

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138544.D
 Acq On : 12 Jul 2024 13:56
 Operator : CG\JU
 Sample : PB161988BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161988BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 12 14:49:08 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	134752	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	564116	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	318857	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	551470	20.000	ng	0.00
76) Chrysene-d12	14.027	240	258149	20.000	ng	0.00
86) Perylene-d12	15.492	264	252487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1045301	122.855	ng	0.02
7) Phenol-d6	6.516	99	1366241	120.707	ng	0.01
23) Nitrobenzene-d5	7.439	82	910285	79.226	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	364618	122.354	ng	0.01
45) 2-Fluorobiphenyl	9.227	172	1584892	77.685	ng	0.00
79) Terphenyl-d14	12.974	244	1518382	95.822	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	117485	31.177	ng	98
3) Pyridine	3.504	79	289907	31.196	ng	99
4) n-Nitrosodimethylamine	3.469	42	249619	41.263	ng	91
6) Aniline	6.533	93	283564	26.747	ng	# 76
8) 2-Chlorophenol	6.657	128	417644	46.422	ng	98
9) Benzaldehyde	6.416	77	97323	16.064	ng	96
10) Phenol	6.528	94	510394	42.483	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	399631	44.180	ng	97
12) 1,3-Dichlorobenzene	6.810	146	407521	40.298	ng	98
13) 1,4-Dichlorobenzene	6.886	146	414434	40.357	ng	99
14) 1,2-Dichlorobenzene	7.039	146	402560	42.089	ng	98
15) Benzyl Alcohol	7.016	79	391807	46.126	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	727190	40.881	ng	93
17) 2-Methylphenol	7.128	107	324030	43.946	ng	# 94
18) Hexachloroethane	7.375	117	156884	41.556	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	308343	44.088	ng	93
20) 3+4-Methylphenols	7.281	107	400014	43.082	ng	# 85
22) Acetophenone	7.281	105	566125	41.321	ng	# 94
24) Nitrobenzene	7.457	77	467131	40.008	ng	96
25) Isophorone	7.692	82	848360	42.996	ng	100
26) 2-Nitrophenol	7.769	139	223302	44.621	ng	98
27) 2,4-Dimethylphenol	7.804	122	288031	46.829	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	498745	42.295	ng	99
29) 2,4-Dichlorophenol	8.010	162	345831	43.298	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	380405	40.884	ng	100
31) Naphthalene	8.175	128	1197548	40.818	ng	100
32) Benzoic acid	7.963	122	257700	43.929	ng	97
33) 4-Chloroaniline	8.222	127	236207	22.946	ng	98
34) Hexachlorobutadiene	8.286	225	226304	39.497	ng	98
35) Caprolactam	8.616	113	106175m	41.195	ng	
36) 4-Chloro-3-methylphenol	8.716	107	380042	42.502	ng	96
37) 2-Methylnaphthalene	8.863	142	774224	41.007	ng	100
38) 1-Methylnaphthalene	8.963	142	715645	38.839	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	363392	40.892	ng	99
41) Hexachlorocyclopentadiene	9.016	237	305523	105.920	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	237920	41.971	ng	99

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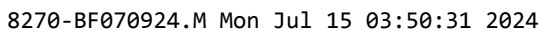
Quant Time: Jul 12 14:49:08 2024
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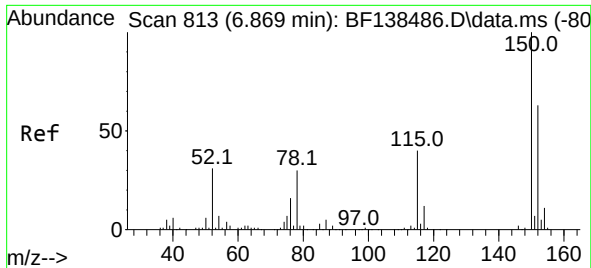
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	252080	40.431	ng	95
46) 1,1'-Biphenyl	9.327	154	980568	40.579	ng	99
47) 2-Chloronaphthalene	9.357	162	735043	40.265	ng	99
48) 2-Nitroaniline	9.457	65	269408	42.588	ng	97
49) Acenaphthylene	9.769	152	1137650	43.894	ng	100
50) Dimethylphthalate	9.633	163	899088	43.607	ng	100
51) 2,6-Dinitrotoluene	9.698	165	197070	41.513	ng	95
52) Acenaphthene	9.945	154	692066	40.170	ng	99
53) 3-Nitroaniline	9.863	138	136594	28.074	ng	92
54) 2,4-Dinitrophenol	9.974	184	220368	86.115	ng	96
55) Dibenzofuran	10.116	168	1019786	40.809	ng	99
56) 4-Nitrophenol	10.039	139	295232	82.235	ng	99
57) 2,4-Dinitrotoluene	10.104	165	255225	41.552	ng	# 98
58) Fluorene	10.457	166	802576	40.590	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	214915	43.677	ng	98
60) Diethylphthalate	10.333	149	850980	42.813	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	405536	40.845	ng	94
62) 4-Nitroaniline	10.486	138	188452	38.651	ng	99
63) Azobenzene	10.610	77	900431	42.136	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	153756	48.287	ng	80
66) n-Nitrosodiphenylamine	10.569	169	705739	42.714	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	240649	42.457	ng	93
68) Hexachlorobenzene	11.004	284	262744	41.727	ng	93
69) Atrazine	11.098	200	207132	37.812	ng	98
70) Pentachlorophenol	11.198	266	306858	82.356	ng	97
71) Phenanthrene	11.421	178	1165084	41.818	ng	99
72) Anthracene	11.468	178	1172577	42.398	ng	98
73) Carbazole	11.627	167	1001939	40.313	ng	99
74) Di-n-butylphthalate	11.951	149	1268550	44.280	ng	99
75) Fluoranthene	12.604	202	1104322	38.845	ng	99
77) Benzidine	12.721	184	68967	10.589	ng	98
78) Pyrene	12.833	202	1101743	42.042	ng	100
80) Butylbenzylphthalate	13.445	149	393792	49.954	ng	99
81) Benzo(a)anthracene	14.015	228	740945	42.775	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	182724	40.938	ng	98
83) Chrysene	14.057	228	709492	43.297	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	484321	57.606	ng	99
85) Di-n-octyl phthalate	14.609	149	777101	58.509	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	776407	45.780	ng	100
88) Benzo(b)fluoranthene	15.062	252	670383	47.146	ng	99
89) Benzo(k)fluoranthene	15.098	252	611393	44.087	ng	99
90) Benzo(a)pyrene	15.433	252	596900	47.786	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	636540	45.883	ng	99
92) Benzo(g,h,i)perylene	17.421	276	602792	40.976	ng	96

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

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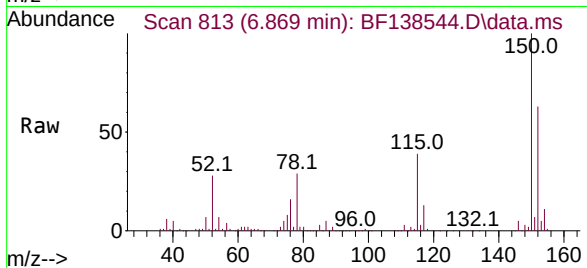
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

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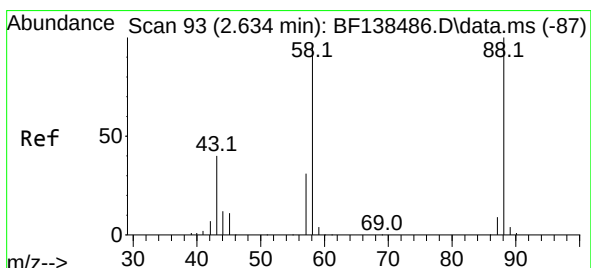
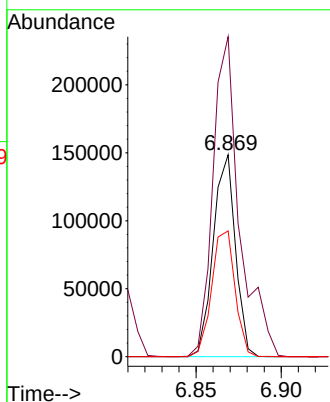
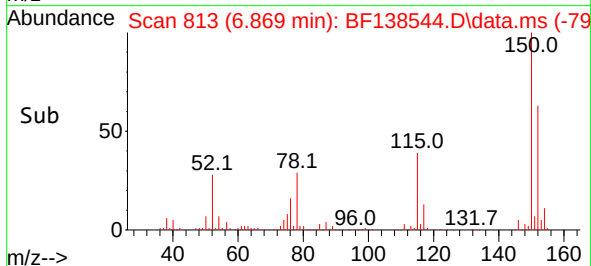
Tgt Ion:152 Resp: 134752
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.4
115 62.2 50.3 75.5

Manual Integrations

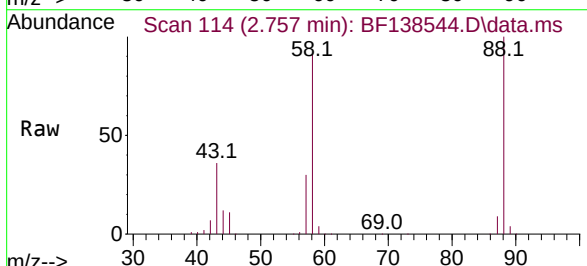
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Reviewed By :Yogesh Patel 07/13/2024

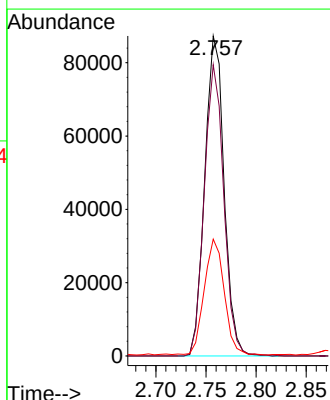
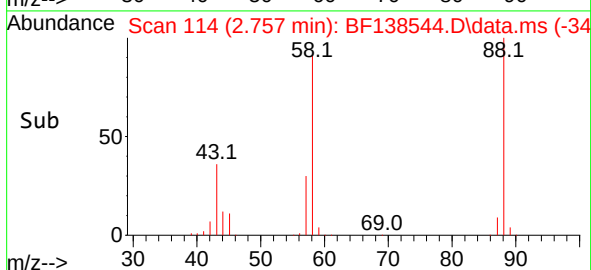
Supervised By :mohammad ahmed 07/19/2024

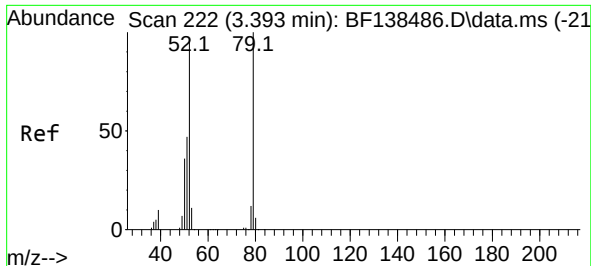


#2
1,4-Dioxane
Concen: 31.177 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.123 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion: 88 Resp: 117485
Ion Ratio Lower Upper
88 100
58 91.7 74.6 112.0
43 37.4 31.8 47.6





#3

Pyridine

Concen: 31.196 ng

RT: 3.504 min Scan# 241

Delta R.T. 0.112 min

Lab File: BF138544.D

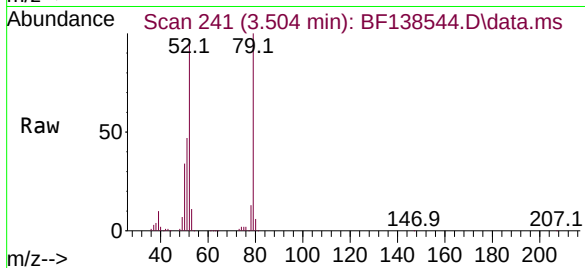
Acq: 12 Jul 2024 13:56

Instrument :

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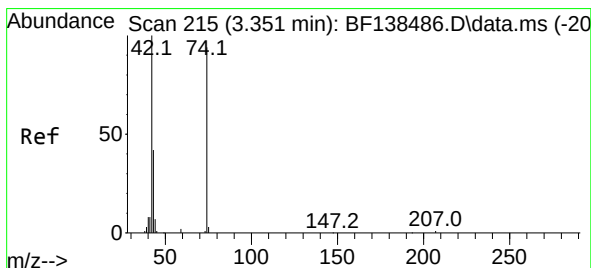
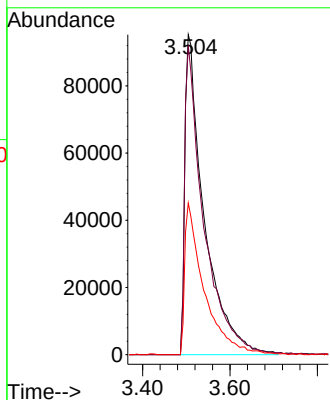
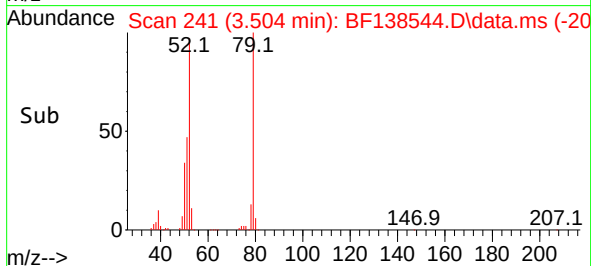
Tgt Ion:	79	Resp:	28990
Ion Ratio	Lower	Upper	
79	100		
52	96.5	77.4	116.2
51	47.4	37.4	56.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.263 ng

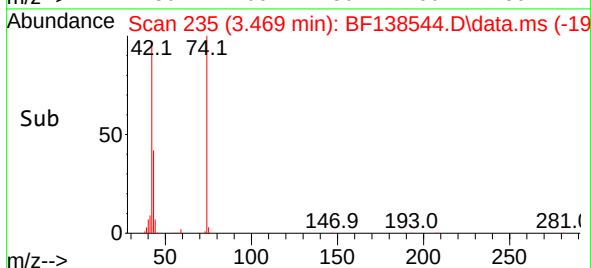
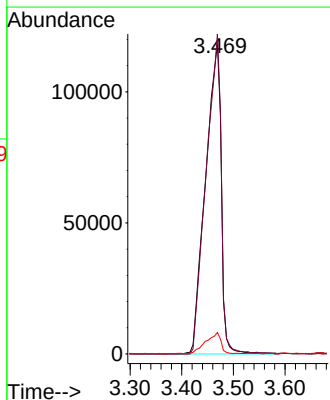
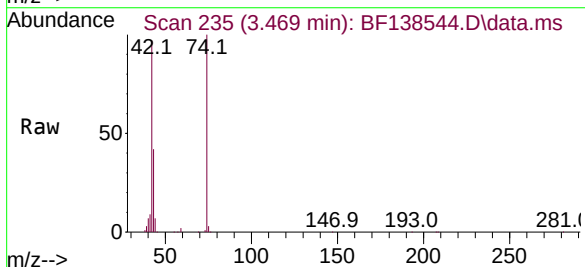
RT: 3.469 min Scan# 235

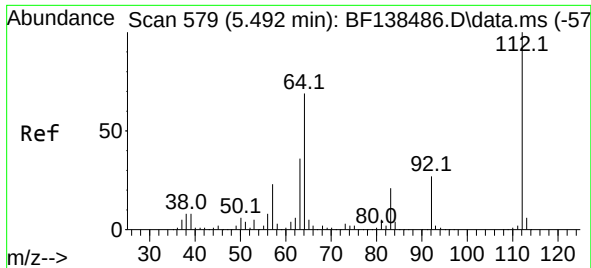
Delta R.T. 0.118 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Tgt Ion:	42	Resp:	249619
Ion Ratio	Lower	Upper	
42	100		
74	103.2	75.0	112.6
44	6.9	5.4	8.2





#5
2-Fluorophenol
Concen: 122.855 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.018 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

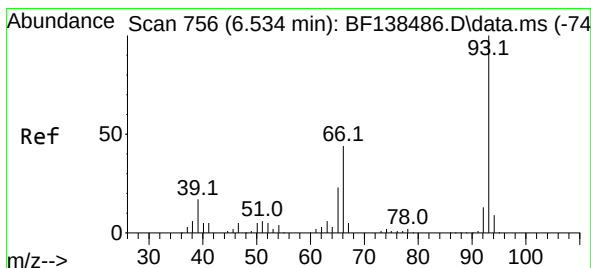
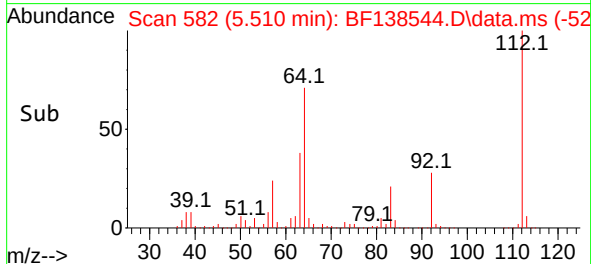
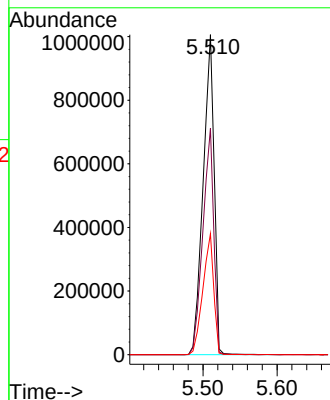
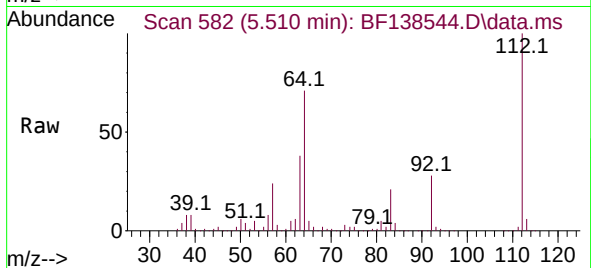
PB161988BS

Tgt Ion:112 Resp: 104530
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 37.8 29.0 43.6

Manual Integrations

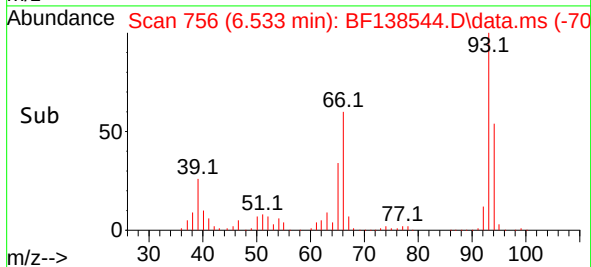
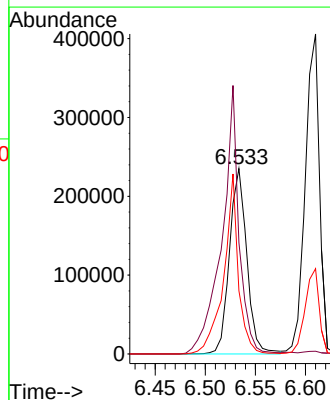
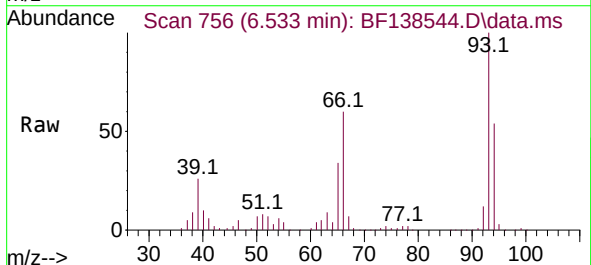
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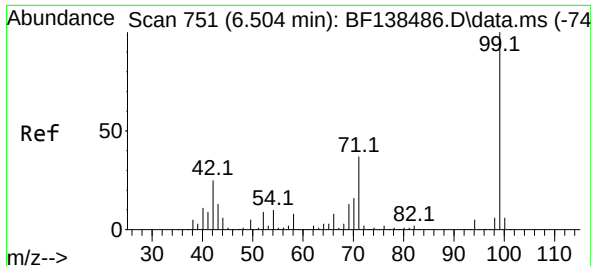
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#6
Aniline
Concen: 26.747 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138544.D
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Tgt Ion: 93 Resp: 283564
Ion Ratio Lower Upper
93 100
66 60.1 35.4 53.0#
65 34.1 18.6 27.8#





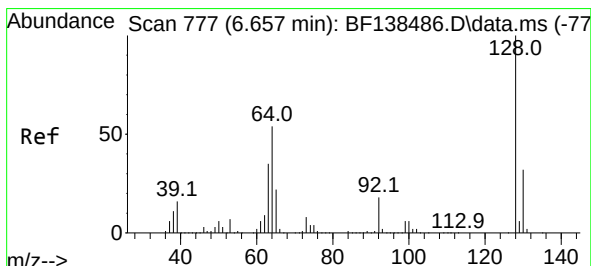
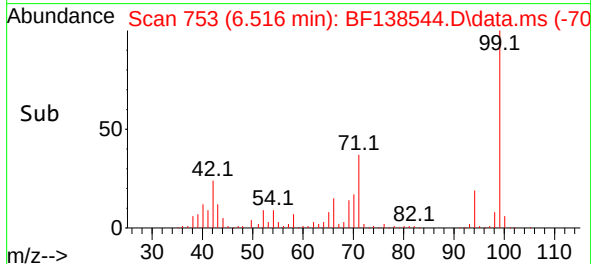
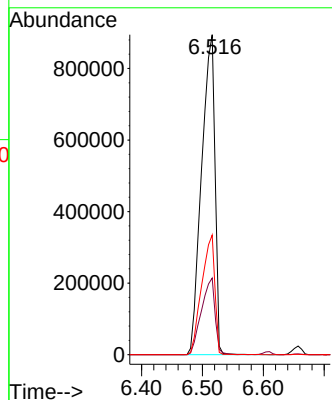
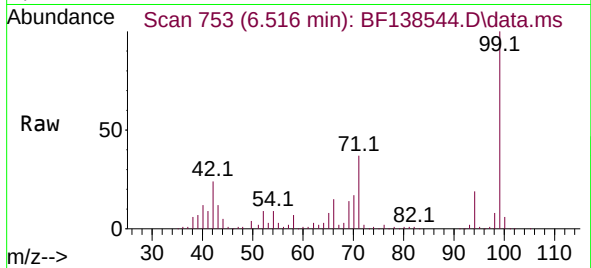
#7
Phenol-d6
Concen: 120.707 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138544.D
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Tgt Ion: 99 Resp: 136624
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 37.4 29.9 44.9

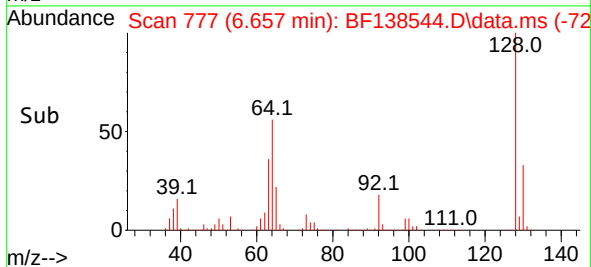
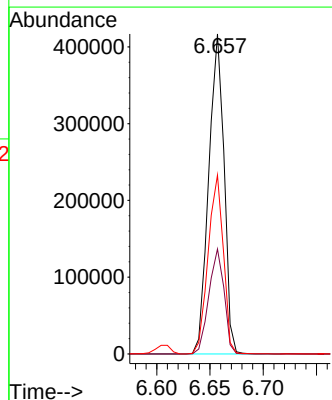
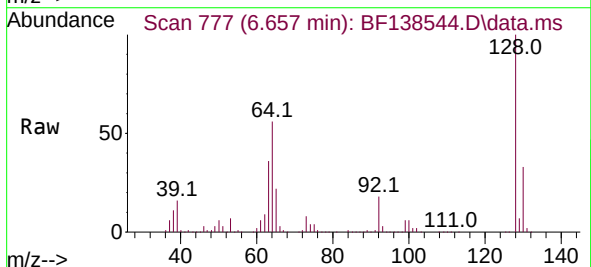
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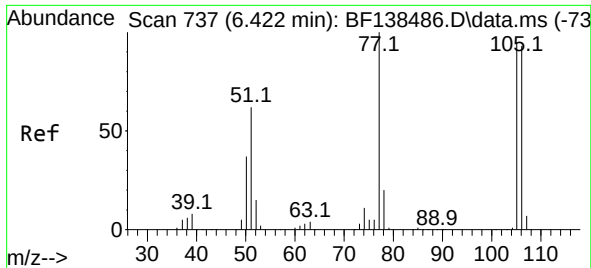
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#8
2-Chlorophenol
Concen: 46.422 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:128 Resp: 417644
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 55.9 34.4 74.4





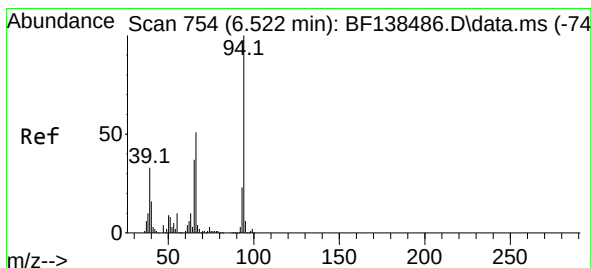
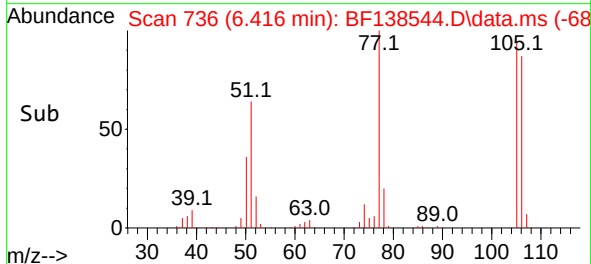
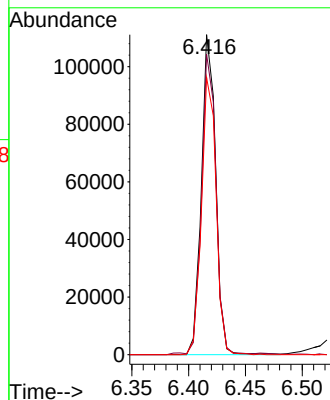
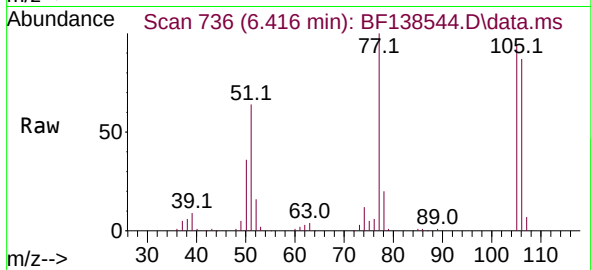
#9
Benzaldehyde
Concen: 16.064 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
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Instrument :
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Tgt Ion: 77 Resp: 9732
Ion Ratio Lower Upper
77 100
105 93.9 75.1 115.1
106 86.6 73.2 113.2

