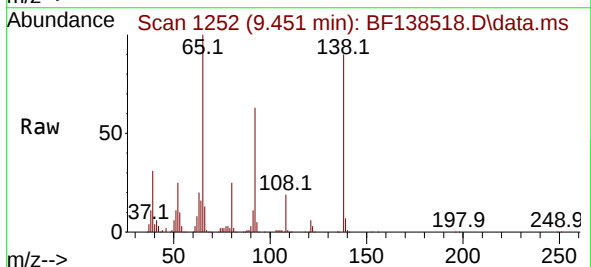
RT: 9.451 min Scan# 1252

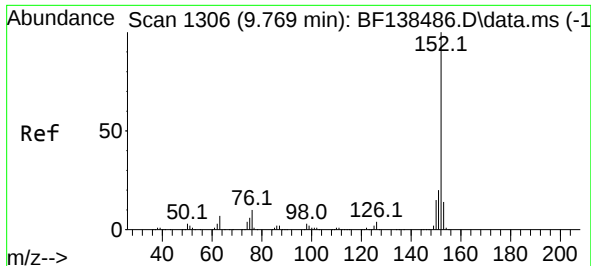
Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Tgt Ion: 65 Resp: 266622
 Ion Ratio Lower Upper
 65 100
 92 63.2 52.6 78.8
 138 89.8 78.6 118.0





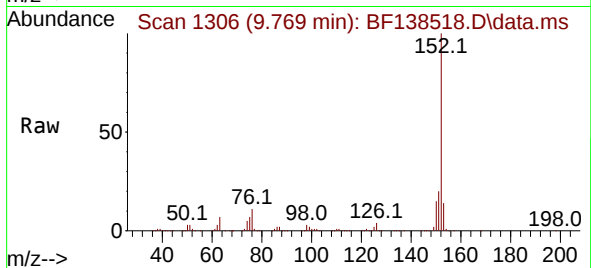
#49
Acenaphthylene
Concen: 46.419 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

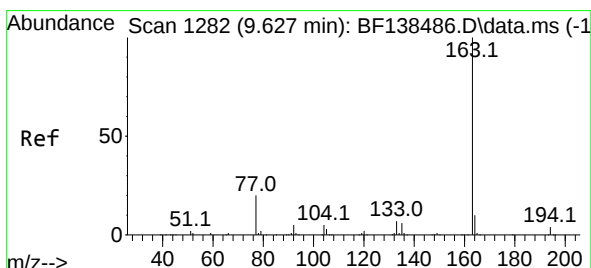
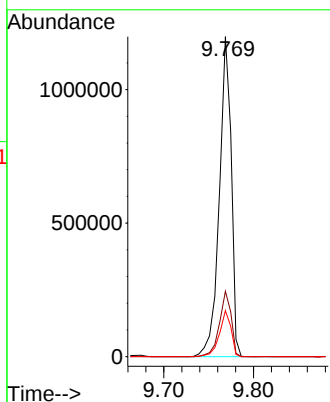
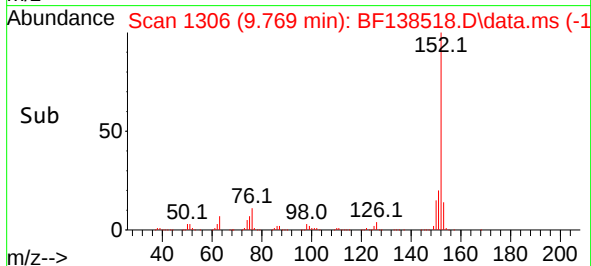


Tgt Ion:152 Resp: 110371
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.4 11.3 16.9

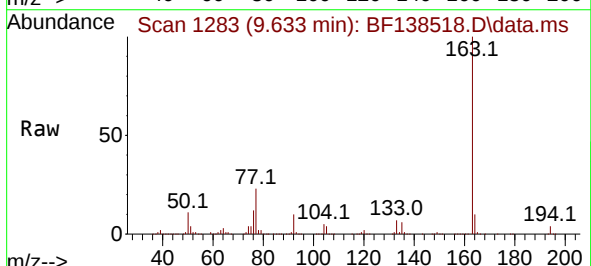
Manual Integrations

APPROVED

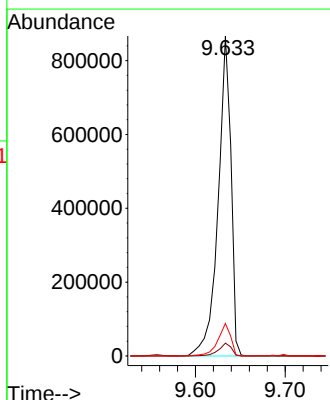
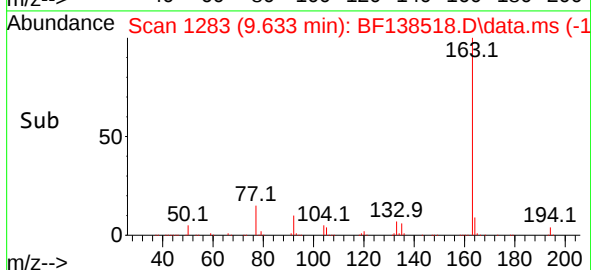
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

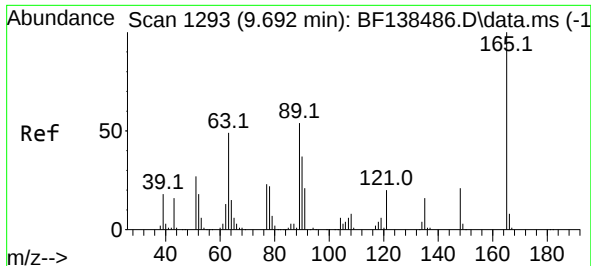


#50
Dimethylphthalate
Concen: 45.406 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:163 Resp: 858844
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.729 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

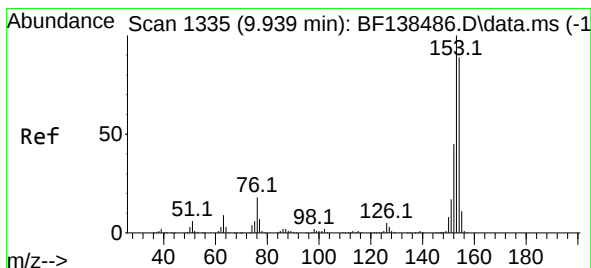
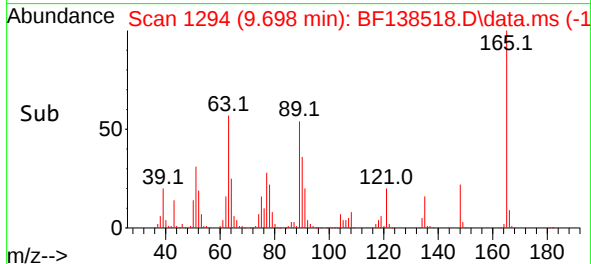
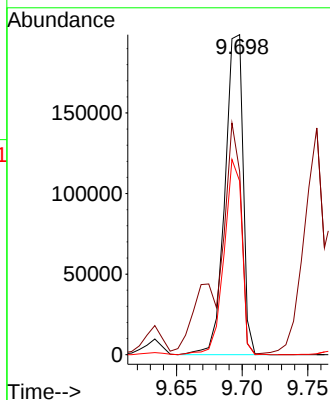
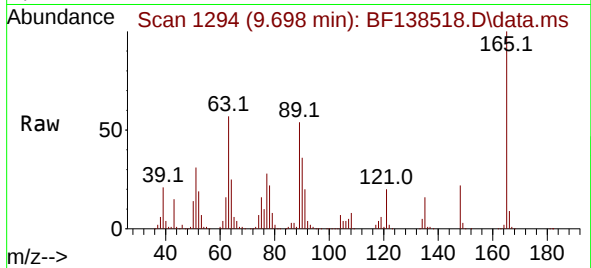
ClientSampleId :

PB161993BS

Tgt Ion:165 Resp: 190449
Ion Ratio Lower Upper
165 100
63 57.2 48.1 72.1
89 54.2 43.0 64.6

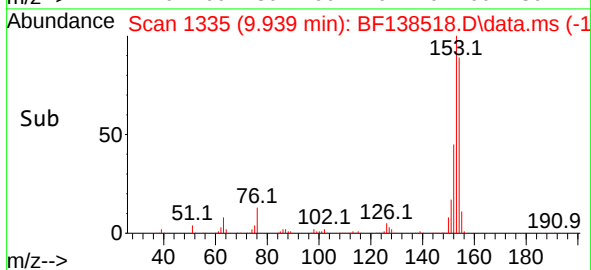
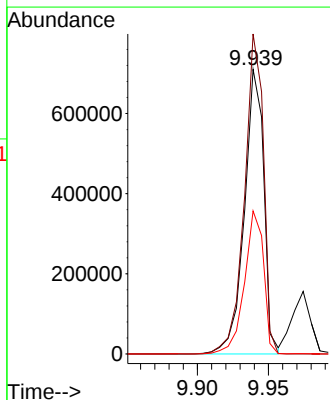
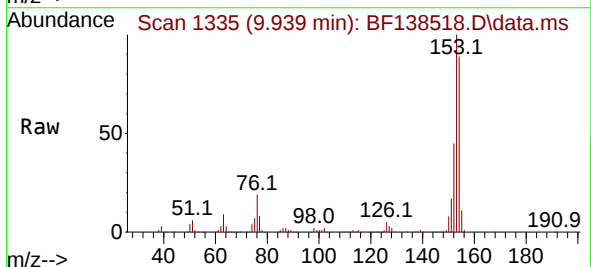
Manual Integrations
APPROVED

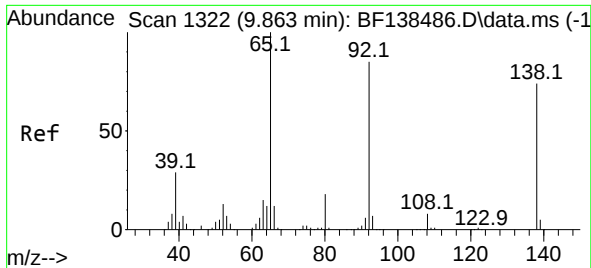
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#52
Acenaphthene
Concen: 42.558 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:154 Resp: 672647
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 50.3 41.1 61.7





#53
3-Nitroaniline
Concen: 29.743 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

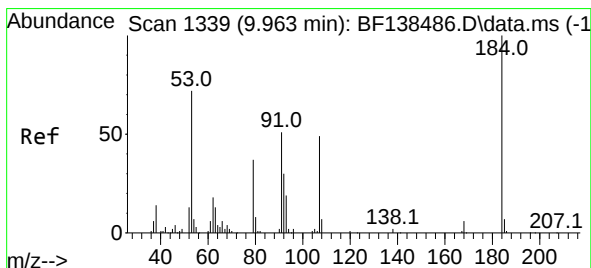
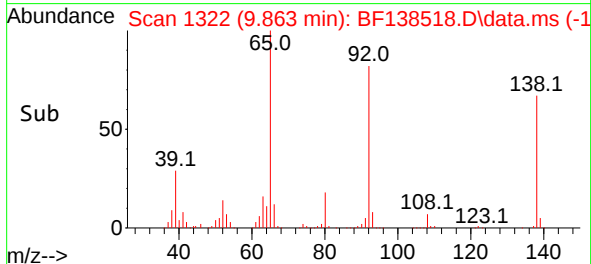
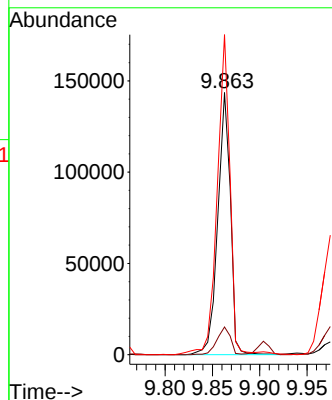
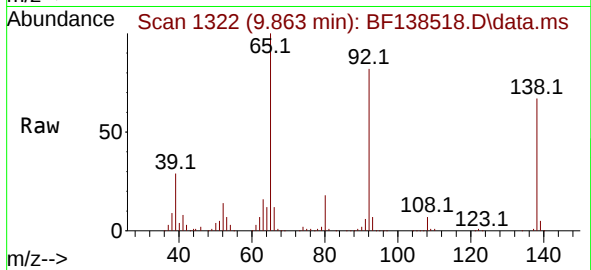
ClientSampleId :

