

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138495.D
 Acq On : 10 Jul 2024 11:52
 Operator : CG\JU
 Sample : PB161493BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161493BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 12:50:33 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	6.863	152	103250	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	428755	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	231682	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	433358	20.000	ng	0.00
76) Chrysene-d12	14.027	240	235956	20.000	ng	0.00
86) Perylene-d12	15.486	264	195862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	603344	92.547	ng	0.01
7) Phenol-d6	6.504	99	803474	92.645	ng	0.00
23) Nitrobenzene-d5	7.434	82	770929	88.281	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214610	99.113	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1343511	90.632	ng	0.00
79) Terphenyl-d14	12.974	244	1444366	99.724	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	113107	39.173	ng	99
3) Pyridine	3.475	79	287406	40.363	ng	97
4) n-Nitrosodimethylamine	3.452	42	222293	47.957	ng	95
6) Aniline	6.528	93	339964	41.851	ng	95
8) 2-Chlorophenol	6.657	128	341748	49.575	ng	98
9) Benzaldehyde	6.416	77	46218	9.956	ng	98
10) Phenol	6.522	94	447043	48.563	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	332951	48.039	ng	99
12) 1,3-Dichlorobenzene	6.810	146	346851	44.763	ng	98
13) 1,4-Dichlorobenzene	6.881	146	351555	44.678	ng	97
14) 1,2-Dichlorobenzene	7.034	146	338893	46.243	ng	98
15) Benzyl Alcohol	7.010	79	327529	50.323	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	665178	48.804	ng	100
17) 2-Methylphenol	7.128	107	277367	49.095	ng	98
18) Hexachloroethane	7.375	117	132405	45.772	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	260747	48.657	ng	99
20) 3+4-Methylphenols	7.281	107	339195	47.678	ng	# 88
22) Acetophenone	7.275	105	462426	44.407	ng	# 95
24) Nitrobenzene	7.451	77	392030	44.176	ng	97
25) Isophorone	7.692	82	726653	48.454	ng	99
26) 2-Nitrophenol	7.763	139	183232	48.174	ng	93
27) 2,4-Dimethylphenol	7.804	122	309313	66.166	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	421386	47.016	ng	97
29) 2,4-Dichlorophenol	8.010	162	286997	47.276	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	309343	43.743	ng	98
31) Naphthalene	8.169	128	995653	44.651	ng	99
32) Benzoic acid	7.945	122	204858	45.946	ng	93
33) 4-Chloroaniline	8.216	127	243570	31.131	ng	99
34) Hexachlorobutadiene	8.281	225	184457	42.357	ng	96
35) Caprolactam	8.598	113	97843m	49.948	ng	
36) 4-Chloro-3-methylphenol	8.710	107	320163	47.109	ng	97
37) 2-Methylnaphthalene	8.863	142	644038	44.881	ng	100
38) 1-Methylnaphthalene	8.963	142	602572	43.026	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	298010	46.152	ng	98
41) Hexachlorocyclopentadiene	9.010	237	366482	174.860	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	202045	49.053	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214191	47.280	ng	98
46) 1,1'-Biphenyl	9.328	154	808769	46.063	ng	100
47) 2-Chloronaphthalene	9.351	162	622640	46.941	ng	99
48) 2-Nitroaniline	9.451	65	234798	51.082	ng	96
49) Acenaphthylene	9.769	152	938716	49.847	ng	99
50) Dimethylphthalate	9.634	163	745312	49.750	ng	99
51) 2,6-Dinitrotoluene	9.692	165	167888	48.673	ng	89
52) Acenaphthene	9.939	154	600722	47.988	ng	100
53) 3-Nitroaniline	9.863	138	126250	35.711	ng	99
54) 2,4-Dinitrophenol	9.969	184	195110	103.914	ng	99
55) Dibenzofuran	10.110	168	879134	48.418	ng	99
56) 4-Nitrophenol	10.034	139	297439	114.024	ng	98
57) 2,4-Dinitrotoluene	10.098	165	221990	49.740	ng	97
58) Fluorene	10.457	166	682389	47.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	187054	52.318	ng	98
60) Diethylphthalate	10.328	149	725488	50.234	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	336904	46.700	ng	97
62) 4-Nitroaniline	10.481	138	178613	50.418	ng	98
63) Azobenzene	10.604	77	757376	48.777	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	133361	53.296	ng	81
66) n-Nitrosodiphenylamine	10.563	169	613798	47.274	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	203936	45.786	ng	98
68) Hexachlorobenzene	10.998	284	222547	44.976	ng	99
69) Atrazine	11.092	200	215248	50.003	ng	98
70) Pentachlorophenol	11.198	266	264048	90.181	ng	96
71) Phenanthrene	11.416	178	1037502	47.388	ng	99
72) Anthracene	11.469	178	1038000	47.762	ng	98
73) Carbazole	11.622	167	926653	47.446	ng	99
74) Di-n-butylphthalate	11.945	149	1102624	48.978	ng	100
75) Fluoranthene	12.598	202	1062443	47.558	ng	97
77) Benzidine	12.722	184	175749	29.522	ng	99
78) Pyrene	12.833	202	1074307	44.851	ng	100
80) Butylbenzylphthalate	13.445	149	392056	54.411	ng	96
81) Benzo(a)anthracene	14.016	228	751031	47.436	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	173856	42.615	ng	# 99
83) Chrysene	14.051	228	694595	46.375	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	427477	55.627	ng	99
85) Di-n-octyl phthalate	14.610	149	567288	46.729	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	688696	52.348	ng	99
88) Benzo(b)fluoranthene	15.057	252	557789	50.569	ng	98
89) Benzo(k)fluoranthene	15.092	252	529683	49.237	ng	99
90) Benzo(a)pyrene	15.427	252	480240	49.562	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	571650	53.118	ng	99
92) Benzo(g,h,i)perylene	17.410	276	575266	50.410	ng	96

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



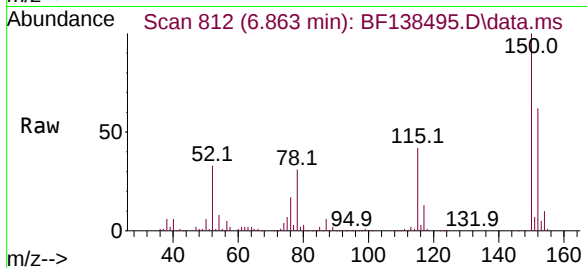
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

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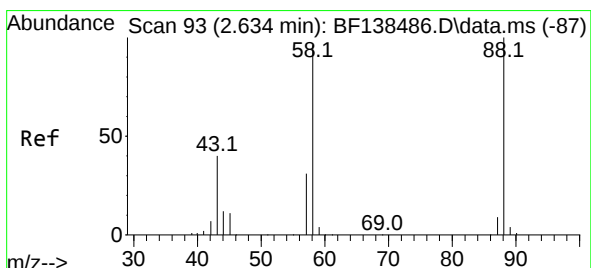
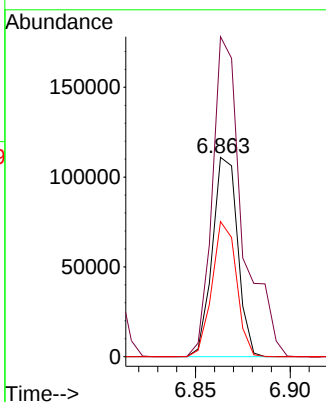
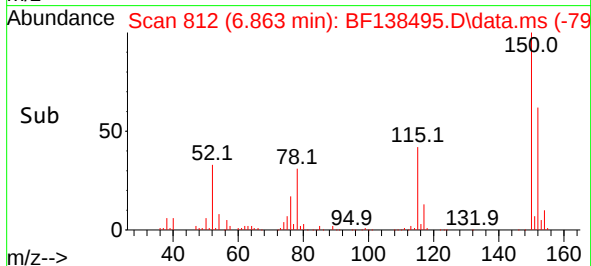
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Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.4
115 67.8 50.3 75.5

Manual Integrations

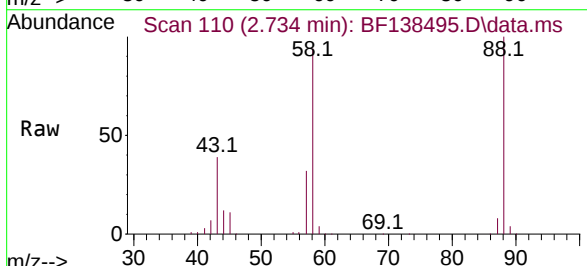
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

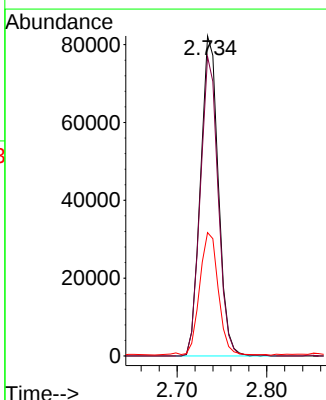
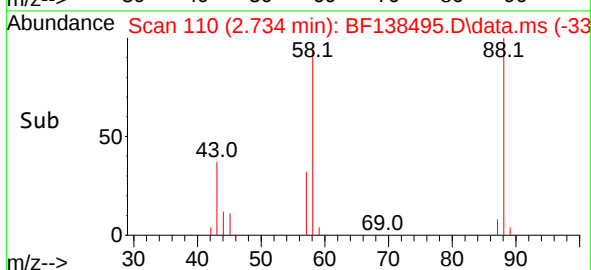
Supervised By :mohammad ahmed 07/11/2024

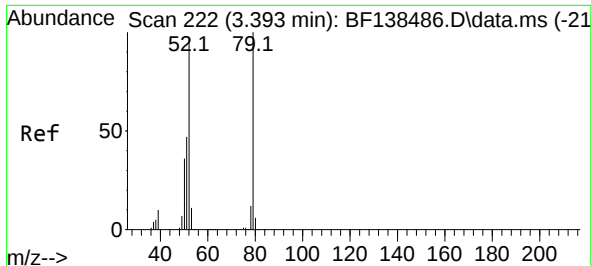


#2
1,4-Dioxane
Concen: 39.173 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.100 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion: 88 Resp: 113107
Ion Ratio Lower Upper
88 100
58 93.6 74.6 112.0
43 40.7 31.8 47.6





#3

Pyridine

Concen: 40.363 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.083 min

Lab File: BF138495.D

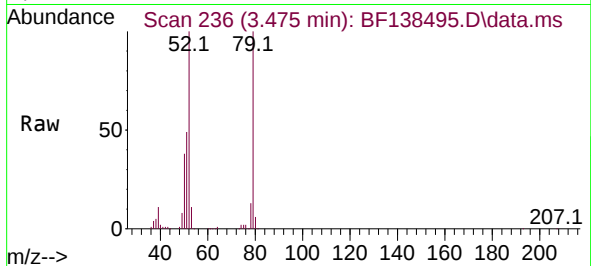
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



Tgt Ion: 79 Resp: 287400

Ion Ratio Lower Upper

79 100

52 99.6 77.4 116.2

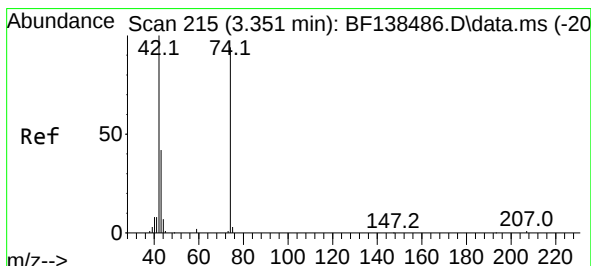
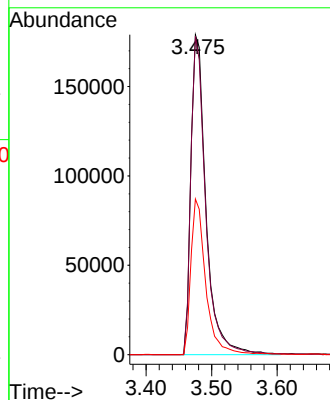
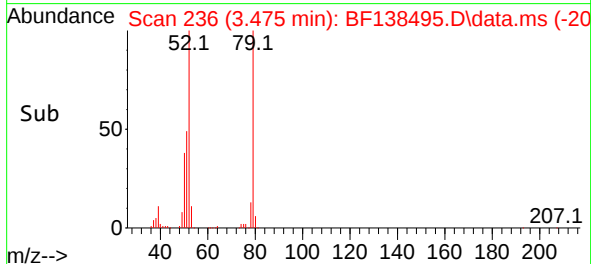
51 48.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#4

n-Nitrosodimethylamine

Concen: 47.957 ng

RT: 3.452 min Scan# 232

Delta R.T. 0.100 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

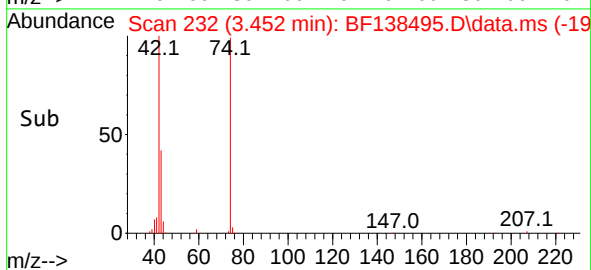
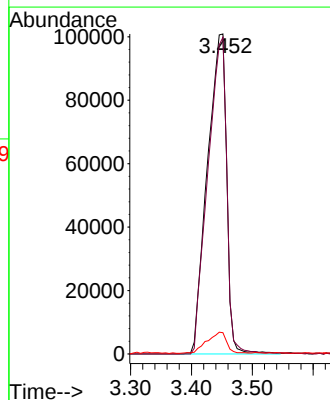
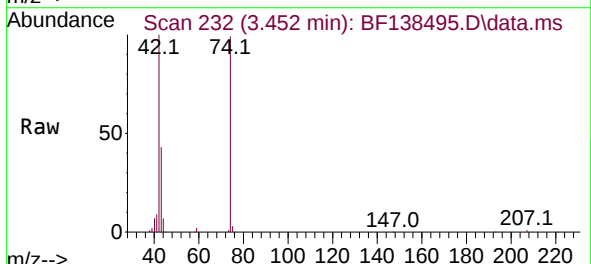
Tgt Ion: 42 Resp: 222293

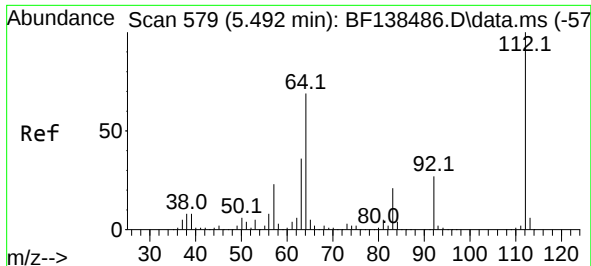
Ion Ratio Lower Upper

42 100

74 99.0 75.0 112.6

44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 92.547 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

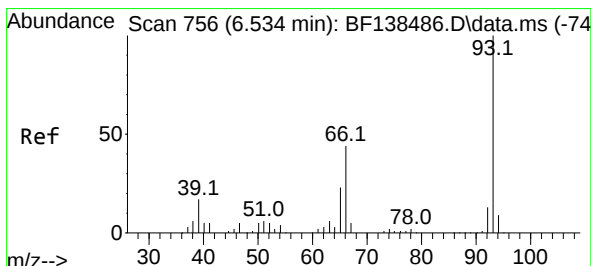
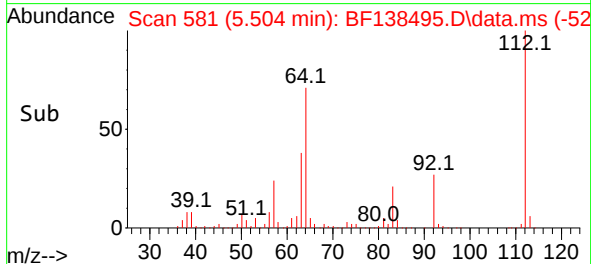
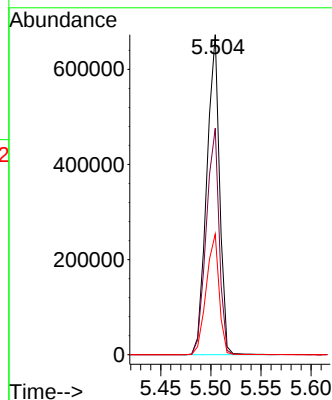
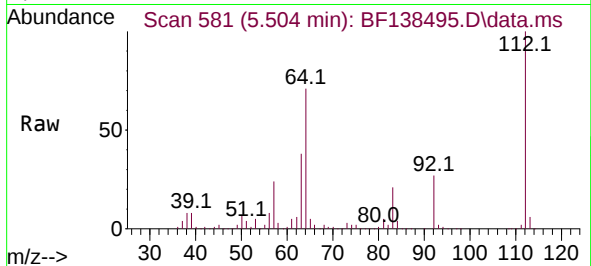
ClientSampleId :