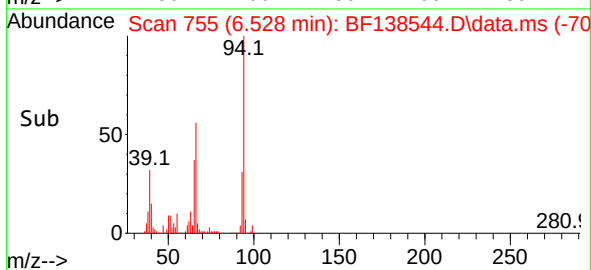
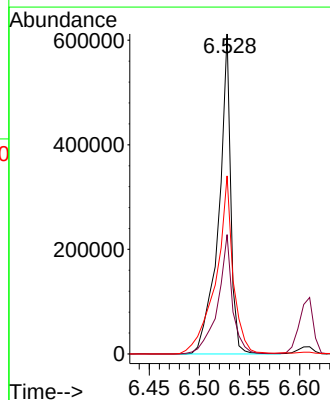
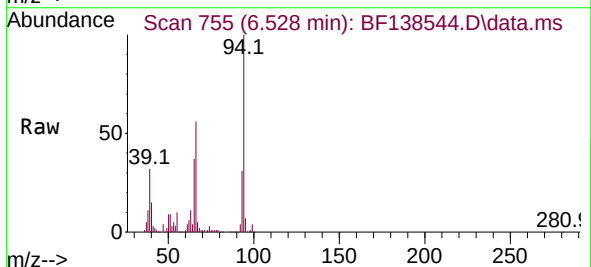
Manual Integrations
APPROVED

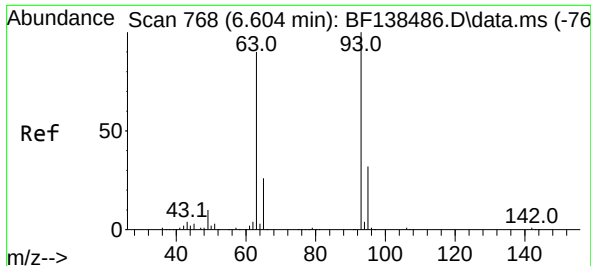
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Phenol
Concen: 42.483 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion: 94 Resp: 510394
Ion Ratio Lower Upper
94 100
65 37.3 16.7 56.7
66 55.7 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 44.180 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion: 93 Resp: 39963

Ion Ratio Lower Upper

93 100

63 85.8 68.8 108.8

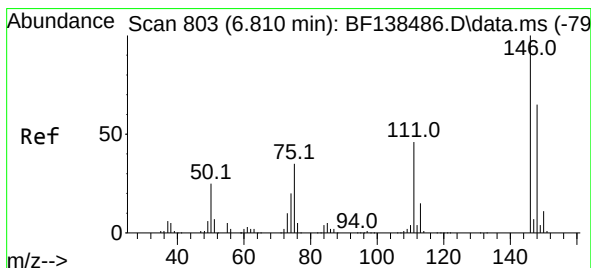
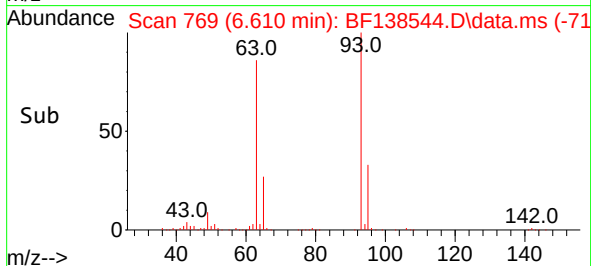
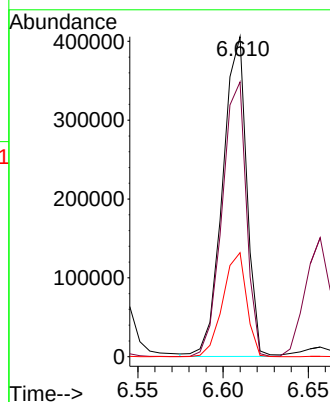
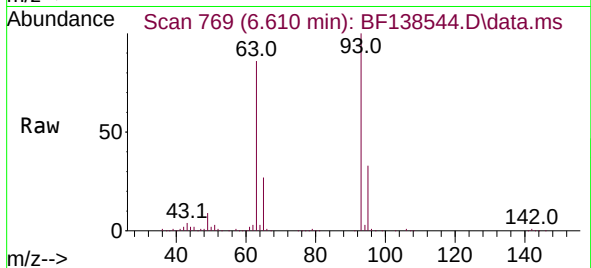
95 32.5 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#12

1,3-Dichlorobenzene

Concen: 40.298 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

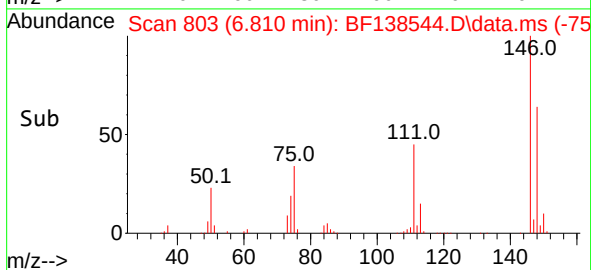
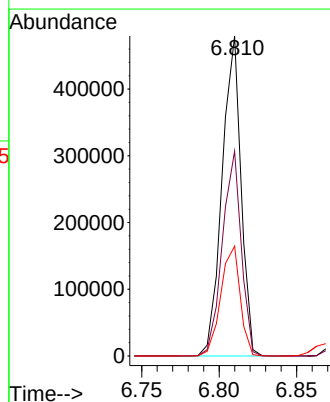
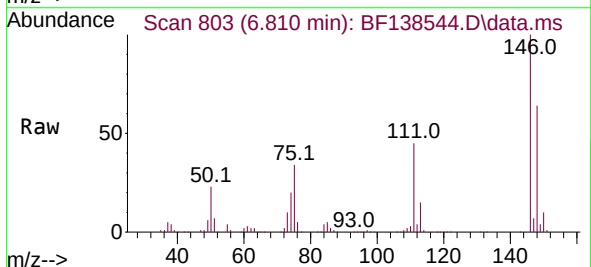
Tgt Ion:146 Resp: 407521

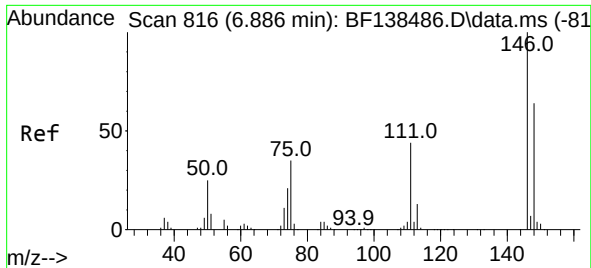
Ion Ratio Lower Upper

146 100

148 64.0 52.4 78.6

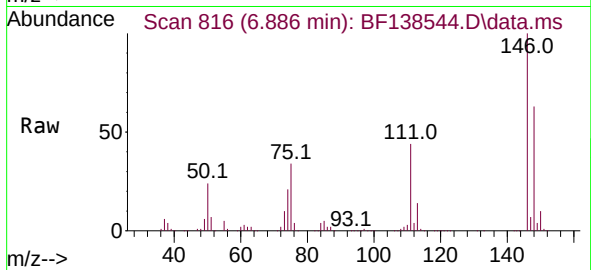
75 34.3 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 40.357 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

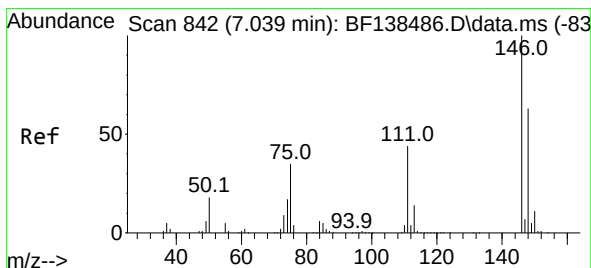
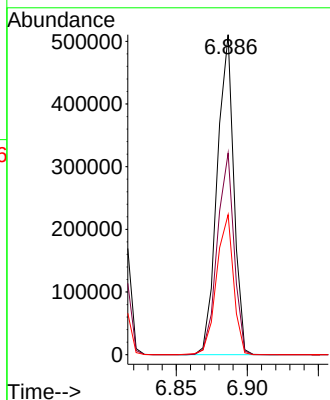
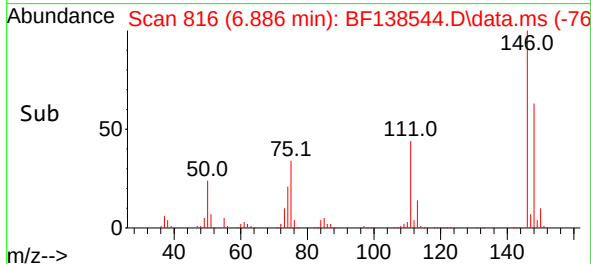
Instrument :
BNA_F
ClientSampleId :
PB161988BS



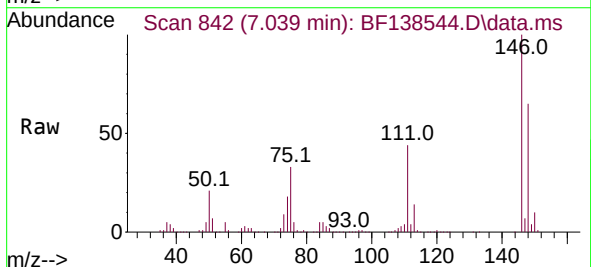
Tgt Ion:146 Resp: 414434
Ion Ratio Lower Upper
146 100
148 63.0 51.6 77.4
111 43.8 34.9 52.3

Manual Integrations
APPROVED

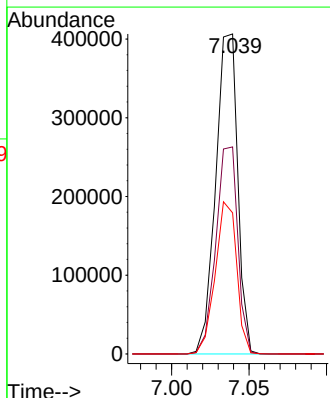
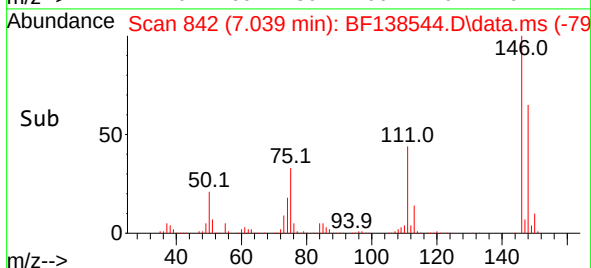
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

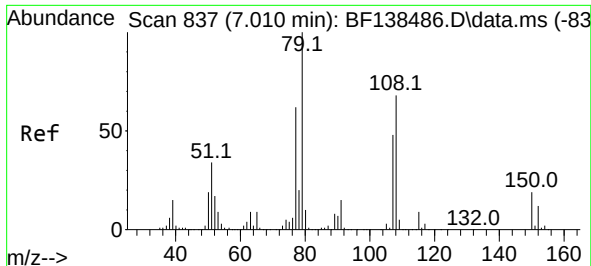


#14
1,2-Dichlorobenzene
Concen: 42.089 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:146 Resp: 402560
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 44.1 35.5 53.3





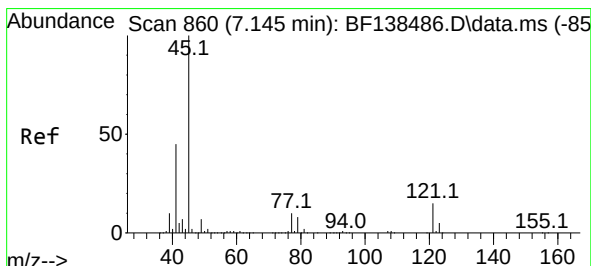
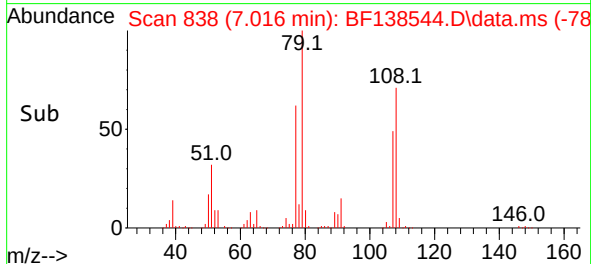
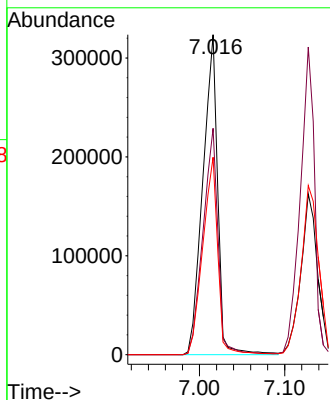
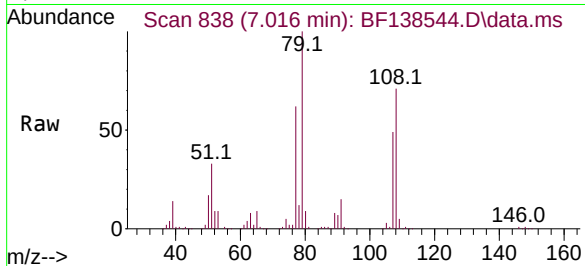
#15
Benzyl Alcohol
Concen: 46.126 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :
BNA_F
ClientSampleId :
PB161988BS

Tgt Ion: 79 Resp: 39180
Ion Ratio Lower Upper
79 100
108 70.7 54.3 81.5
77 61.7 50.0 75.0

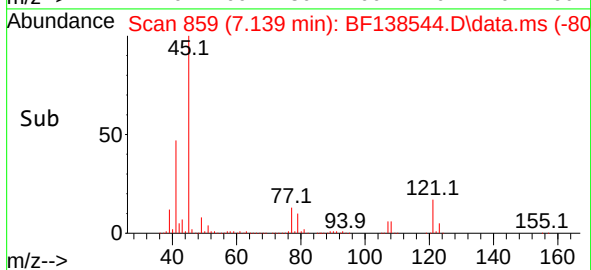
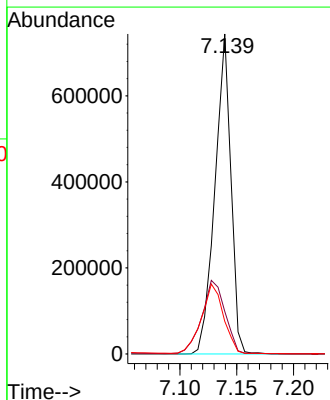
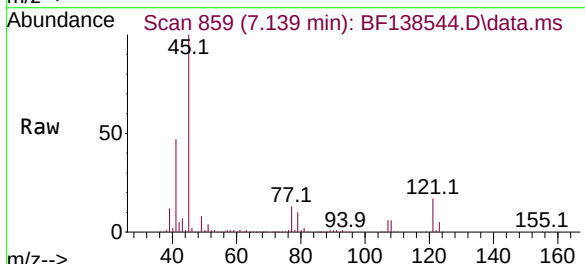
Manual Integrations
APPROVED

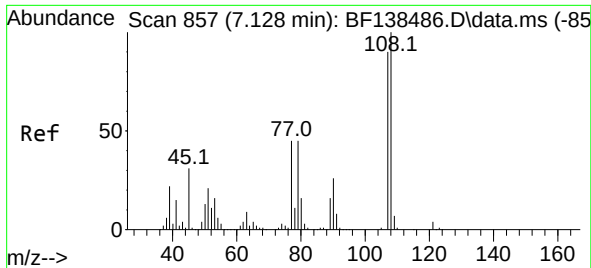
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.881 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion: 45 Resp: 727190
Ion Ratio Lower Upper
45 100
77 13.3 0.0 30.4
79 10.2 0.0 28.1





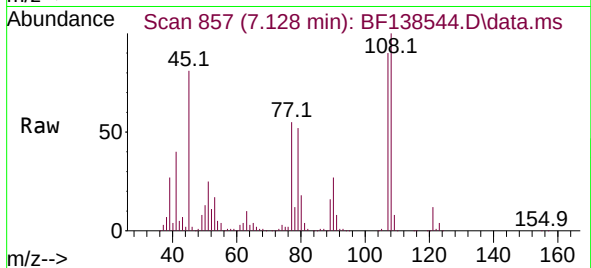
#17
2-Methylphenol
Concen: 43.946 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



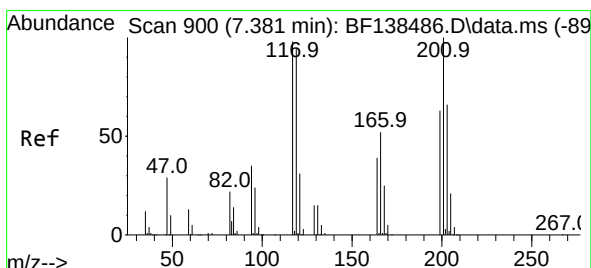
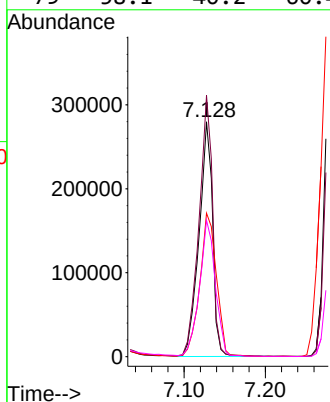
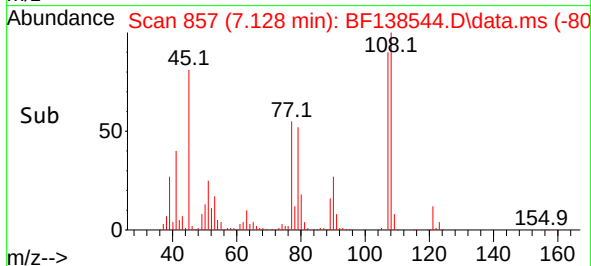
Tgt Ion:107 Resp: 324030
Ion Ratio Lower Upper
107 100
108 111.2 89.0 133.4
77 61.1 40.3 60.5
79 58.1 40.2 60.4

Manual Integrations

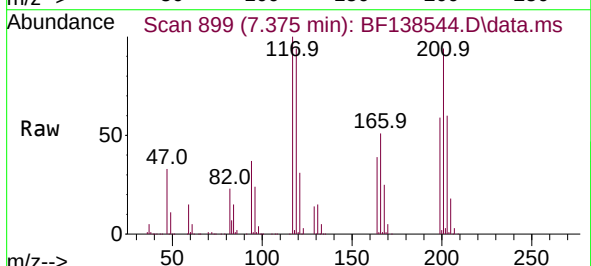
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

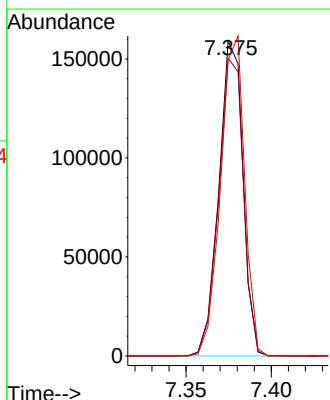
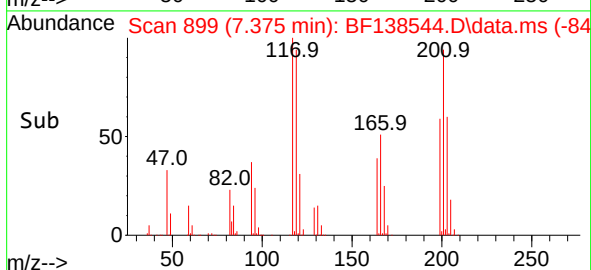
Supervised By :mohammad ahmed 07/19/2024

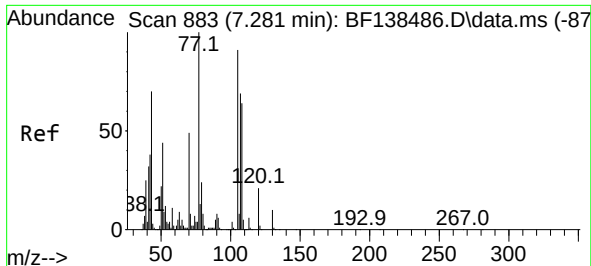


#18
Hexachloroethane
Concen: 41.556 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:117 Resp: 156884
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8
201 94.0 81.4 122.0





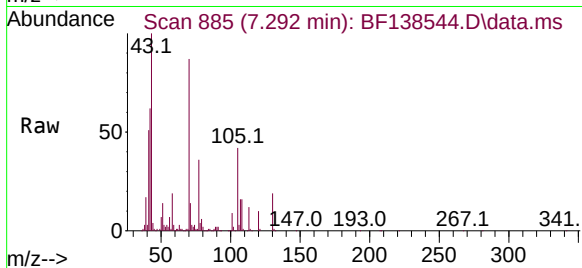
#19
n-Nitroso-di-n-propylamine
Concen: 44.088 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



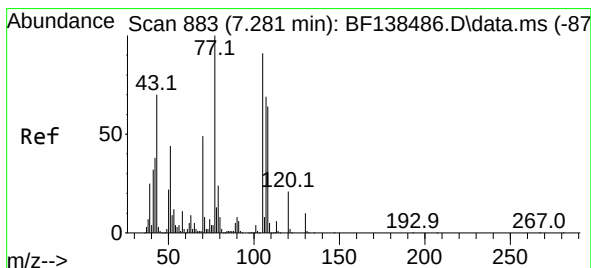
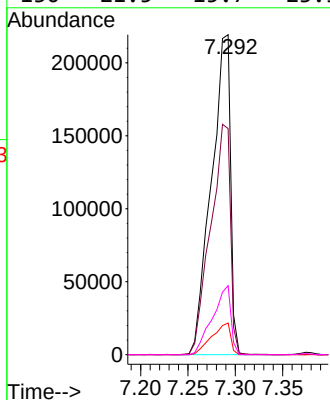
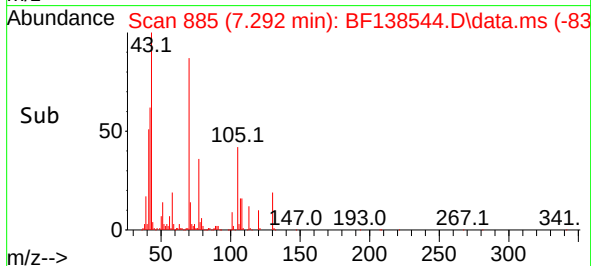
Tgt Ion: 70 Resp: 30834
Ion Ratio Lower Upper
70 100
42 70.7 62.4 93.6
101 9.9 7.2 10.8
130 21.5 15.7 23.5

Manual Integrations

APPROVED

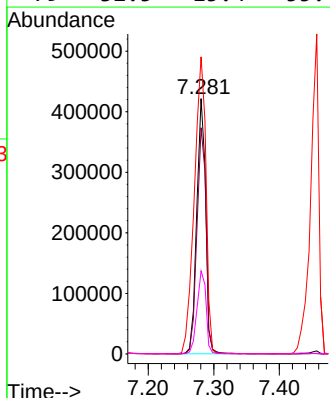
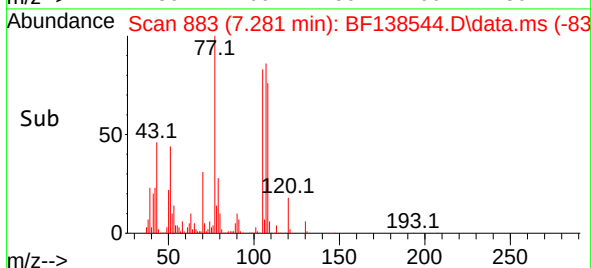
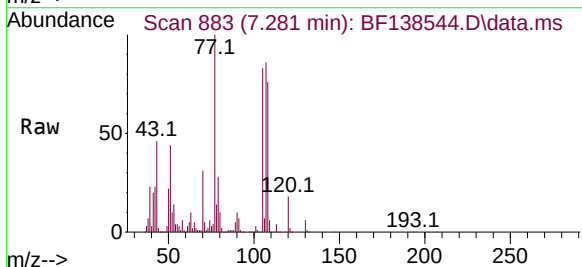
Reviewed By :Yogesh Patel 07/13/2024

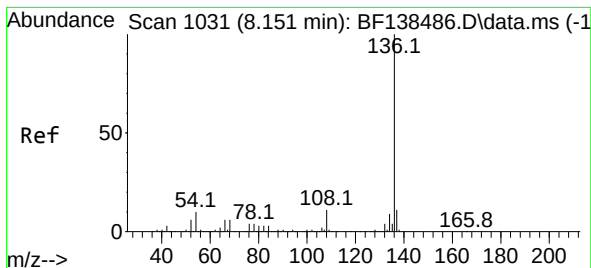
Supervised By :mohammad ahmed 07/19/2024



#20
3+4-Methylphenols
Concen: 43.082 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:107 Resp: 400014
Ion Ratio Lower Upper
107 100
108 88.6 73.7 113.7
77 116.3 126.0 166.0#
79 32.5 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: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

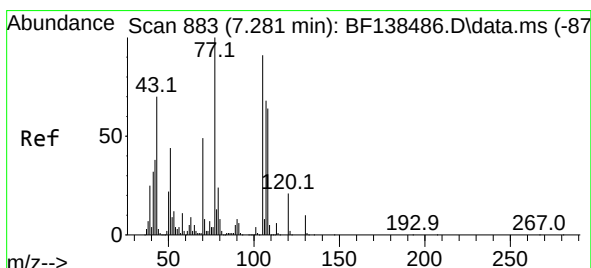
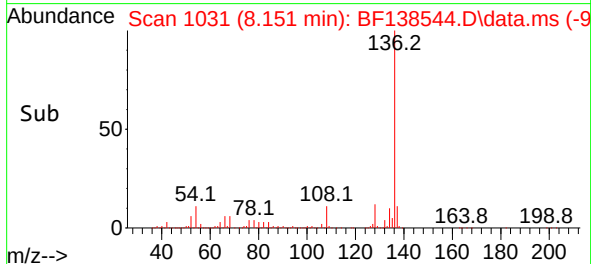
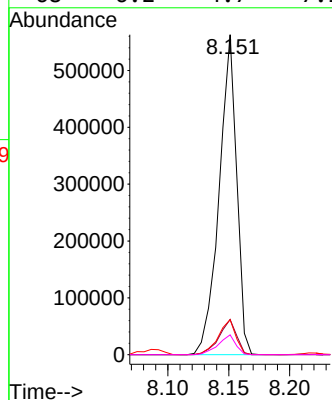
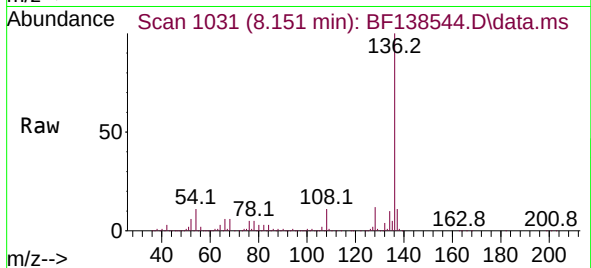
PB161988BS