PB161993BS

Tgt Ion:138 Resp: 132762
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 122.1 92.6 138.8

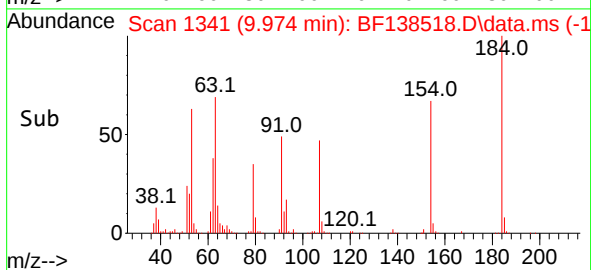
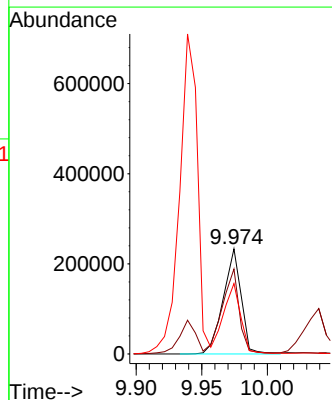
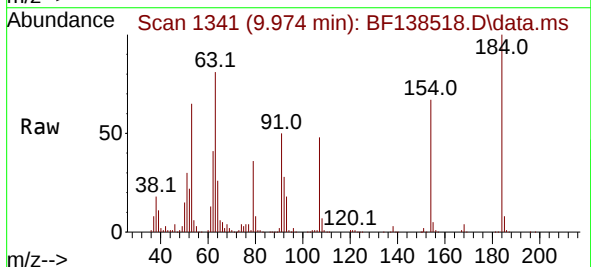
Manual Integrations
APPROVED

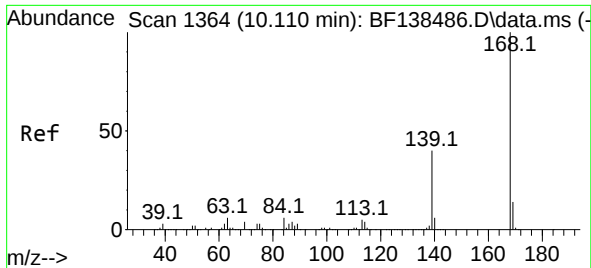
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#54
2,4-Dinitrophenol
Concen: 94.429 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

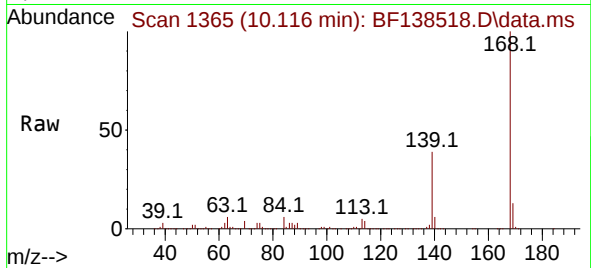
Tgt Ion:184 Resp: 222801
Ion Ratio Lower Upper
184 100
63 80.8 70.6 106.0
154 67.0 53.8 80.6





#55
Dibenzenofuran
Concen: 42.987 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

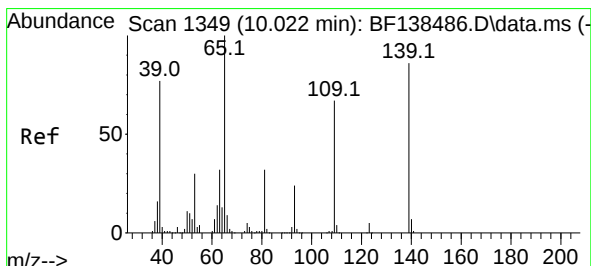
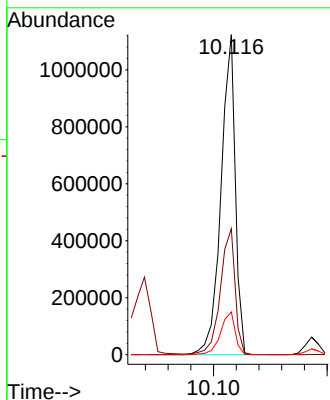
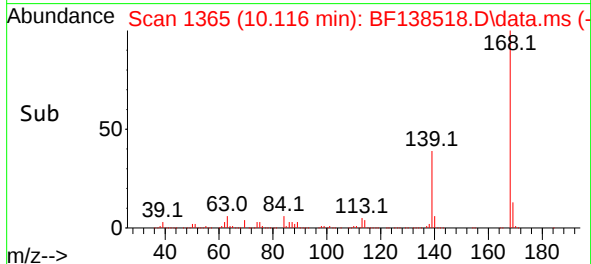
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion:168 Resp: 985460
Ion Ratio Lower Upper
168 100
139 39.4 32.4 48.6
169 13.4 10.9 16.3

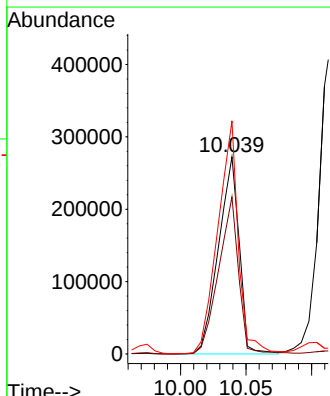
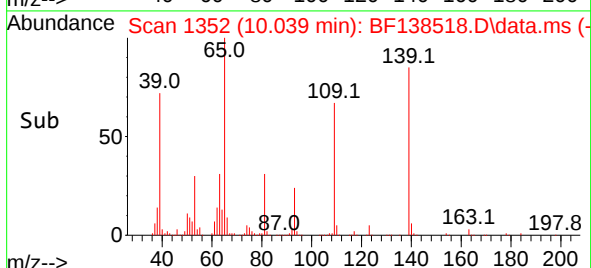
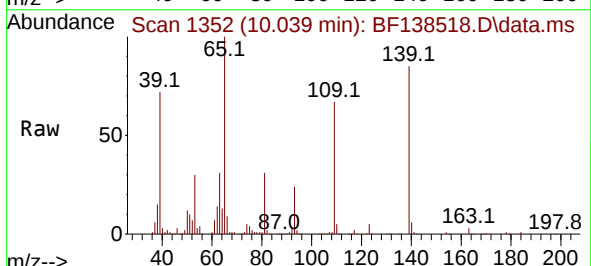
Manual Integrations
APPROVED

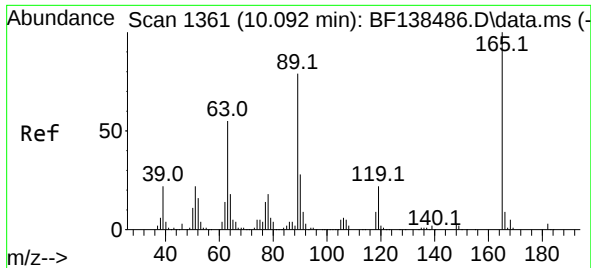
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#56
4-Nitrophenol
Concen: 90.734 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:139 Resp: 298837
Ion Ratio Lower Upper
139 100
109 79.7 58.1 98.1
65 118.3 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 45.914 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

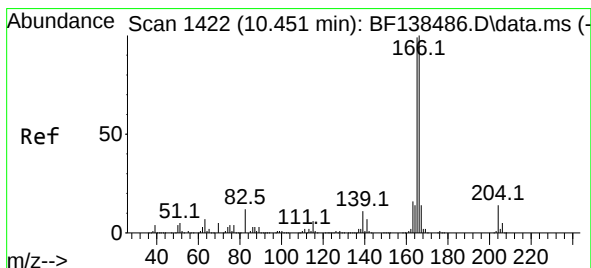
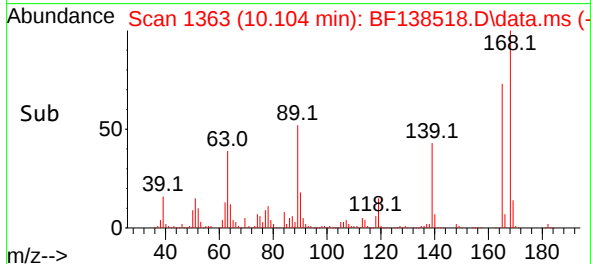
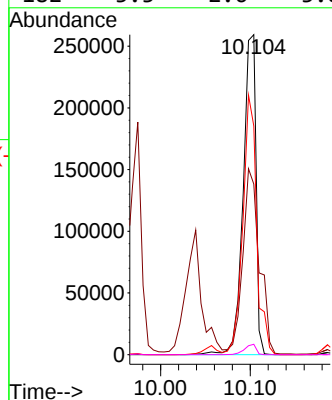
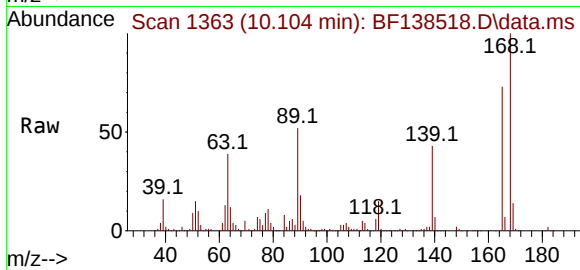
PB161993BS

Tgt Ion:165 Resp: 258720
Ion Ratio Lower Upper
165 100
63 53.3 44.6 66.8
89 71.5 63.4 95.2
182 3.3 2.6 3.8

Manual Integrations

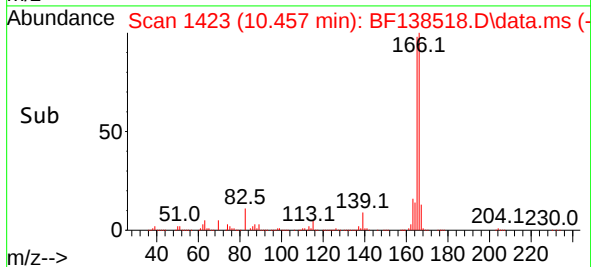
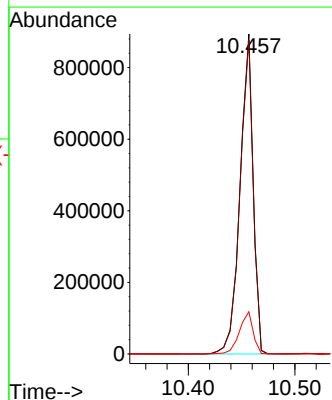
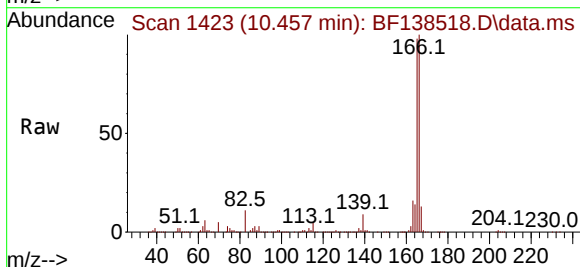
APPROVED

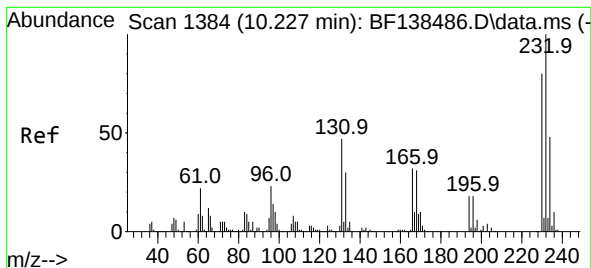
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#58
Fluorene
Concen: 42.426 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:166 Resp: 769582
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.325 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