PB161493BS

Tgt Ion:112 Resp: 603344
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 37.7 29.0 43.6

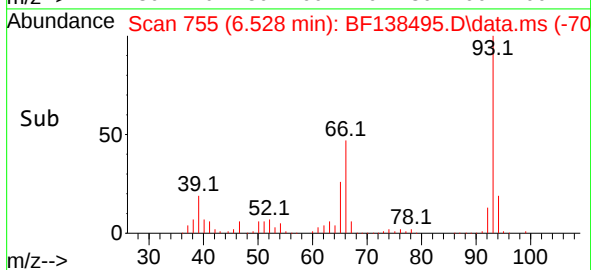
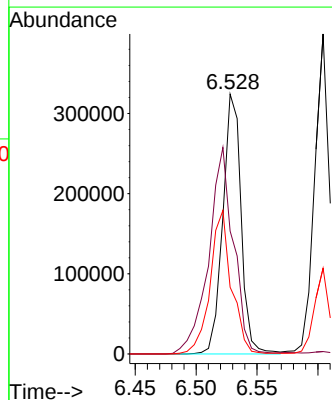
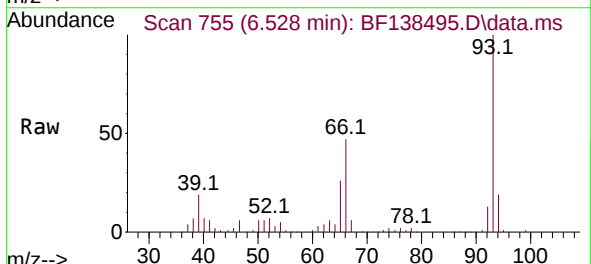
Manual Integrations
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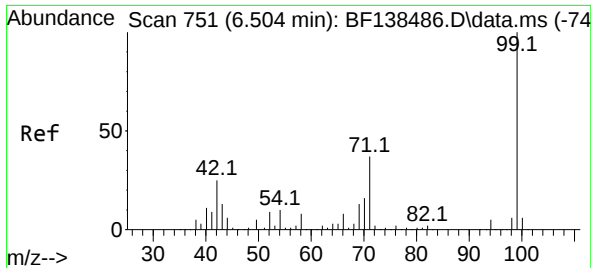
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#6
Aniline
Concen: 41.851 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 93 Resp: 339964
Ion Ratio Lower Upper
93 100
66 47.3 35.4 53.0
65 25.7 18.6 27.8





#7

Phenol-d6

Concen: 92.645 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF138495.D

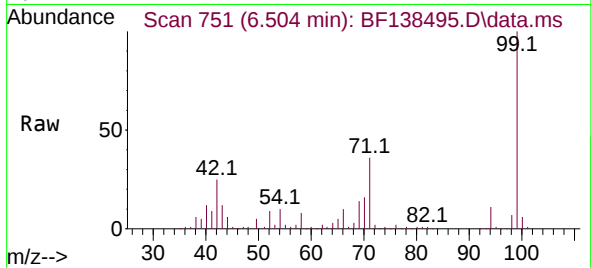
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



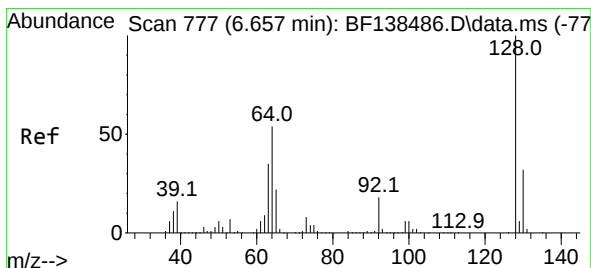
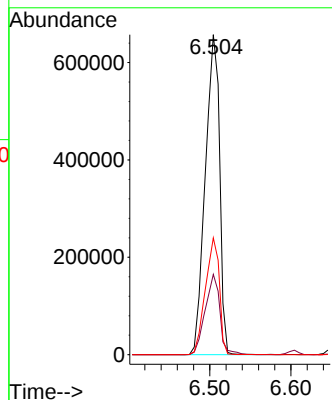
Tgt Ion:	99	Ratio	100	Lower	Upper
Ion	99	100			
	42	25.1		19.7	29.5
	71	36.5		29.9	44.9

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Supervised By :mohammad ahmed 07/11/2024



#8

2-Chlorophenol

Concen: 49.575 ng

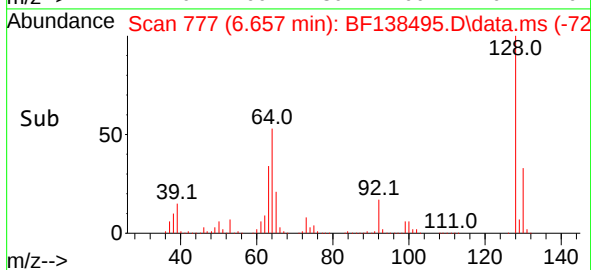
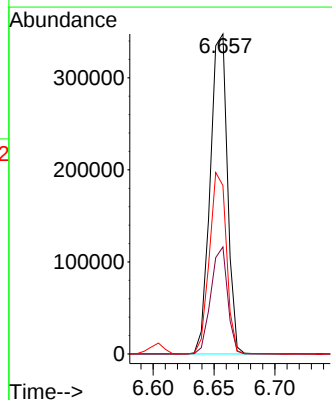
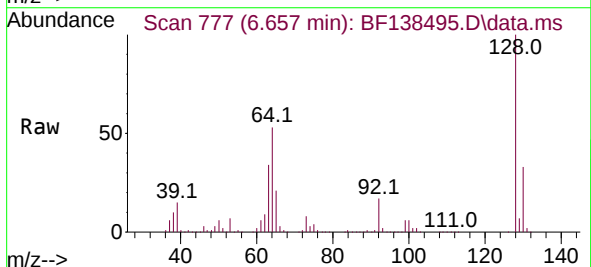
RT: 6.657 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Tgt Ion:	128	Ratio	100	Lower	Upper
Ion	128	100			
	130	33.4		12.1	52.1
	64	52.7		34.4	74.4





#9
Benzaldehyde
Concen: 9.956 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

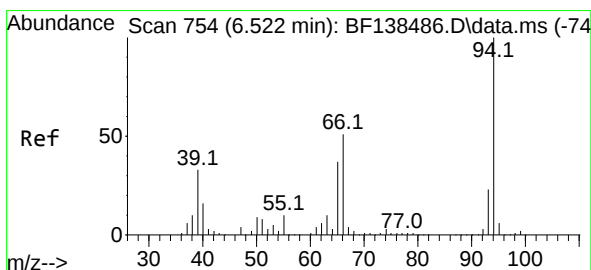
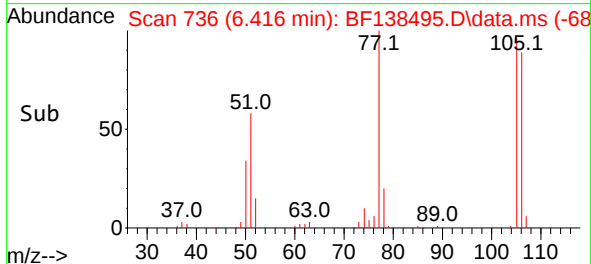
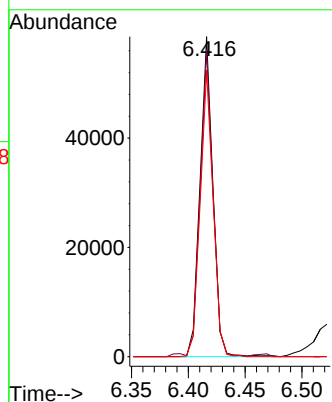
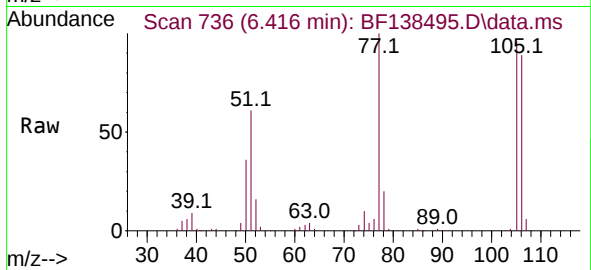
PB161493BS

Tgt Ion: 77 Resp: 46218
Ion Ratio Lower Upper
77 100
105 95.5 75.1 115.1
106 89.4 73.2 113.2

Manual Integrations

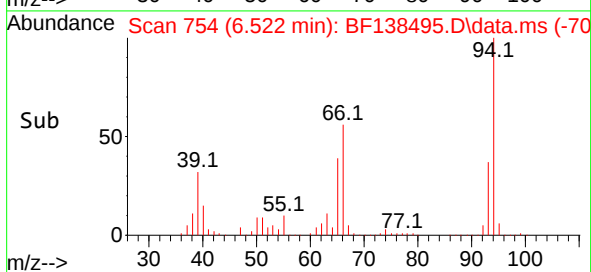
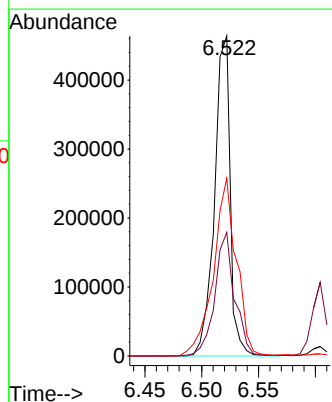
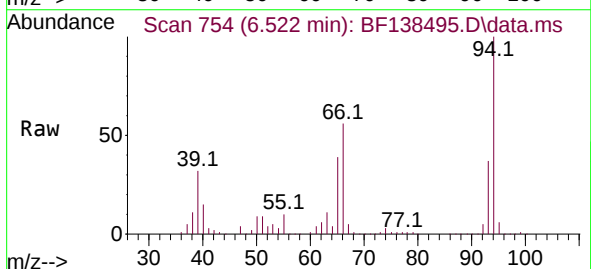
APPROVED

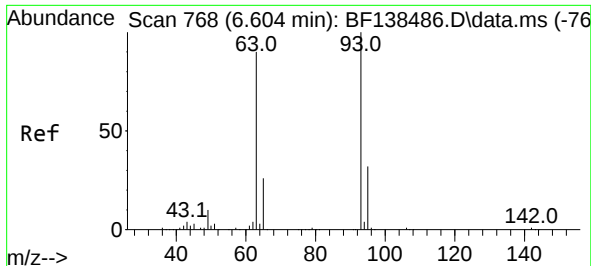
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#10
Phenol
Concen: 48.563 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 94 Resp: 447043
Ion Ratio Lower Upper
94 100
65 38.6 16.7 56.7
66 55.6 31.2 71.2





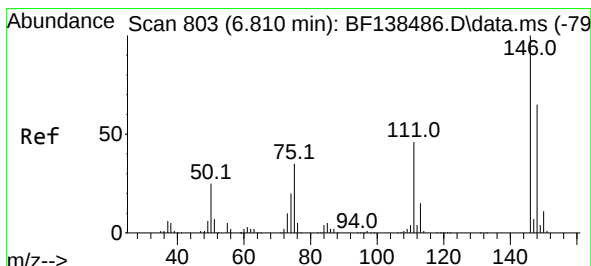
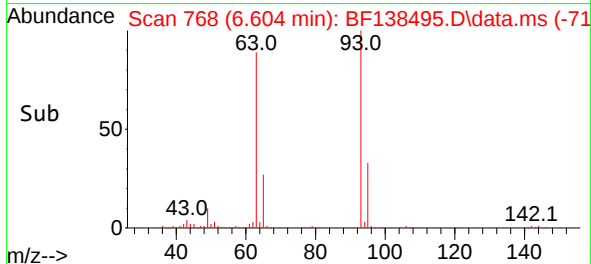
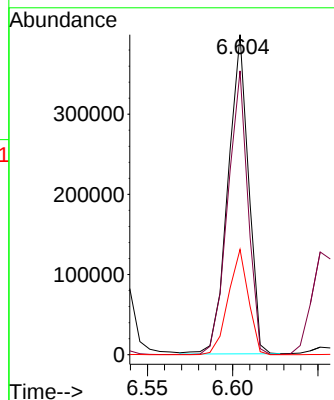
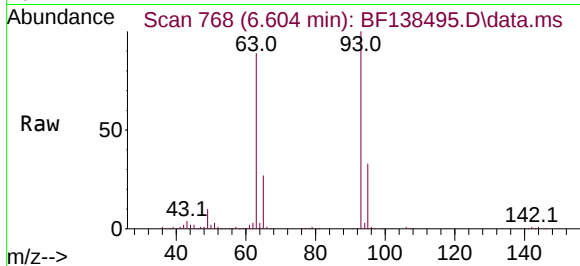
#11
bis(2-Chloroethyl)ether
Concen: 48.039 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion: 93 Resp: 33295
Ion Ratio Lower Upper
93 100
63 88.7 68.8 108.8
95 32.9 11.8 51.8

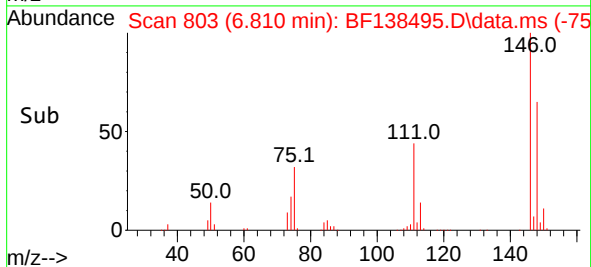
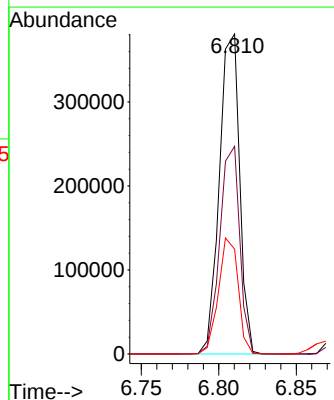
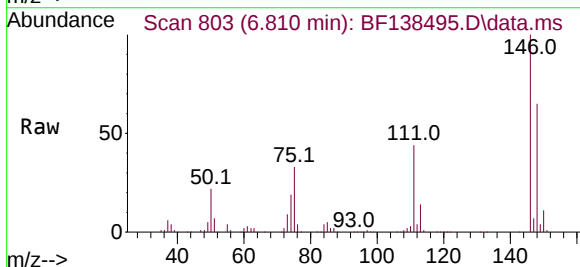
Manual Integrations
APPROVED

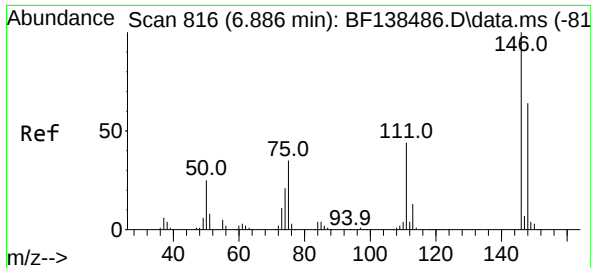
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#12
1,3-Dichlorobenzene
Concen: 44.763 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:146 Resp: 346851
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
75 32.7 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 44.678 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

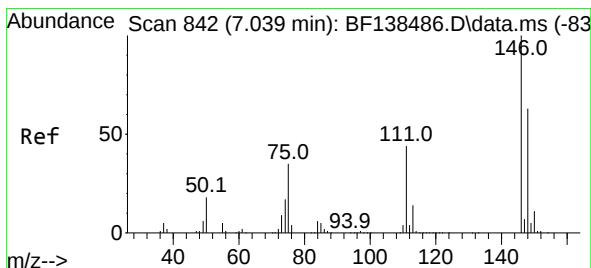
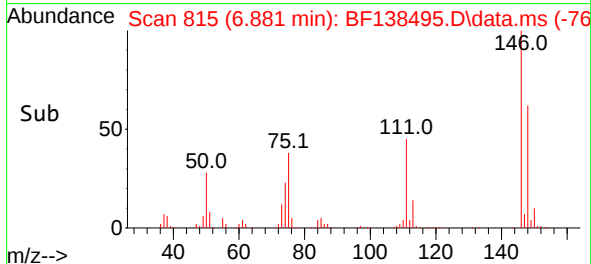
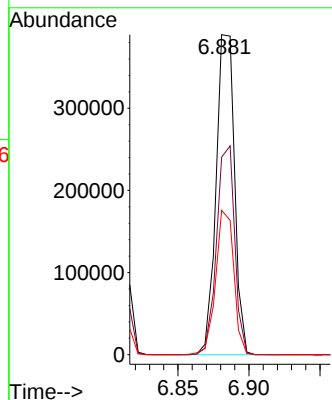
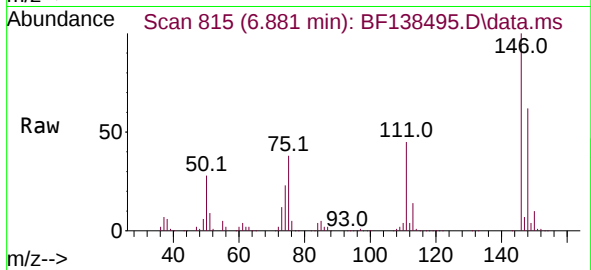
ClientSampleId :