Tgt Ion:136 Resp: 564110
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.9 8.1 12.1
68 6.2 4.7 7.1

Manual Integrations

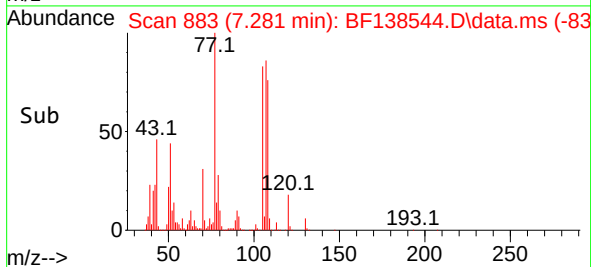
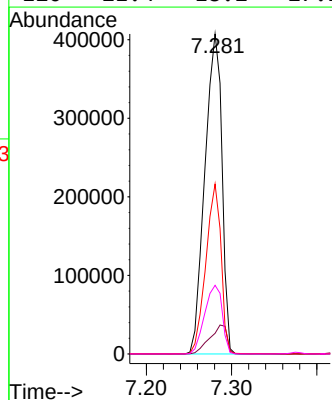
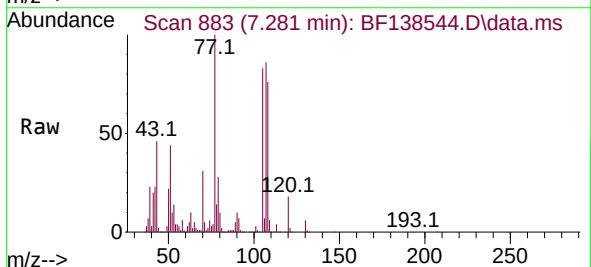
APPROVED

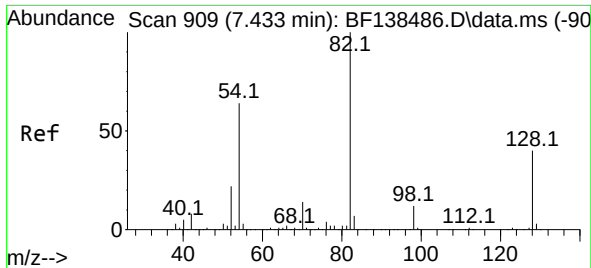
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Acetophenone
Concen: 41.321 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:105 Resp: 566125
Ion Ratio Lower Upper
105 100
71 6.4 7.4 11.2#
51 53.1 38.7 58.1
120 21.4 18.2 27.2





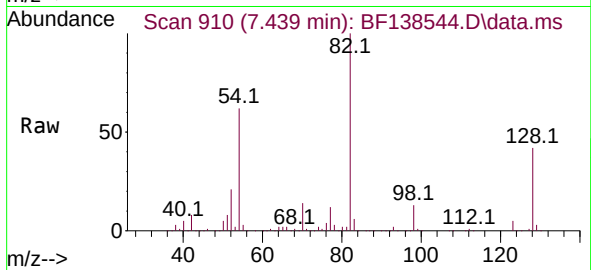
#23
Nitrobenzene-d5
Concen: 79.226 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

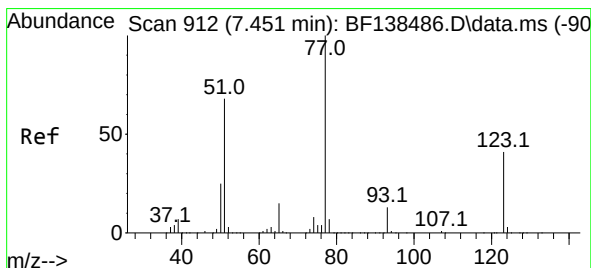
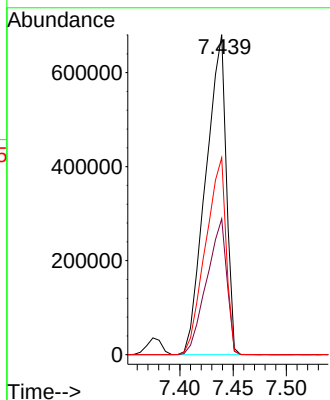
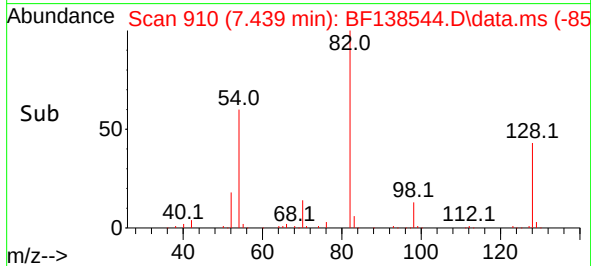


Tgt Ion: 82 Resp: 910285
Ion Ratio Lower Upper
82 100
128 42.5 32.3 48.5
54 61.6 51.4 77.0

Manual Integrations

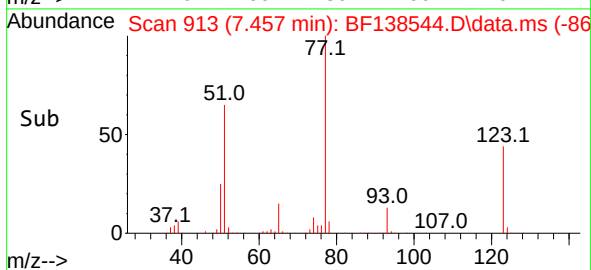
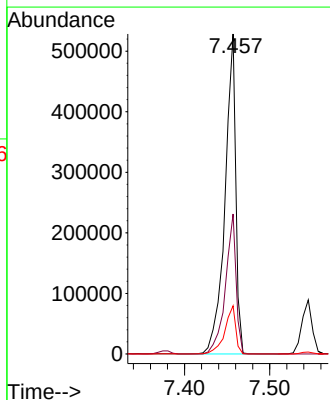
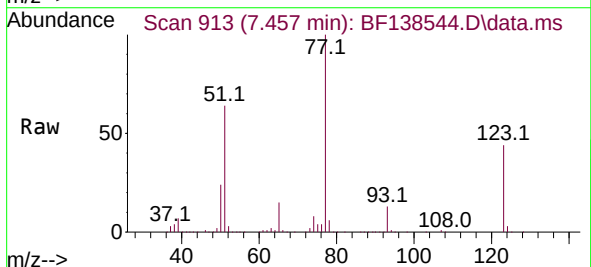
APPROVED

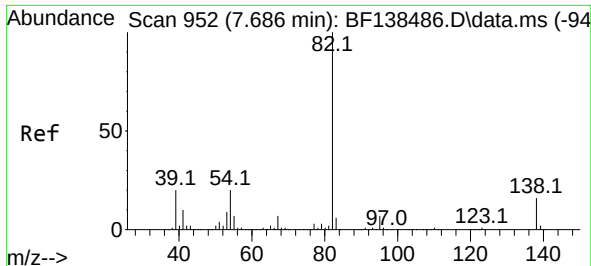
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#24
Nitrobenzene
Concen: 40.008 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion: 77 Resp: 467131
Ion Ratio Lower Upper
77 100
123 43.8 32.4 48.6
65 15.1 11.8 17.8





#25
Isophorone
Concen: 42.996 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

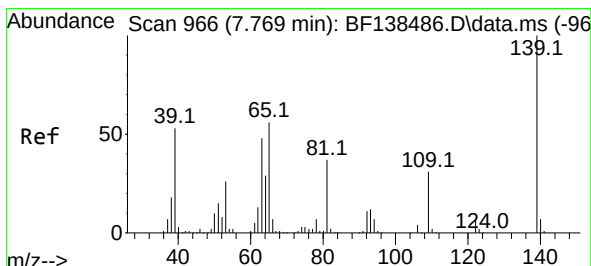
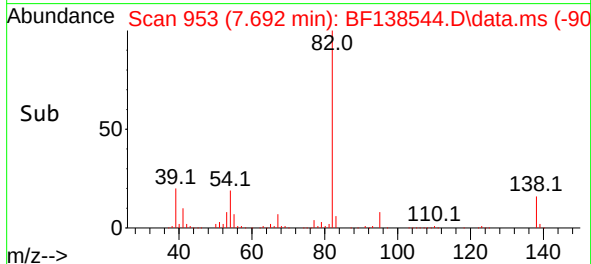
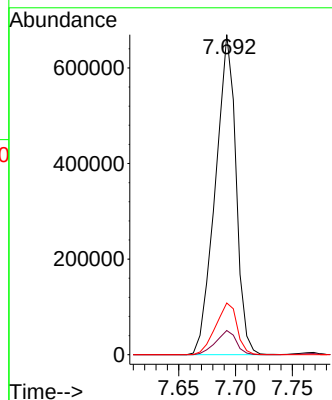
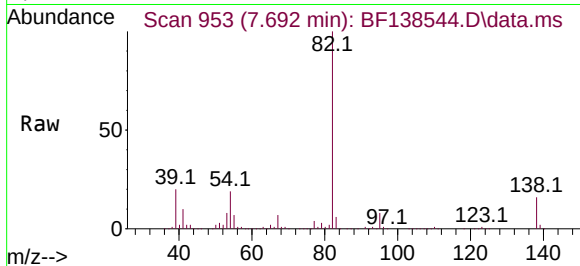
ClientSampleId :

PB161988BS

Tgt Ion: 82 Resp: 848360
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.1 12.8 19.2

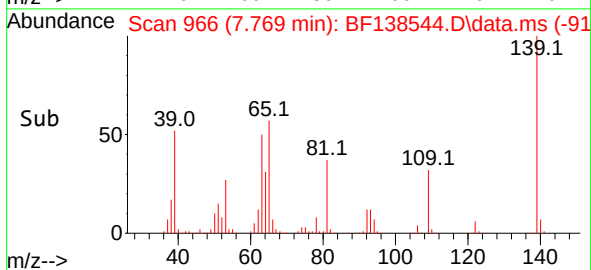
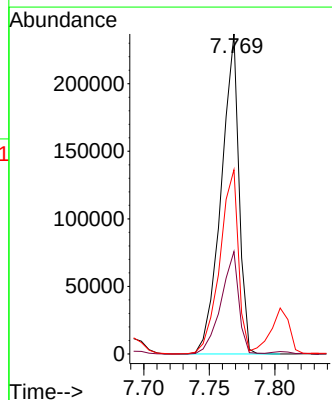
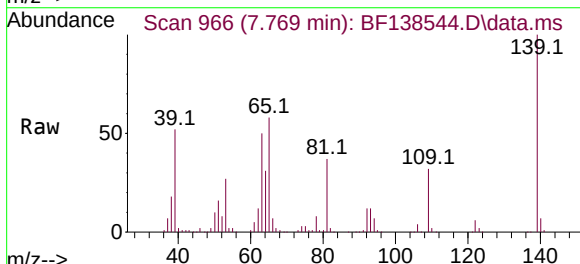
Manual Integrations
APPROVED

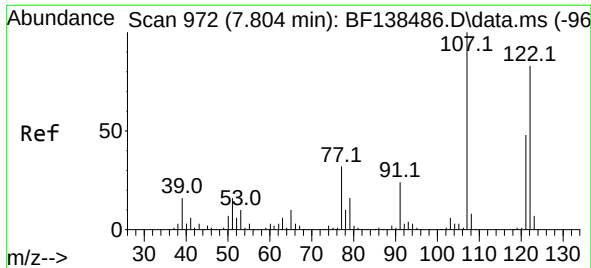
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#26
2-Nitrophenol
Concen: 44.621 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:139 Resp: 223302
Ion Ratio Lower Upper
139 100
109 32.0 24.8 37.2
65 57.6 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 46.829 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

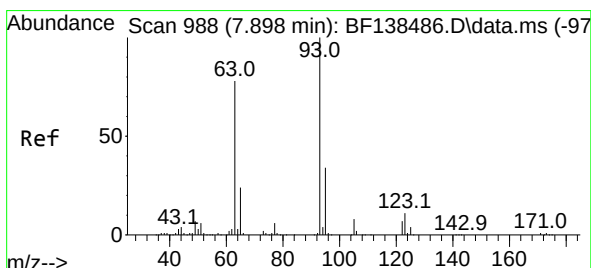
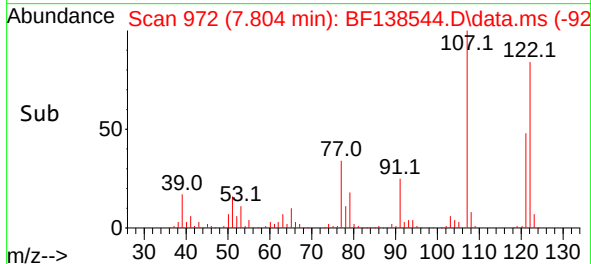
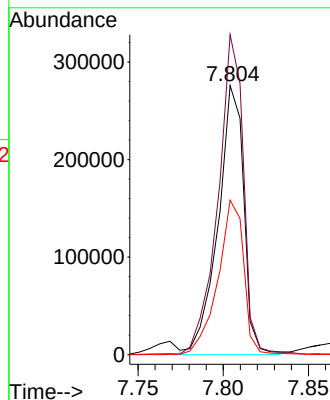
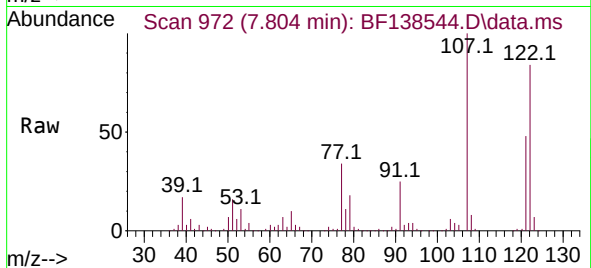
PB161988BS

Tgt Ion:122 Resp: 28803
Ion Ratio Lower Upper
122 100
107 118.9 96.3 144.5
121 57.5 46.7 70.1

Manual Integrations

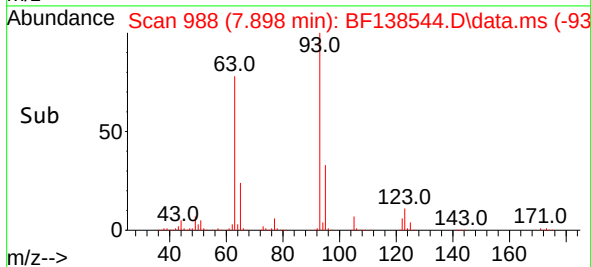
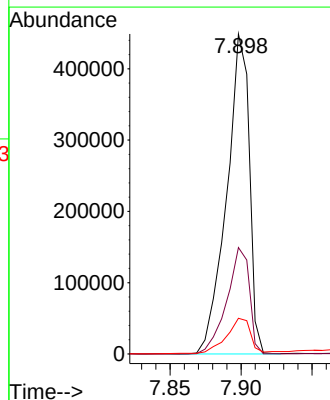
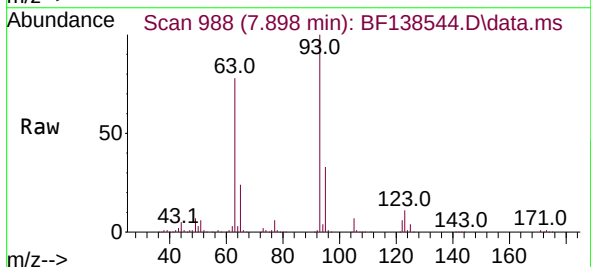
APPROVED

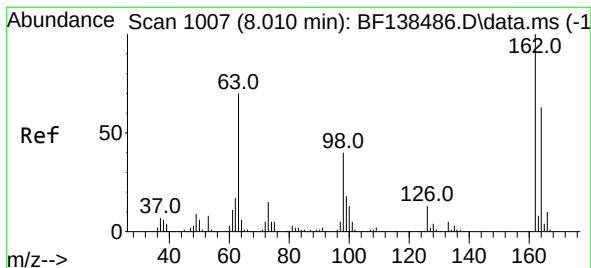
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.295 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion: 93 Resp: 498745
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.6
123 11.1 9.1 13.7





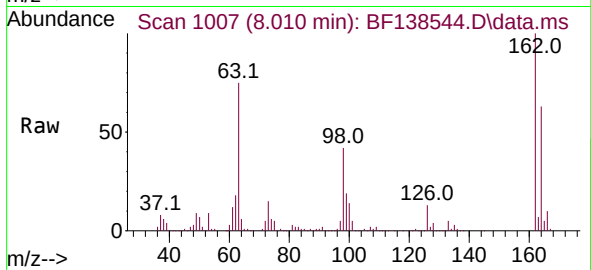
#29
2,4-Dichlorophenol
Concen: 43.298 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



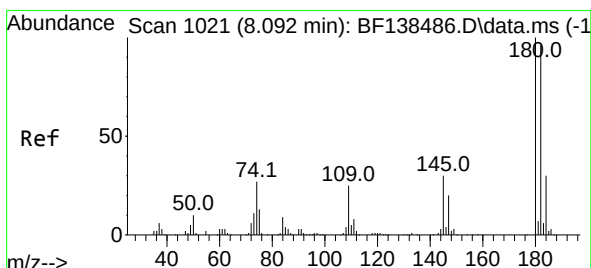
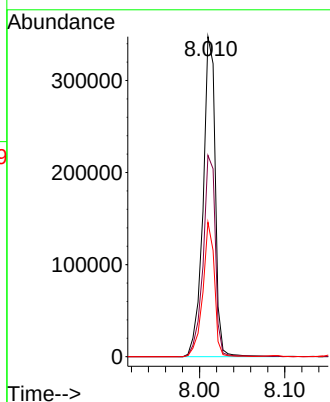
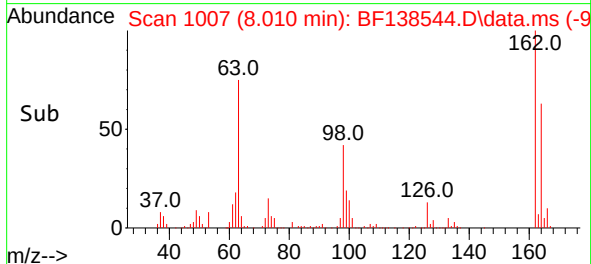
Tgt Ion:162 Resp: 34583
Ion Ratio Lower Upper
162 100
164 62.9 42.6 82.6
98 42.0 20.1 60.1

Manual Integrations

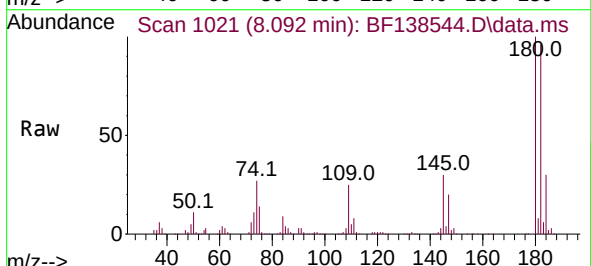
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

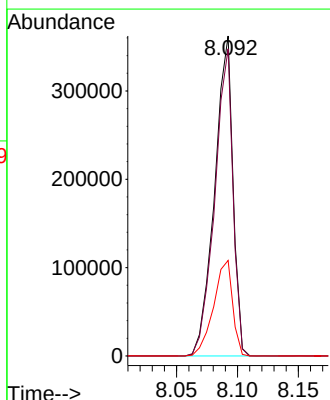
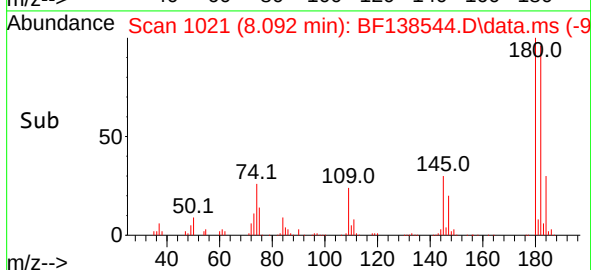
Supervised By :mohammad ahmed 07/19/2024

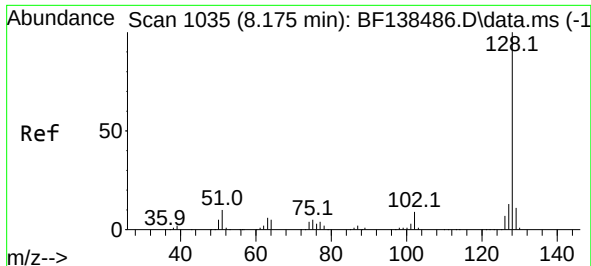


#30
1,2,4-Trichlorobenzene
Concen: 40.884 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:180 Resp: 380405
Ion Ratio Lower Upper
180 100
182 96.0 76.9 115.3
145 29.8 23.9 35.9





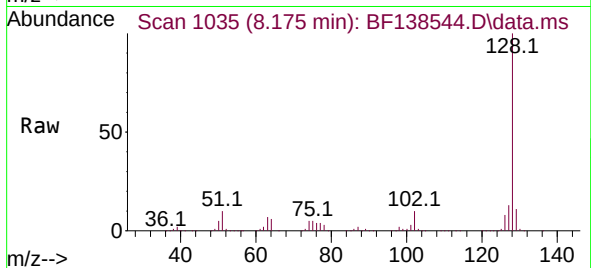
#31
Naphthalene
Concen: 40.818 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



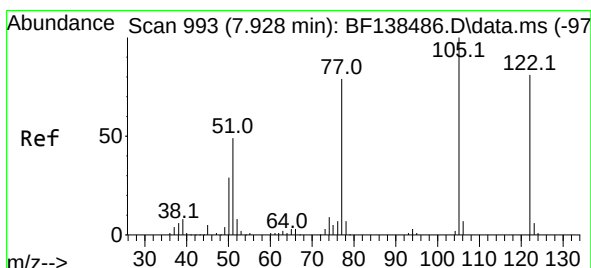
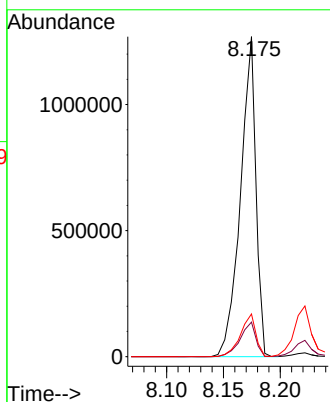
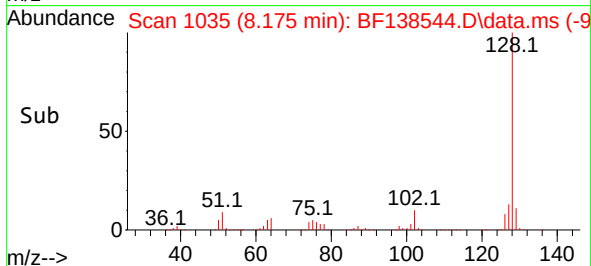
Tgt Ion:128 Resp: 1197548
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.7 16.1

Manual Integrations

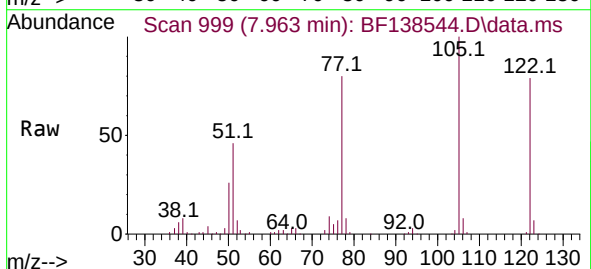
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

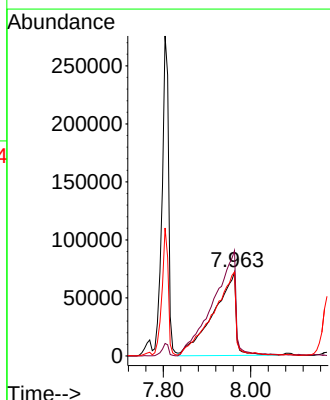
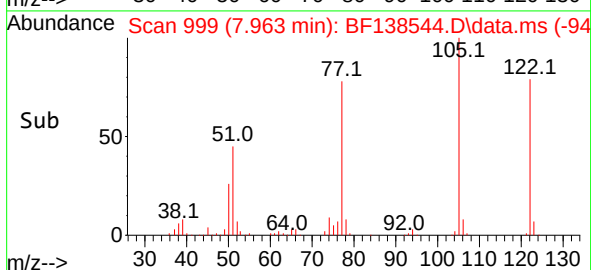
Supervised By :mohammad ahmed 07/19/2024

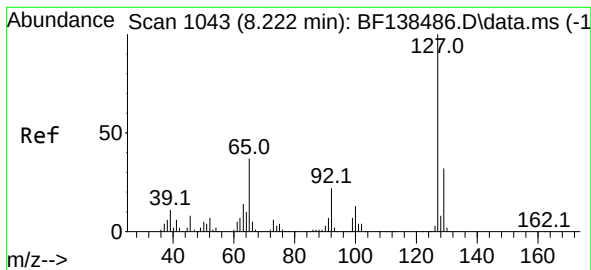


#32
Benzoic acid
Concen: 43.929 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.035 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:122 Resp: 257700
Ion Ratio Lower Upper
122 100
105 125.8 101.5 141.5
77 100.2 77.3 117.3





#33
4-Chloroaniline
Concen: 22.946 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