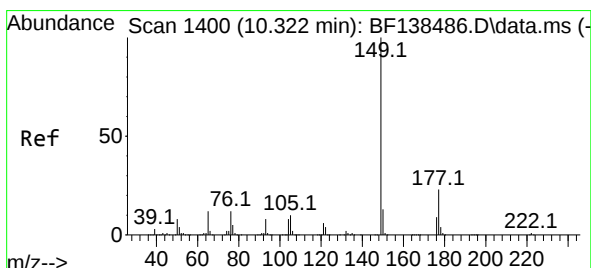
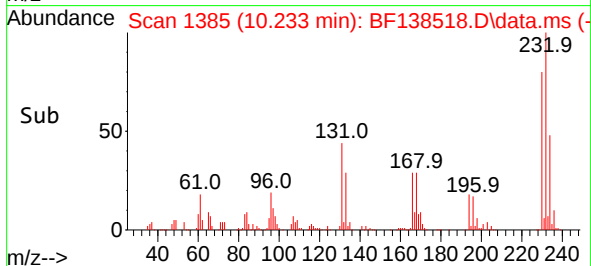
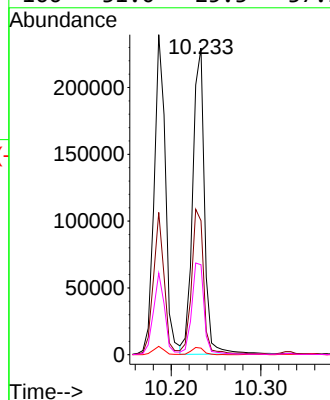
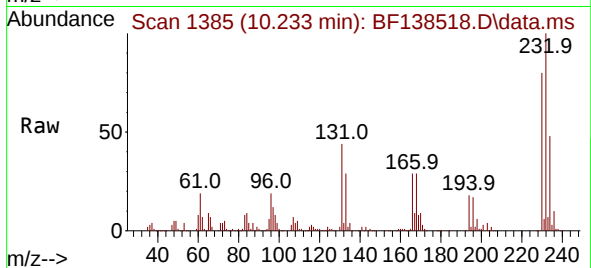
PB161993BS

Tgt Ion:232 Resp: 209118
Ion Ratio Lower Upper
232 100
131 47.7 37.5 56.3
130 2.5 2.0 3.0
166 31.0 25.3 37.9

Manual Integrations

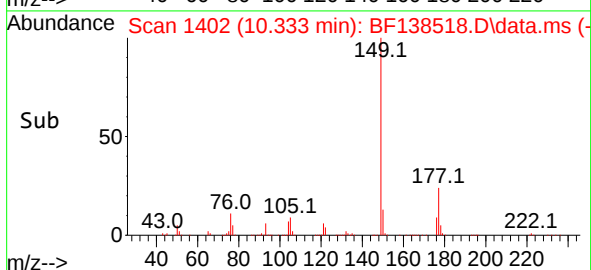
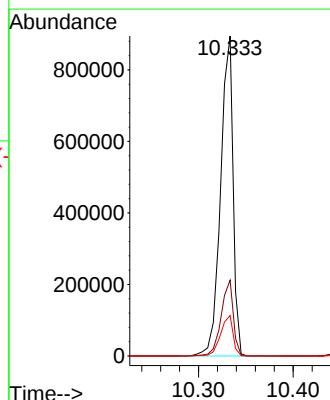
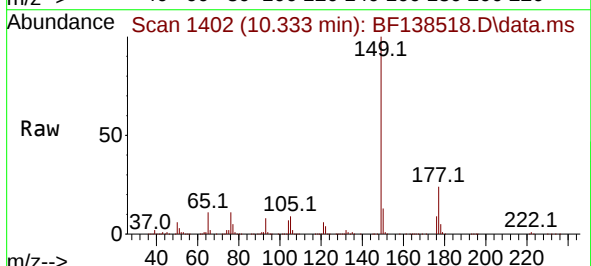
APPROVED

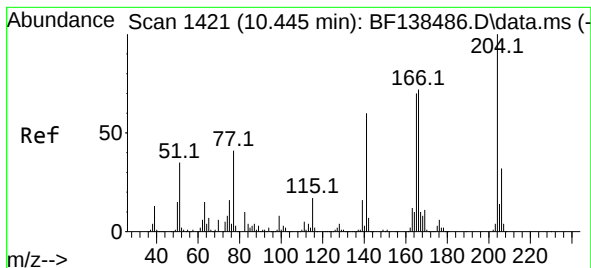
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#60
Diethylphthalate
Concen: 45.010 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

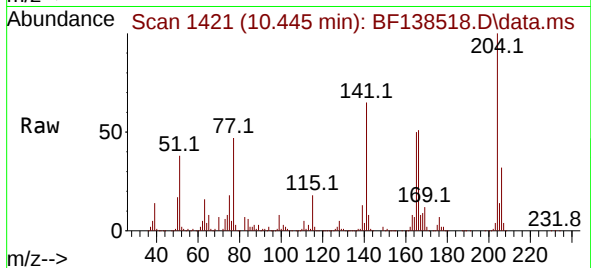
Tgt Ion:149 Resp: 820738
Ion Ratio Lower Upper
149 100
177 23.7 18.5 27.7
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 41.699 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

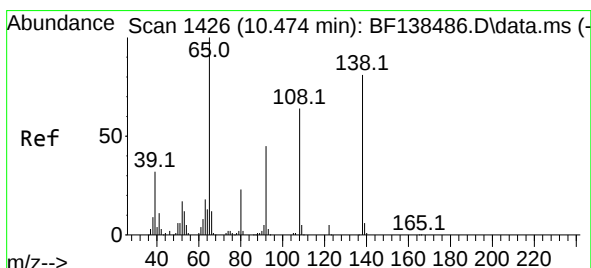
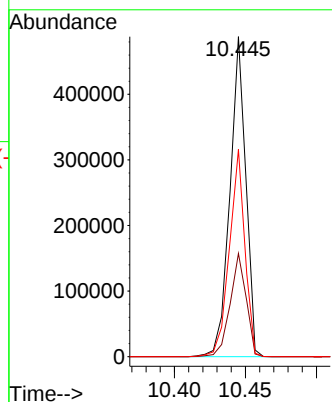
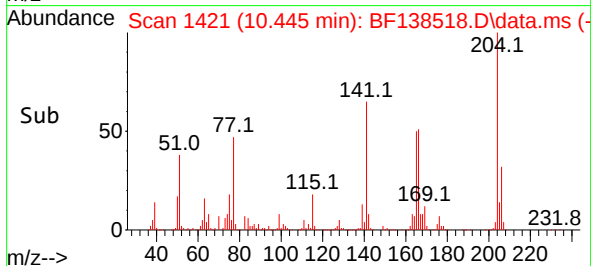
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion:204 Resp: 37981
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 64.8 47.7 71.5

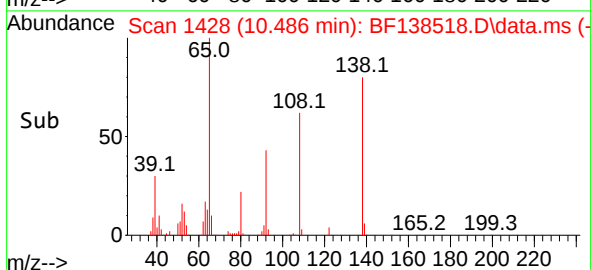
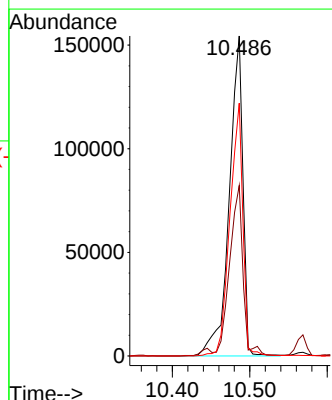
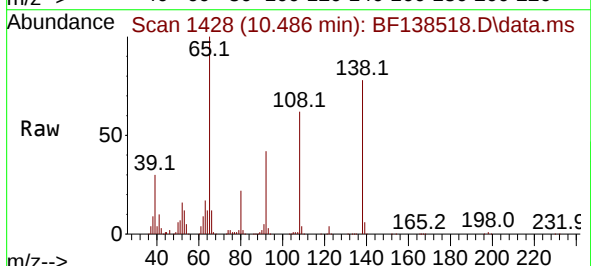
Manual Integrations
APPROVED

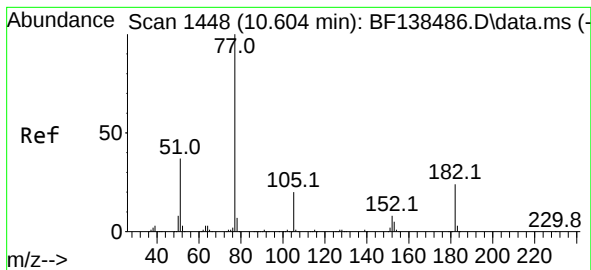
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#62
4-Nitroaniline
Concen: 42.357 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

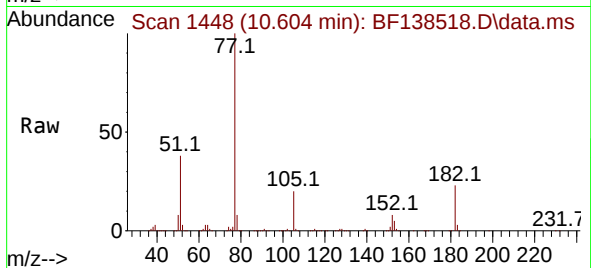
Tgt Ion:138 Resp: 189458
Ion Ratio Lower Upper
138 100
92 53.3 35.8 75.8
108 79.0 59.8 99.8





#63
Azobenzene
Concen: 44.007 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

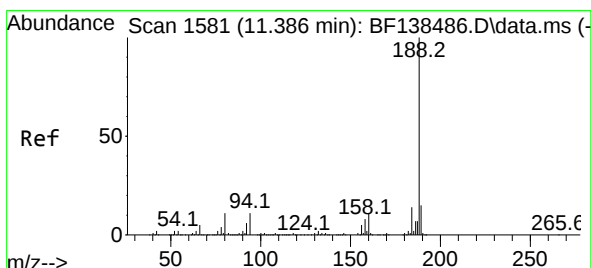
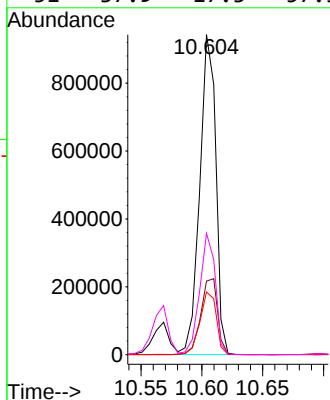
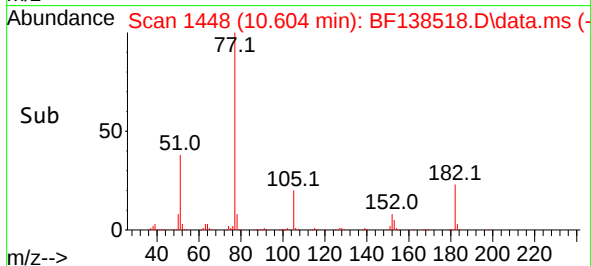
Instrument :
BNA_F
ClientSampleId :
PB161993BS



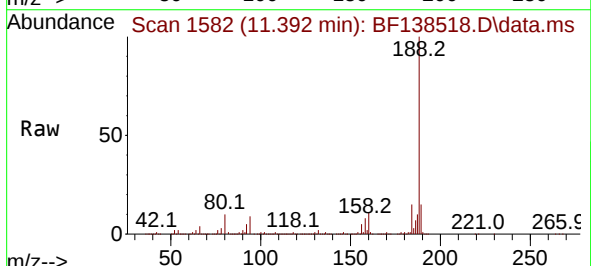
Tgt Ion: 77 Resp: 862754
Ion Ratio Lower Upper
77 100
182 23.0 3.8 43.8
105 19.6 0.0 39.8
51 37.9 17.3 57.3

Manual Integrations
APPROVED

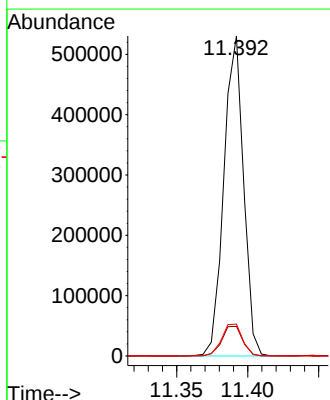
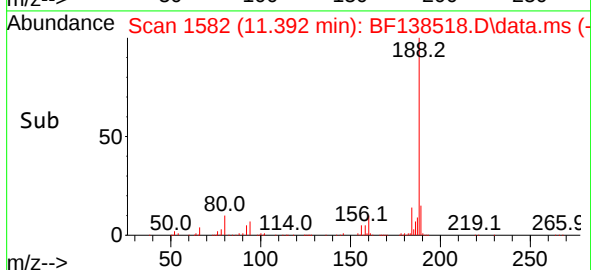
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