PB161493BS

Tgt Ion:146 Resp: 35155
Ion Ratio Lower Upper
146 100
148 61.8 51.6 77.4
111 45.1 34.9 52.3

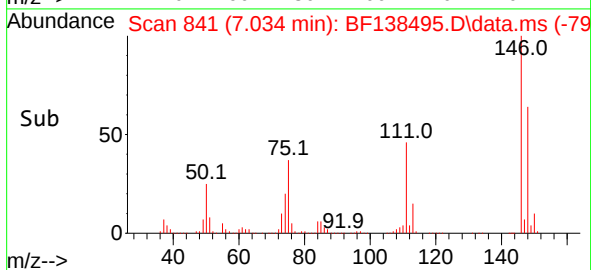
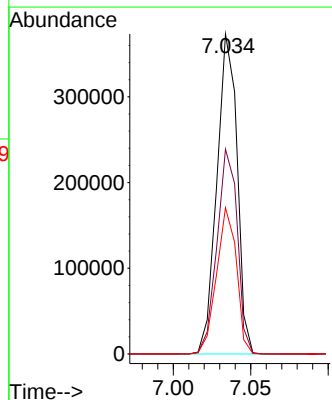
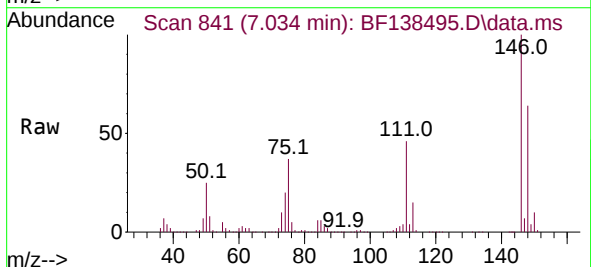
Manual Integrations
APPROVED

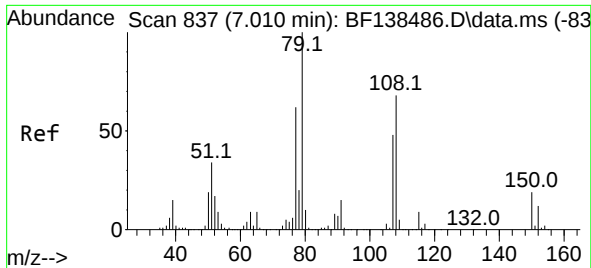
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#14
1,2-Dichlorobenzene
Concen: 46.243 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

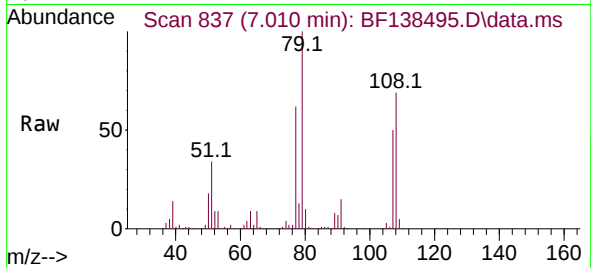
Tgt Ion:146 Resp: 338893
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 45.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 50.323 ng
RT: 7.010 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

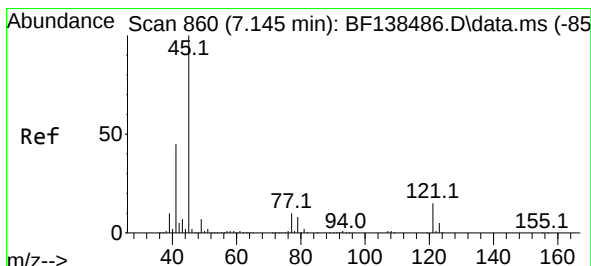
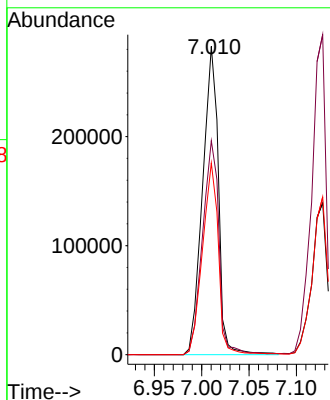
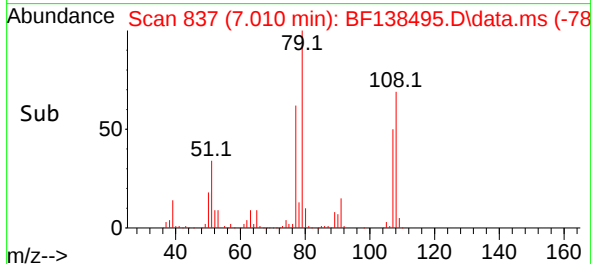
Instrument :
BNA_F
ClientSampleId :
PB161493BS



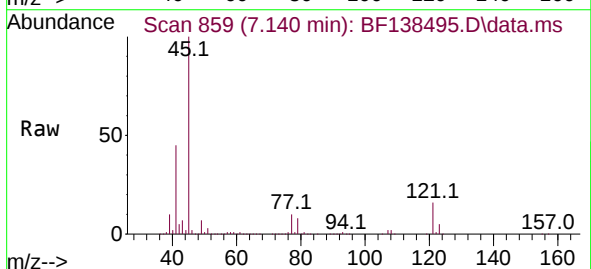
Tgt Ion: 79 Resp: 327529
Ion Ratio Lower Upper
79 100
108 69.4 54.3 81.5
77 62.1 50.0 75.0

Manual Integrations
APPROVED

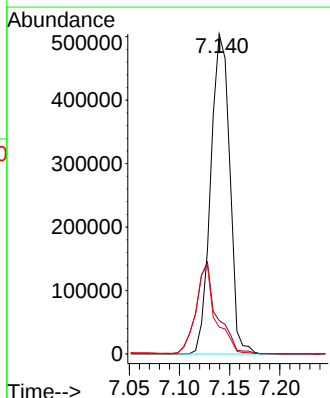
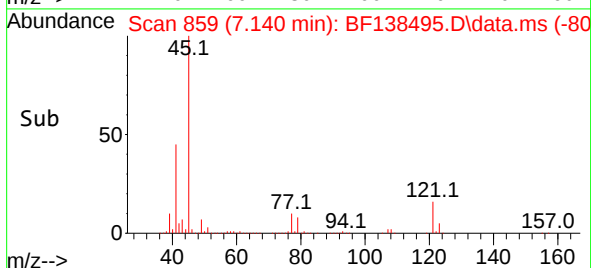
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

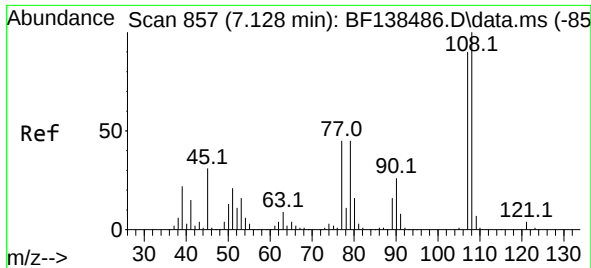


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.804 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion: 45 Resp: 665178
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.4
79 8.4 0.0 28.1





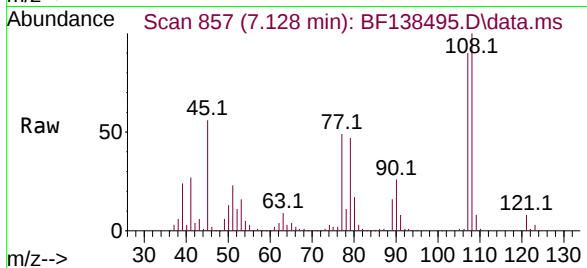
#17
2-Methylphenol
Concen: 49.095 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



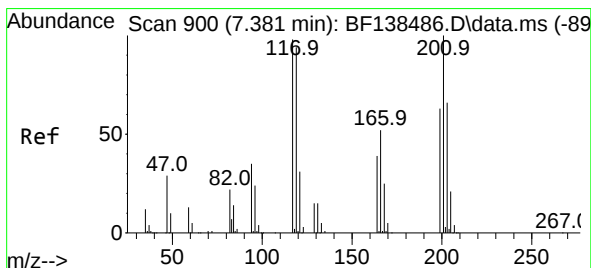
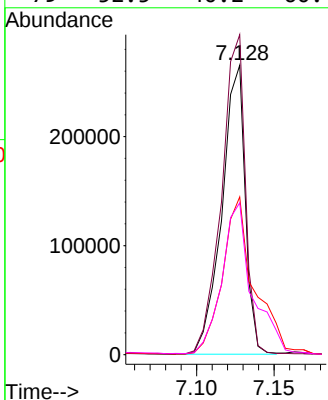
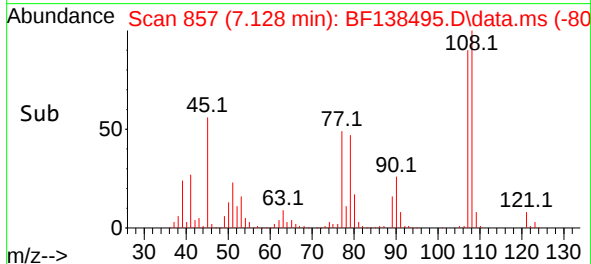
Tgt Ion:107 Resp: 27736
Ion Ratio Lower Upper
107 100
108 110.6 89.0 133.4
77 54.5 40.3 60.5
79 52.5 40.2 60.4

Manual Integrations

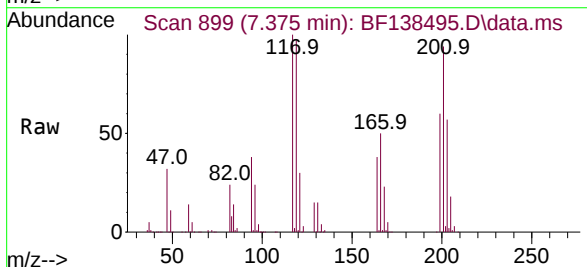
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

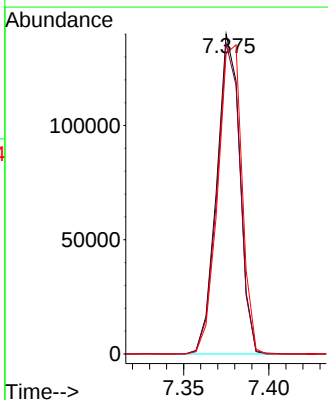
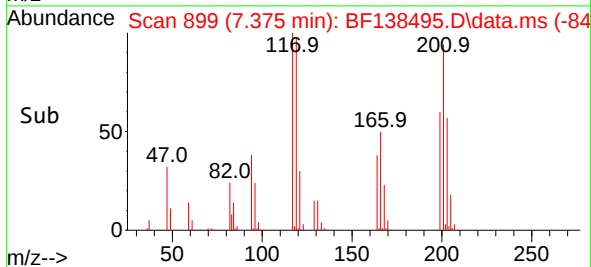
Supervised By :mohammad ahmed 07/11/2024

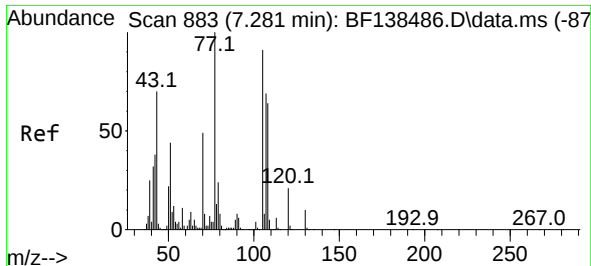


#18
Hexachloroethane
Concen: 45.772 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:117 Resp: 132405
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
201 93.9 81.4 122.0





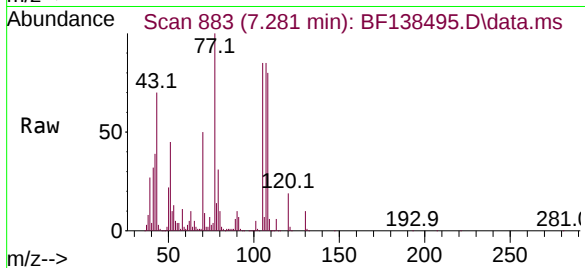
#19
n-Nitroso-di-n-propylamine
Concen: 48.657 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



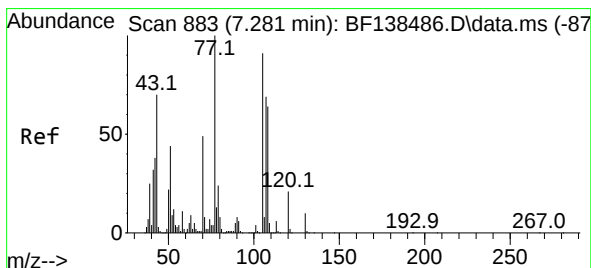
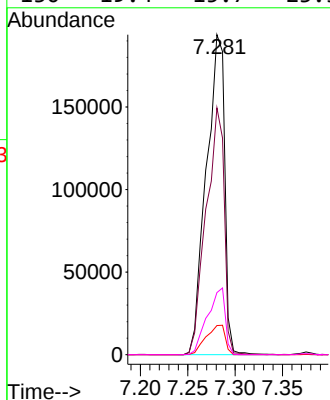
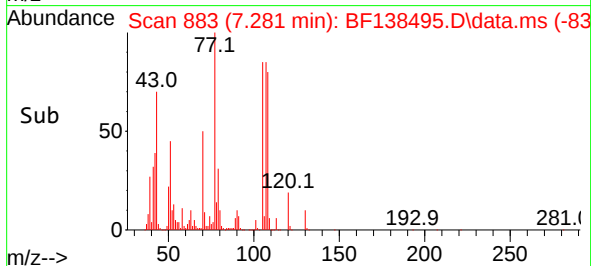
Tgt Ion: 70 Resp: 26074
Ion Ratio Lower Upper
70 100
42 77.1 62.4 93.6
101 9.1 7.2 10.8
130 19.4 15.7 23.5

Manual Integrations

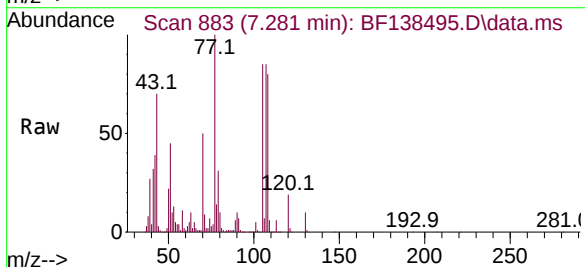
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

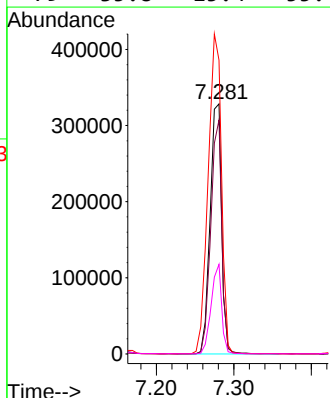
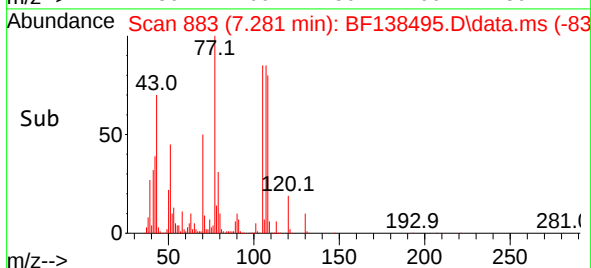
Supervised By :mohammad ahmed 07/11/2024

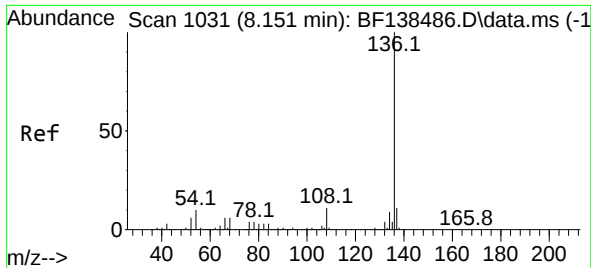


#20
3+4-Methylphenols
Concen: 47.678 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:107 Resp: 339195
Ion Ratio Lower Upper
107 100
108 93.5 73.7 113.7
77 117.4 126.0 166.0#
79 35.8 15.4 55.4