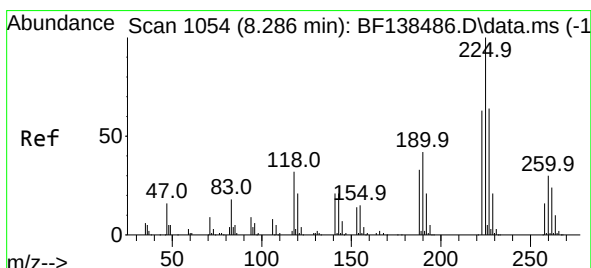
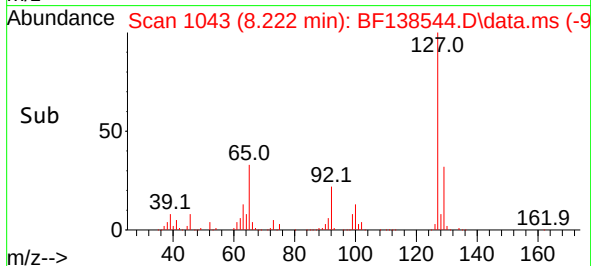
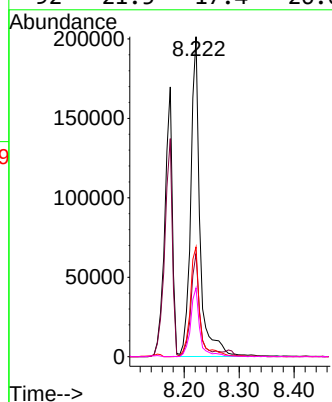
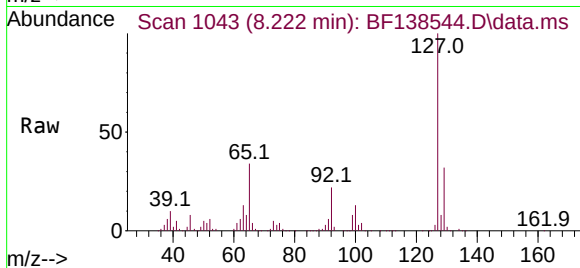
ClientSampleId :

PB161988BS

Tgt Ion:127 Resp: 23620
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4
65 34.3 29.6 44.4
92 21.5 17.4 26.0

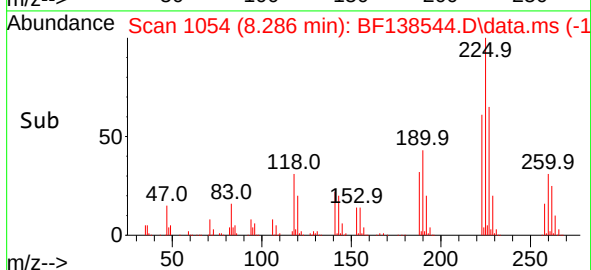
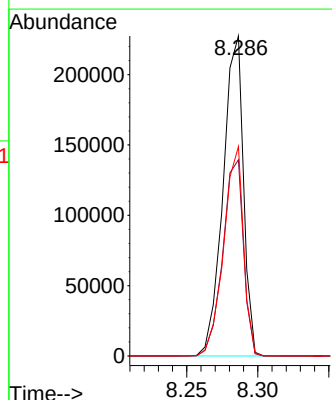
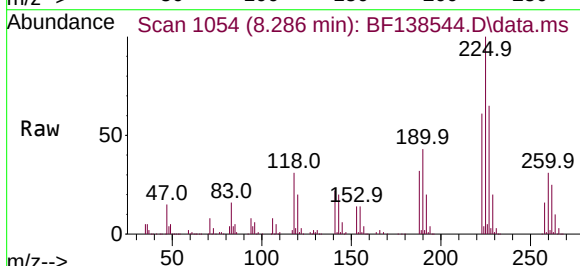
Manual Integrations
APPROVED

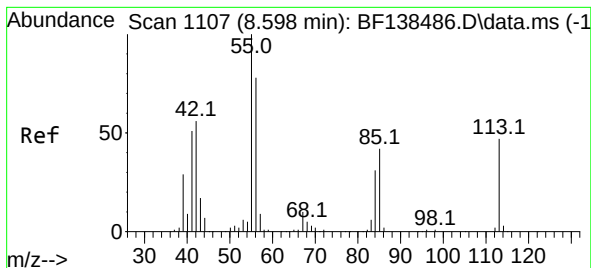
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#34
Hexachlorobutadiene
Concen: 39.497 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:225 Resp: 226304
Ion Ratio Lower Upper
225 100
223 61.3 50.0 75.0
227 65.5 51.0 76.6





#35

Caprolactam

Concen: 41.195 ng m

RT: 8.616 min Scan# 1107

Delta R.T. 0.018 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion:113 Resp: 10617

Ion Ratio Lower Upper

113 100

55 210.7 192.5 232.5

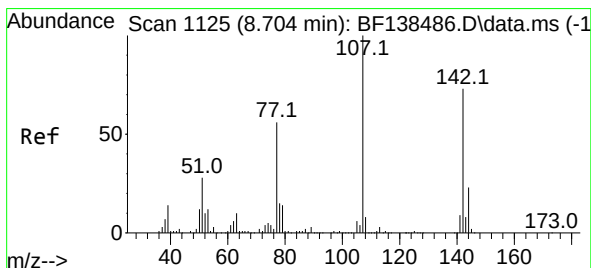
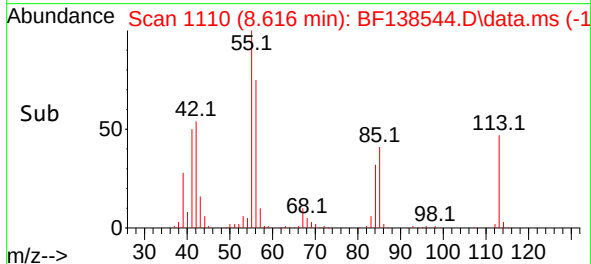
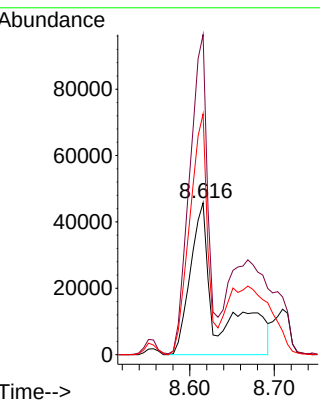
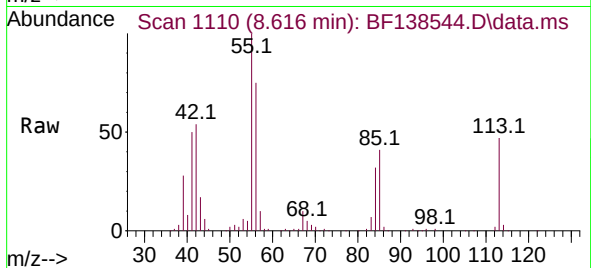
56 158.6 145.3 185.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#36

4-Chloro-3-methylphenol

Concen: 42.502 ng

RT: 8.716 min Scan# 1127

Delta R.T. 0.012 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

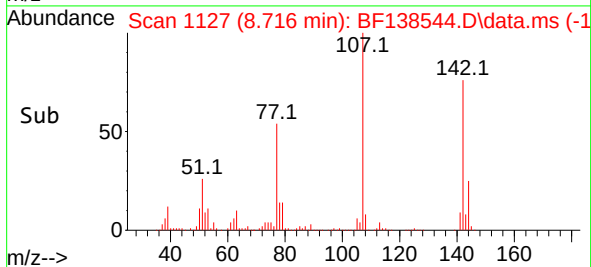
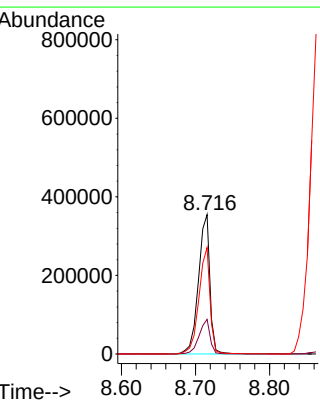
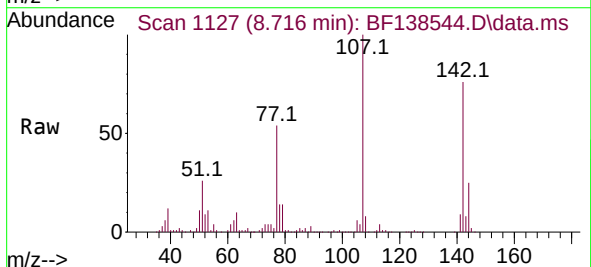
Tgt Ion:107 Resp: 380042

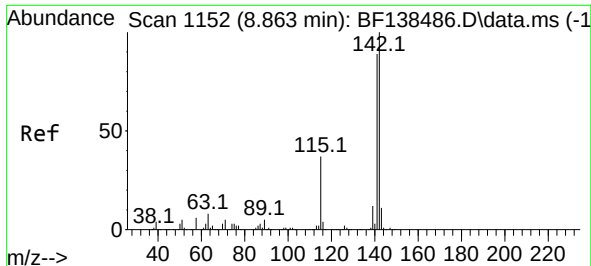
Ion Ratio Lower Upper

107 100

144 24.8 18.6 27.8

142 76.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 41.007 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion:142 Resp: 774224

Ion Ratio Lower Upper

142 100

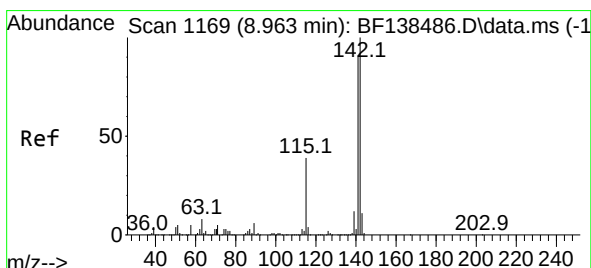
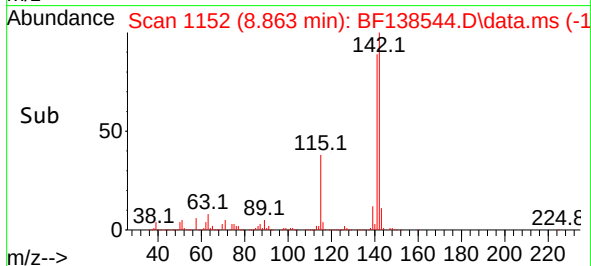
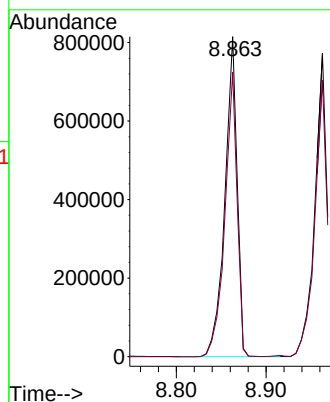
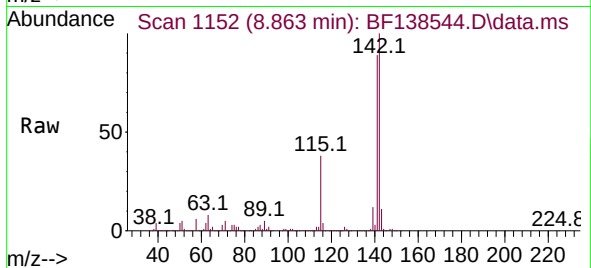
141 88.8 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#38

1-Methylnaphthalene

Concen: 38.839 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF138544.D

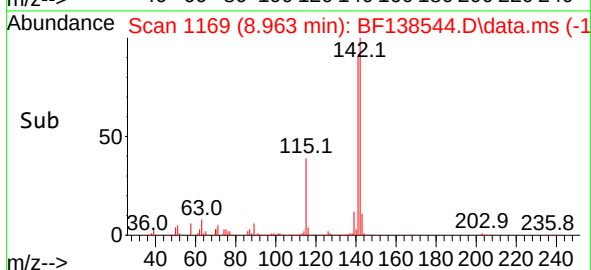
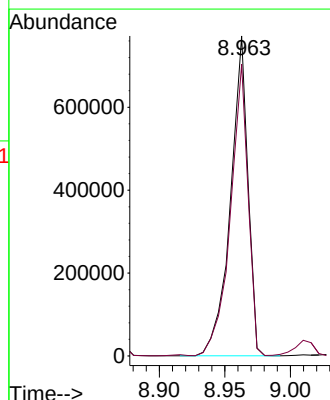
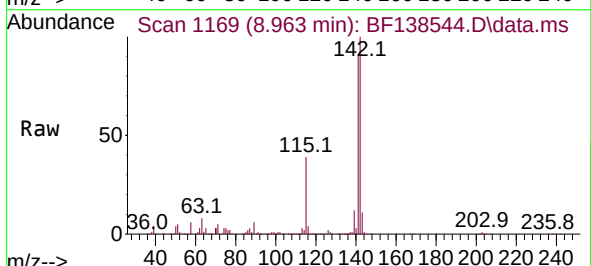
Acq: 12 Jul 2024 13:56

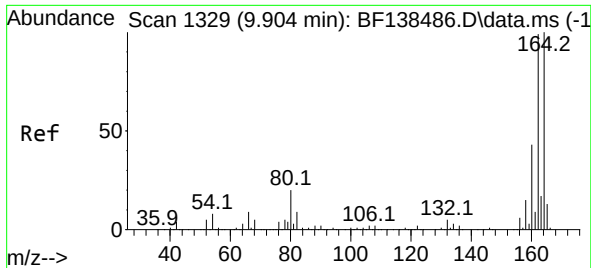
Tgt Ion:142 Resp: 715645

Ion Ratio Lower Upper

142 100

141 91.2 72.6 108.8





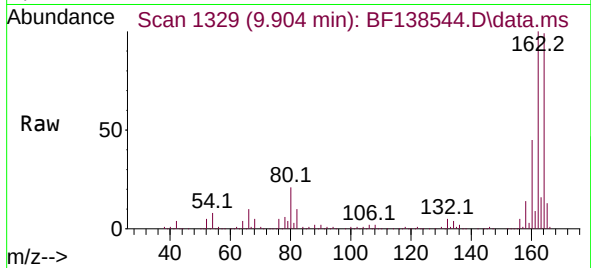
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

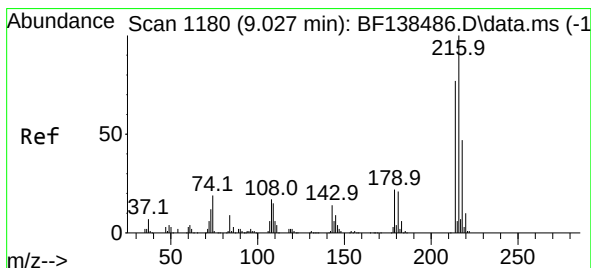
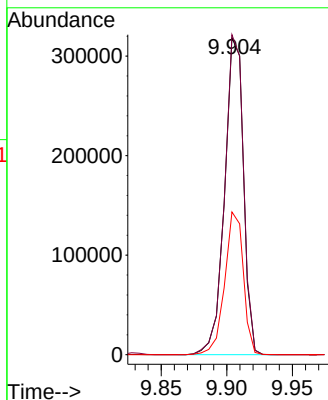
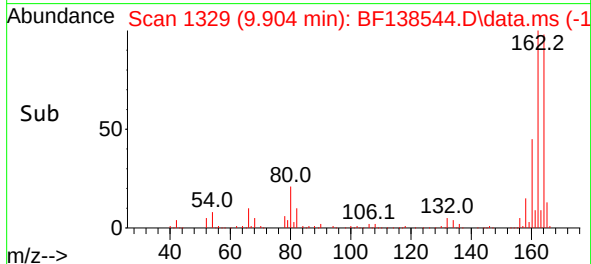


Tgt Ion:164 Resp: 31885
Ion Ratio Lower Upper
164 100
162 101.0 79.0 118.6
160 45.1 34.4 51.6

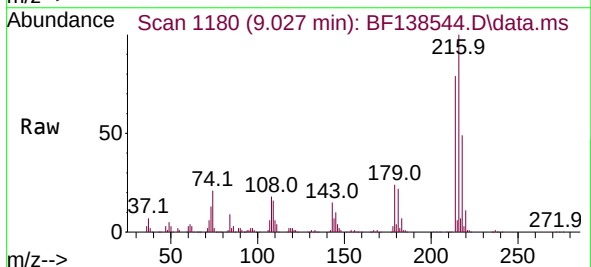
Manual Integrations

APPROVED

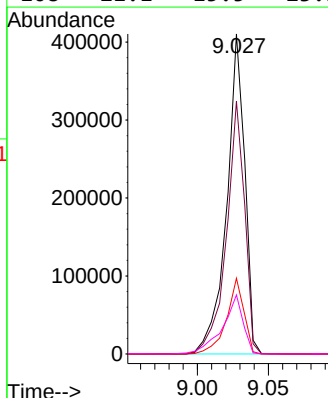
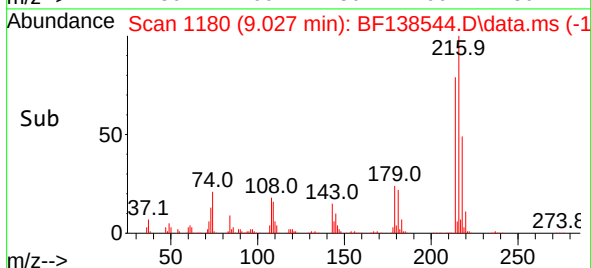
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

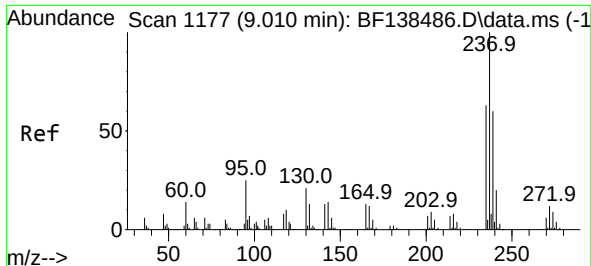


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.892 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



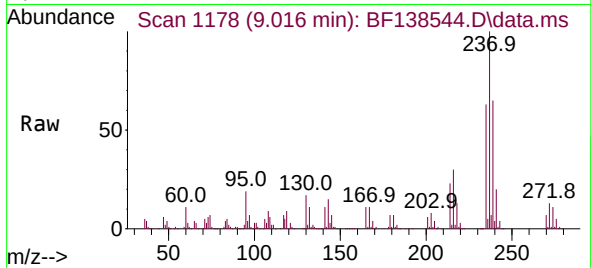
Tgt Ion:216 Resp: 363392
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 22.9 17.7 26.5
108 21.1 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 105.920 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

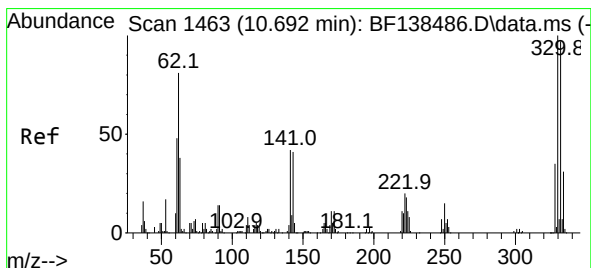
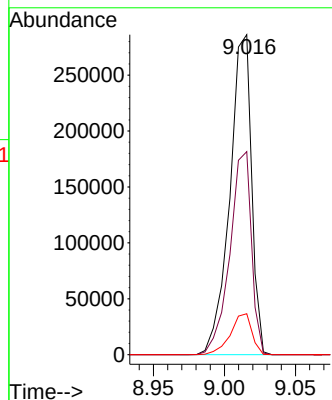
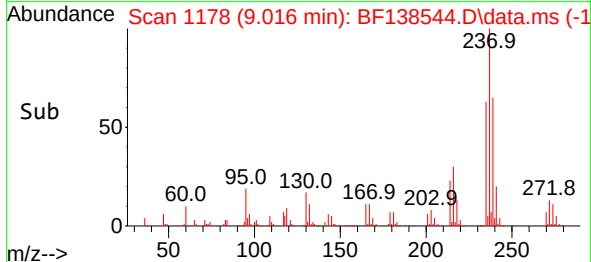
Instrument :
BNA_F
ClientSampleId :
PB161988BS



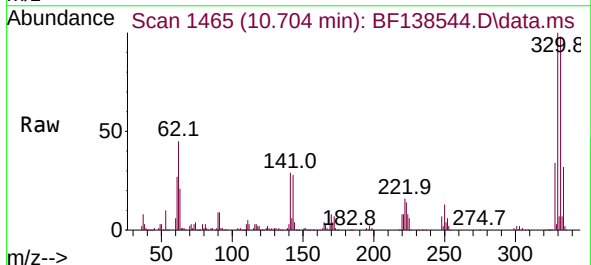
Tgt Ion:237 Resp: 30552
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.8 0.0 32.3

Manual Integrations
APPROVED

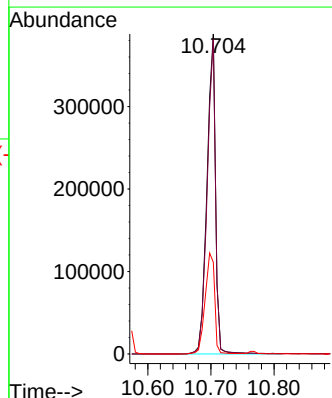
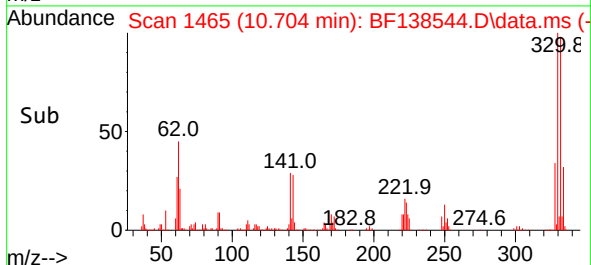
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

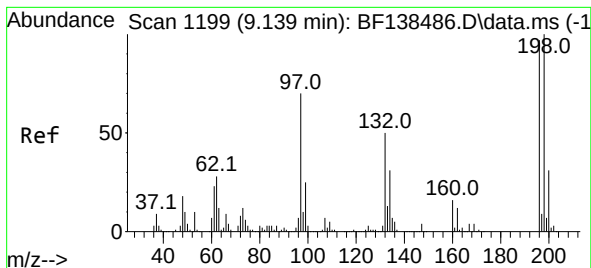


#42
2,4,6-Tribromophenol
Concen: 122.354 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



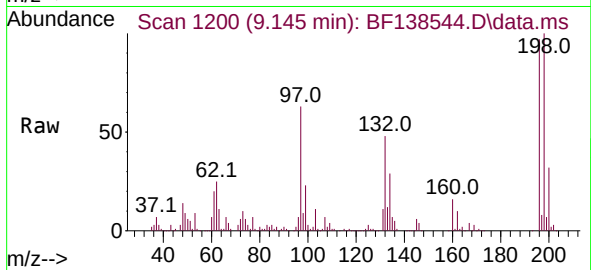
Tgt Ion:330 Resp: 364618
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 35.2 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 41.971 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

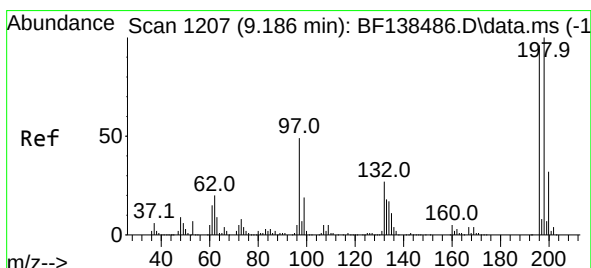
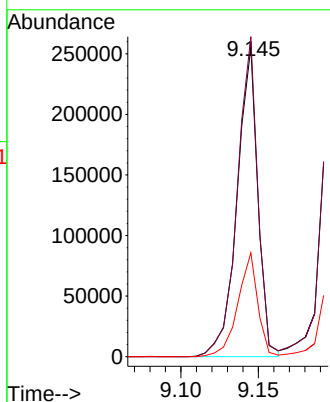
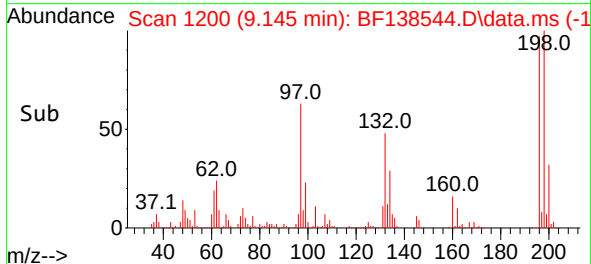
Instrument :
BNA_F
ClientSampleId :
PB161988BS



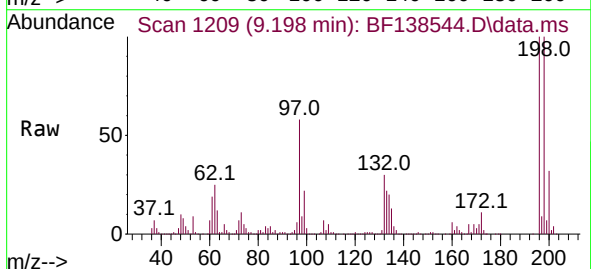
Tgt Ion:196 Resp: 237920
Ion Ratio Lower Upper
196 100
198 103.4 82.3 123.5
200 33.5 25.8 38.6

Manual Integrations
APPROVED

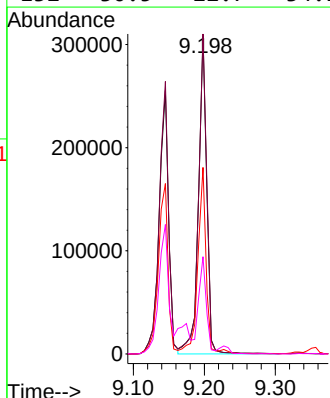
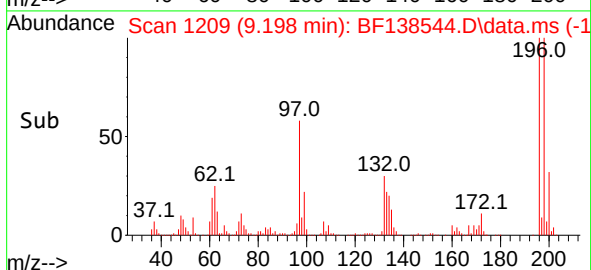
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

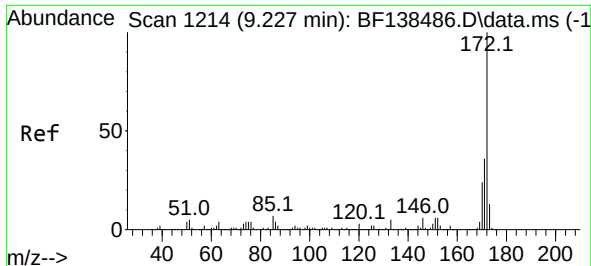


#44
2,4,5-Trichlorophenol
Concen: 40.431 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:196 Resp: 252080
Ion Ratio Lower Upper
196 100
198 100.1 82.8 124.2
97 58.4 41.0 61.4
132 30.5 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 77.685 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion:172 Resp: 158489