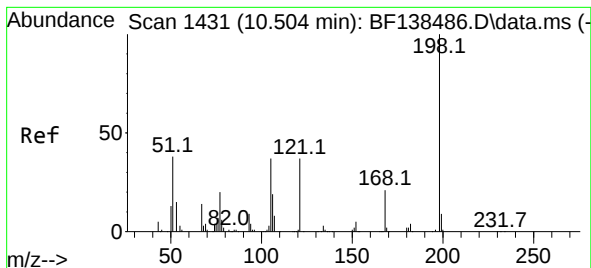


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



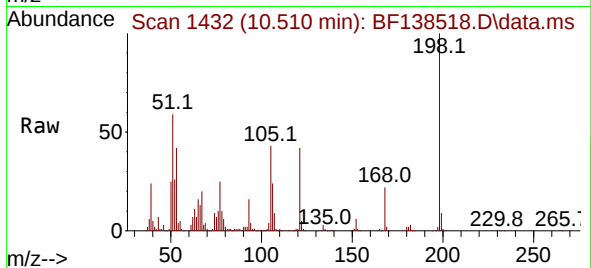
Tgt Ion:188 Resp: 509310
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 10.0 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.885 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

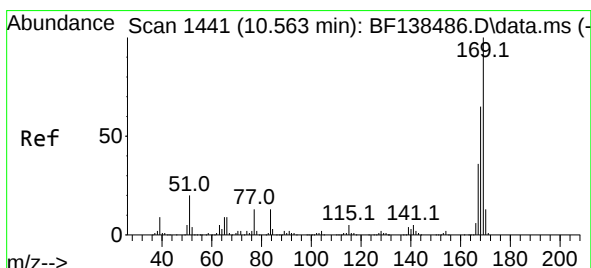
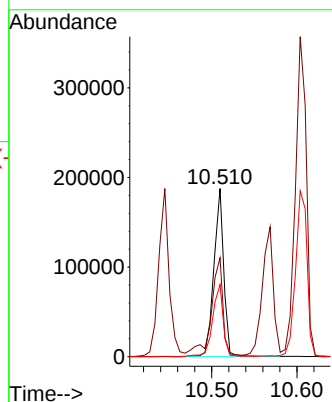
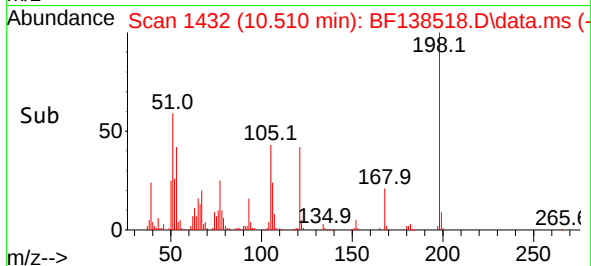
Instrument :
BNA_F
ClientSampleId :
PB161993BS



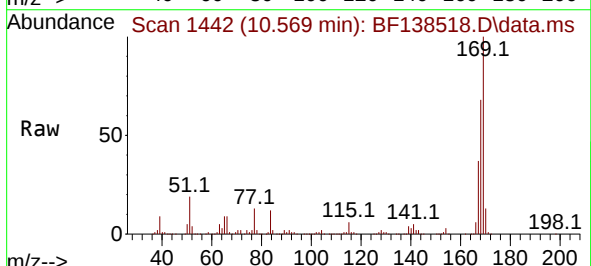
Tgt Ion:198 Resp: 15258
Ion Ratio Lower Upper
198 100
51 58.8 27.2 67.2
105 42.9 18.5 58.5

Manual Integrations
APPROVED

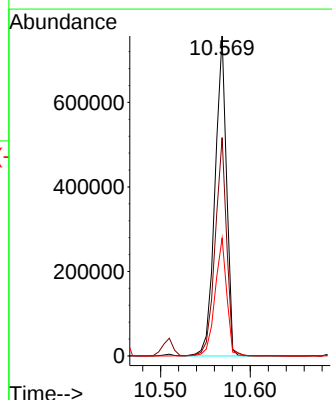
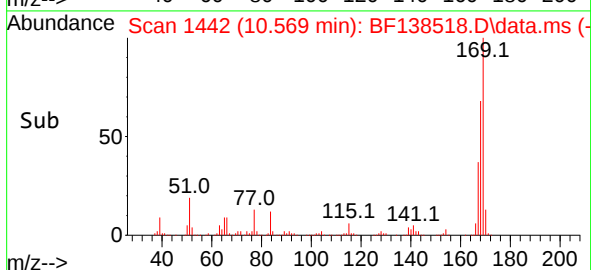
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

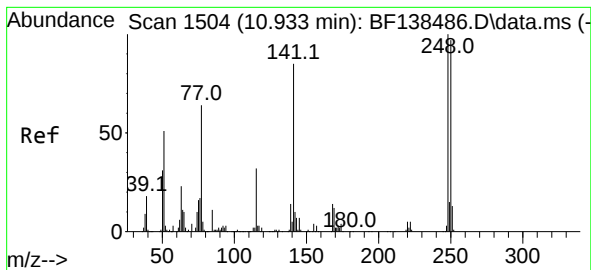


#66
n-Nitrosodiphenylamine
Concen: 44.319 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



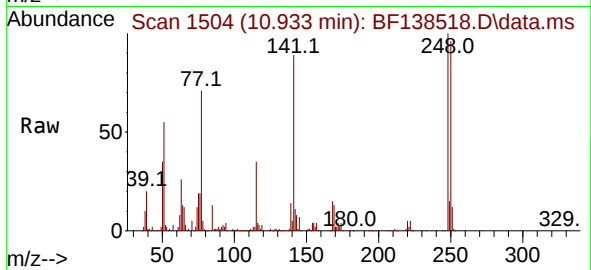
Tgt Ion:169 Resp: 676281
Ion Ratio Lower Upper
169 100
168 68.3 51.7 77.5
167 36.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 44.684 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

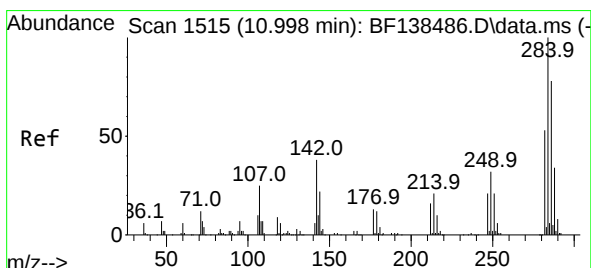
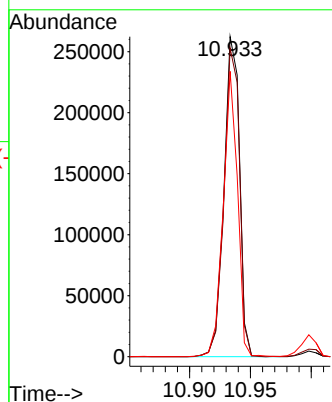
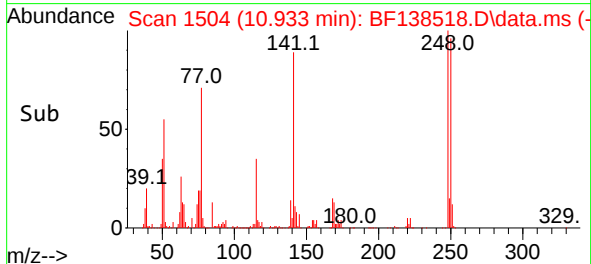
Instrument :
BNA_F
ClientSampleId :
PB161993BS



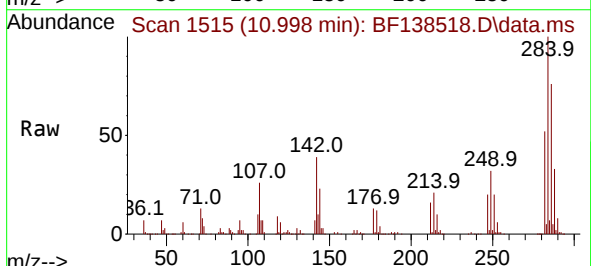
Tgt Ion:248 Resp: 23391
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 89.1 67.7 101.5

Manual Integrations
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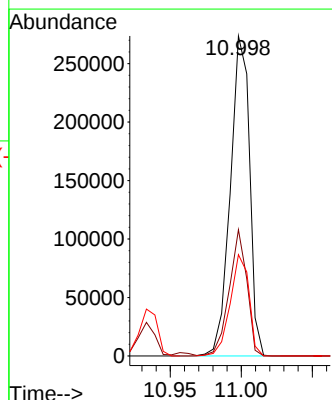
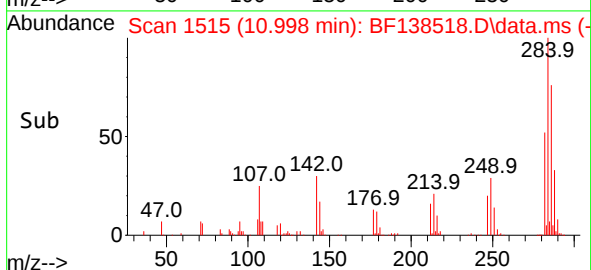
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#68
Hexachlorobenzene
Concen: 44.372 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:284 Resp: 258044
Ion Ratio Lower Upper
284 100
142 39.4 30.5 45.7
249 31.7 25.9 38.9





#69

Atrazine

Concen: 40.519 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

Tgt Ion:200 Resp: 204989

Ion Ratio Lower Upper

200 100

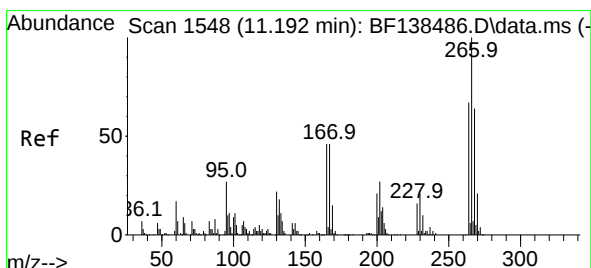
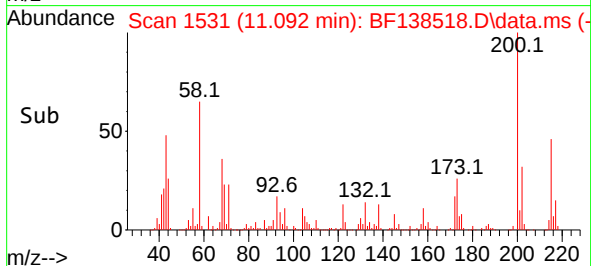
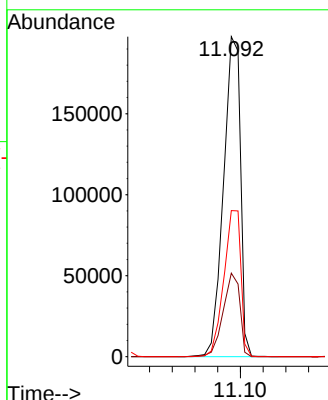
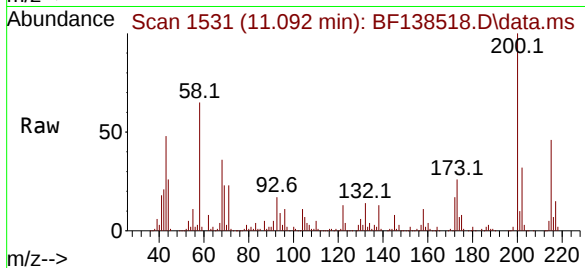
173 26.1 4.1 44.1