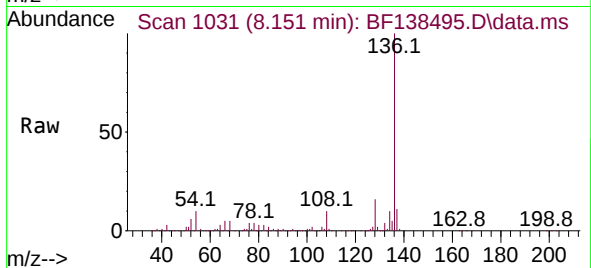
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



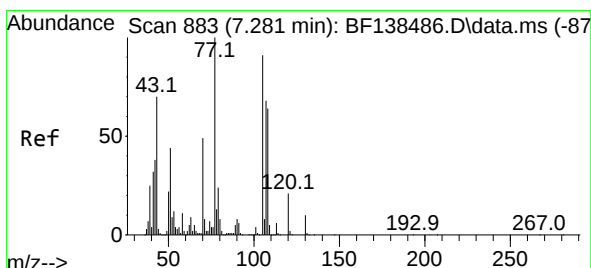
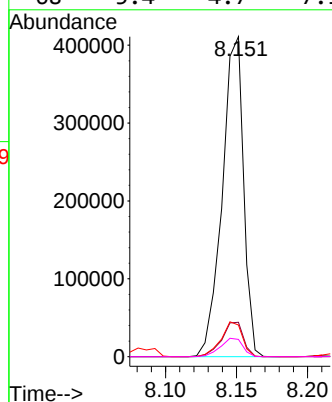
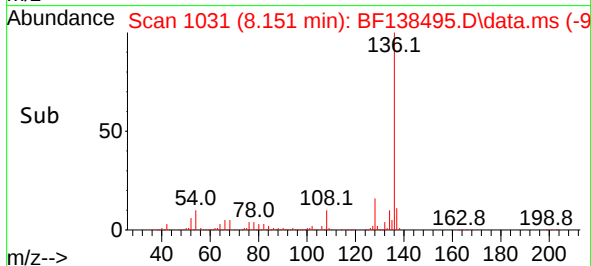
Tgt Ion:136 Resp: 42875
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.9 8.1 12.1
68 5.4 4.7 7.1

Manual Integrations

APPROVED

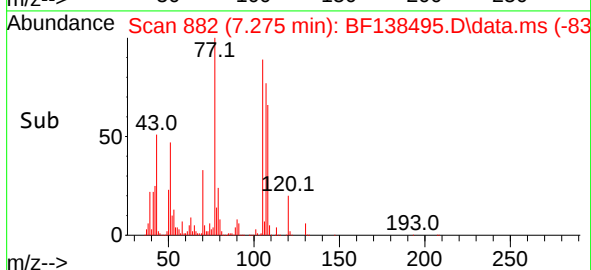
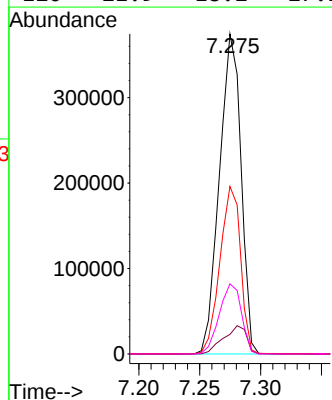
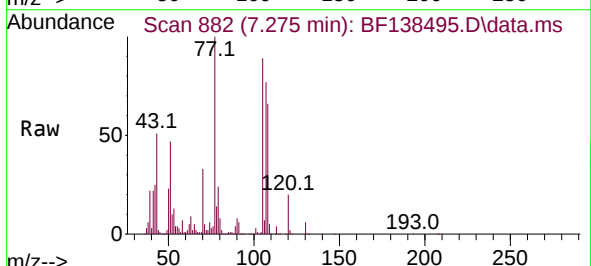
Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#22
Acetophenone
Concen: 44.407 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:105 Resp: 462426
Ion Ratio Lower Upper
105 100
71 6.1 7.4 11.2#
51 52.4 38.7 58.1
120 21.9 18.2 27.2





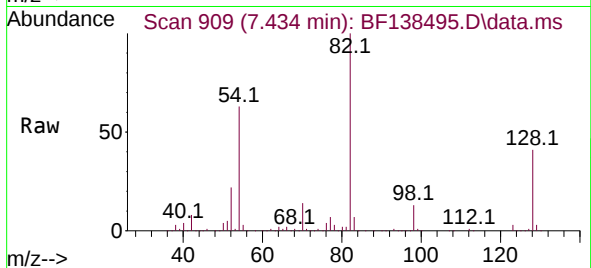
#23
Nitrobenzene-d5
Concen: 88.281 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

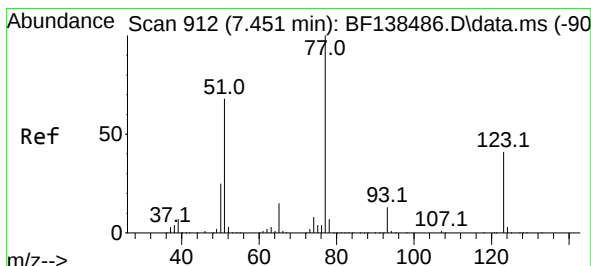
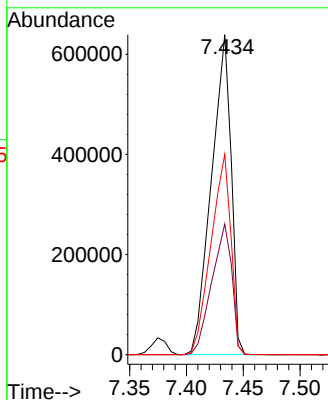
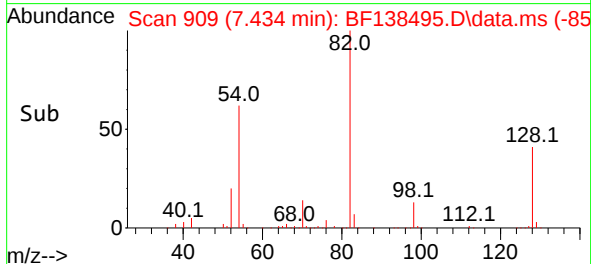


Tgt Ion: 82 Resp: 770929
Ion Ratio Lower Upper
82 100
128 40.8 32.3 48.5
54 62.6 51.4 77.0

Manual Integrations

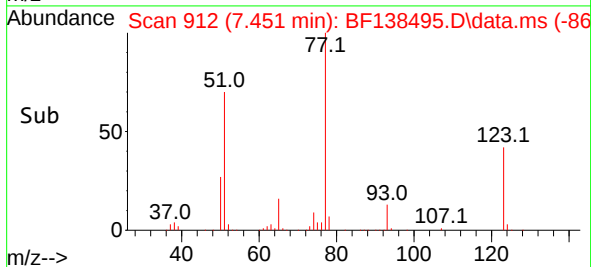
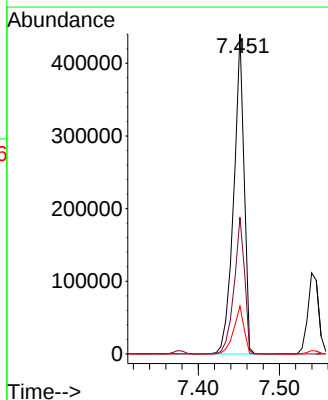
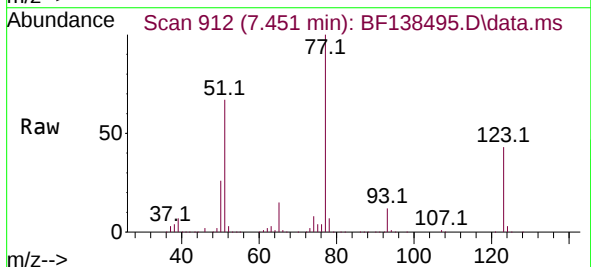
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#24
Nitrobenzene
Concen: 44.176 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

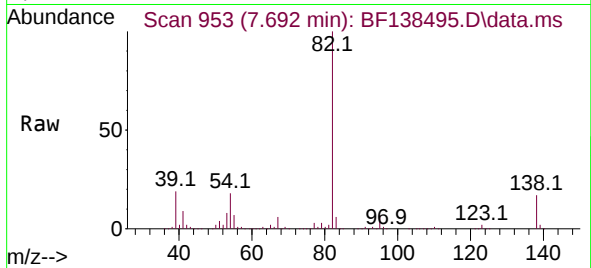
Tgt Ion: 77 Resp: 392030
Ion Ratio Lower Upper
77 100
123 42.7 32.4 48.6
65 14.9 11.8 17.8





#25
Isophorone
Concen: 48.454 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

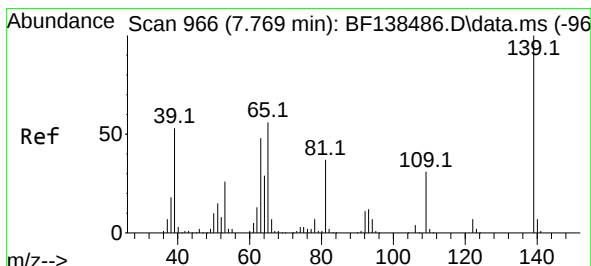
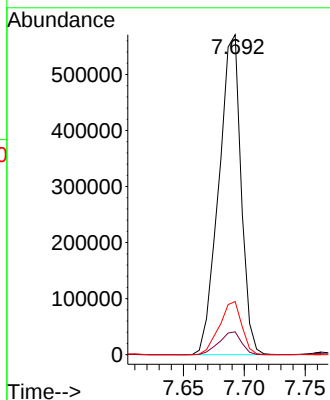
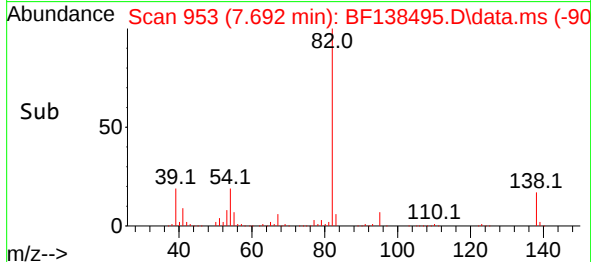
Instrument :
BNA_F
ClientSampleId :
PB161493BS



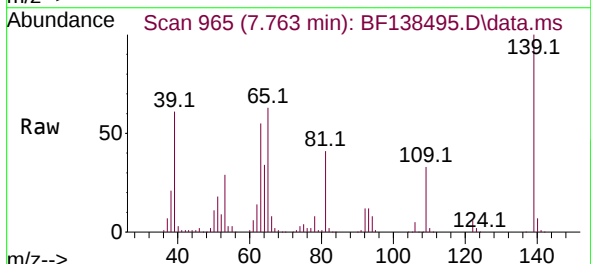
Tgt Ion: 82 Resp: 72665
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 16.6 12.8 19.2

Manual Integrations
APPROVED

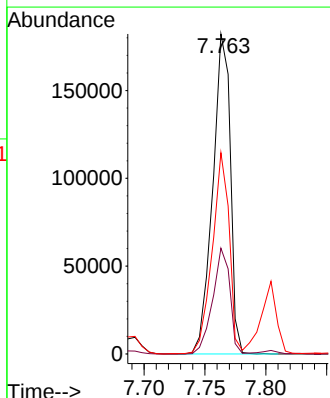
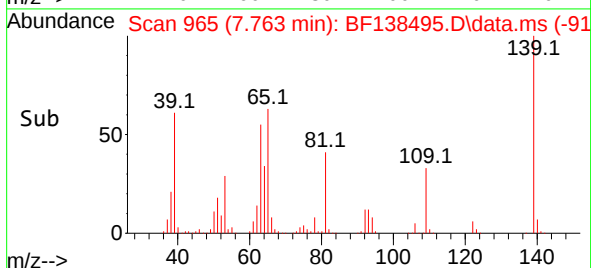
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

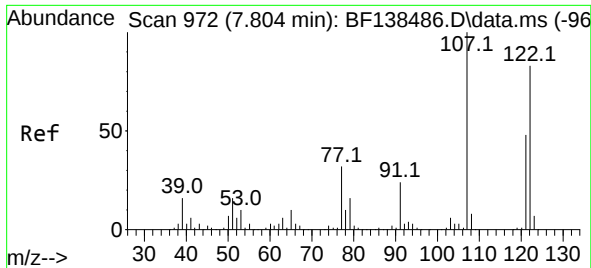


#26
2-Nitrophenol
Concen: 48.174 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:139 Resp: 183232
Ion Ratio Lower Upper
139 100
109 33.1 24.8 37.2
65 62.9 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 66.166 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

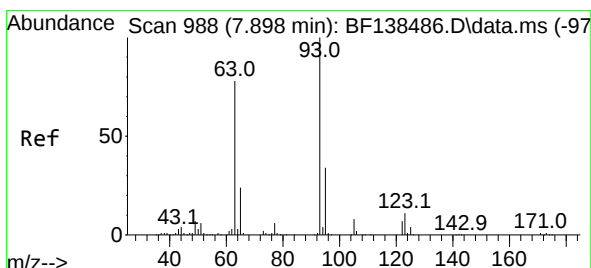
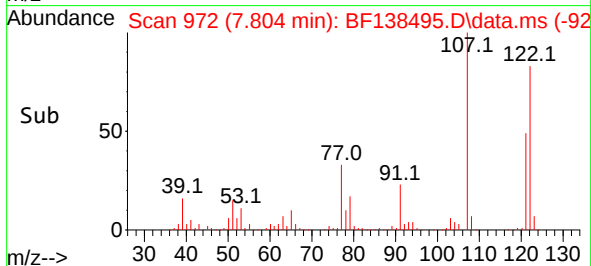
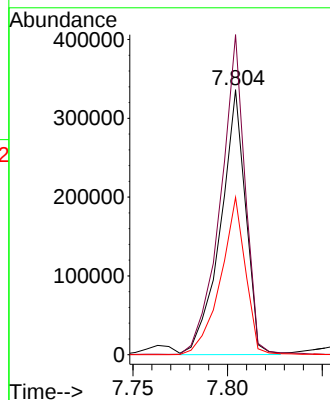
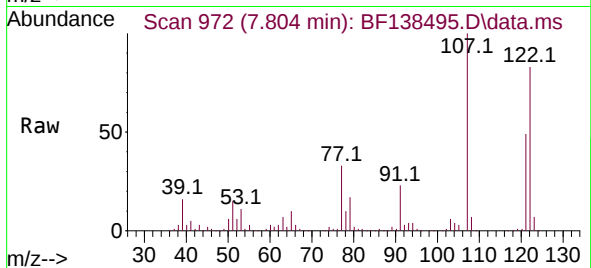
PB161493BS

Tgt Ion:122 Resp: 30931
Ion Ratio Lower Upper
122 100
107 120.8 96.3 144.5
121 59.3 46.7 70.1

Manual Integrations

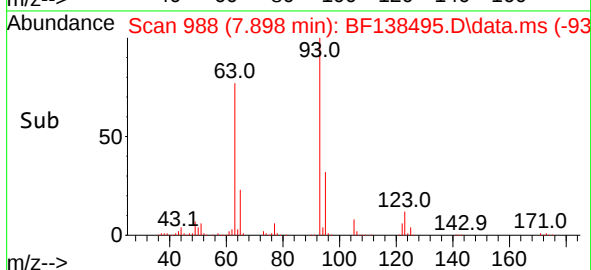
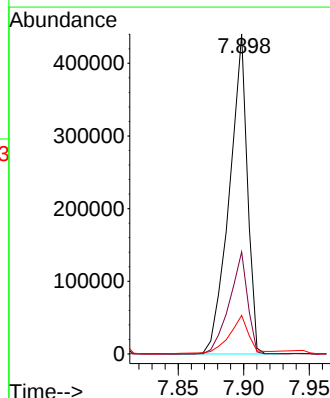
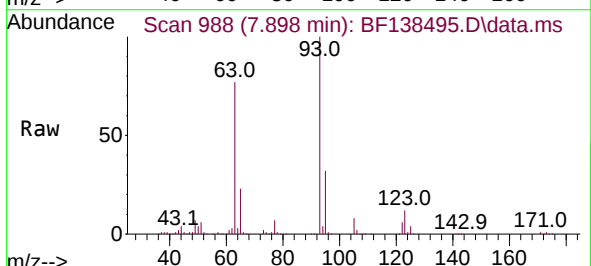
APPROVED

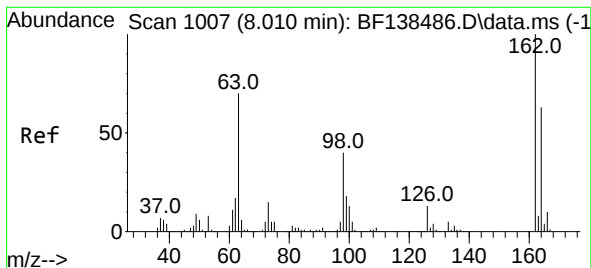
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.016 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 93 Resp: 421386
Ion Ratio Lower Upper
93 100
95 31.9 27.0 40.6
123 12.0 9.1 13.7