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

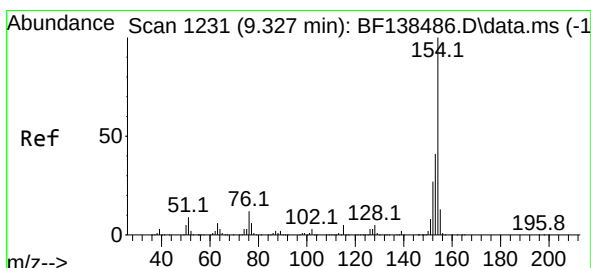
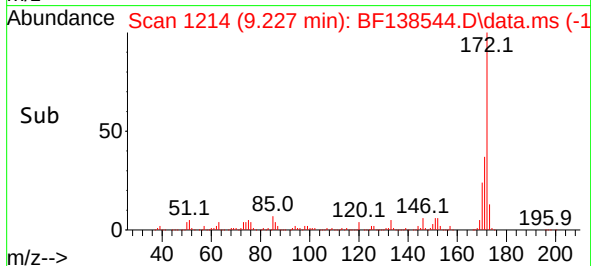
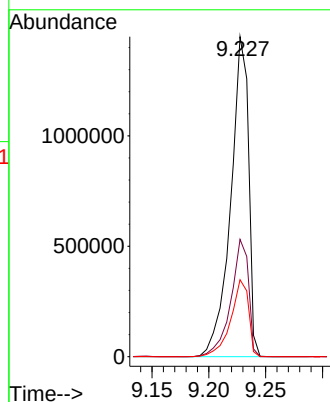
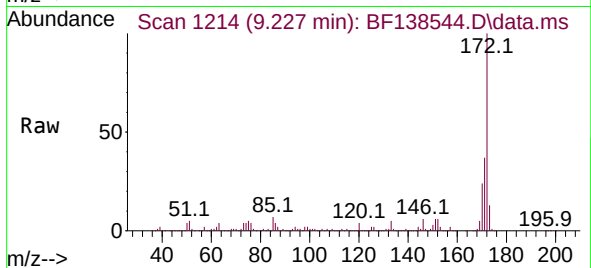
170 24.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#46

1,1'-Biphenyl

Concen: 40.579 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

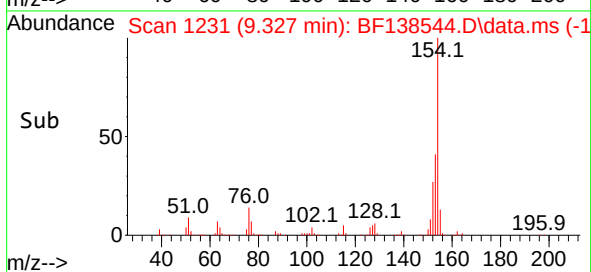
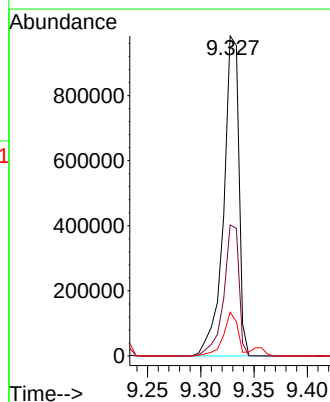
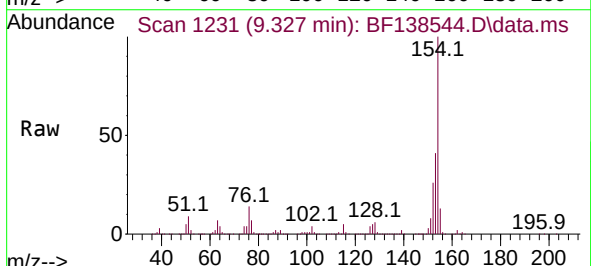
Tgt Ion:154 Resp: 980568

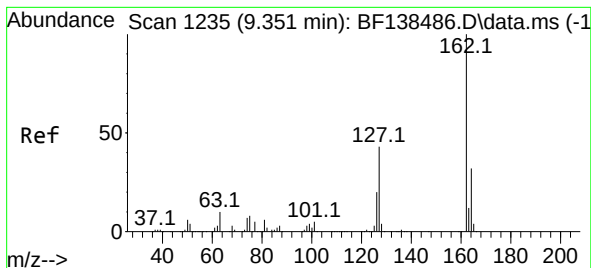
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 13.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 40.265 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

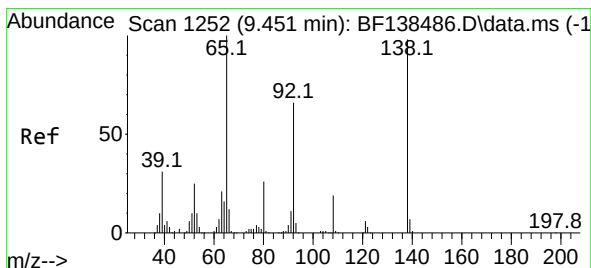
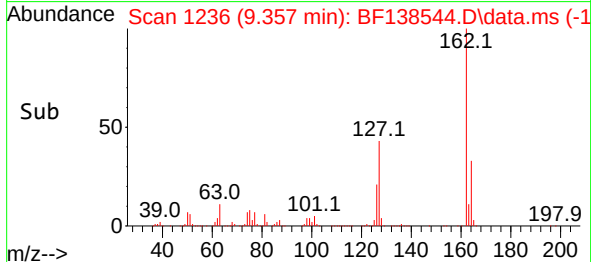
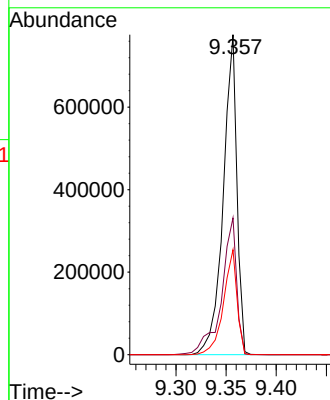
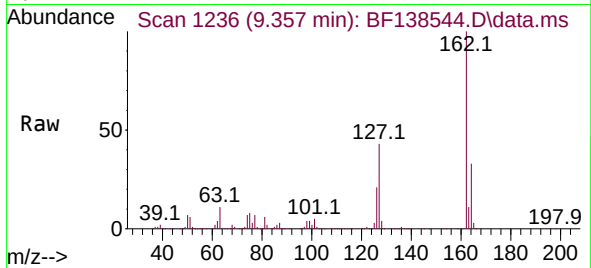
Tgt Ion:162 Resp: 73504
 Ion Ratio Lower Upper
 162 100
 127 42.8 34.8 52.2
 164 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#48

2-Nitroaniline

Concen: 42.588 ng

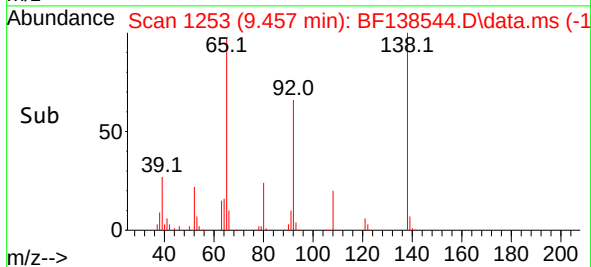
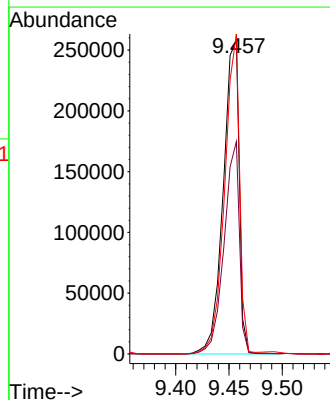
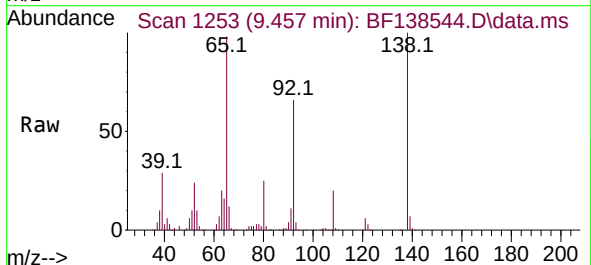
RT: 9.457 min Scan# 1253

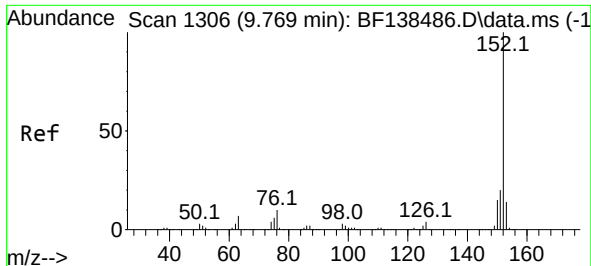
Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Tgt Ion: 65 Resp: 269408
 Ion Ratio Lower Upper
 65 100
 92 67.7 52.6 78.8
 138 102.1 78.6 118.0





#49

Acenaphthylene

Concen: 43.894 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion:152 Resp: 1137650

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

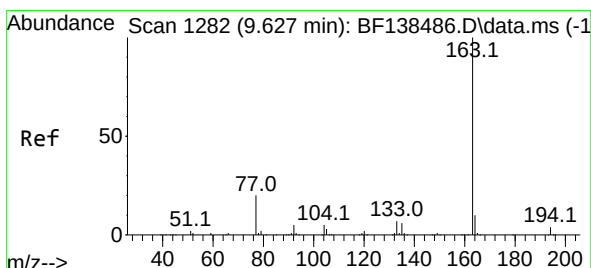
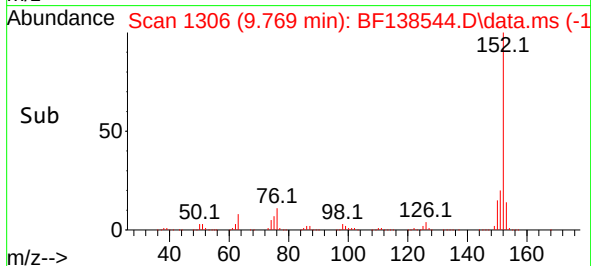
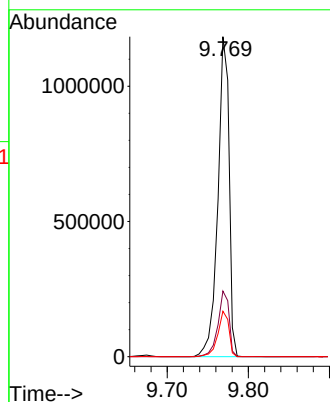
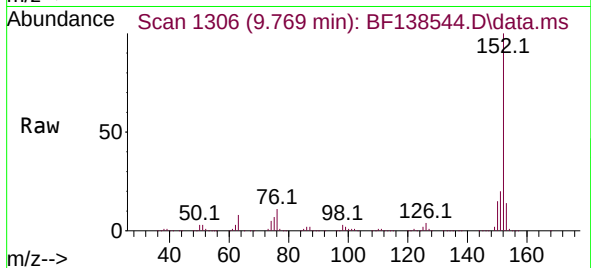
153 14.2 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#50

Dimethylphthalate

Concen: 43.607 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

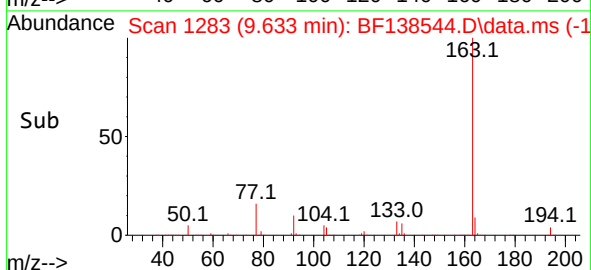
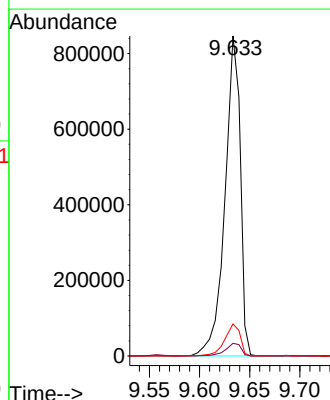
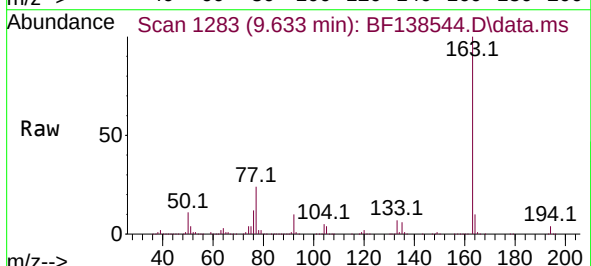
Tgt Ion:163 Resp: 899088

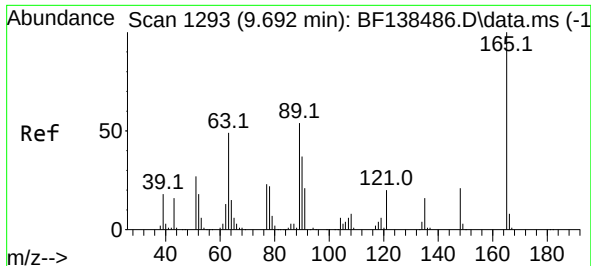
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.513 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

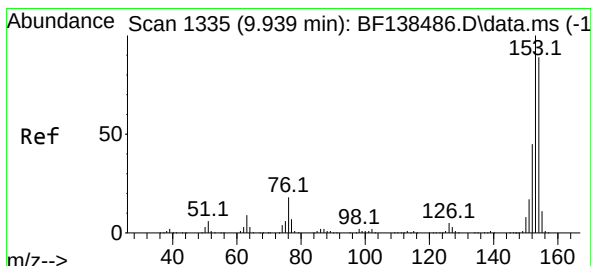
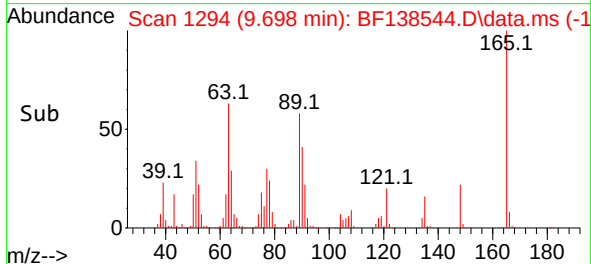
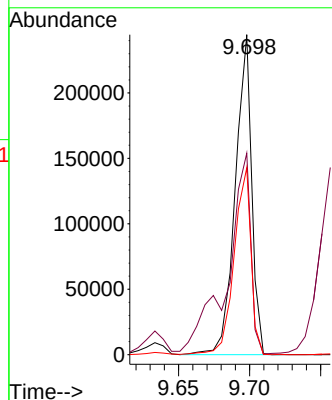
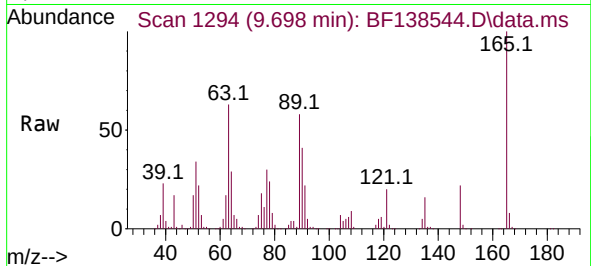
PB161988BS

Tgt Ion:165 Resp: 197070
Ion Ratio Lower Upper
165 100
63 62.9 48.1 72.1
89 58.4 43.0 64.6

Manual Integrations

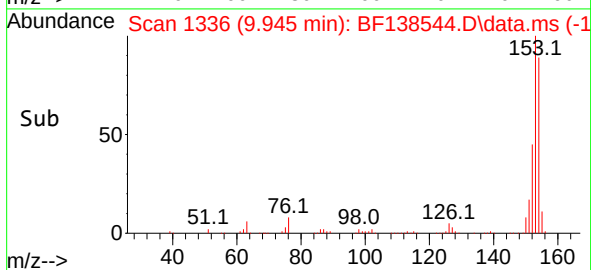
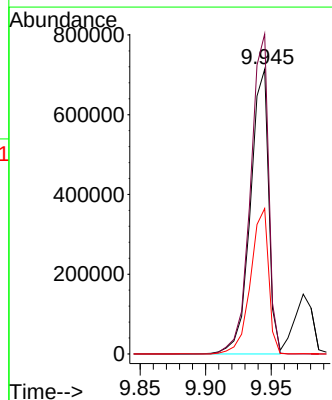
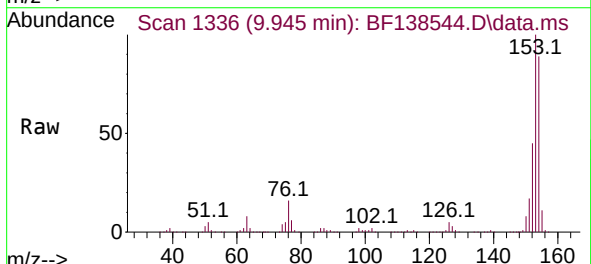
APPROVED

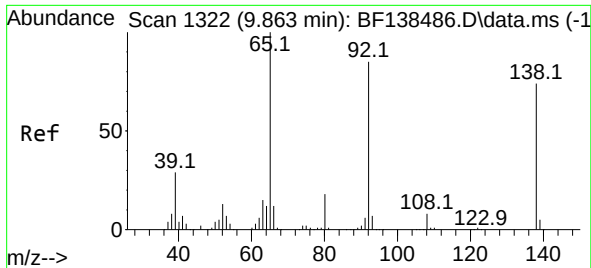
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#52
Acenaphthene
Concen: 40.170 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:154 Resp: 692066
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 51.1 41.1 61.7





#53
3-Nitroaniline
Concen: 28.074 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

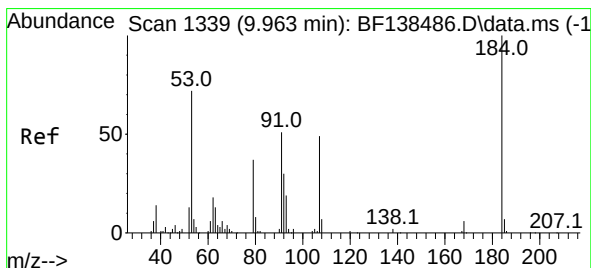
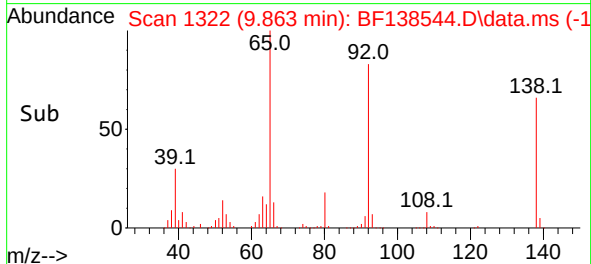
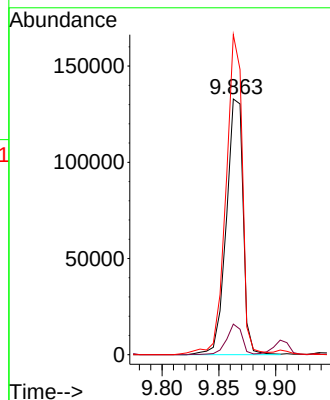
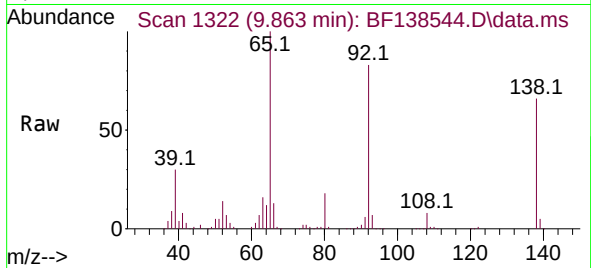
PB161988BS

Tgt Ion:138 Resp: 136594
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 125.1 92.6 138.8

Manual Integrations

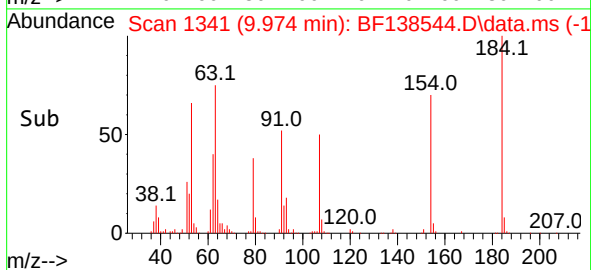
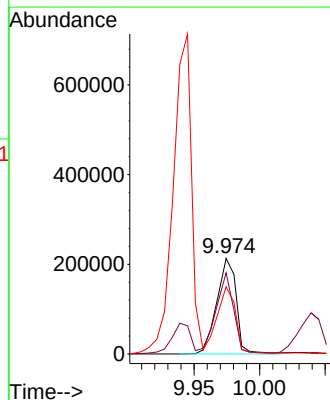
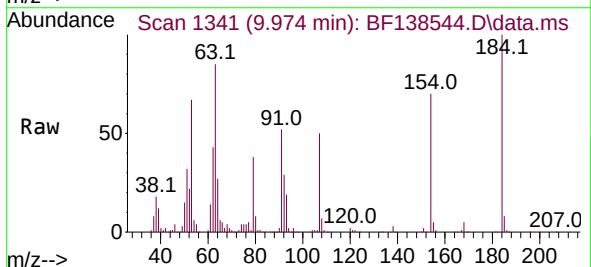
APPROVED

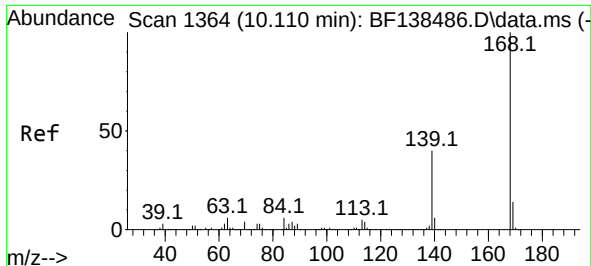
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#54
2,4-Dinitrophenol
Concen: 86.115 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:184 Resp: 220368
Ion Ratio Lower Upper
184 100
63 84.9 70.6 106.0
154 70.3 53.8 80.6





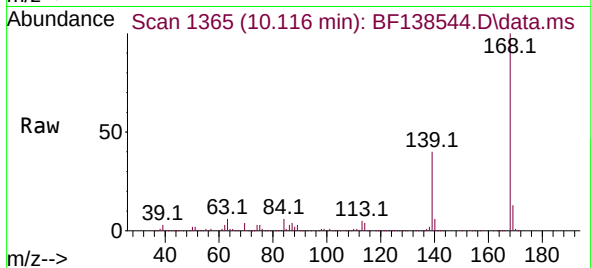
#55
Dibenzenofuran
Concen: 40.809 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



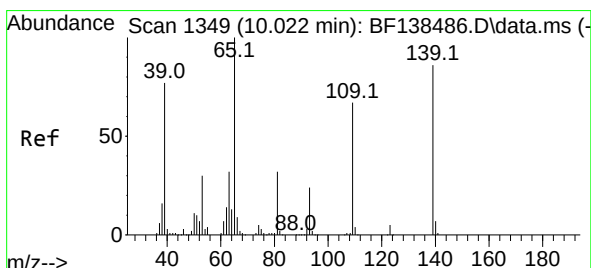
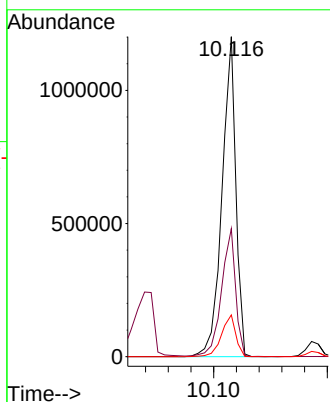
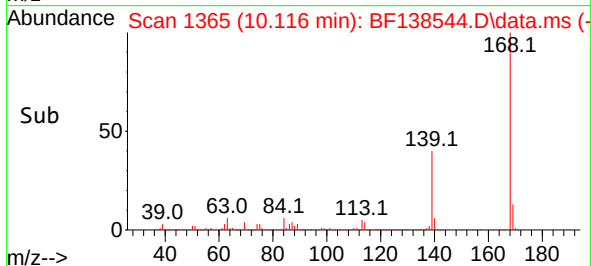
Tgt Ion:168 Resp: 1019780
Ion Ratio Lower Upper
168 100
139 40.0 32.4 48.6
169 13.1 10.9 16.3

Manual Integrations

APPROVED

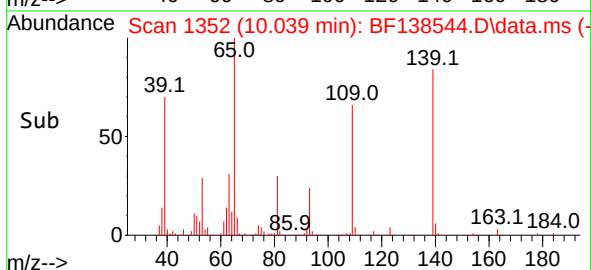
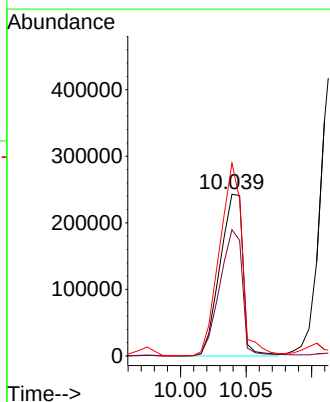
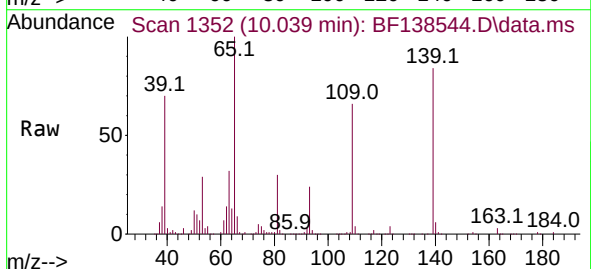
Reviewed By :Yogesh Patel 07/13/2024

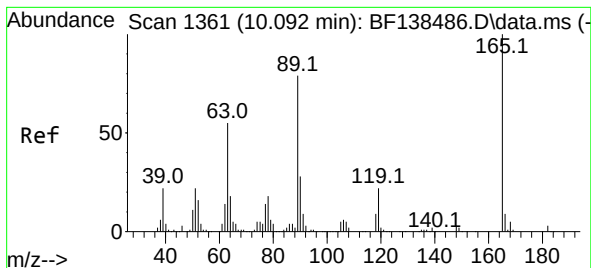
Supervised By :mohammad ahmed 07/19/2024