215 45.7 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#70

Pentachlorophenol

Concen: 88.828 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

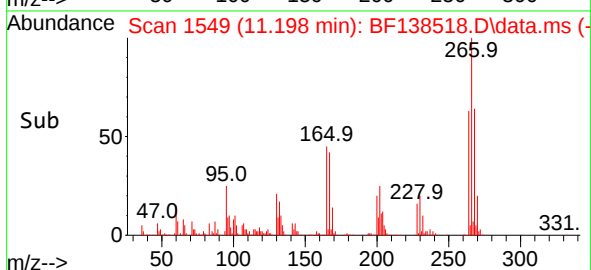
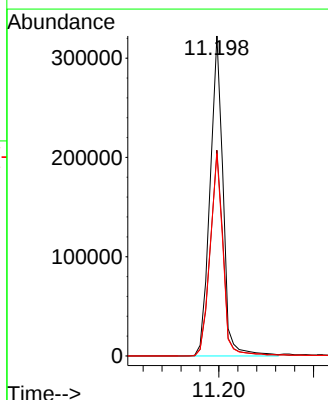
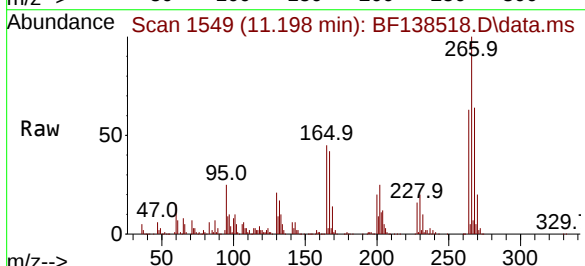
Tgt Ion:266 Resp: 305670

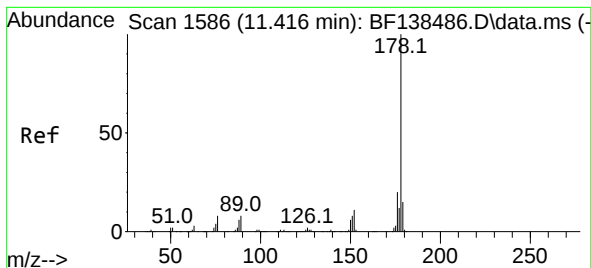
Ion Ratio Lower Upper

266 100

268 64.3 50.9 76.3

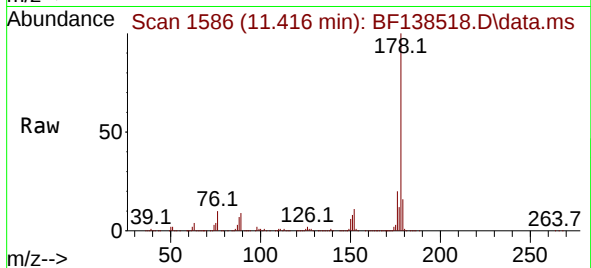
264 63.2 53.5 80.3





#71
Phenanthrene
Concen: 44.595 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

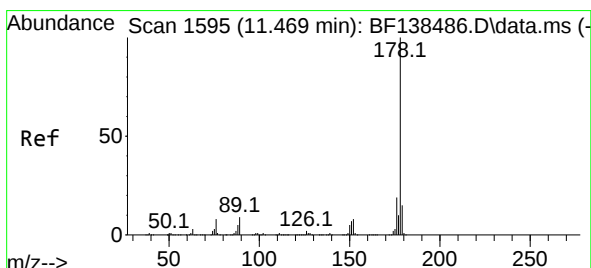
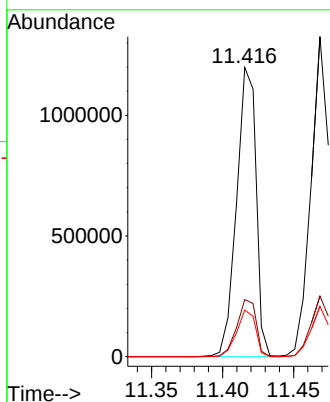
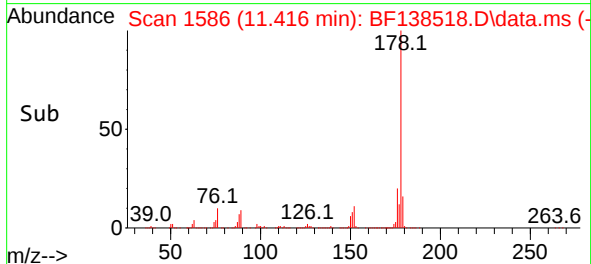
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion:178 Resp: 1147458
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 16.1 12.2 18.2

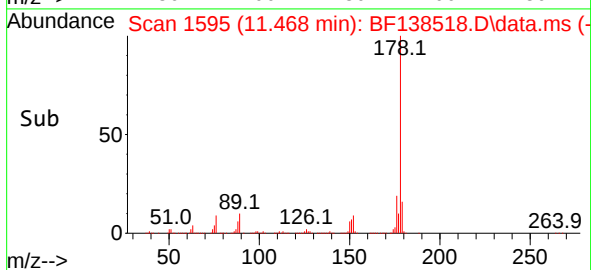
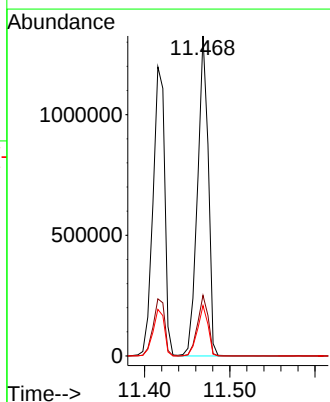
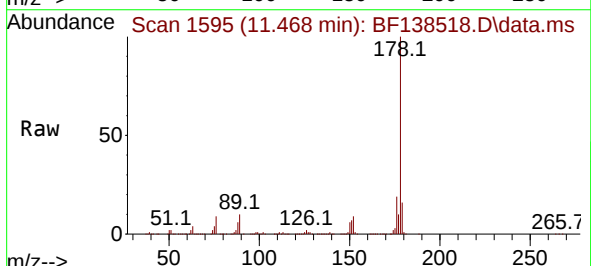
Manual Integrations
APPROVED

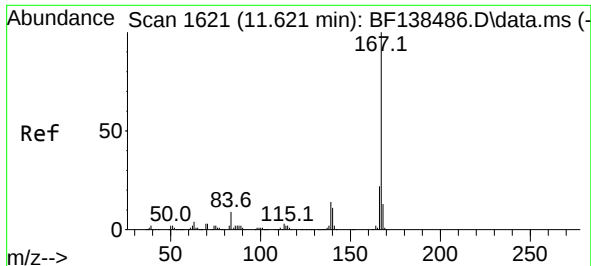
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#72
Anthracene
Concen: 45.365 ng
RT: 11.468 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

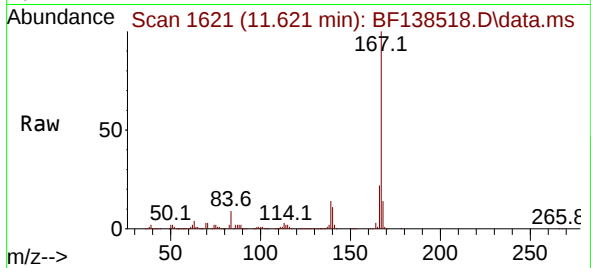
Tgt Ion:178 Resp: 1158721
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 43.666 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF138518.D
 Acq: 11 Jul 2024 12:27

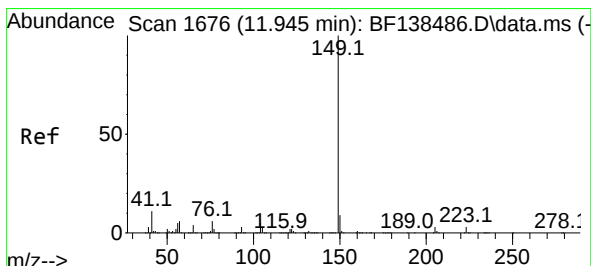
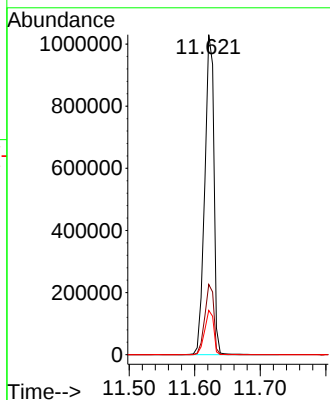
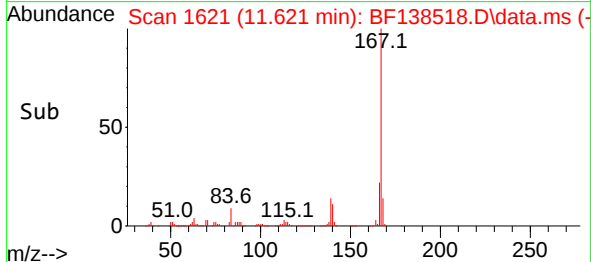
Instrument :
 BNA_F
 ClientSampleId :
 PB161993BS



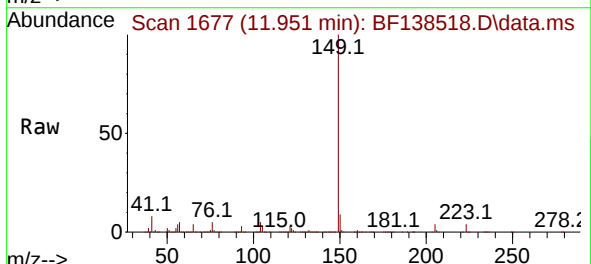
Tgt Ion:167 Resp: 100230
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

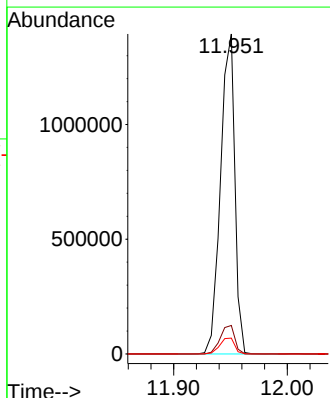
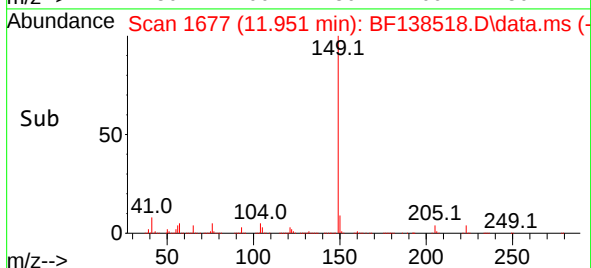
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

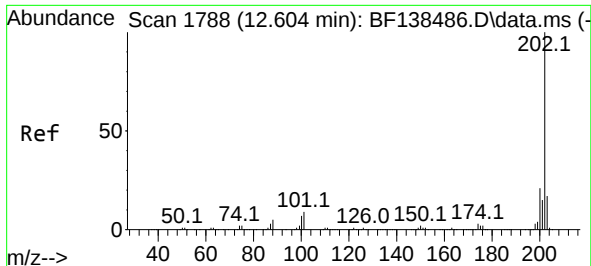


#74
 Di-n-butylphthalate
 Concen: 46.179 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. 0.006 min
 Lab File: BF138518.D
 Acq: 11 Jul 2024 12:27



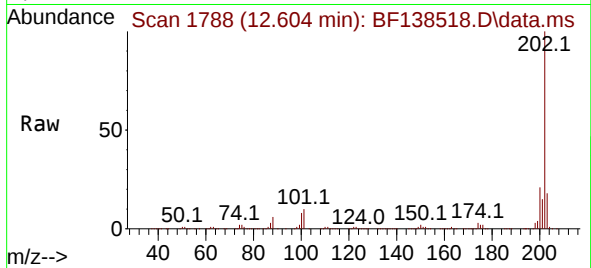
Tgt Ion:149 Resp: 1221805
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 43.656 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

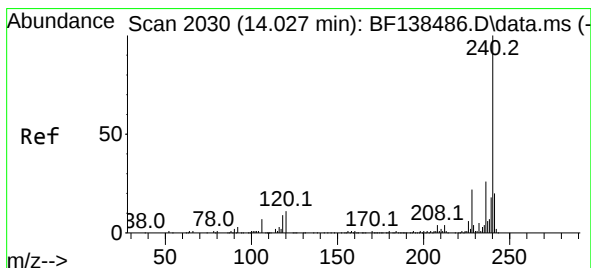
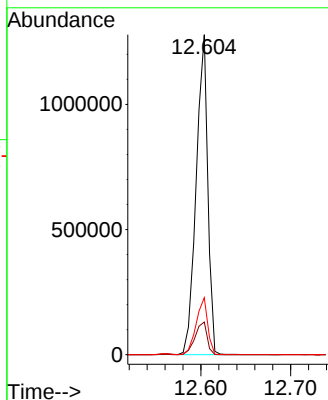
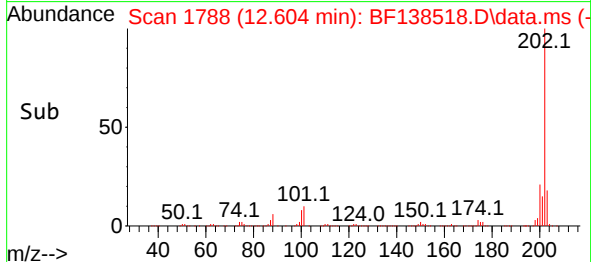
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion:202 Resp: 1146220
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.2
203 17.8 0.0 37.3