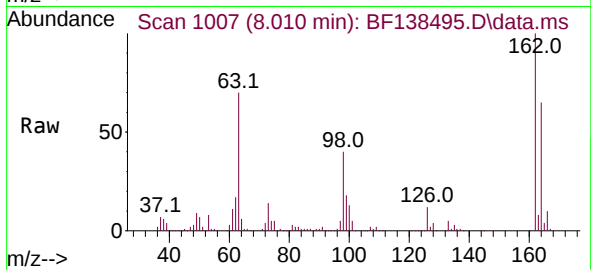
#29
2,4-Dichlorophenol
Concen: 47.276 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



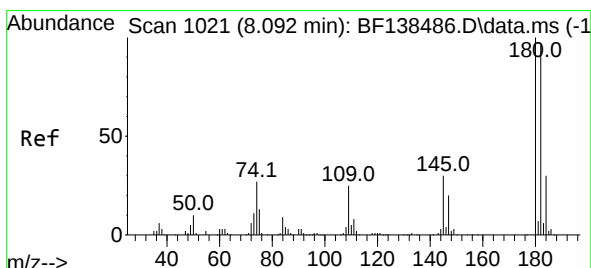
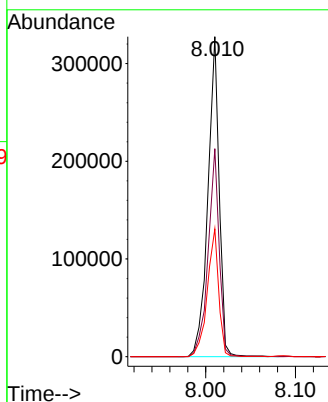
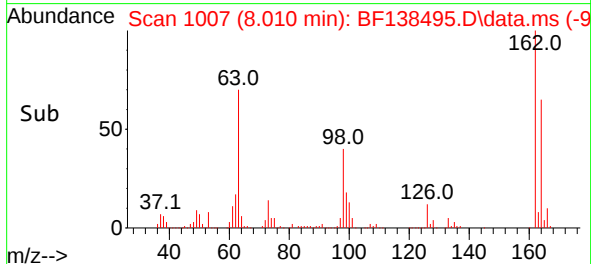
Tgt Ion:162 Resp: 286997
Ion Ratio Lower Upper
162 100
164 65.0 42.6 82.6
98 39.9 20.1 60.1

Manual Integrations

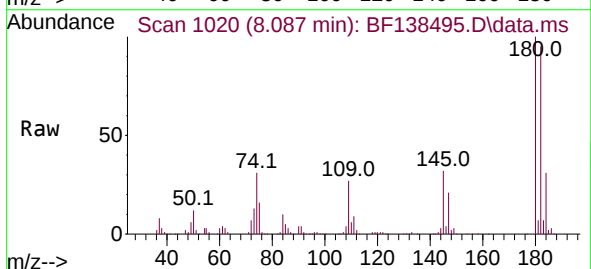
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

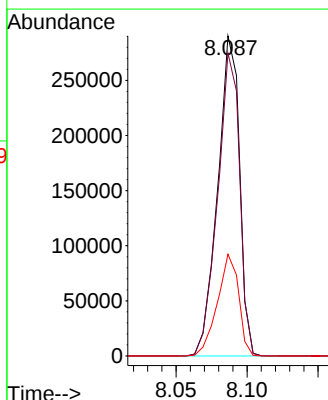
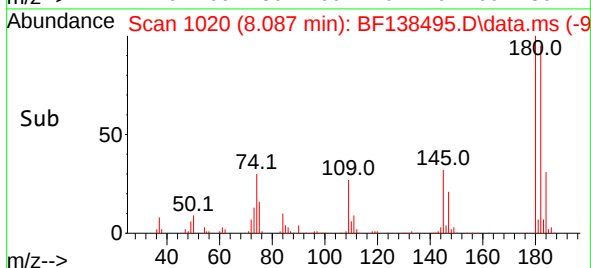
Supervised By :mohammad ahmed 07/11/2024

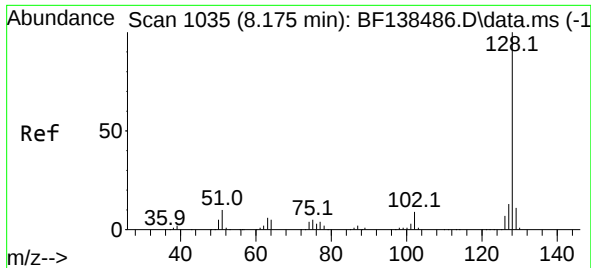


#30
1,2,4-Trichlorobenzene
Concen: 43.743 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:180 Resp: 309343
Ion Ratio Lower Upper
180 100
182 94.6 76.9 115.3
145 31.8 23.9 35.9





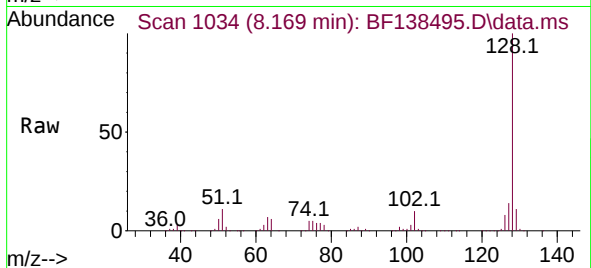
#31
Naphthalene
Concen: 44.651 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



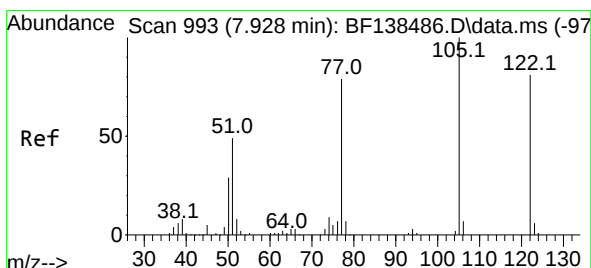
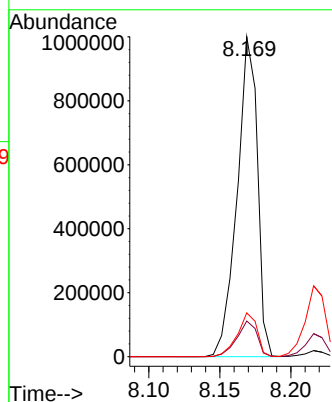
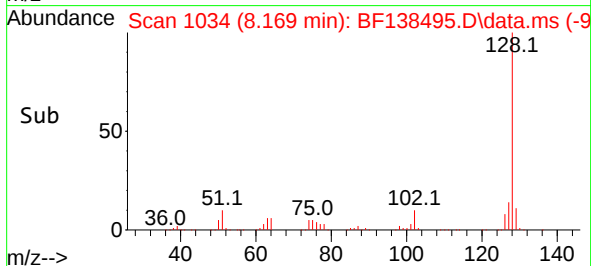
Tgt Ion:128 Resp: 99565
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.7 16.1

Manual Integrations

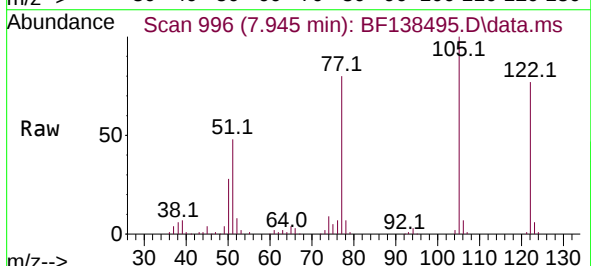
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

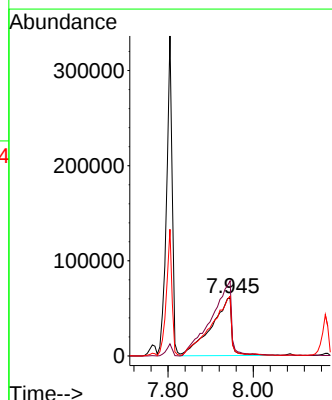
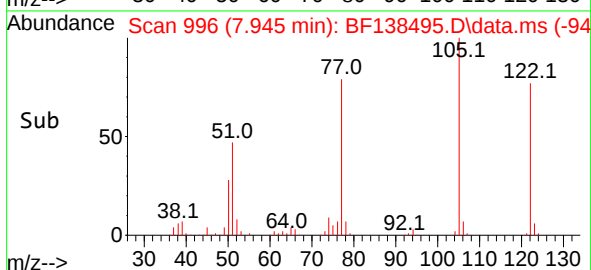
Supervised By :mohammad ahmed 07/11/2024



#32
Benzoic acid
Concen: 45.946 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:122 Resp: 204858
Ion Ratio Lower Upper
122 100
105 129.8 101.5 141.5
77 103.4 77.3 117.3





#33
4-Chloroaniline
Concen: 31.131 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

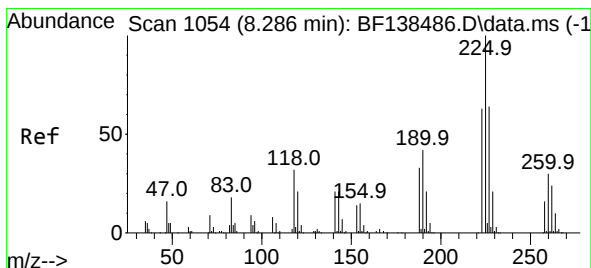
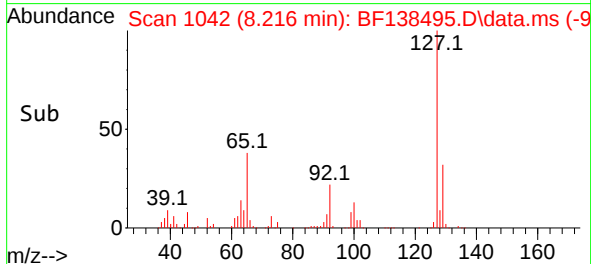
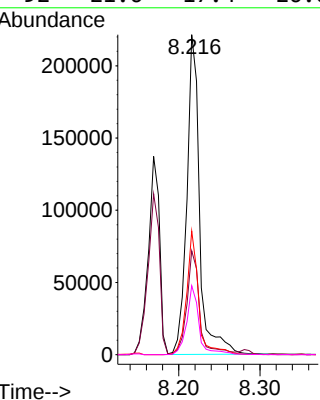
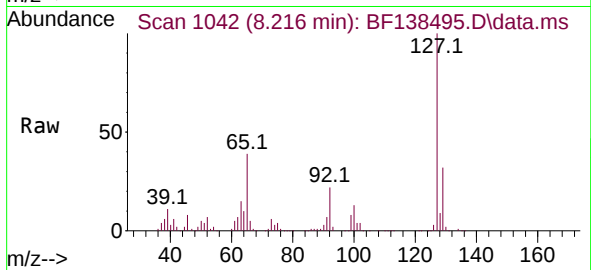
PB161493BS

Tgt Ion:127 Resp: 243570
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 38.6 29.6 44.4
92 21.6 17.4 26.0

Manual Integrations

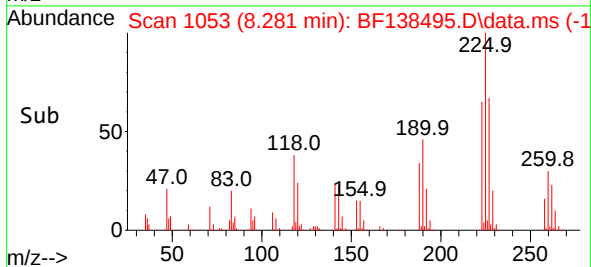
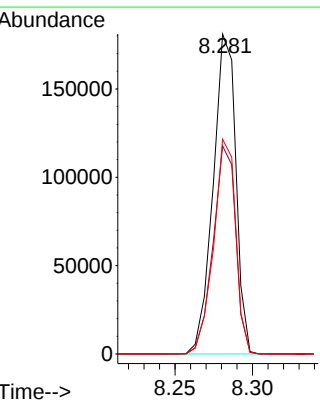
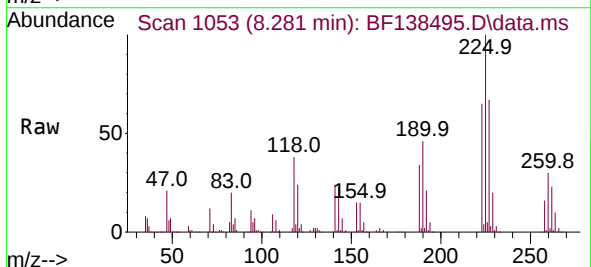
APPROVED

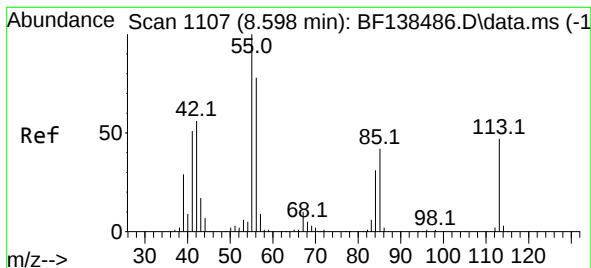
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#34
Hexachlorobutadiene
Concen: 42.357 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:225 Resp: 184457
Ion Ratio Lower Upper
225 100
223 65.0 50.0 75.0
227 67.1 51.0 76.6





#35

Caprolactam

Concen: 49.948 ng m

RT: 8.598 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

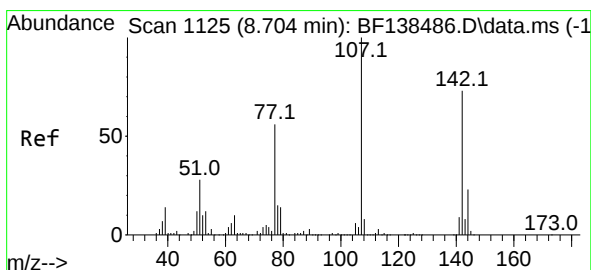
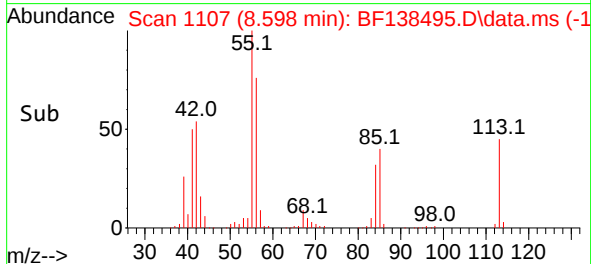
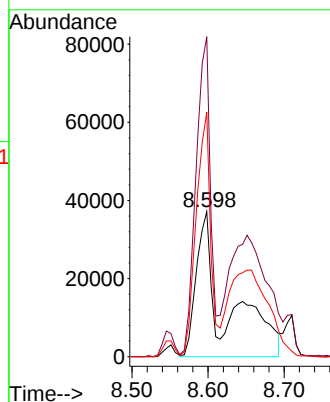
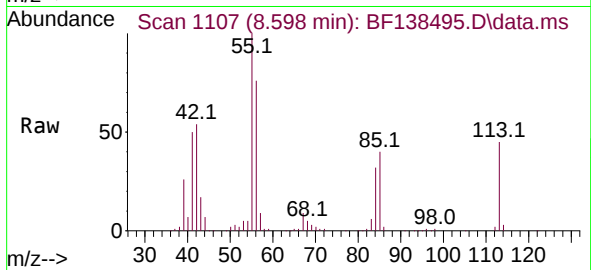
Tgt Ion:113 Resp: 9784
 Ion Ratio Lower Upper
 113 100
 55 220.7 192.5 232.5
 56 168.6 145.3 185.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#36

4-Chloro-3-methylphenol

Concen: 47.109 ng

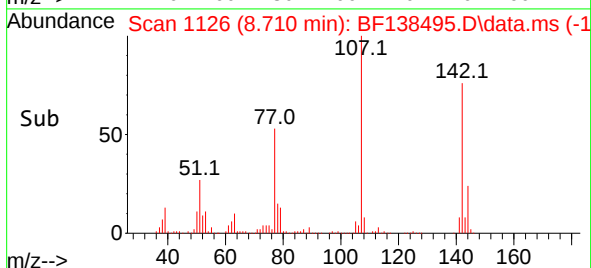
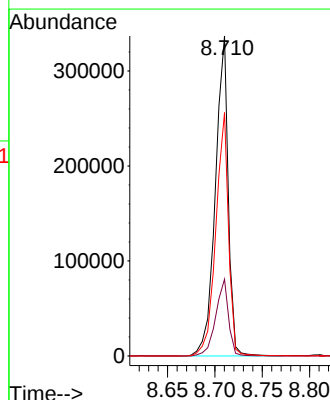
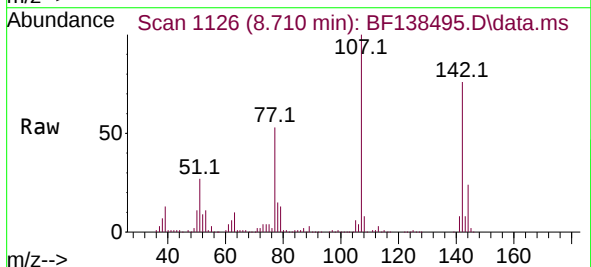
RT: 8.710 min Scan# 1126