#56
4-Nitrophenol
Concen: 82.235 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:139 Resp: 295232
Ion Ratio Lower Upper
139 100
109 78.1 58.1 98.1
65 119.1 96.9 136.9





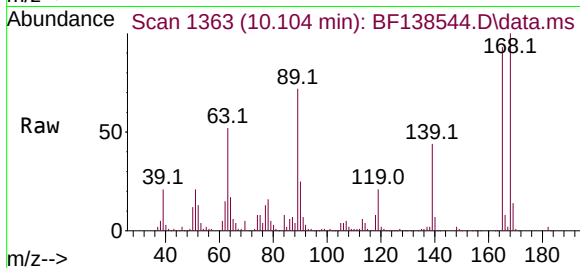
#57
2,4-Dinitrotoluene
Concen: 41.552 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



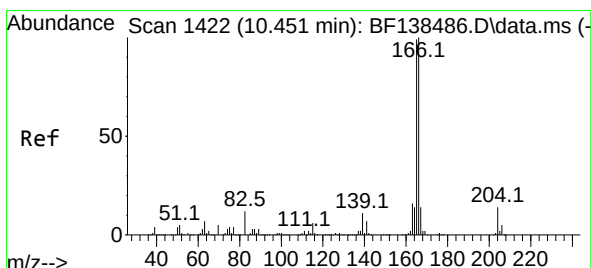
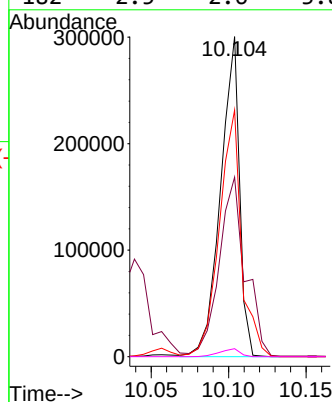
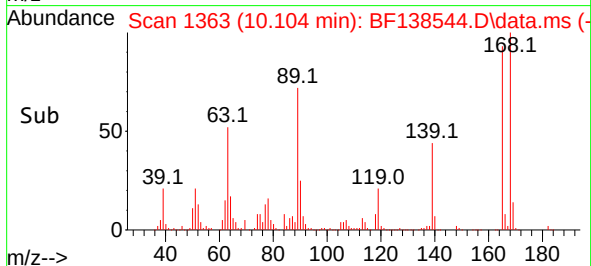
Tgt Ion:165 Resp: 255229
Ion Ratio Lower Upper
165 100
63 56.1 44.6 66.8
89 77.0 63.4 95.2
182 2.5 2.6 3.8#

Manual Integrations

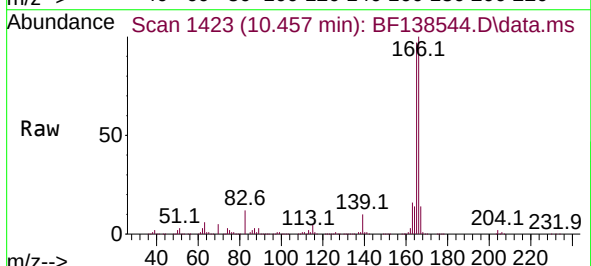
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

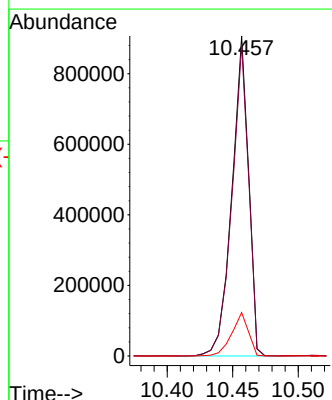
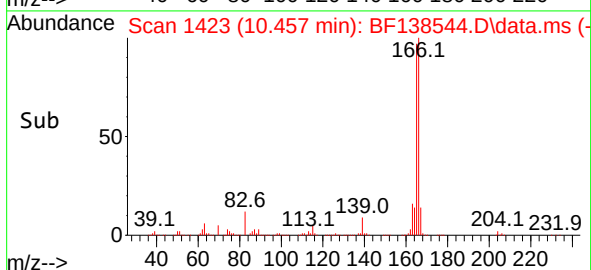
Supervised By :mohammad ahmed 07/19/2024

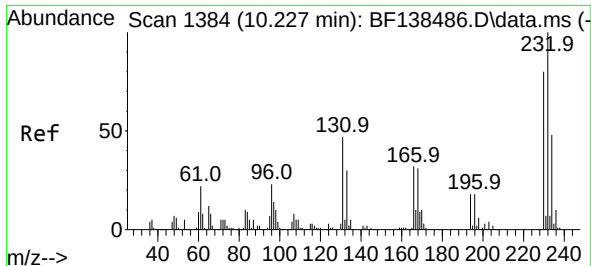


#58
Fluorene
Concen: 40.590 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:166 Resp: 802576
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.677 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

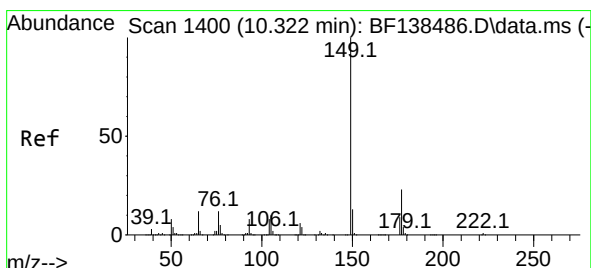
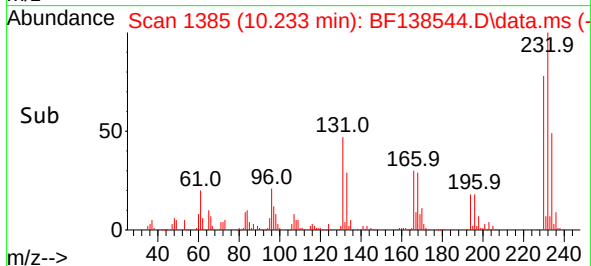
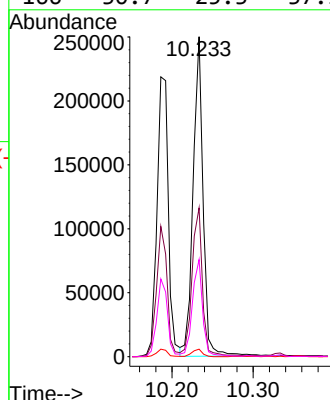
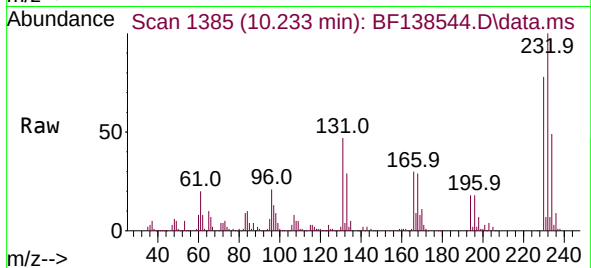
Tgt Ion:232 Resp: 21491
Ion Ratio Lower Upper
232 100
131 48.7 37.5 56.3
130 2.5 2.0 3.0
166 30.7 25.3 37.9

Manual Integrations

APPROVED

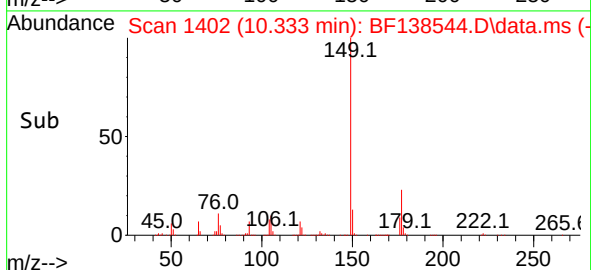
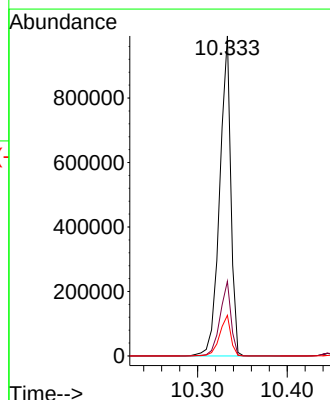
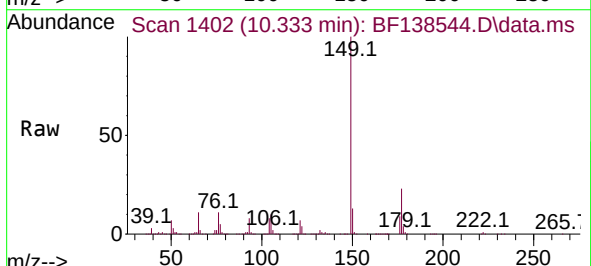
Reviewed By :Yogesh Patel 07/13/2024

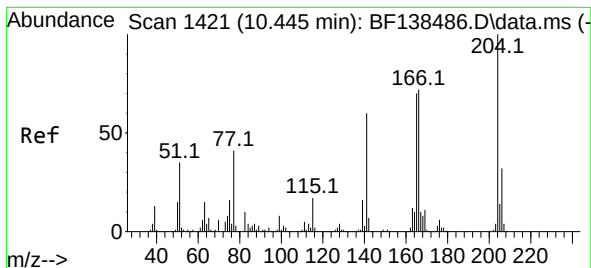
Supervised By :mohammad ahmed 07/19/2024



#60
Diethylphthalate
Concen: 42.813 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.012 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:149 Resp: 850980
Ion Ratio Lower Upper
149 100
177 23.4 18.5 27.7
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.845 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

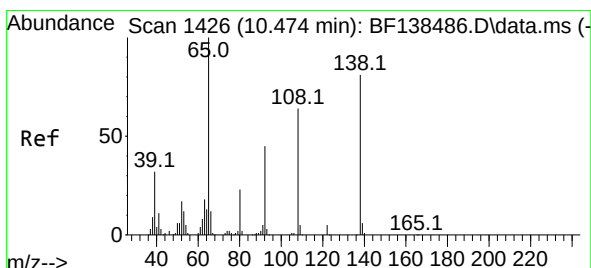
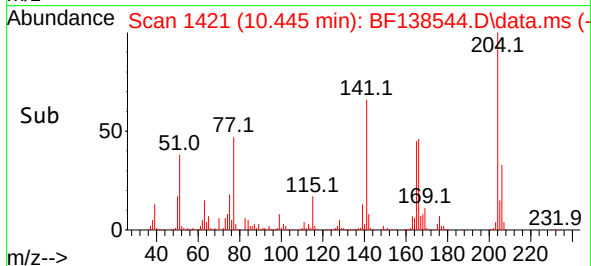
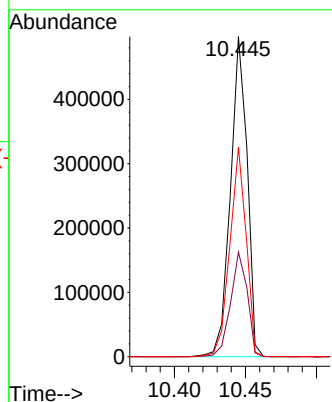
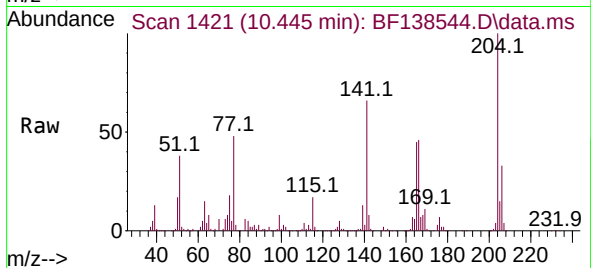
PB161988BS

Tgt Ion:204 Resp: 405530
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 65.5 47.7 71.5

Manual Integrations

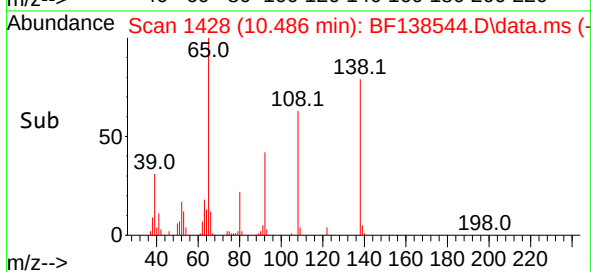
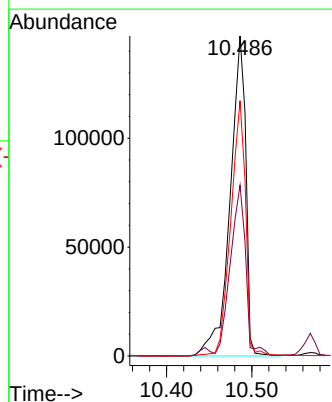
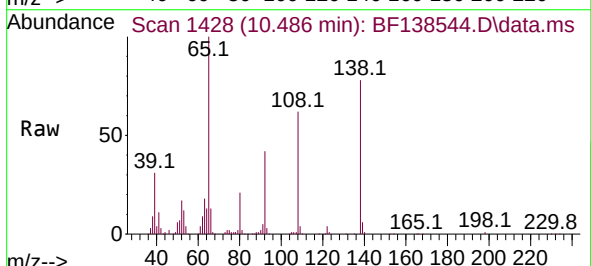
APPROVED

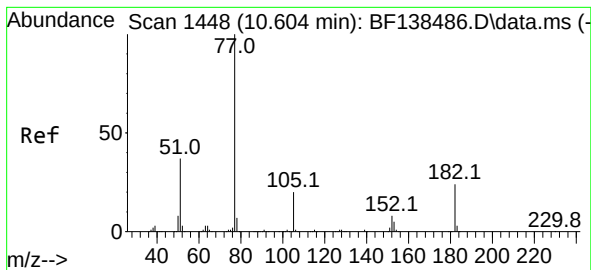
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#62
4-Nitroaniline
Concen: 38.651 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:138 Resp: 188452
Ion Ratio Lower Upper
138 100
92 53.3 35.8 75.8
108 79.8 59.8 99.8





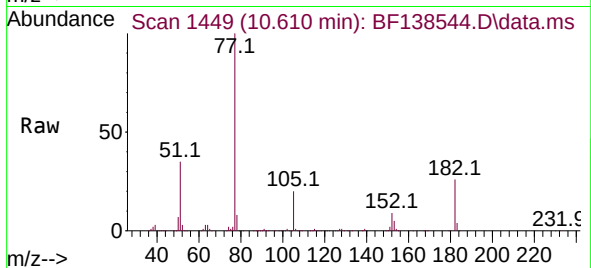
#63
Azobenzene
Concen: 42.136 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



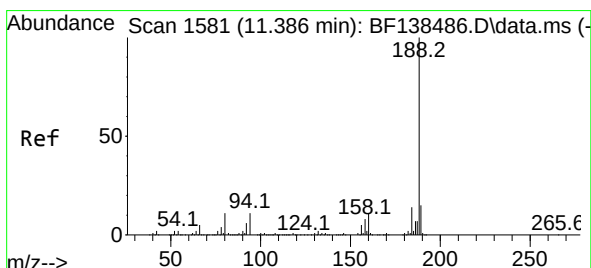
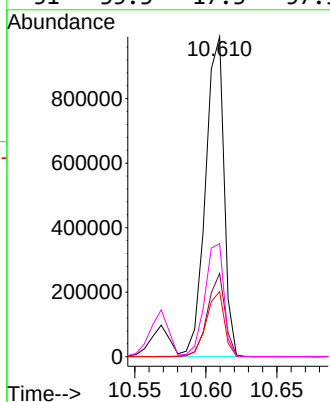
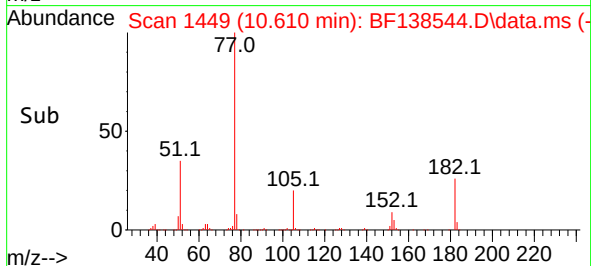
Tgt Ion: 77 Resp: 90043
Ion Ratio Lower Upper
77 100
182 26.0 3.8 43.8
105 20.3 0.0 39.8
51 35.3 17.3 57.3

Manual Integrations

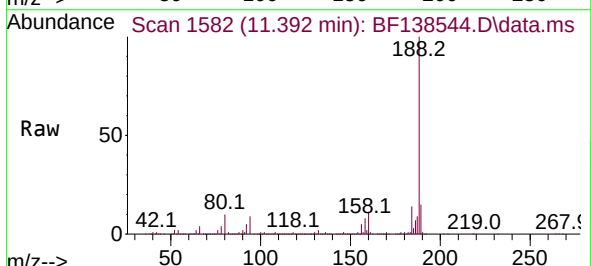
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

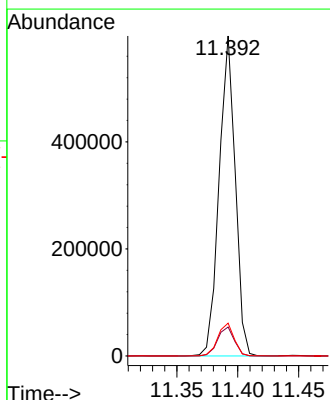
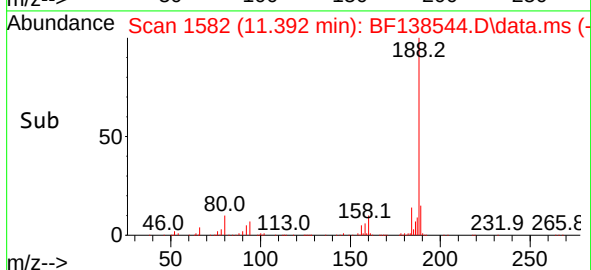
Supervised By :mohammad ahmed 07/19/2024

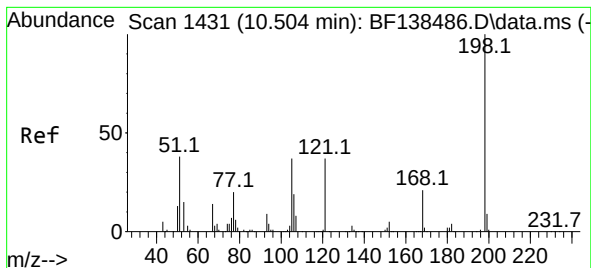


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



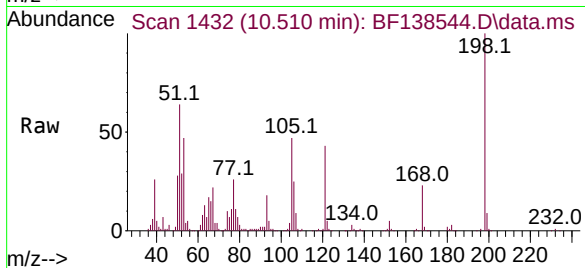
Tgt Ion:188 Resp: 551470
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 10.2 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 48.287 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

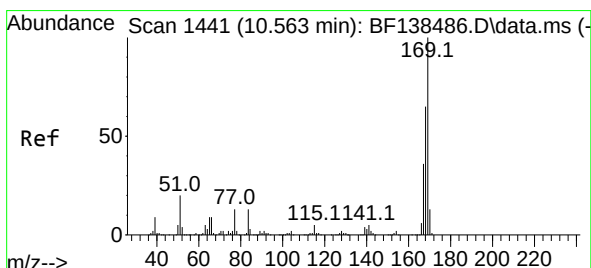
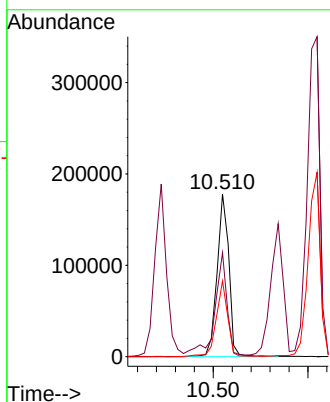
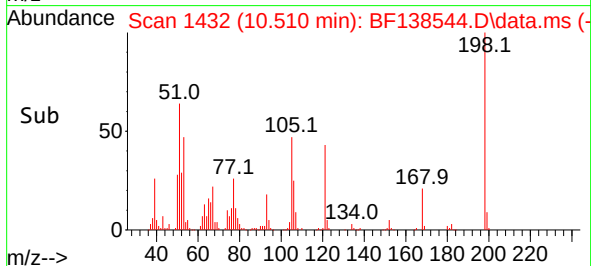
Instrument :
BNA_F
ClientSampleId :
PB161988BS



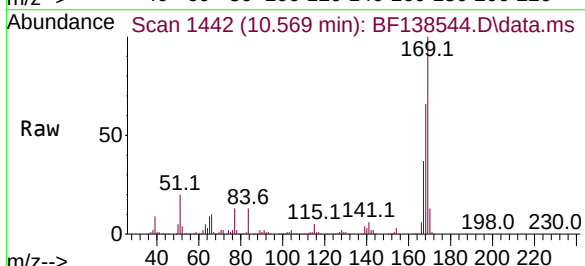
Tgt Ion:198 Resp: 153750
Ion Ratio Lower Upper
198 100
51 63.8 27.2 67.2
105 46.5 18.5 58.5

Manual Integrations
APPROVED

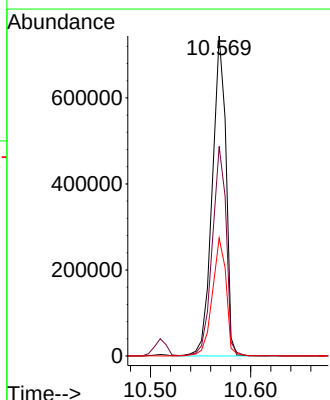
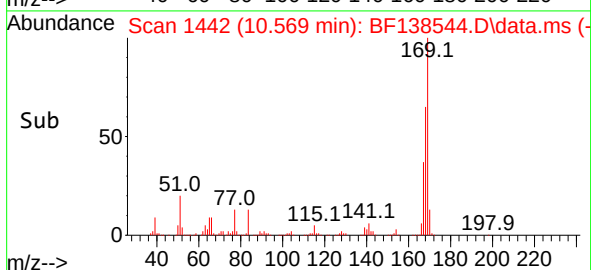
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

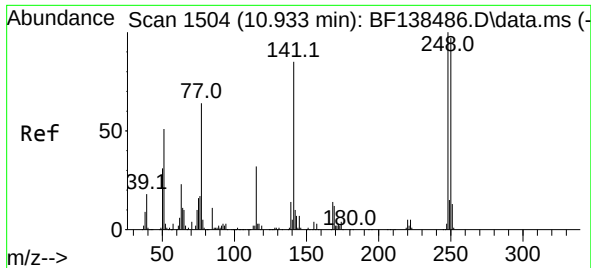


#66
n-Nitrosodiphenylamine
Concen: 42.714 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:169 Resp: 705739
Ion Ratio Lower Upper
169 100
168 65.5 51.7 77.5
167 36.8 28.5 42.7





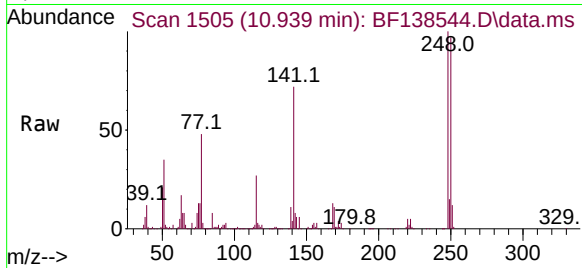
#67
4-Bromophenyl-phenylether
Concen: 42.457 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



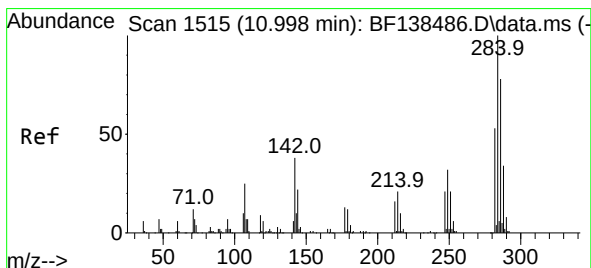
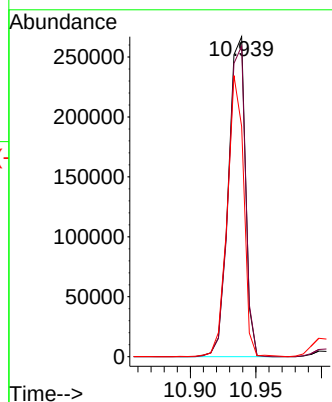
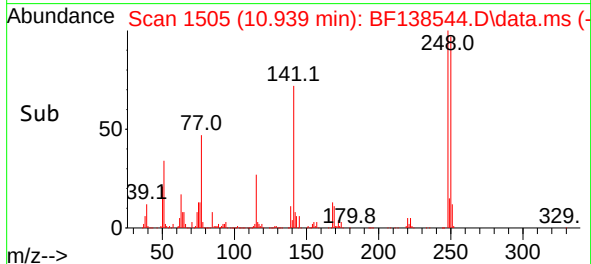
Tgt Ion:248 Resp: 240649
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 71.9 67.7 101.5

Manual Integrations

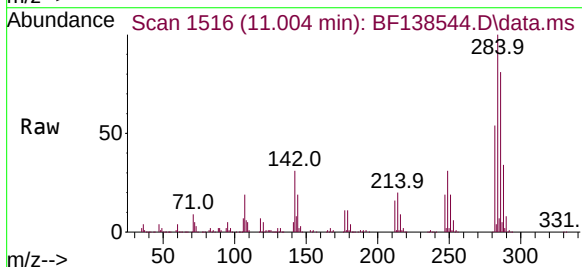
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

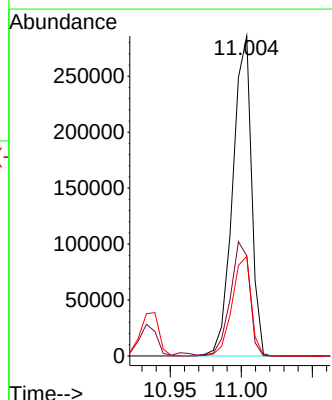
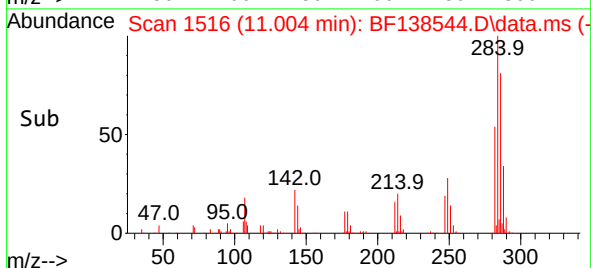
Supervised By :mohammad ahmed 07/19/2024