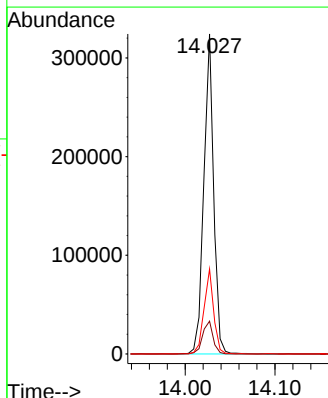
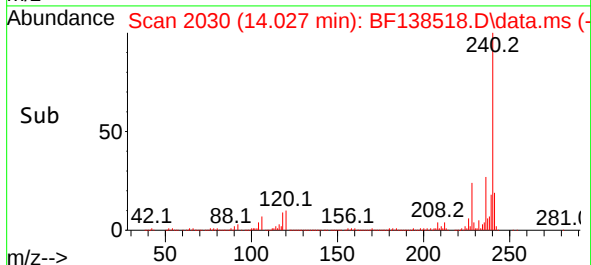
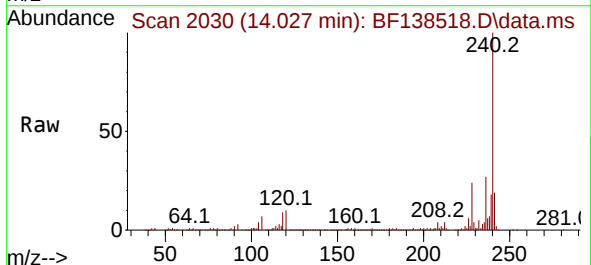
Manual Integrations
APPROVED

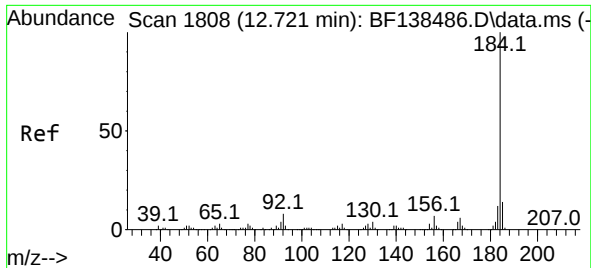
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

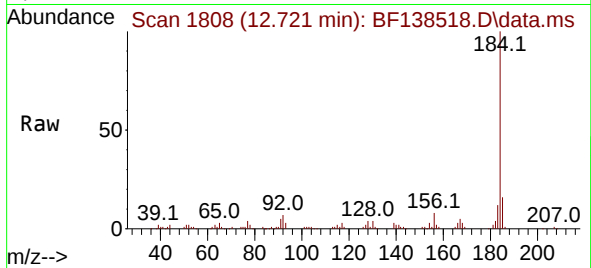
Tgt Ion:240 Resp: 246232
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.6 21.0 31.6





#77
Benzidine
Concen: 8.407 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

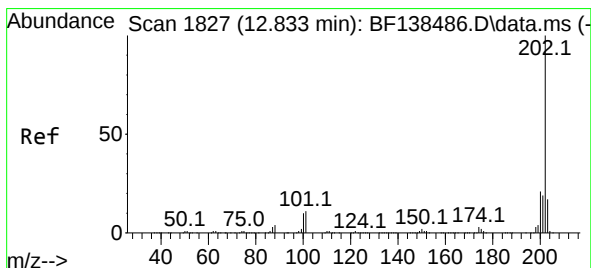
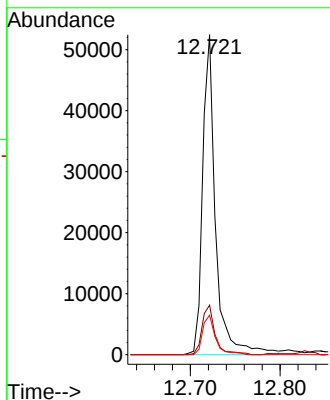
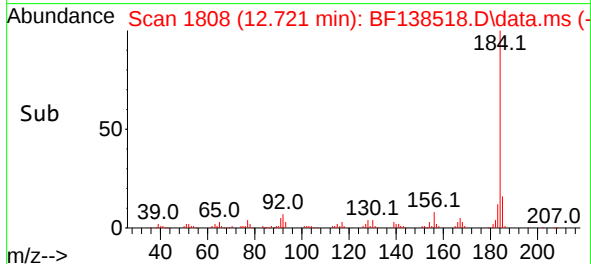
Instrument :
BNA_F
ClientSampleId :
PB161993BS



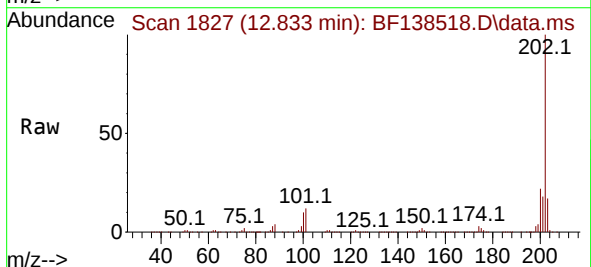
Tgt Ion:184 Resp: 52230
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 12.4 9.5 14.3

Manual Integrations
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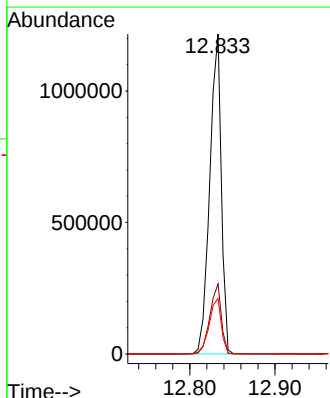
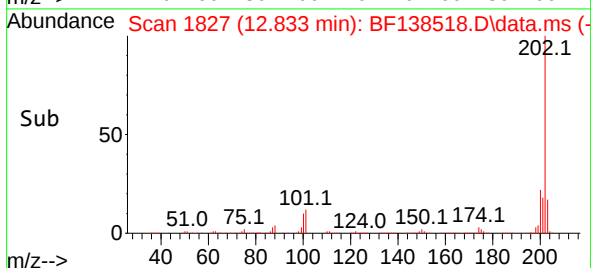
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

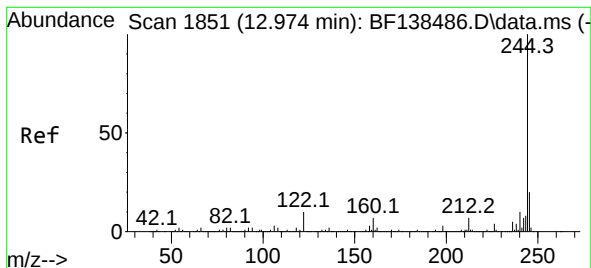


#78
Pyrene
Concen: 45.842 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:202 Resp: 1145873
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 103.258 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF138518.D

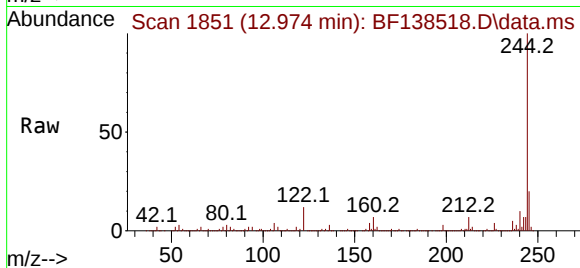
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS



Tgt Ion:244 Resp: 1560689

Ion Ratio Lower Upper

244 100

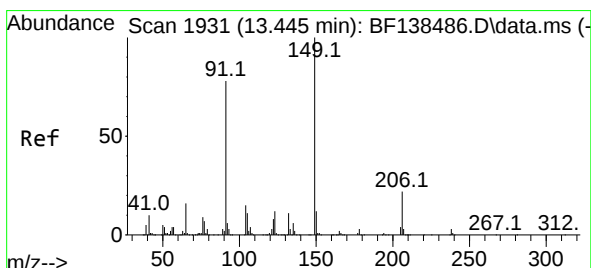
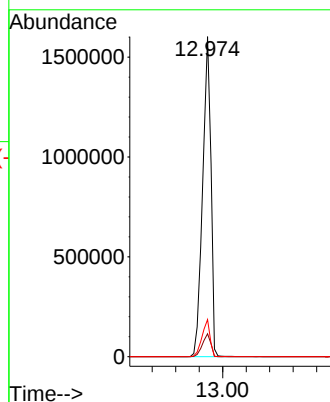
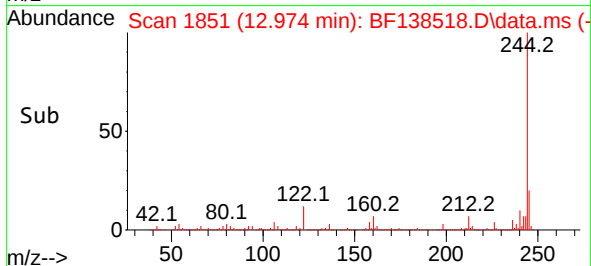
212 7.2 5.5 8.3

122 11.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#80

Butylbenzylphthalate

Concen: 51.609 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

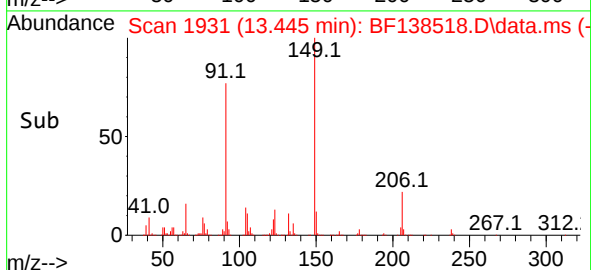
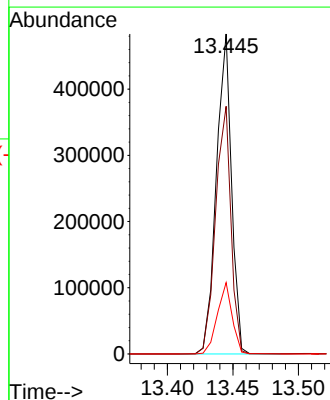
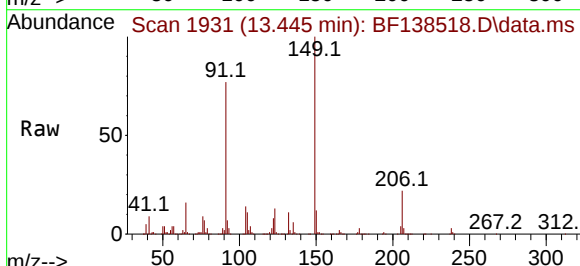
Tgt Ion:149 Resp: 388062

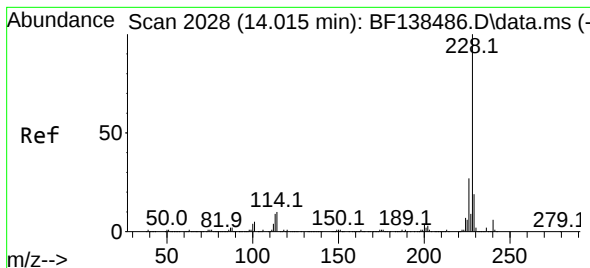
Ion Ratio Lower Upper

149 100

91 77.4 62.1 93.1

206 22.3 18.0 27.0





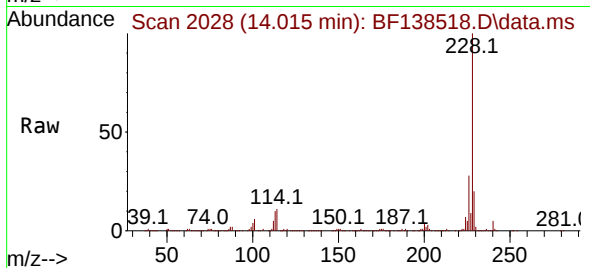
#81
Benzo(a)anthracene
Concen: 45.387 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