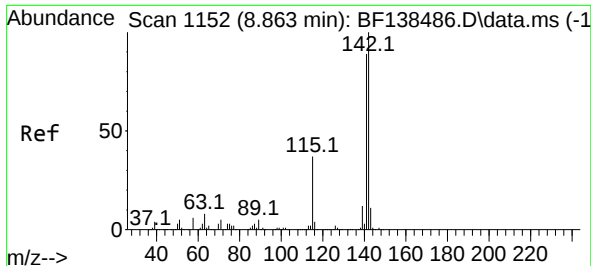
Delta R.T. 0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Tgt Ion:107 Resp: 320163
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.6 27.8
 142 76.0 58.6 88.0





#37

2-Methylnaphthalene

Concen: 44.881 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

Tgt Ion:142 Resp: 644038

Ion Ratio Lower Upper

142 100

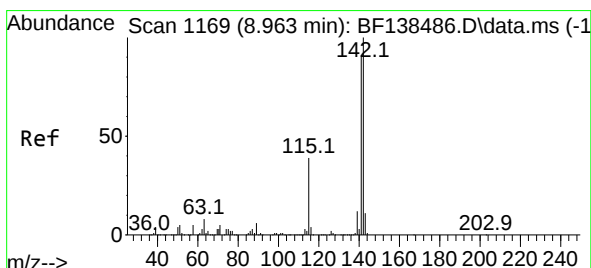
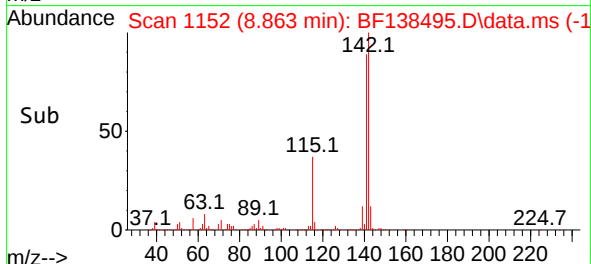
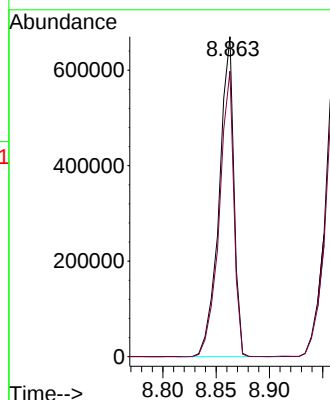
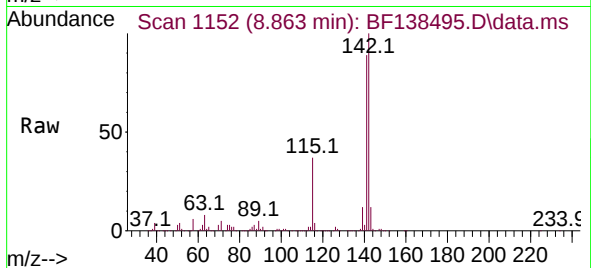
141 89.2 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#38

1-Methylnaphthalene

Concen: 43.026 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138495.D

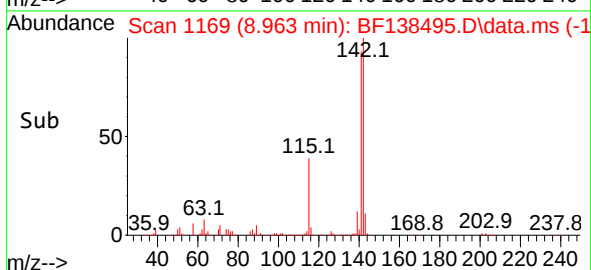
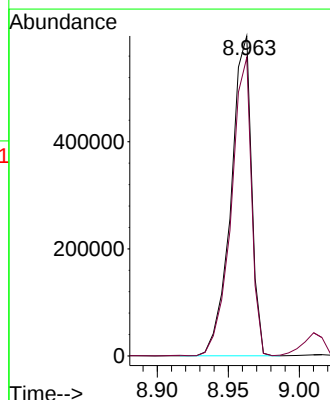
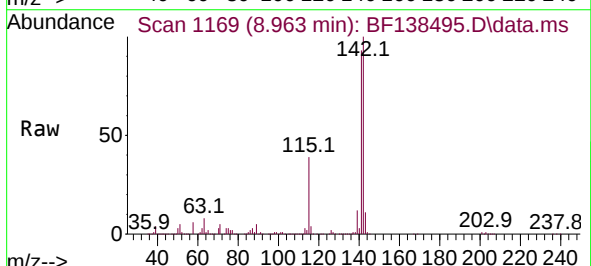
Acq: 10 Jul 2024 11:52

Tgt Ion:142 Resp: 602572

Ion Ratio Lower Upper

142 100

141 93.3 72.6 108.8





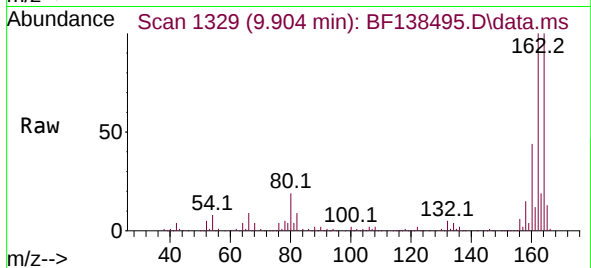
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



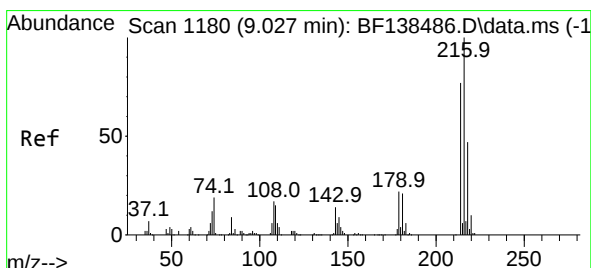
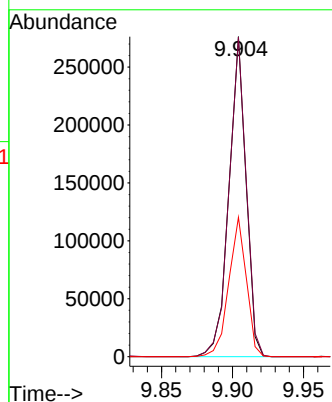
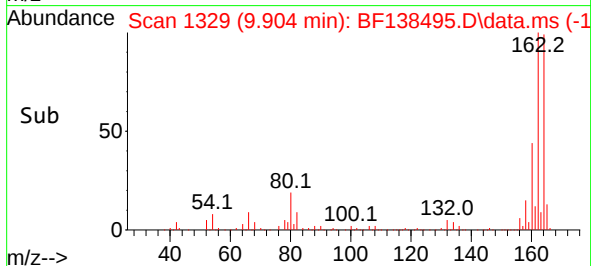
Tgt Ion:164 Resp: 23168
Ion Ratio Lower Upper
164 100
162 99.8 79.0 118.6
160 43.6 34.4 51.6

Manual Integrations

APPROVED

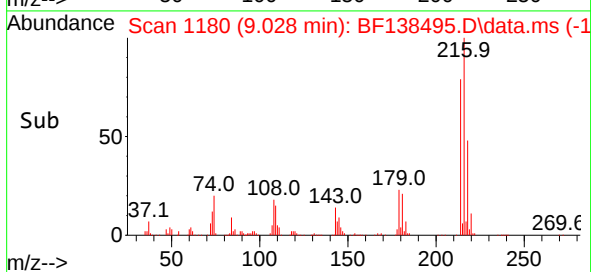
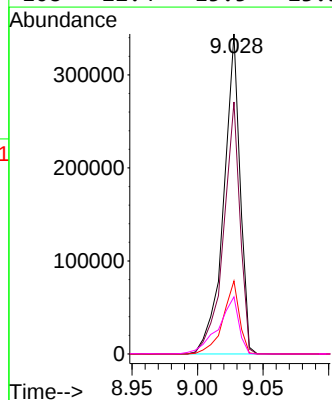
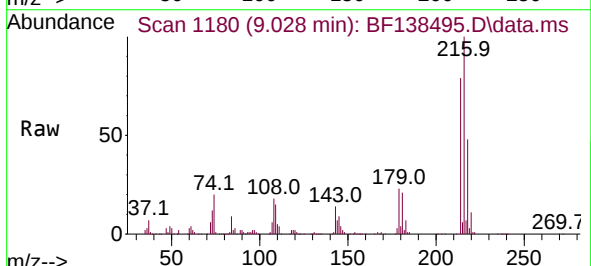
Reviewed By :Yogesh Patel 07/11/2024

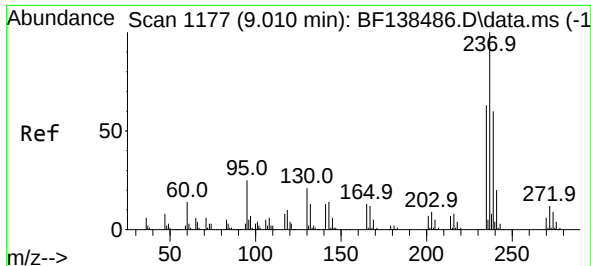
Supervised By :mohammad ahmed 07/11/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.152 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

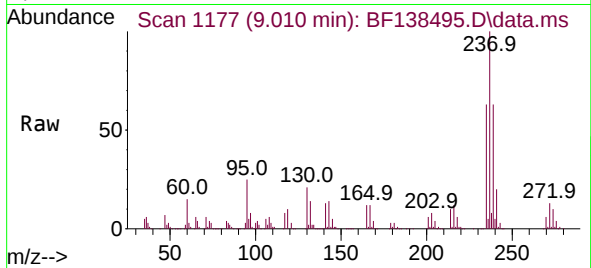
Tgt Ion:216 Resp: 298010
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 22.6 17.7 26.5
108 22.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 174.860 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

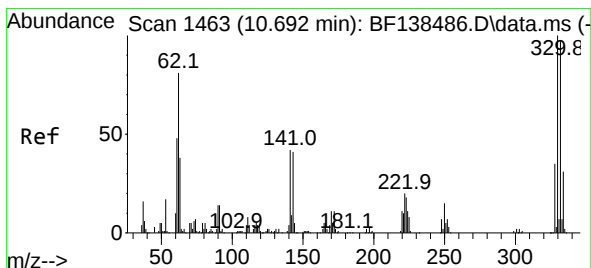
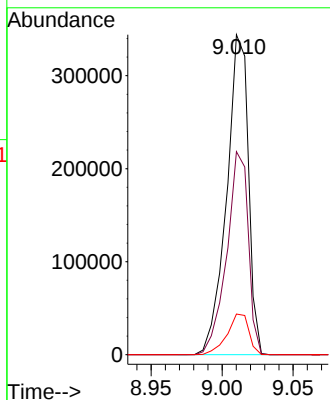
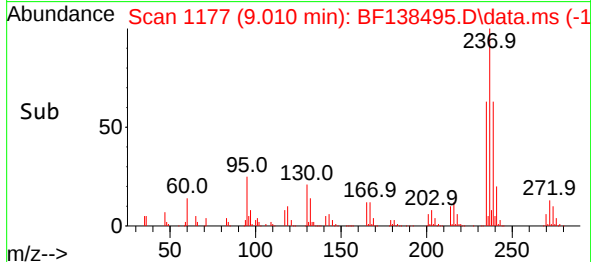
Instrument :
BNA_F
ClientSampleId :
PB161493BS



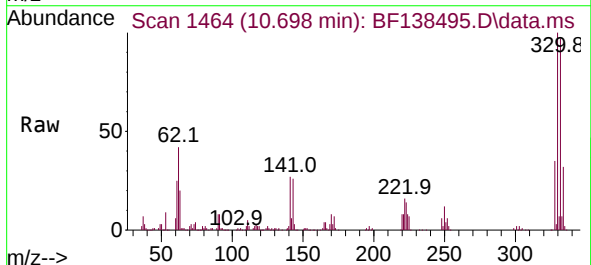
Tgt Ion:237 Resp: 366482
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.7 0.0 32.3

Manual Integrations
APPROVED

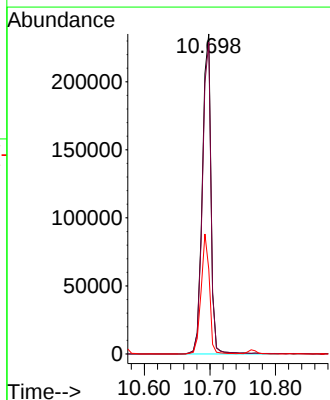
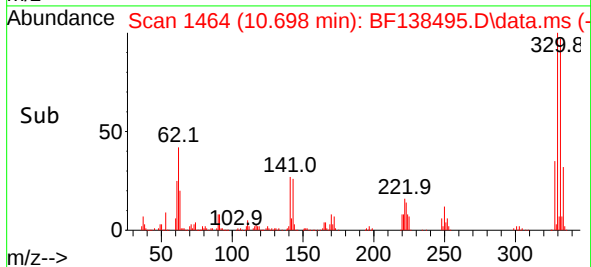
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

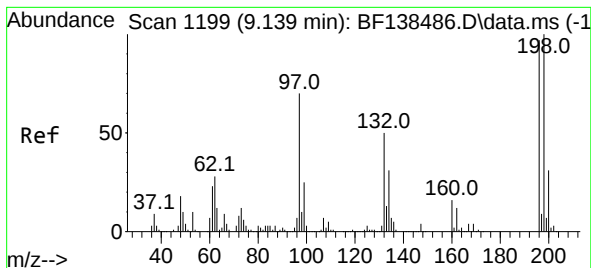


#42
2,4,6-Tribromophenol
Concen: 99.113 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



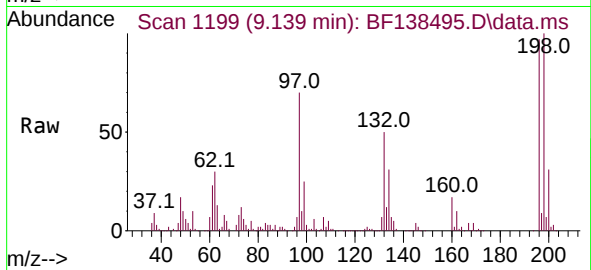
Tgt Ion:330 Resp: 214610
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 36.3 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 49.053 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

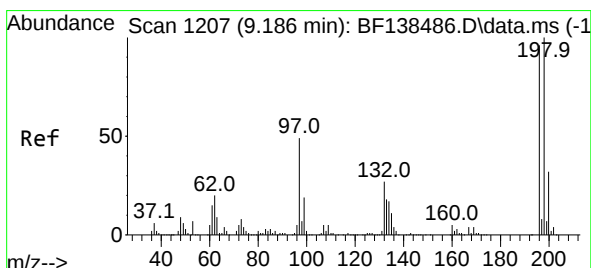
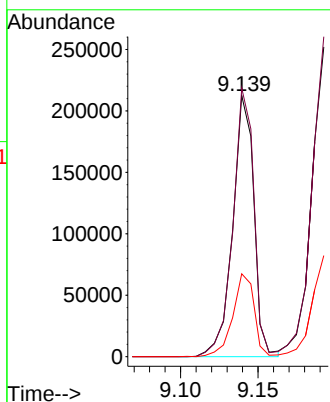
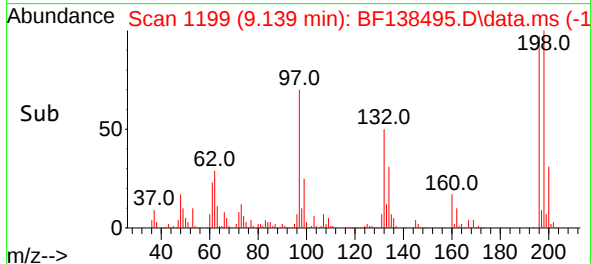
Instrument :
BNA_F
ClientSampleId :
PB161493BS