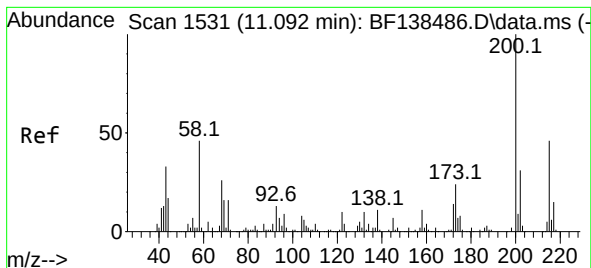


#68
Hexachlorobenzene
Concen: 41.727 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:284 Resp: 262744
Ion Ratio Lower Upper
284 100
142 31.3 30.5 45.7
249 31.1 25.9 38.9





#69

Atrazine

Concen: 37.812 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion:200 Resp: 207132

Ion Ratio Lower Upper

200 100

173 25.0 4.1 44.1

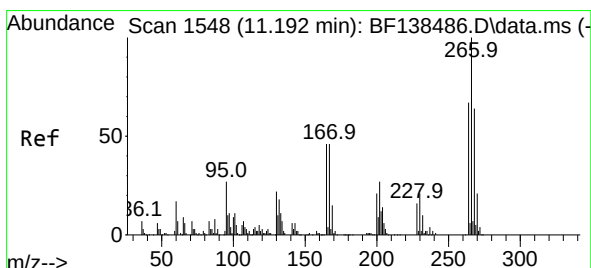
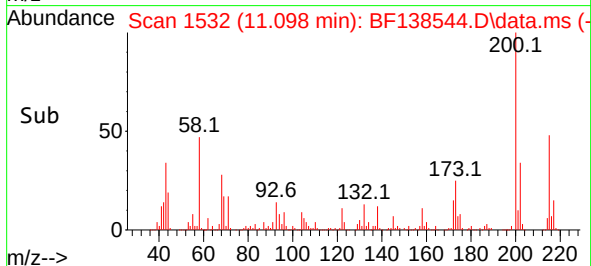
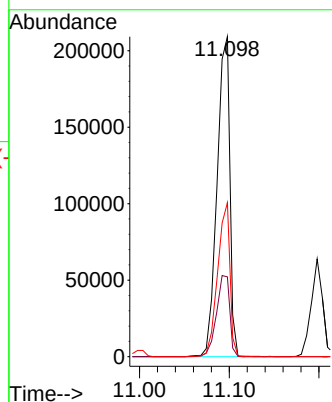
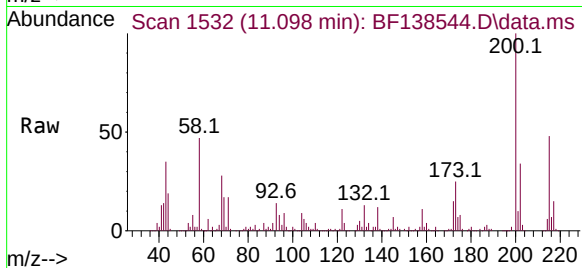
215 48.1 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#70

Pentachlorophenol

Concen: 82.356 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

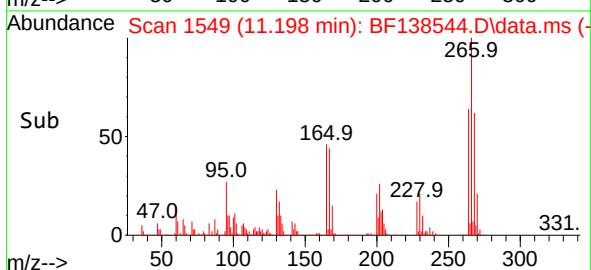
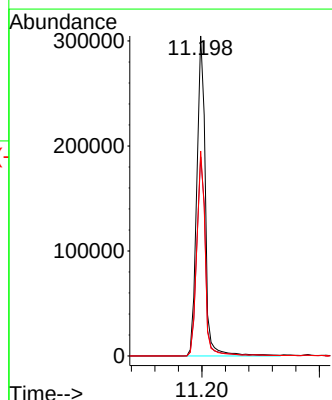
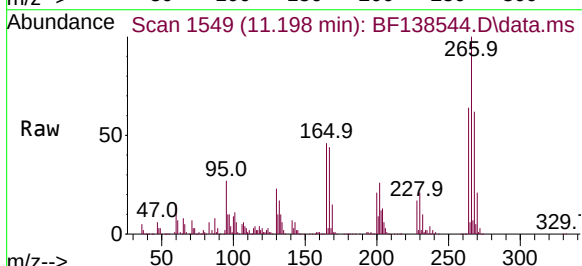
Tgt Ion:266 Resp: 306858

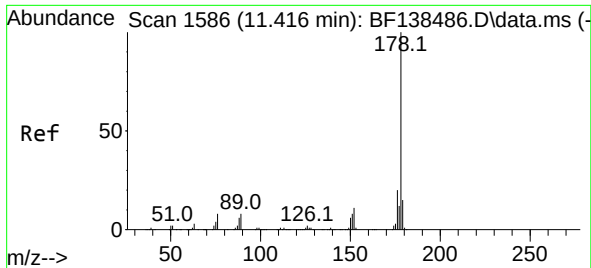
Ion Ratio Lower Upper

266 100

268 62.2 50.9 76.3

264 64.0 53.5 80.3





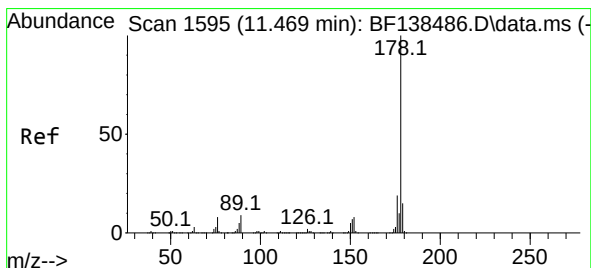
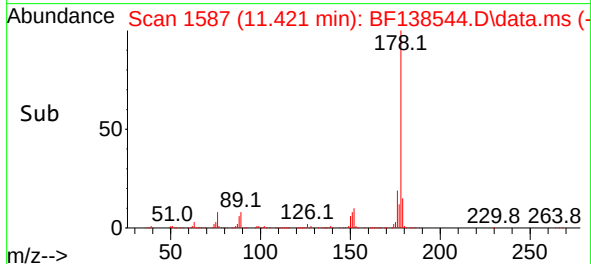
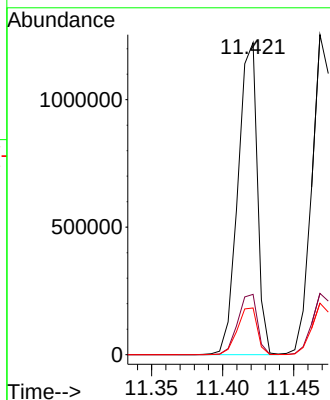
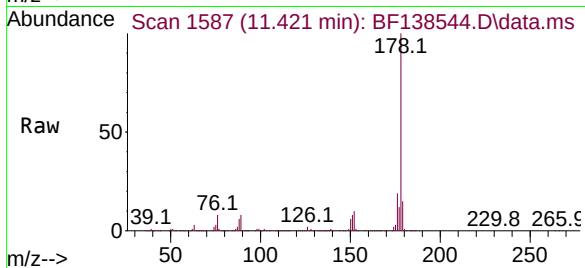
#71
Phenanthrene
Concen: 41.818 ng
RT: 11.421 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :
BNA_F
ClientSampleId :
PB161988BS

Tgt Ion:178 Resp: 1165084
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.0 12.2 18.2

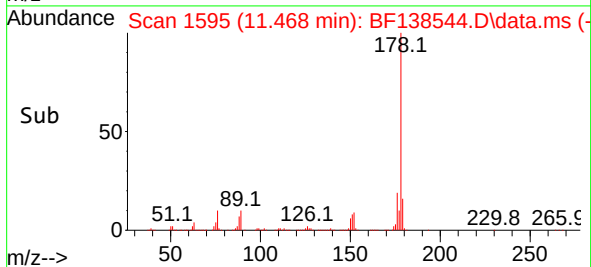
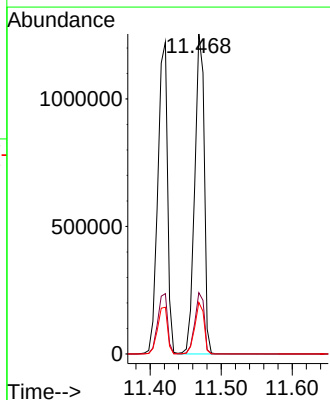
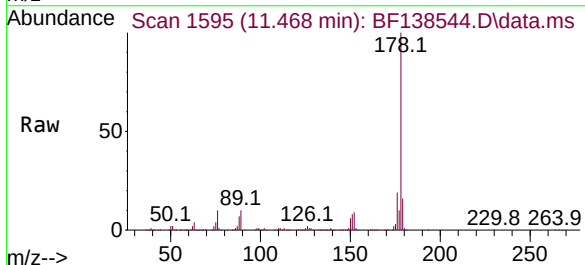
Manual Integrations
APPROVED

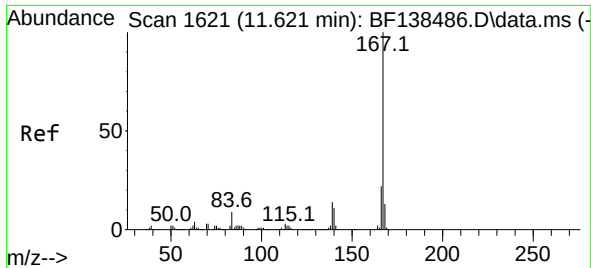
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#72
Anthracene
Concen: 42.398 ng
RT: 11.468 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

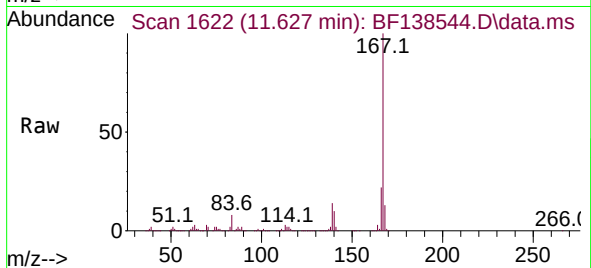
Tgt Ion:178 Resp: 1172577
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 16.1 12.2 18.4





#73
Carbazole
Concen: 40.313 ng
RT: 11.627 min Scan# 1621
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

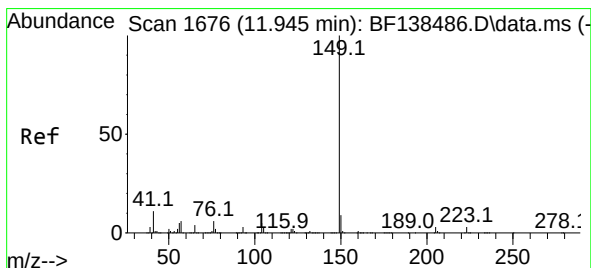
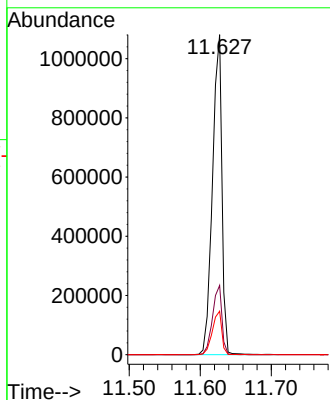
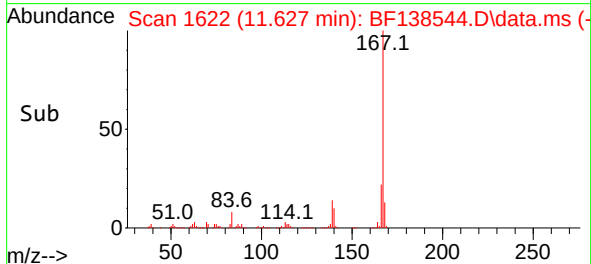
Instrument :
BNA_F
ClientSampleId :
PB161988BS



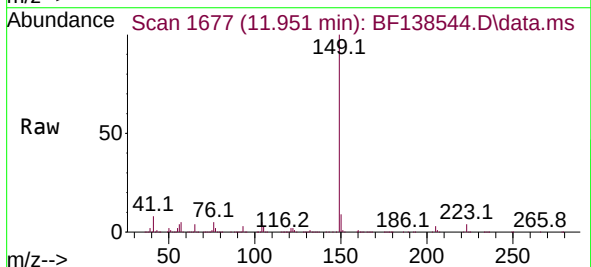
Tgt Ion:167 Resp: 1001939
Ion Ratio Lower Upper
167 100
166 21.7 17.8 26.6
139 13.6 11.0 16.4

Manual Integrations
APPROVED

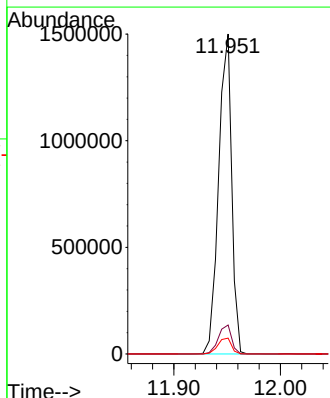
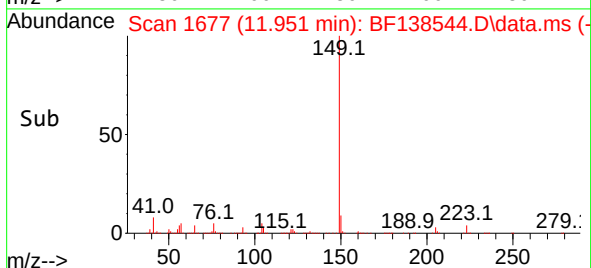
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

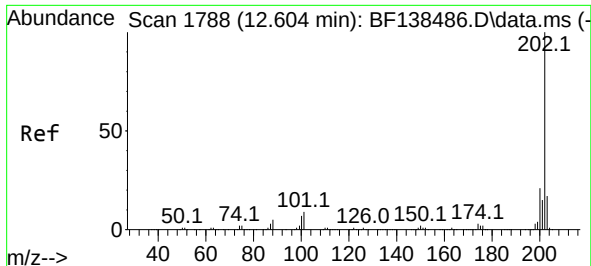


#74
Di-n-butylphthalate
Concen: 44.280 ng
RT: 11.951 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



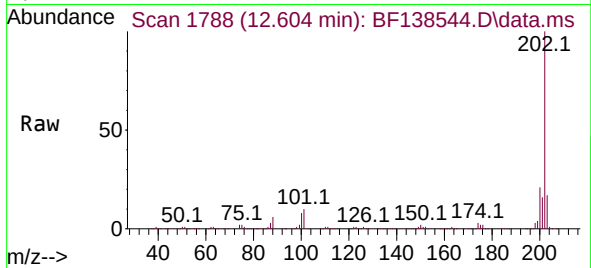
Tgt Ion:149 Resp: 1268550
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 38.845 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

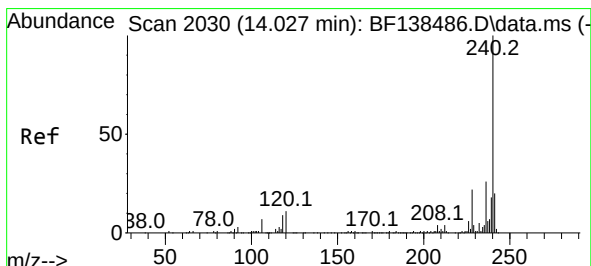
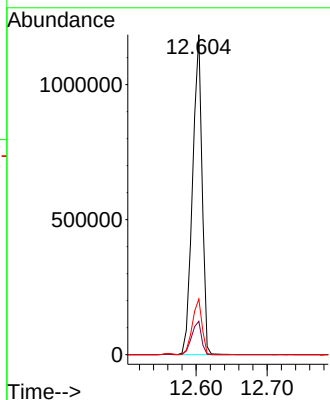
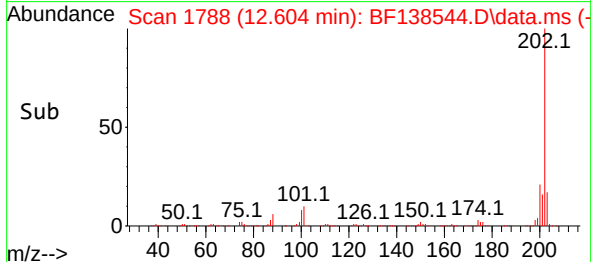
Instrument :
BNA_F
ClientSampleId :
PB161988BS



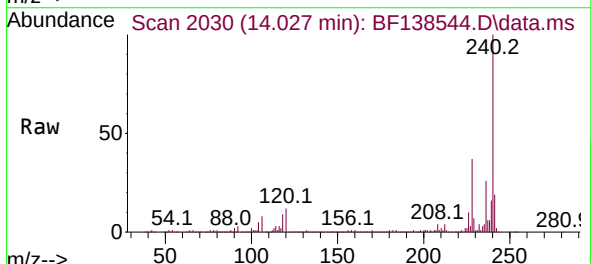
Tgt Ion:202 Resp: 110432
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.2
203 17.4 0.0 37.3

Manual Integrations
APPROVED

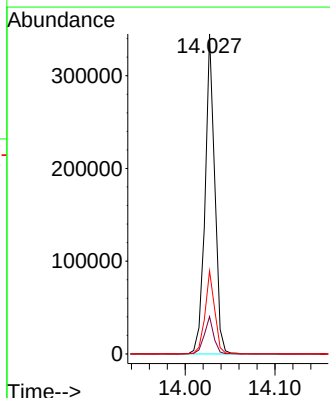
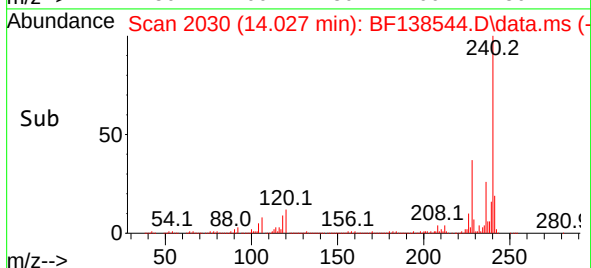
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

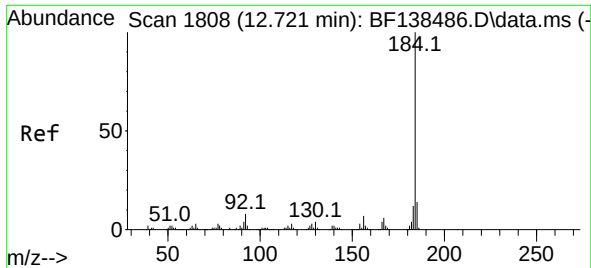


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:240 Resp: 258149
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.0 21.0 31.6





#77
Benzidine
Concen: 10.589 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

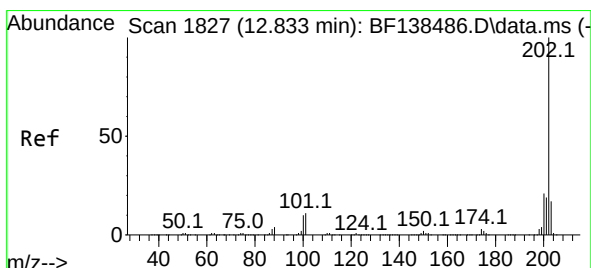
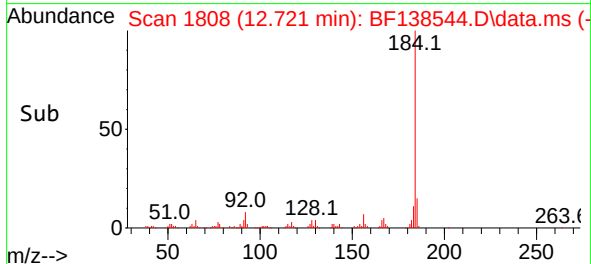
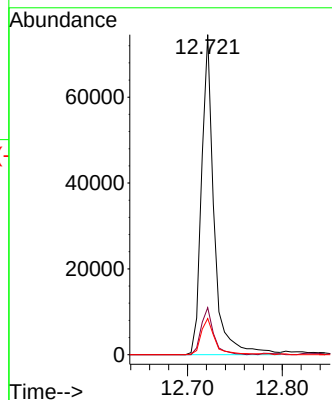
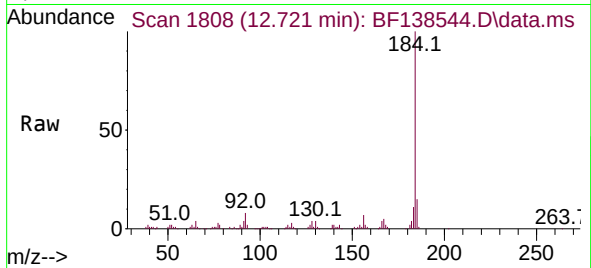
PB161988BS

Tgt Ion:184 Resp: 6896
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 11.3 9.5 14.3

Manual Integrations

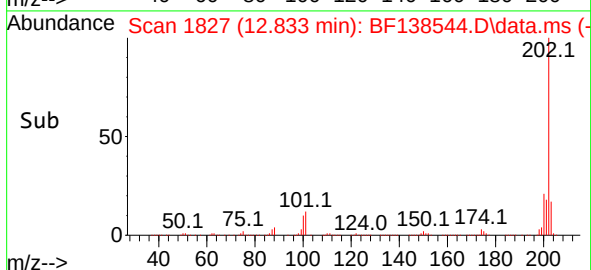
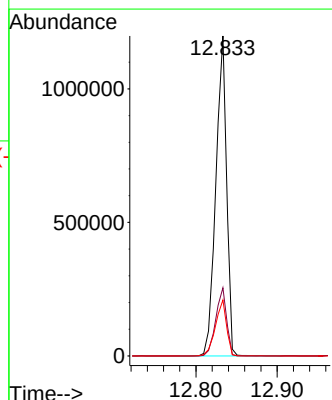
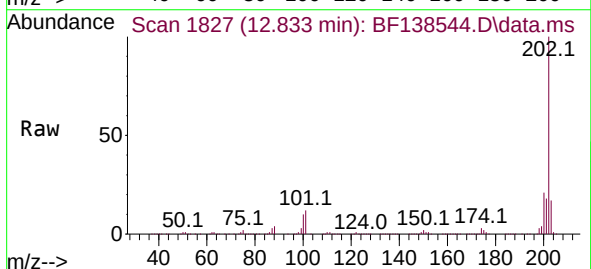
APPROVED

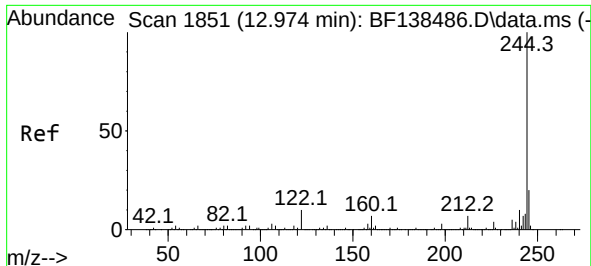
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#78
Pyrene
Concen: 42.042 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:202 Resp: 1101743
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 13.7 20.5





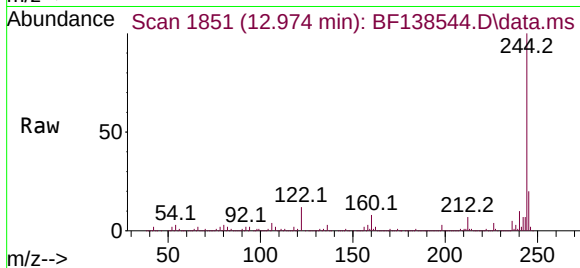
#79
 Terphenyl-d14
 Concen: 95.822 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF138544.D
 Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



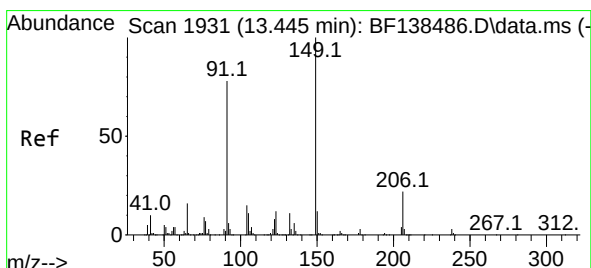
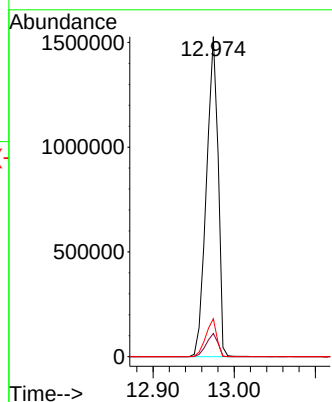
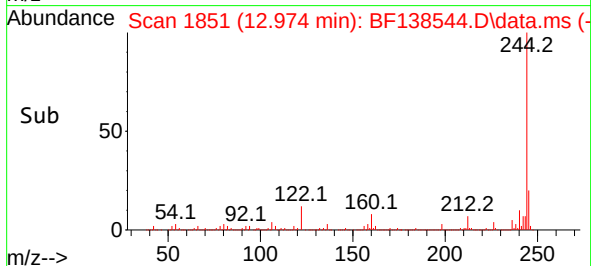
Tgt Ion:244 Resp: 151838
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.9 7.8 11.8

Manual Integrations

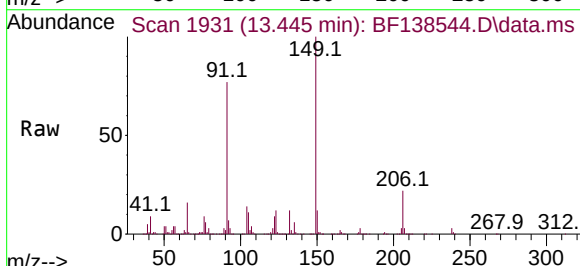
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