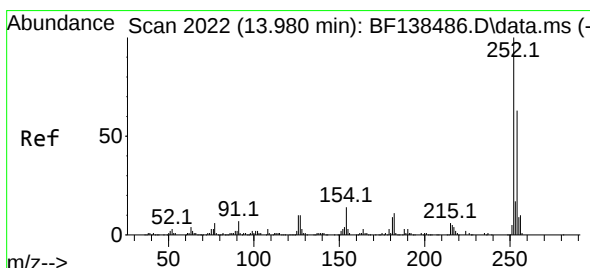
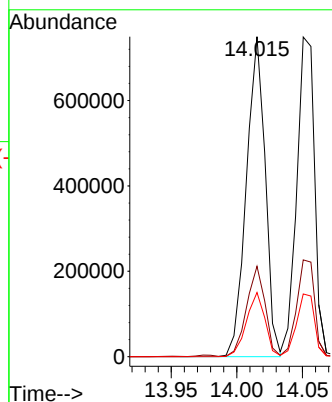
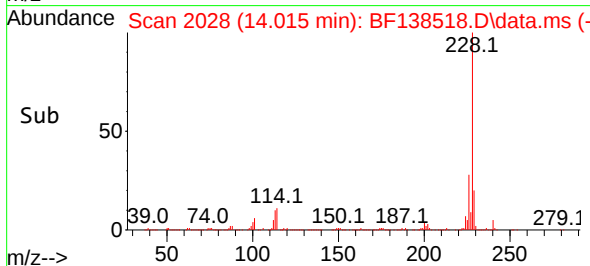


Tgt Ion:228 Resp: 74989
Ion Ratio Lower Upper
228 100
226 28.2 21.9 32.9
229 20.1 15.5 23.3

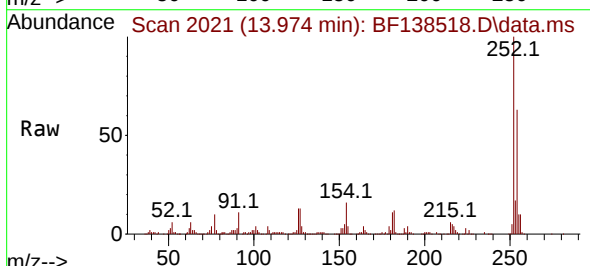
Manual Integrations

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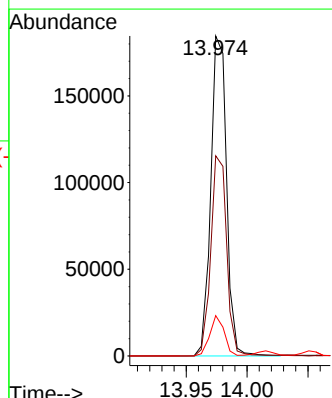
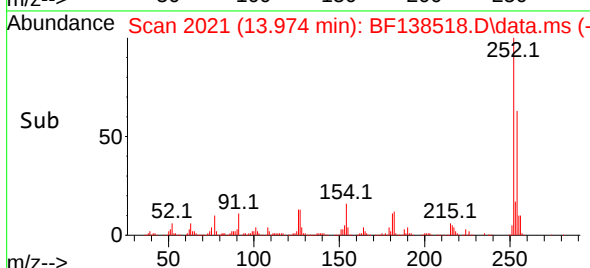
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

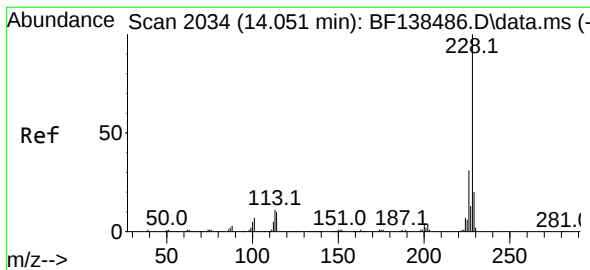


#82
3,3'-Dichlorobenzidine
Concen: 39.087 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:252 Resp: 166409
Ion Ratio Lower Upper
252 100
254 62.6 50.3 75.5
126 12.6 8.1 12.1#





#83

Chrysene

Concen: 45.421 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138518.D

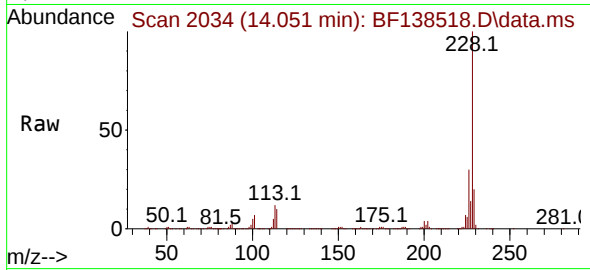
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS



Tgt Ion:228 Resp: 70993

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

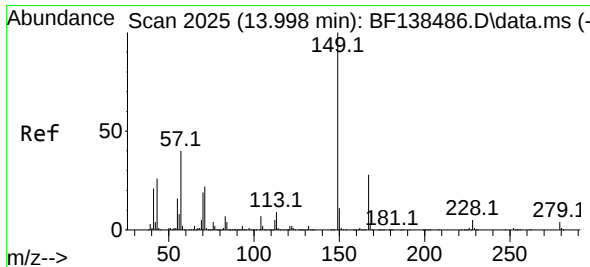
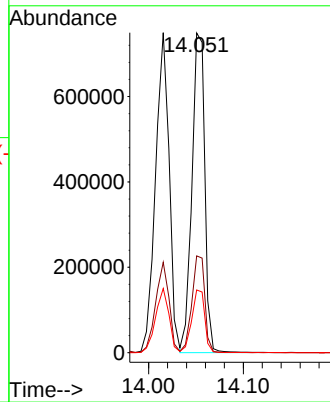
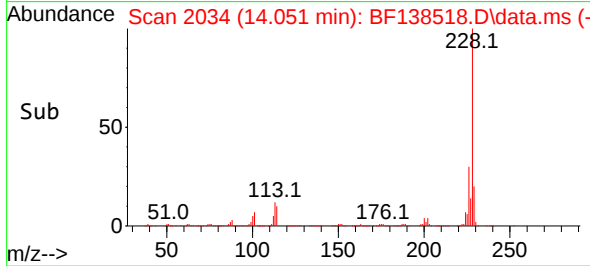
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.292 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

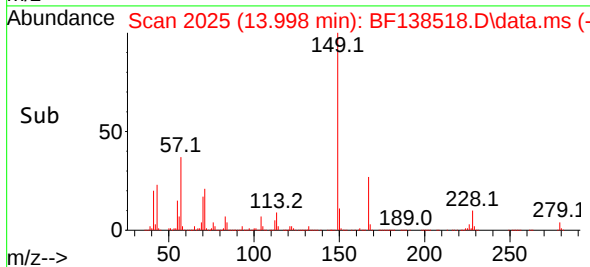
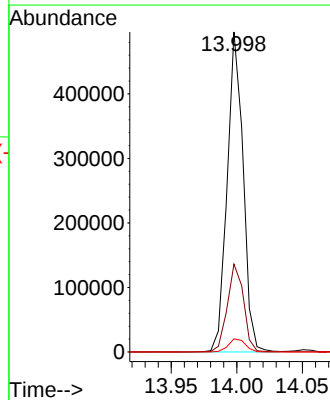
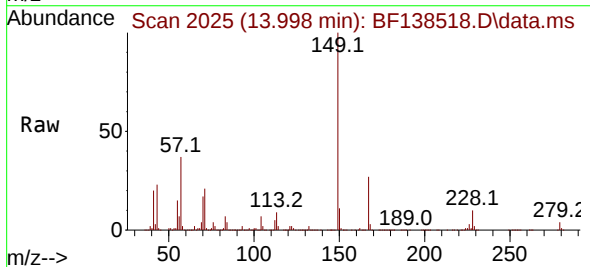
Tgt Ion:149 Resp: 419349

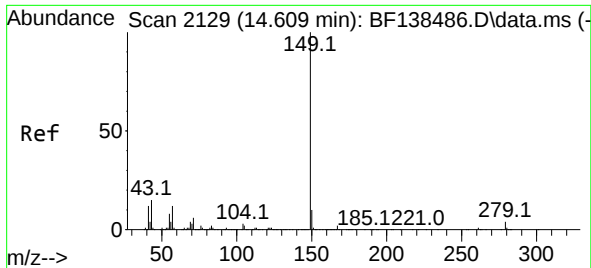
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

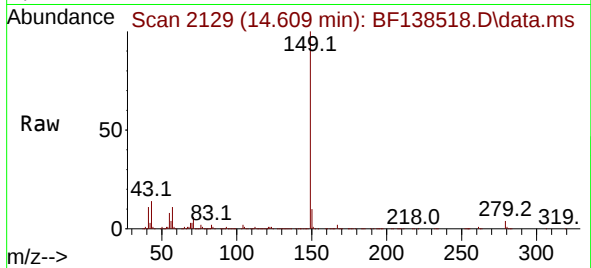
279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 51.686 ng
RT: 14.609 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

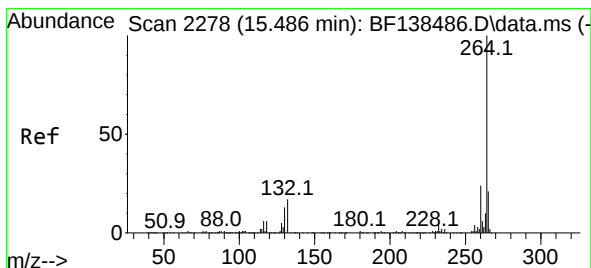
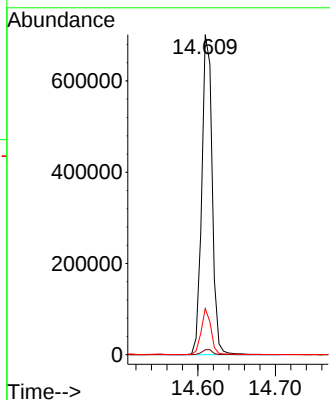
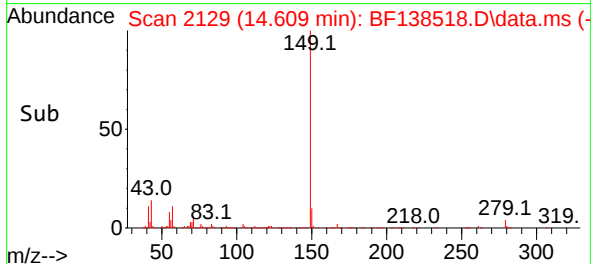
Instrument :
BNA_F
ClientSampleId :
PB161993BS



Tgt Ion:149 Resp: 654794
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.5 10.7 16.1

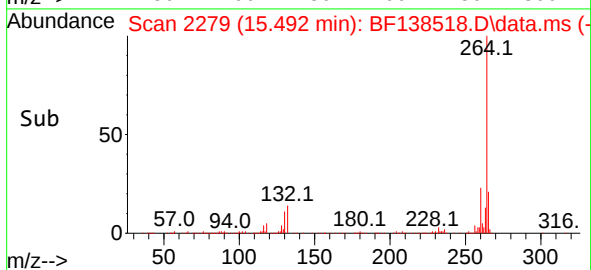
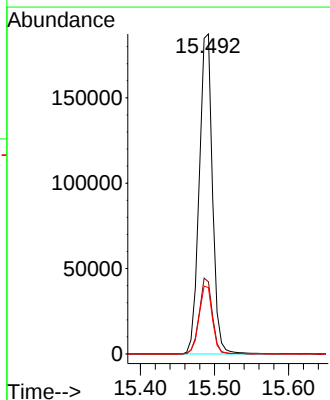
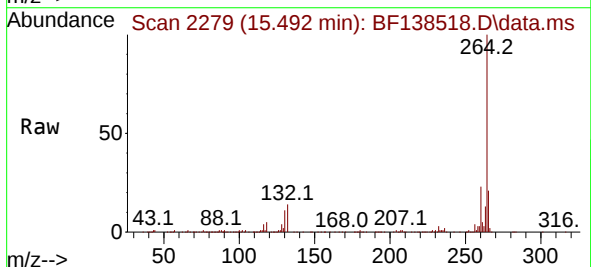
Manual Integrations
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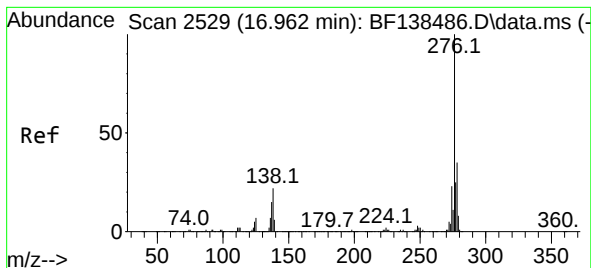
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:264 Resp: 233225
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.6
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.721 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