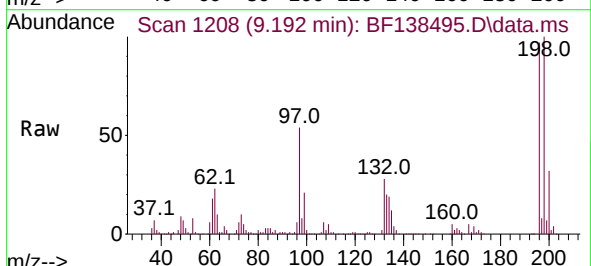
Tgt Ion:196 Resp: 202049
Ion Ratio Lower Upper
196 100
198 102.8 82.3 123.5
200 31.8 25.8 38.6

Manual Integrations
APPROVED

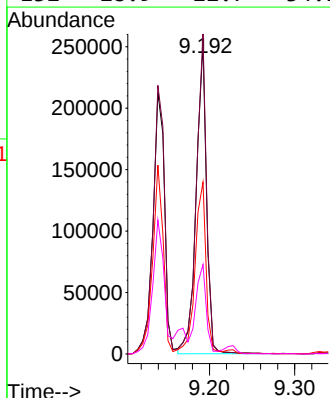
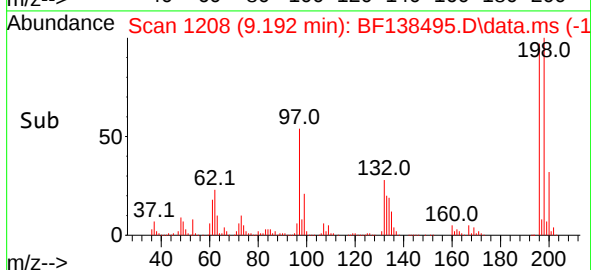
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

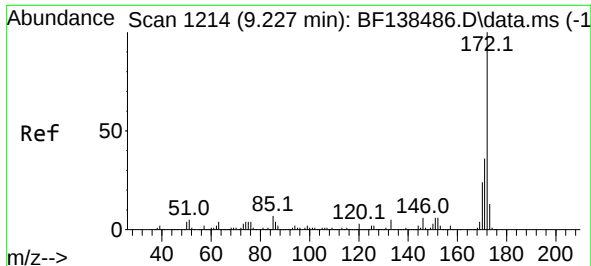


#44
2,4,5-Trichlorophenol
Concen: 47.280 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:196 Resp: 214191
Ion Ratio Lower Upper
196 100
198 103.3 82.8 124.2
97 55.4 41.0 61.4
132 28.9 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 90.632 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

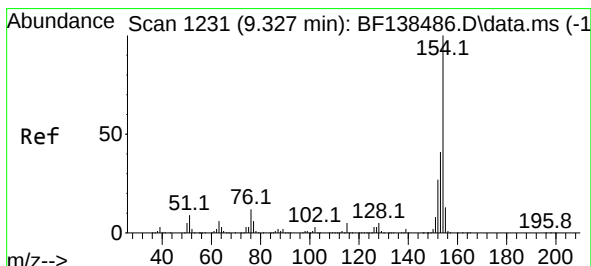
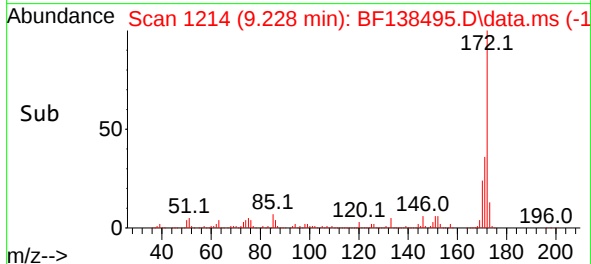
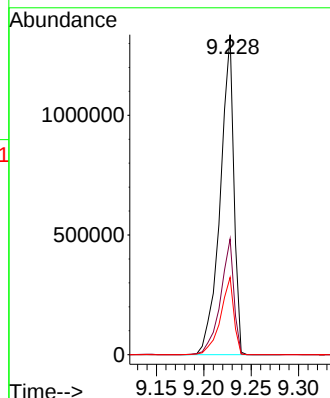
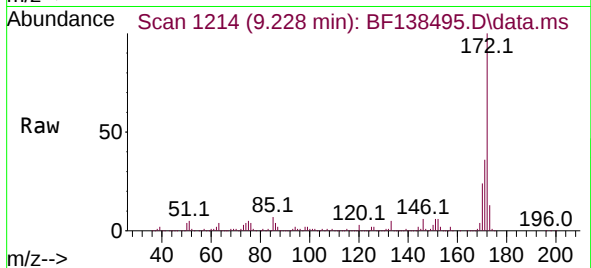
PB161493BS

Tgt Ion:172 Resp: 134351
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.2 18.9 28.3

Manual Integrations

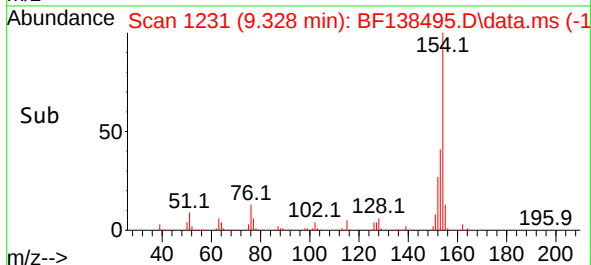
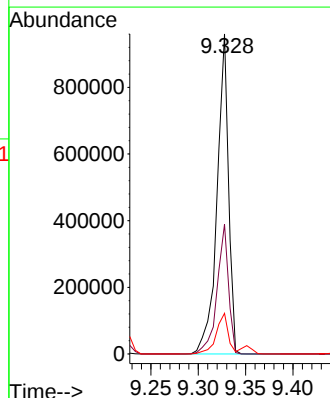
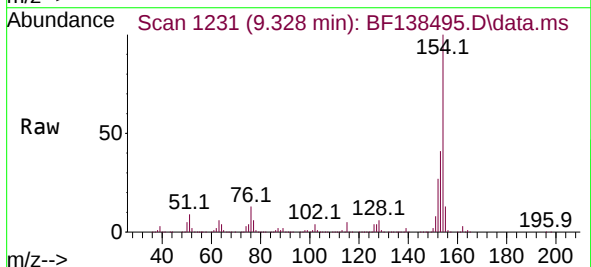
APPROVED

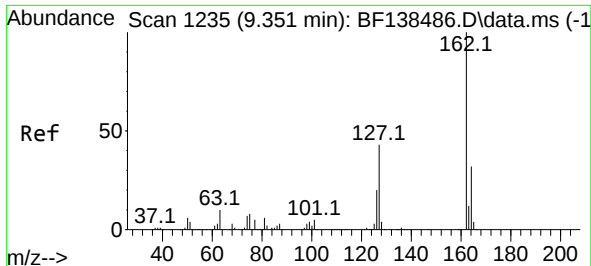
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#46
1,1'-Biphenyl
Concen: 46.063 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:154 Resp: 808769
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 46.941 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

Tgt Ion:162 Resp: 622640

Ion Ratio Lower Upper

162 100

127 44.1 34.8 52.2

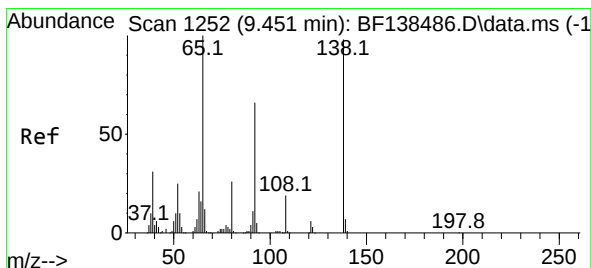
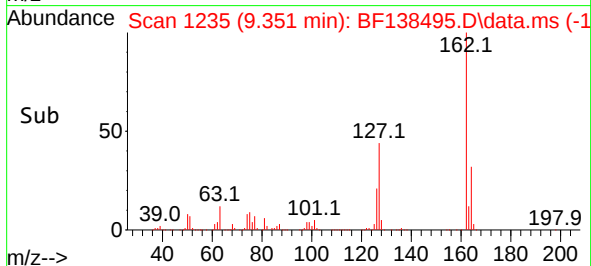
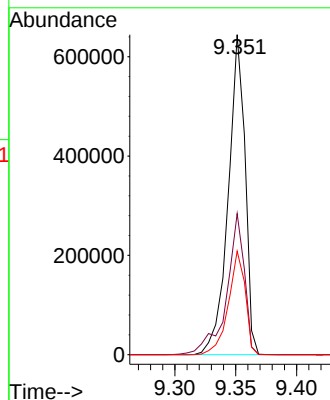
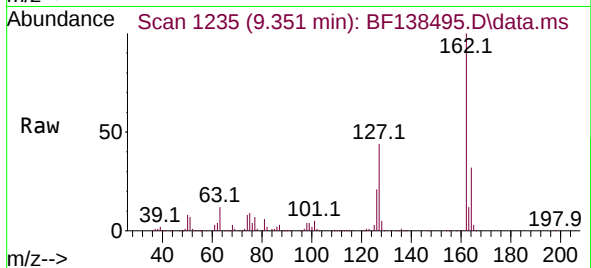
164 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#48

2-Nitroaniline

Concen: 51.082 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

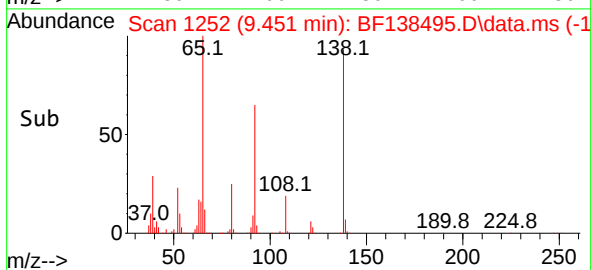
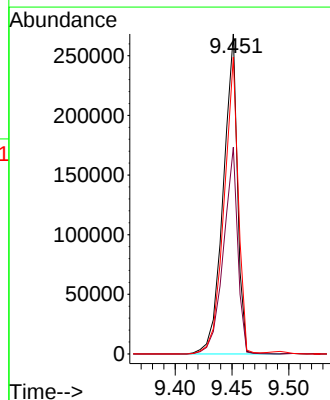
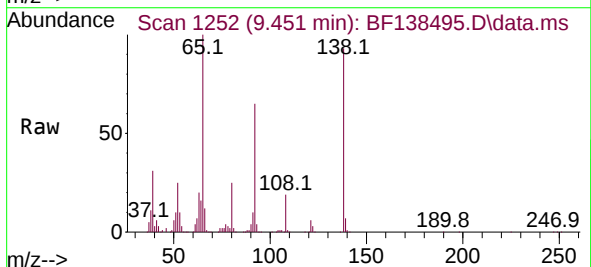
Tgt Ion: 65 Resp: 234798

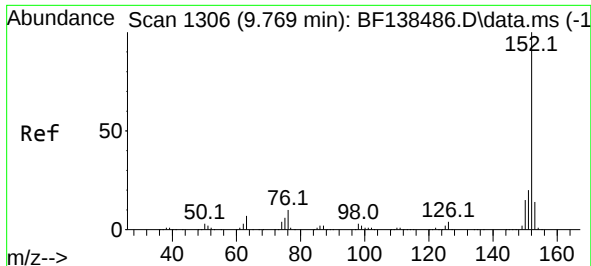
Ion Ratio Lower Upper

65 100

92 64.6 52.6 78.8

138 92.8 78.6 118.0





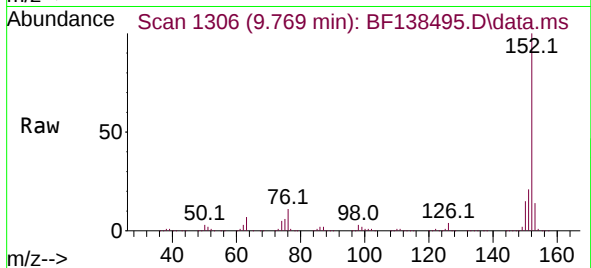
#49
Acenaphthylene
Concen: 49.847 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



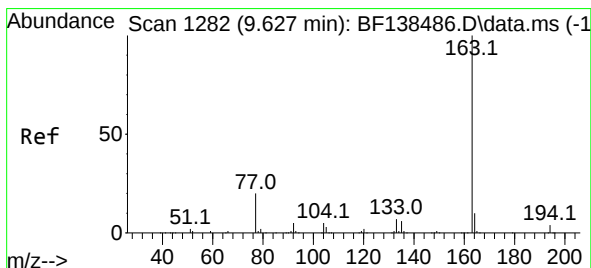
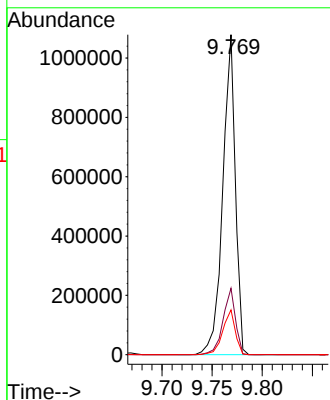
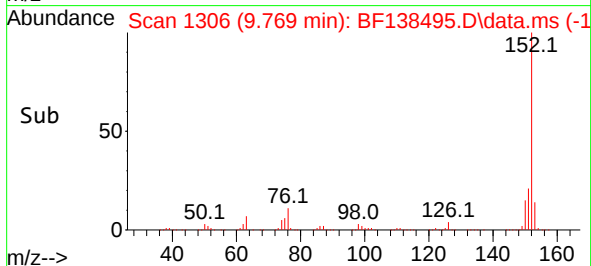
Tgt Ion:152 Resp: 938710
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.3 16.9

Manual Integrations

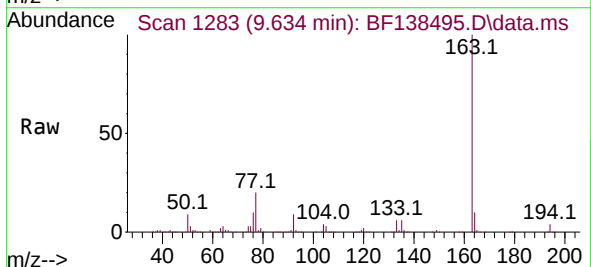
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

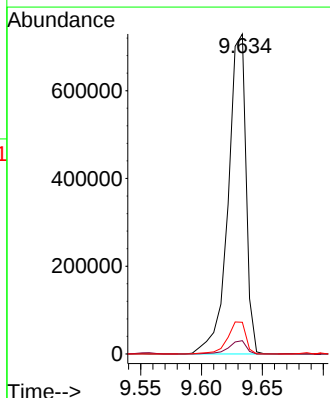
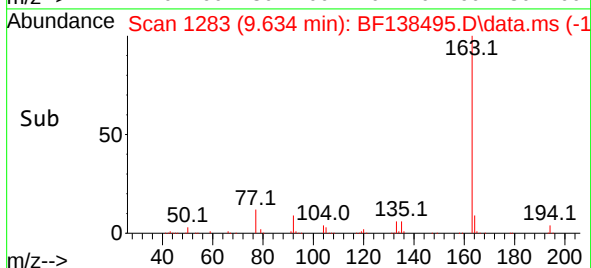
Supervised By :mohammad ahmed 07/11/2024

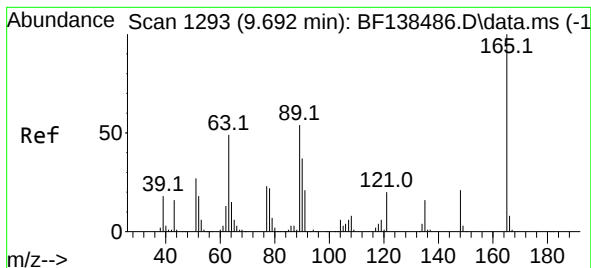


#50
Dimethylphthalate
Concen: 49.750 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:163 Resp: 745312
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.1 12.1





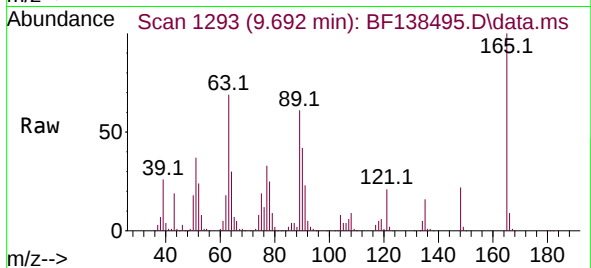
#51
2,6-Dinitrotoluene
Concen: 48.673 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