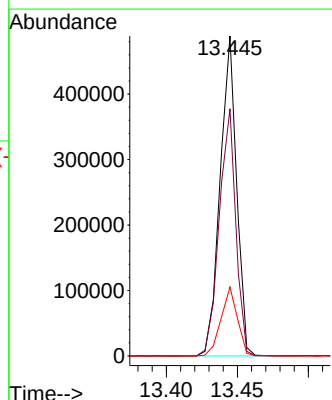
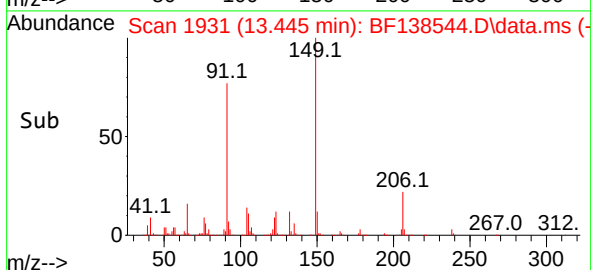
Supervised By :mohammad ahmed 07/19/2024

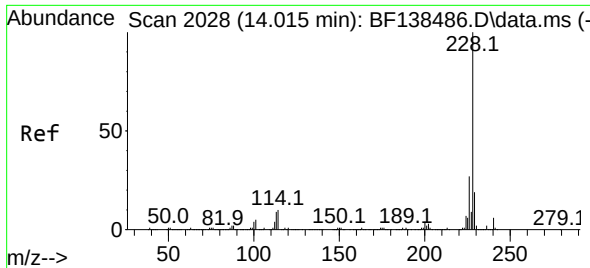


#80
 Butylbenzylphthalate
 Concen: 49.954 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF138544.D
 Acq: 12 Jul 2024 13:56



Tgt Ion:149 Resp: 393792
 Ion Ratio Lower Upper
 149 100
 91 77.2 62.1 93.1
 206 21.6 18.0 27.0





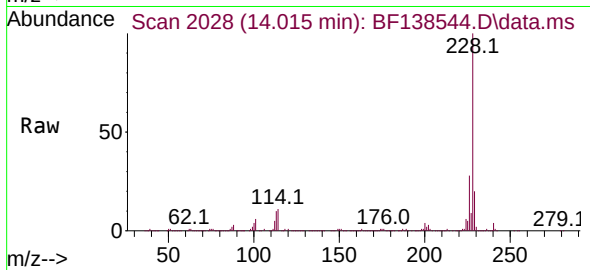
#81
Benzo(a)anthracene
Concen: 42.775 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS



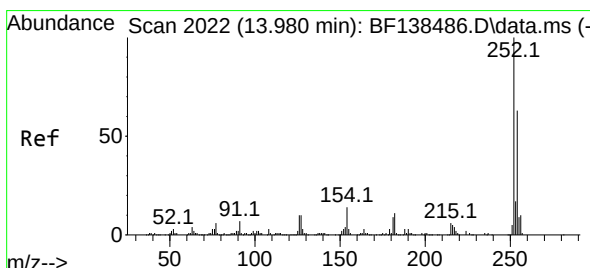
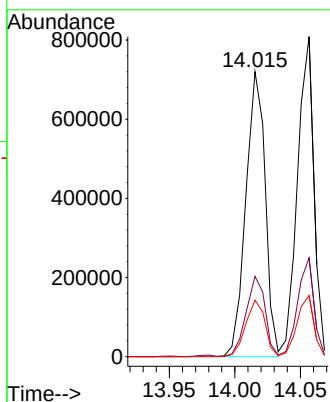
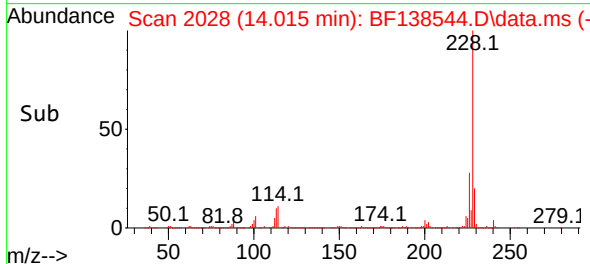
Tgt Ion:228 Resp: 740949
Ion Ratio Lower Upper
228 100
226 28.2 21.9 32.9
229 19.8 15.5 23.3

Manual Integrations

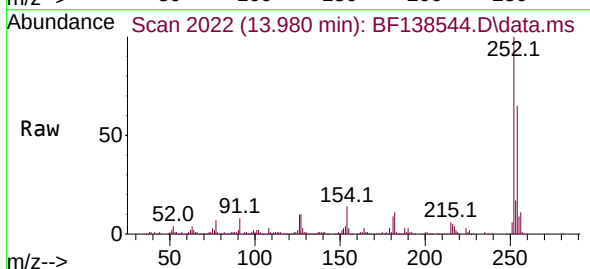
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

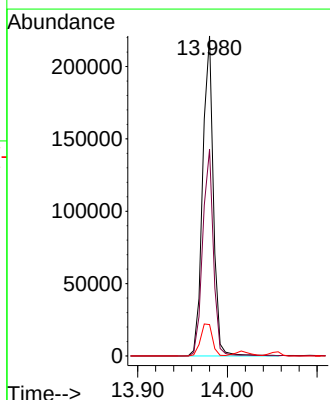
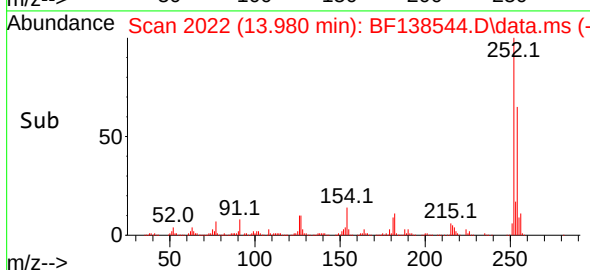
Supervised By :mohammad ahmed 07/19/2024

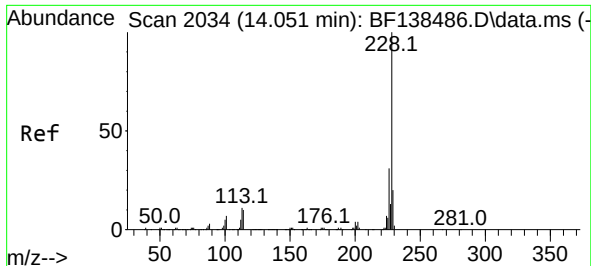


#82
3,3'-Dichlorobenzidine
Concen: 40.938 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:252 Resp: 182724
Ion Ratio Lower Upper
252 100
254 64.5 50.3 75.5
126 9.8 8.1 12.1





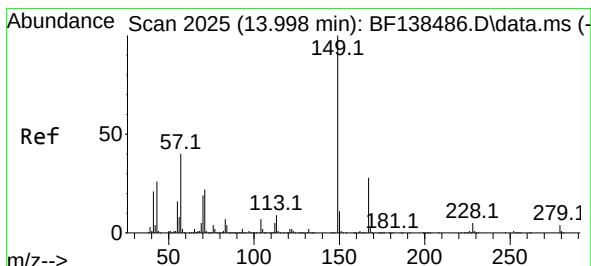
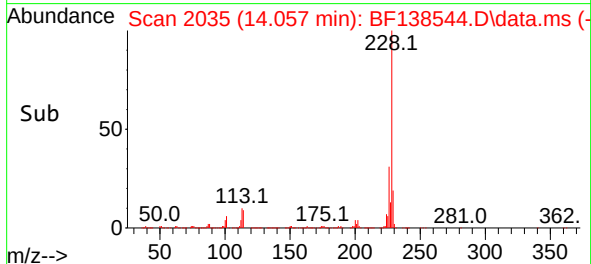
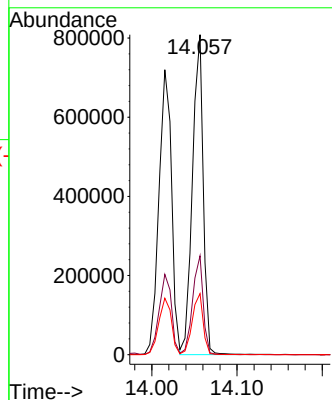
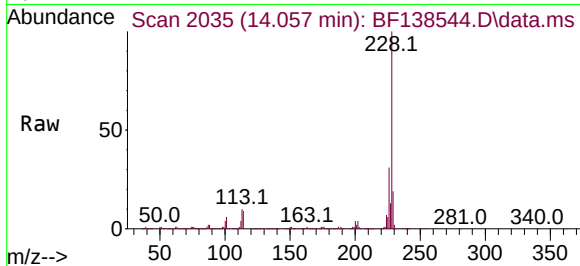
#83
Chrysene
Concen: 43.297 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :
BNA_F
ClientSampleId :
PB161988BS

Tgt Ion:228 Resp: 709492
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 19.1 16.0 24.0

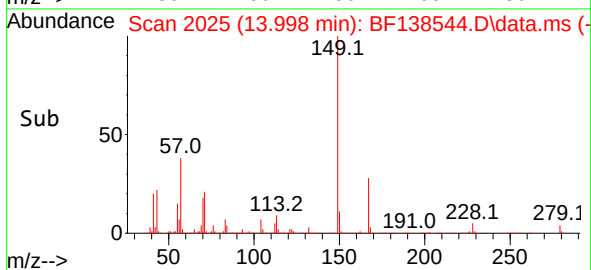
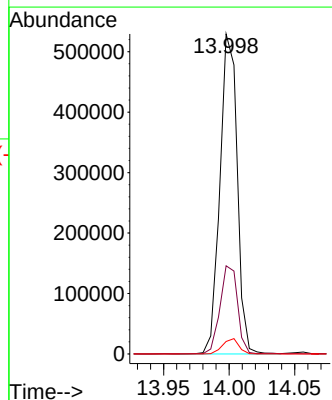
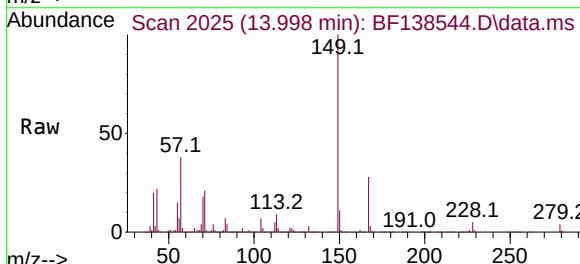
Manual Integrations
APPROVED

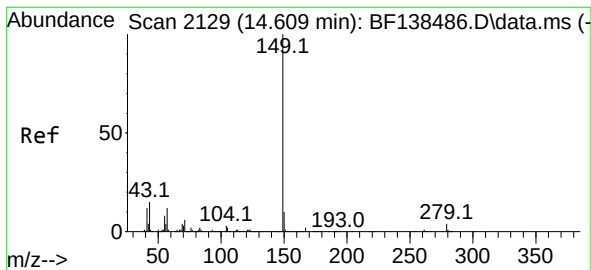
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.606 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

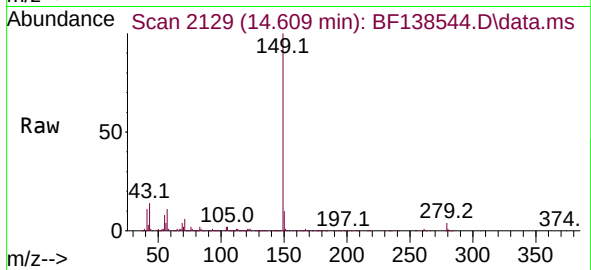
Tgt Ion:149 Resp: 484321
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 58.509 ng
RT: 14.609 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

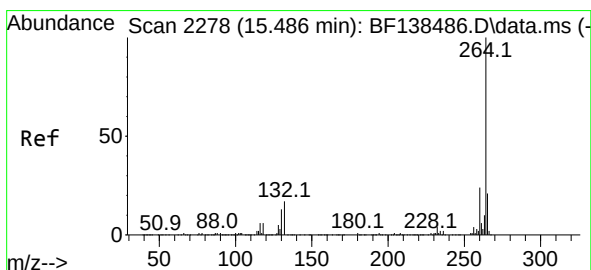
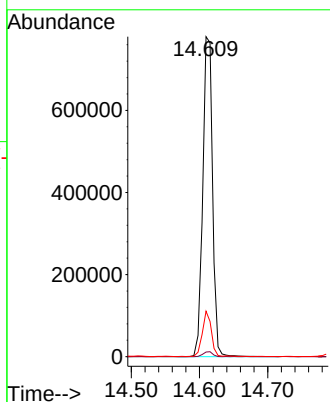
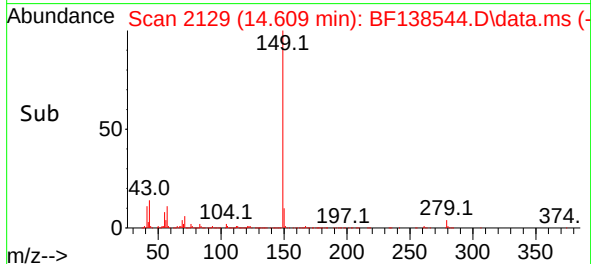
Instrument :
BNA_F
ClientSampleId :
PB161988BS



Tgt Ion:149 Resp: 77710
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.7 16.1

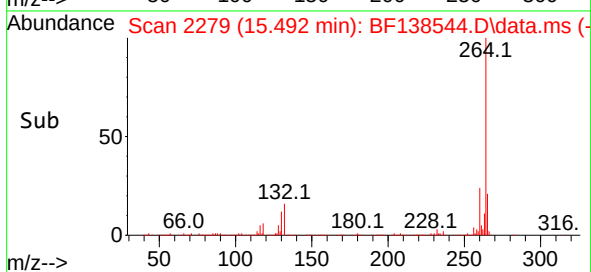
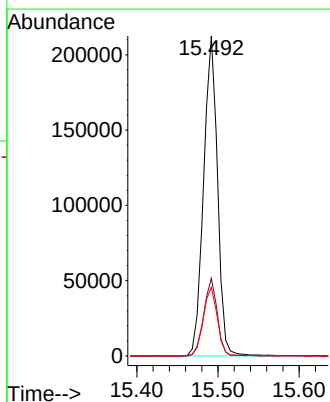
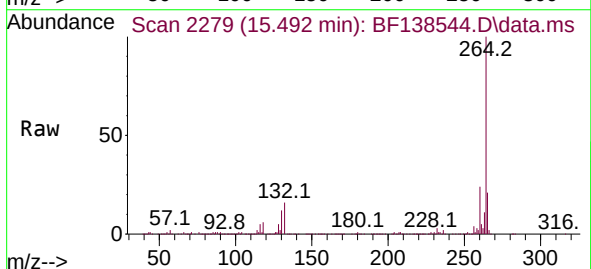
Manual Integrations
APPROVED

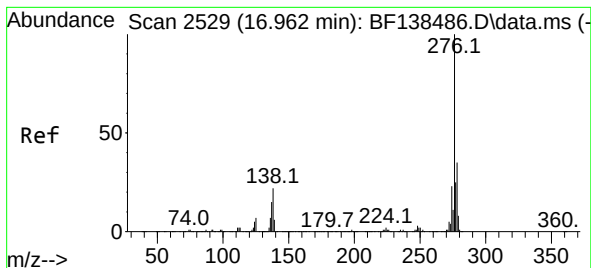
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Tgt Ion:264 Resp: 252487
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.780 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion:276 Resp: 77640

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

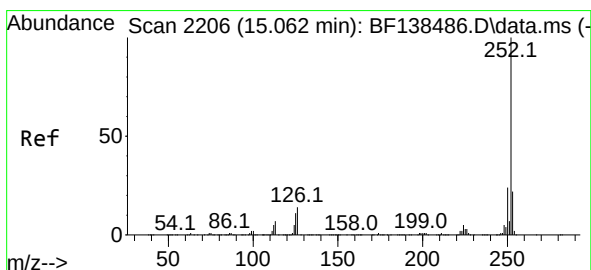
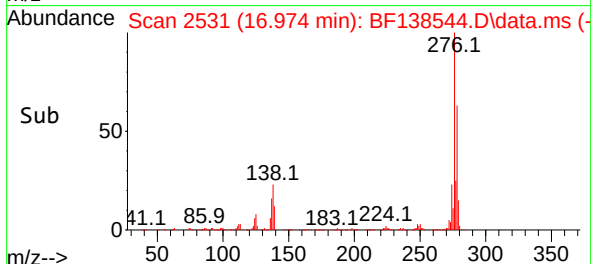
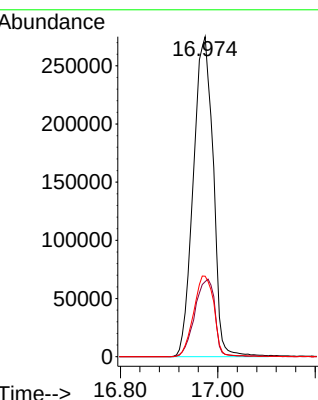
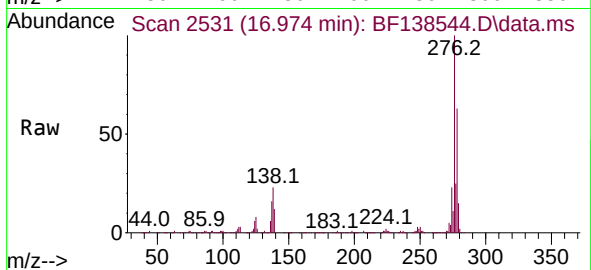
277 25.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#88

Benzo(b)fluoranthene

Concen: 47.146 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

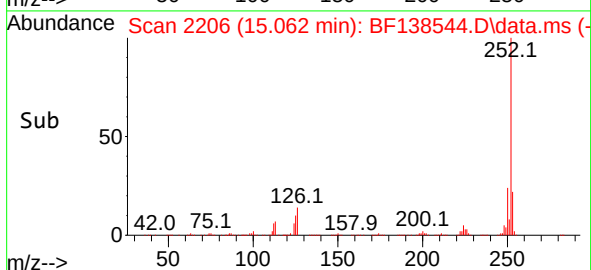
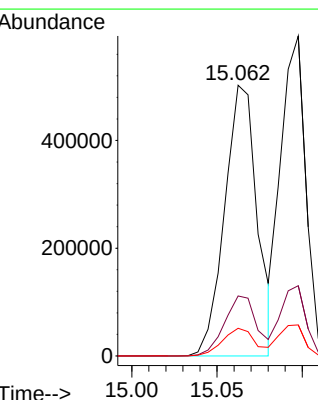
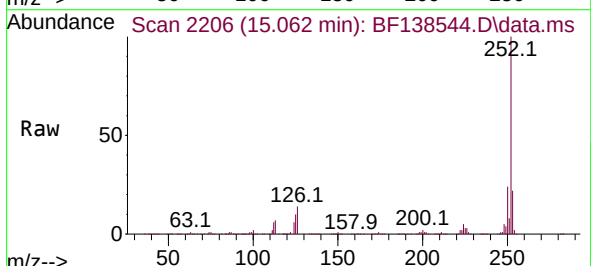
Tgt Ion:252 Resp: 670383

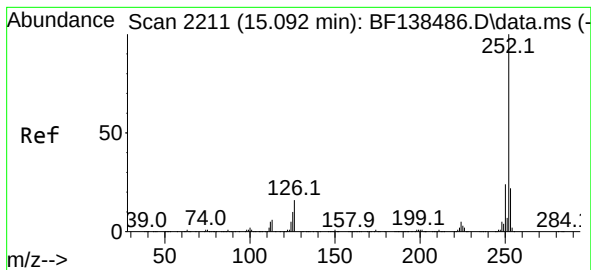
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 44.087 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

Tgt Ion:252 Resp: 61139

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

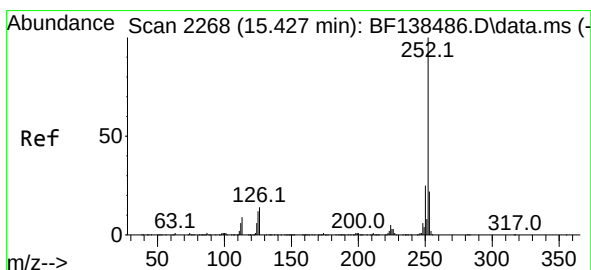
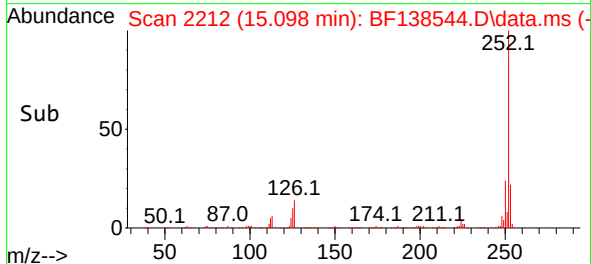
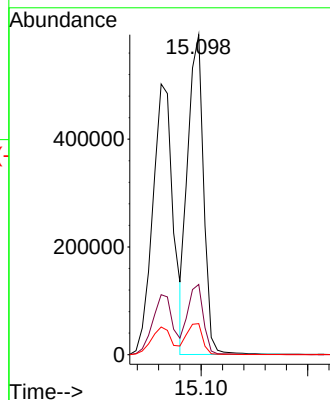
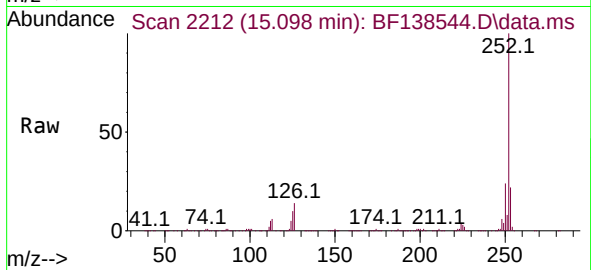
125 9.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#90

Benzo(a)pyrene

Concen: 47.786 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF138544.D

Acq: 12 Jul 2024 13:56

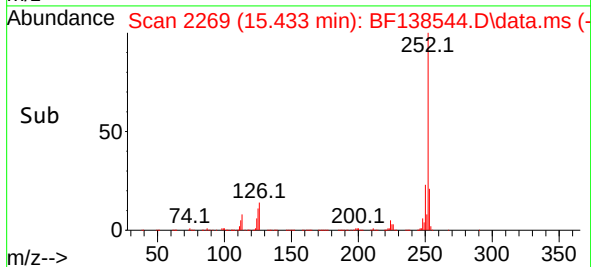
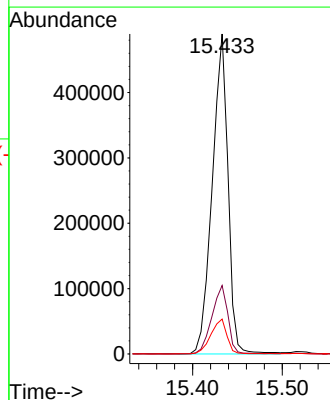
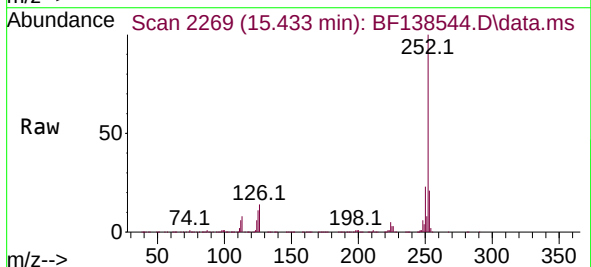
Tgt Ion:252 Resp: 596900

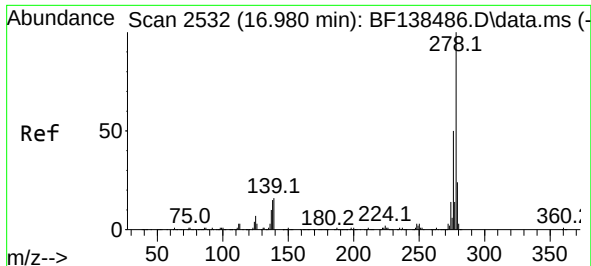
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 10.9 9.4 14.2





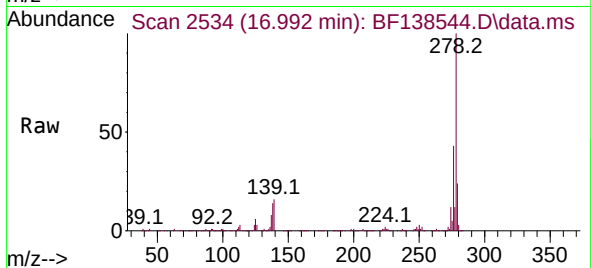
#91
Dibenzo(a,h)anthracene
Concen: 45.883 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.012 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56

Instrument :

BNA_F

ClientSampleId :

PB161988BS

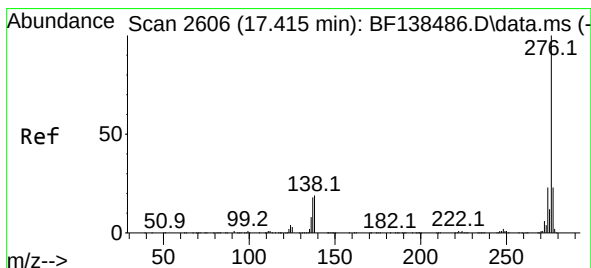
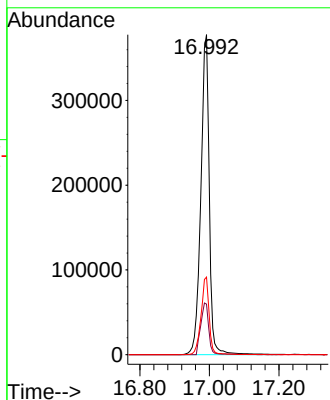
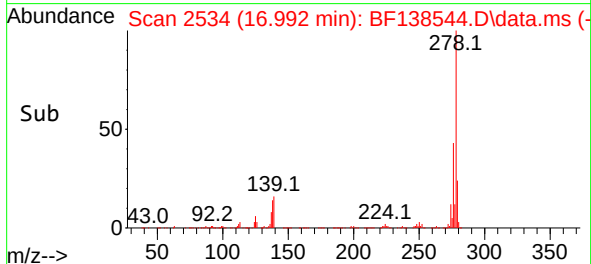


Tgt Ion:278 Resp: 636540
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 24.3 19.1 28.7

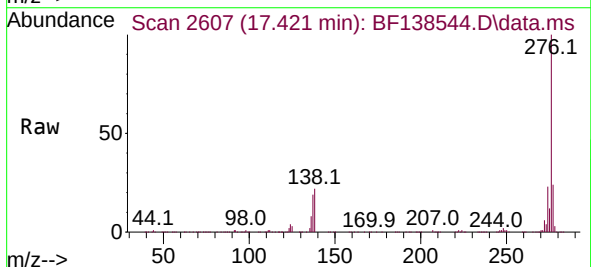
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#92
Benzo(g,h,i)perylene
Concen: 40.976 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.006 min
Lab File: BF138544.D
Acq: 12 Jul 2024 13:56



Tgt Ion:276 Resp: 602792
Ion Ratio Lower Upper
276 100
277 24.0 18.0 27.0
138 21.6 15.5 23.3