Tgt Ion:276 Resp: 794589

Ion Ratio Lower Upper

276 100

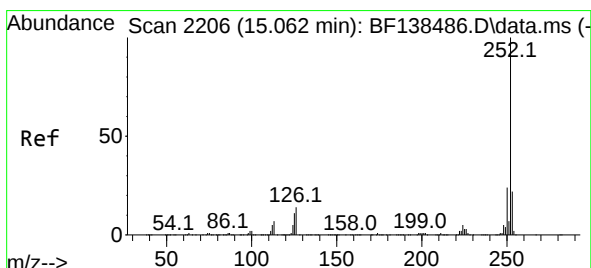
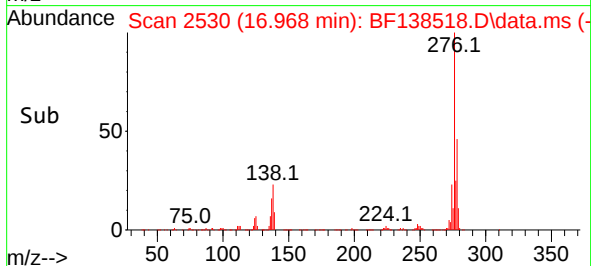
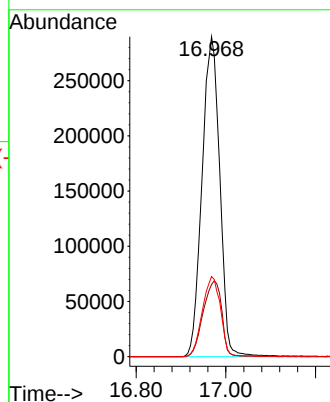
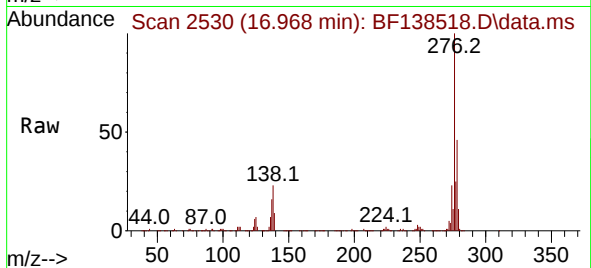
138 24.9 19.6 29.4

277 25.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#88

Benzo(b)fluoranthene

Concen: 45.802 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

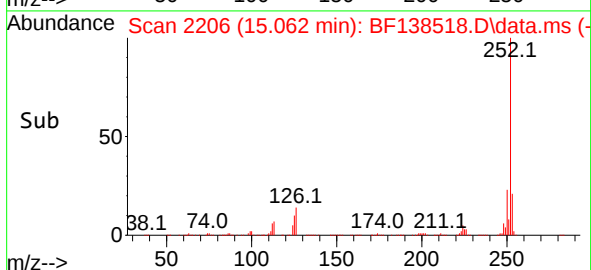
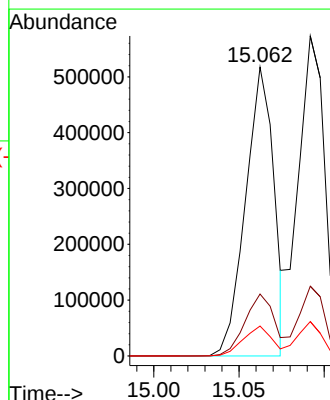
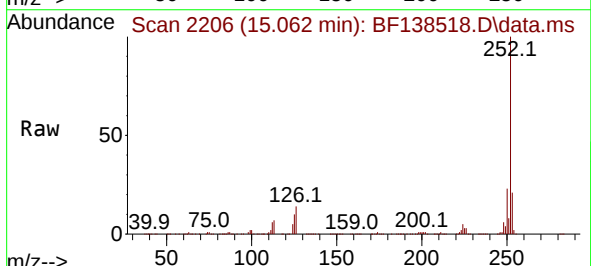
Tgt Ion:252 Resp: 601586

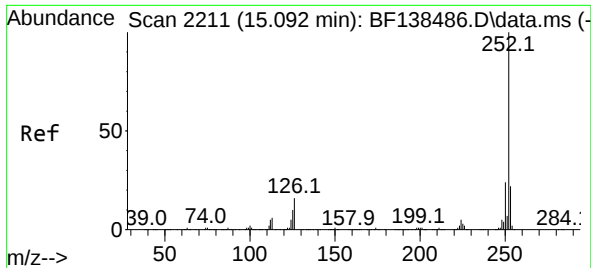
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.4 8.6 13.0





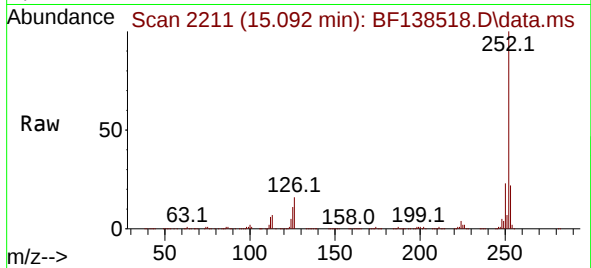
#89
Benzo(k)fluoranthene
Concen: 48.796 ng
RT: 15.092 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

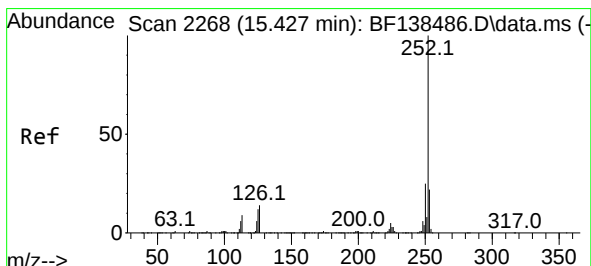
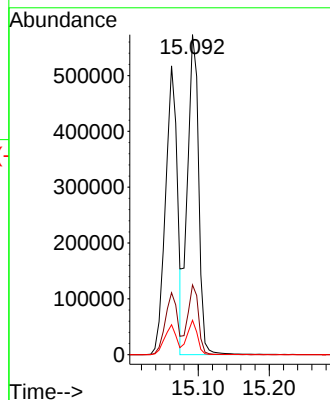
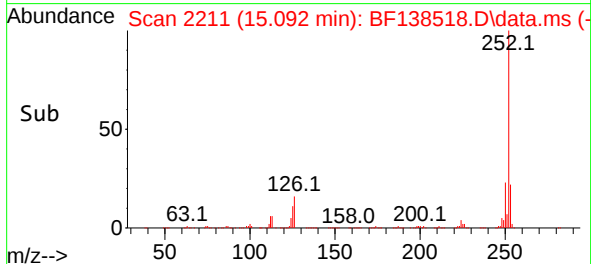


Tgt Ion:252 Resp: 625074
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.8 8.1 12.1

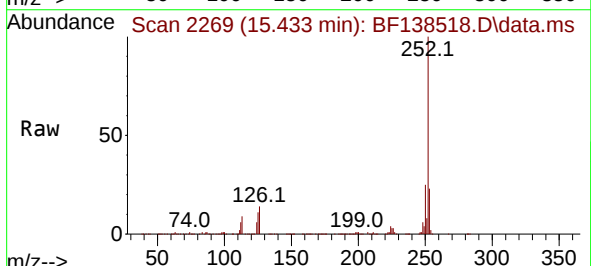
Manual Integrations

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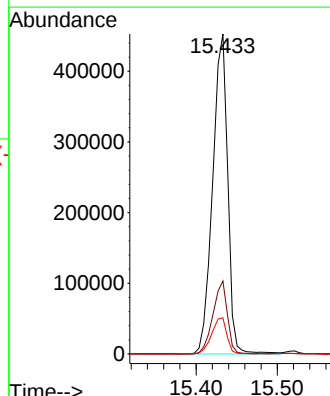
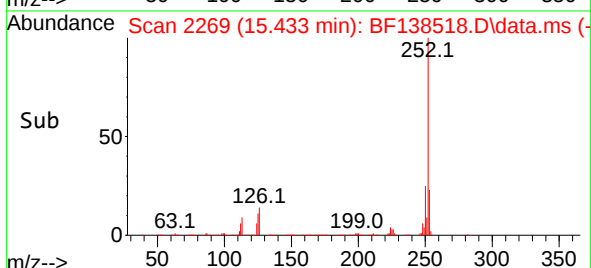
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

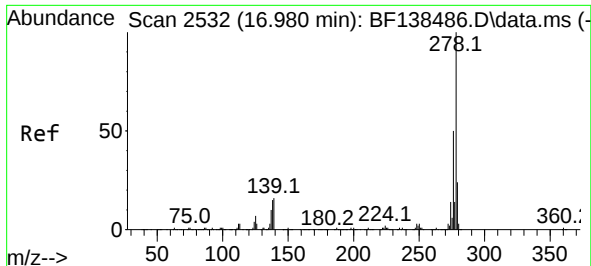


#90
Benzo(a)pyrene
Concen: 50.531 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:252 Resp: 583030
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.3 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 50.872 ng
RT: 16.986 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

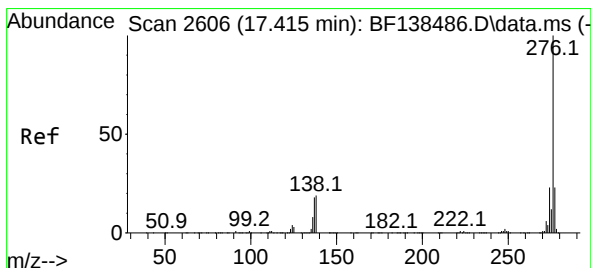
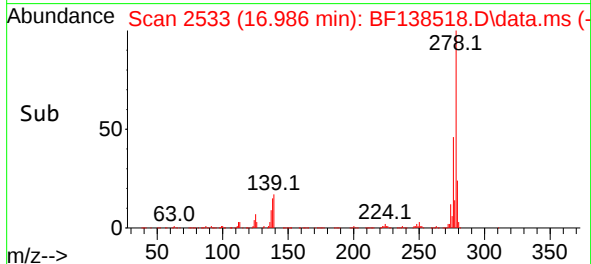
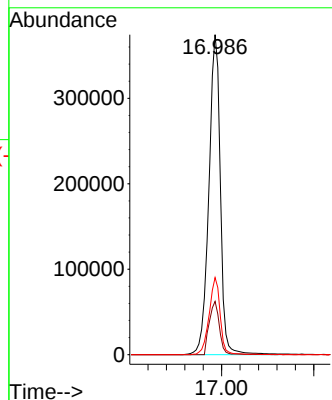
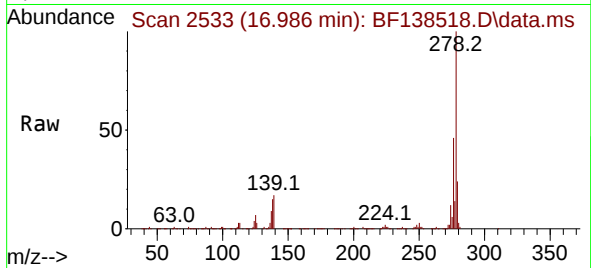
ClientSampleId :

PB161993BS

Tgt Ion:278 Resp: 65190
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#92
Benzo(g,h,i)perylene
Concen: 46.624 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:276 Resp: 633563
Ion Ratio Lower Upper
276 100
277 23.0 18.0 27.0
138 20.8 15.5 23.3