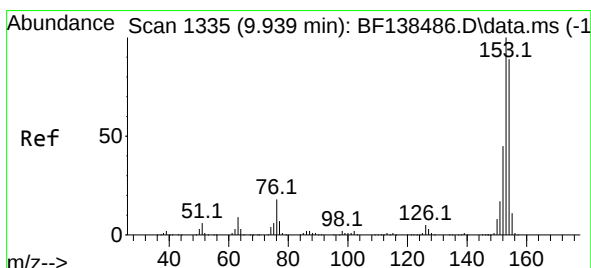
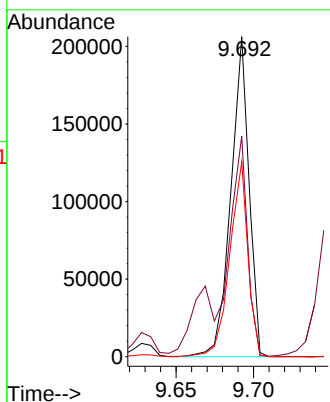
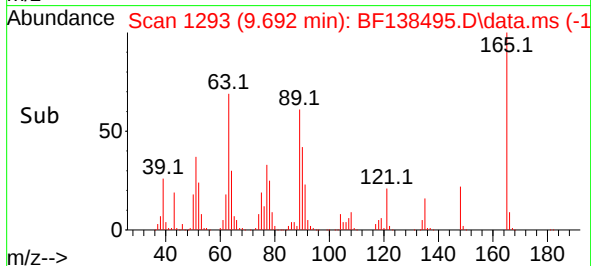
Tgt Ion:165 Resp: 16788
Ion Ratio Lower Upper
165 100
63 68.9 48.1 72.1
89 60.9 43.0 64.6

Manual Integrations

APPROVED

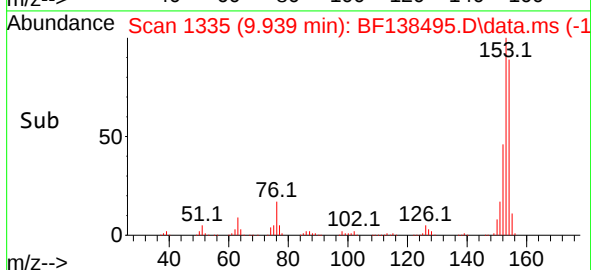
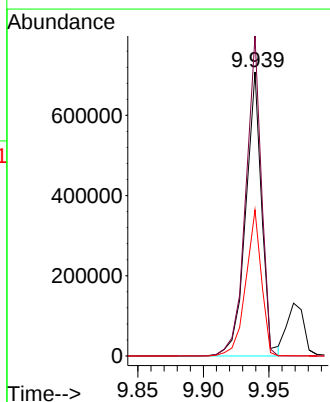
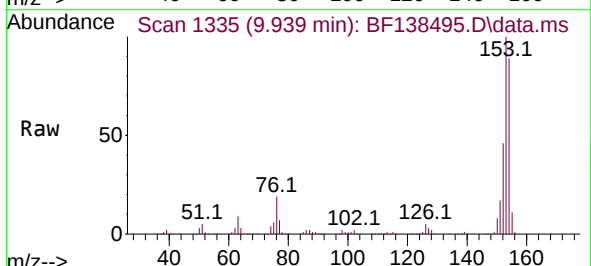
Reviewed By :Yogesh Patel 07/11/2024

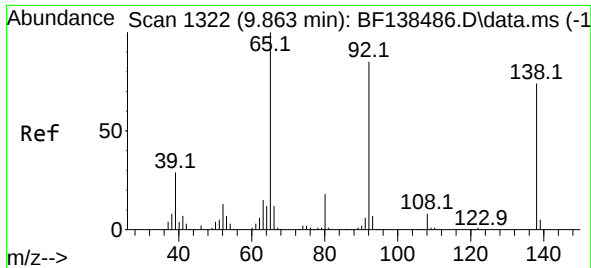
Supervised By :mohammad ahmed 07/11/2024



#52
Acenaphthene
Concen: 47.988 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:154 Resp: 600722
Ion Ratio Lower Upper
154 100
153 112.7 90.4 135.6
152 51.5 41.1 61.7





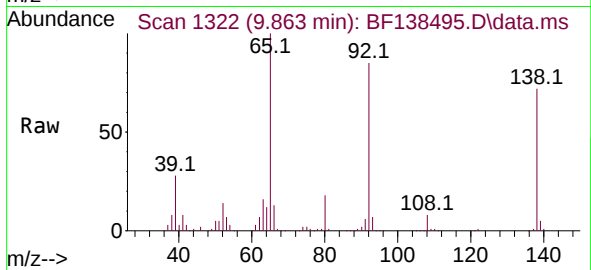
#53
3-Nitroaniline
Concen: 35.711 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



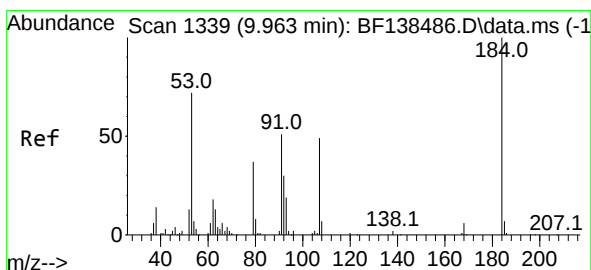
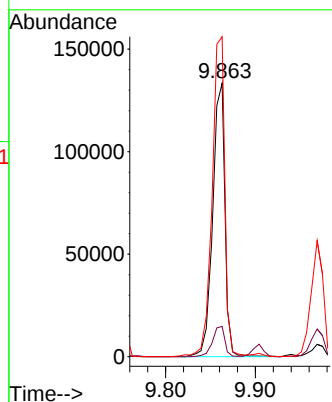
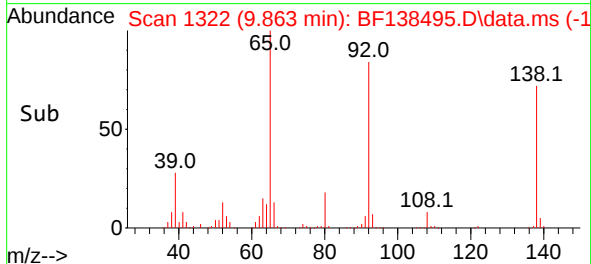
Tgt Ion:138 Resp: 126250
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 117.0 92.6 138.8

Manual Integrations

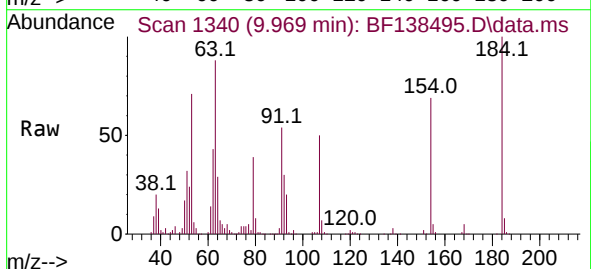
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

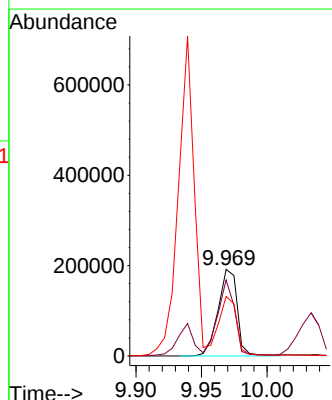
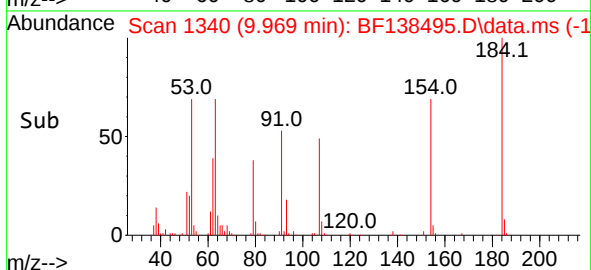
Supervised By :mohammad ahmed 07/11/2024



#54
2,4-Dinitrophenol
Concen: 103.914 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:184 Resp: 195110
Ion Ratio Lower Upper
184 100
63 87.8 70.6 106.0
154 68.8 53.8 80.6





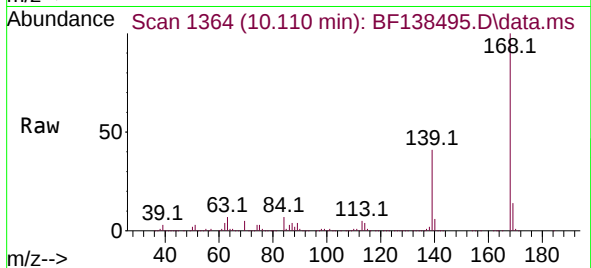
#55
Dibenzofuran
Concen: 48.418 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



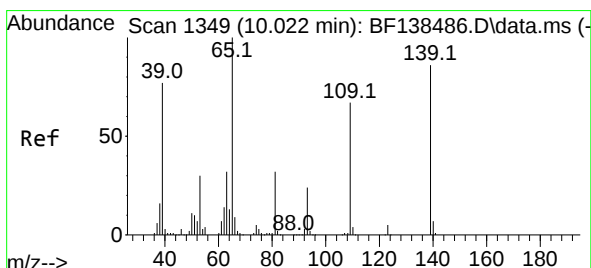
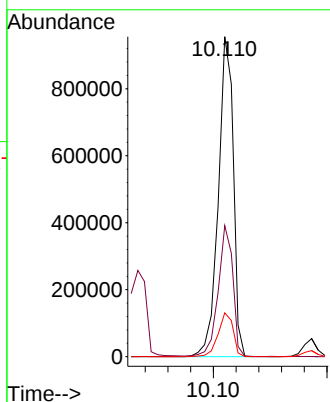
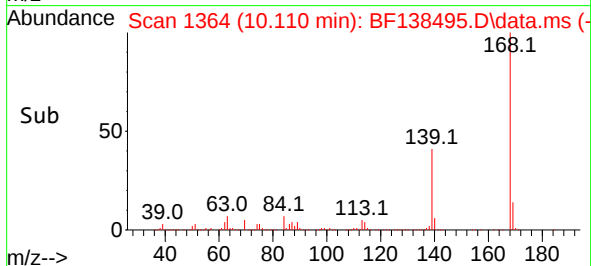
Tgt Ion:168 Resp: 879134
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 13.7 10.9 16.3

Manual Integrations

APPROVED

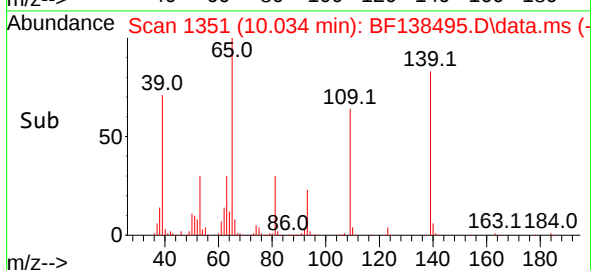
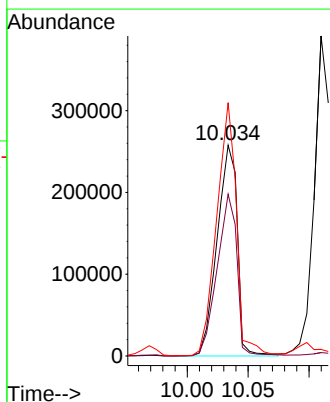
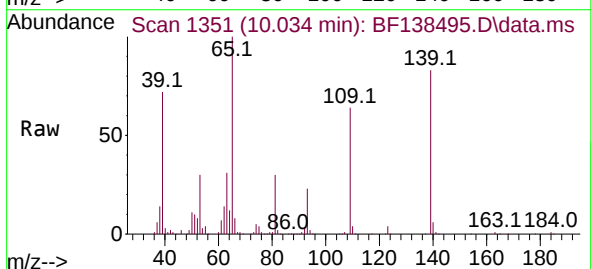
Reviewed By :Yogesh Patel 07/11/2024

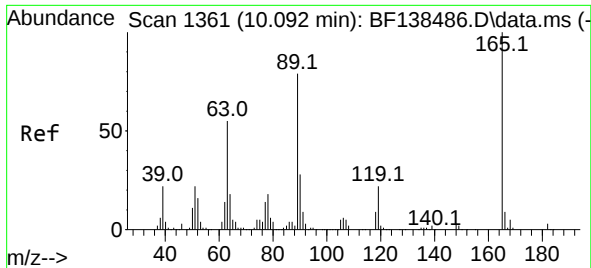
Supervised By :mohammad ahmed 07/11/2024



#56
4-Nitrophenol
Concen: 114.024 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:139 Resp: 297439
Ion Ratio Lower Upper
139 100
109 76.8 58.1 98.1
65 120.2 96.9 136.9





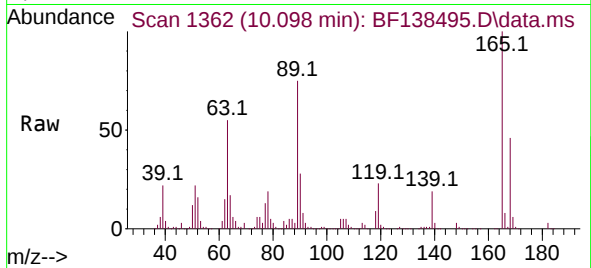
#57
2,4-Dinitrotoluene
Concen: 49.740 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



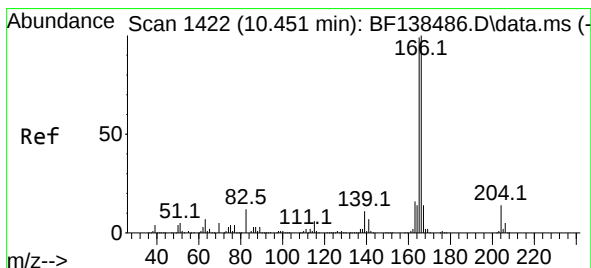
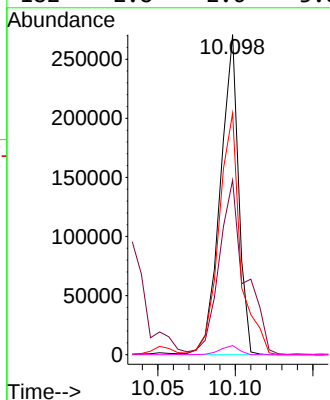
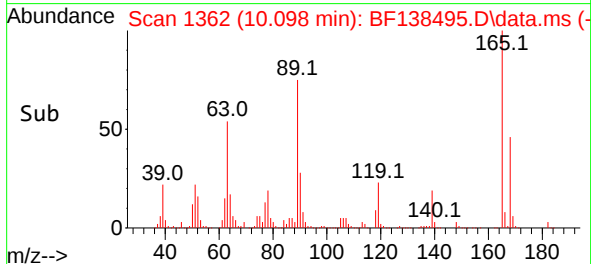
Tgt Ion:165 Resp: 221990
Ion Ratio Lower Upper
165 100
63 54.6 44.6 66.8
89 75.5 63.4 95.2
182 2.8 2.6 3.8

Manual Integrations

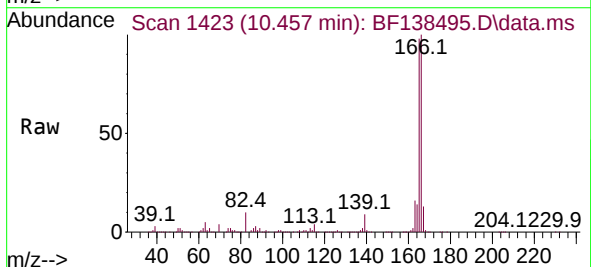
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

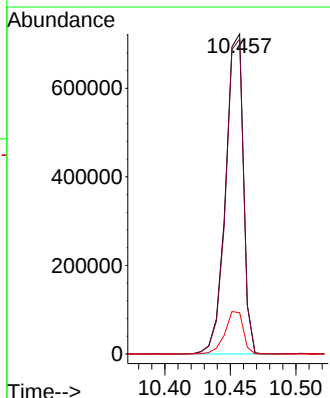
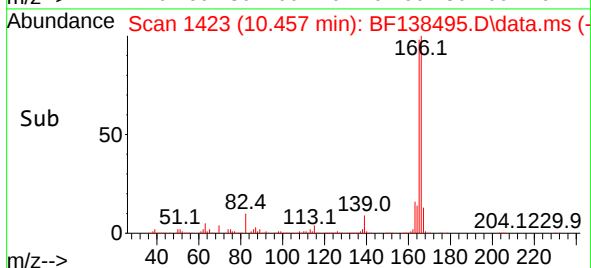
Supervised By :mohammad ahmed 07/11/2024

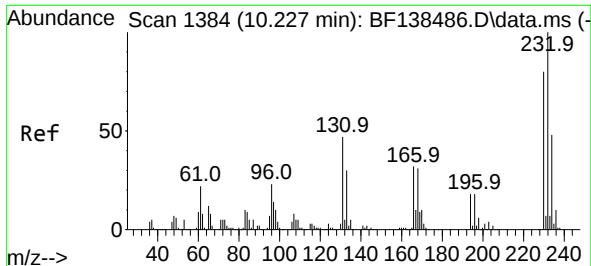


#58
Fluorene
Concen: 47.498 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



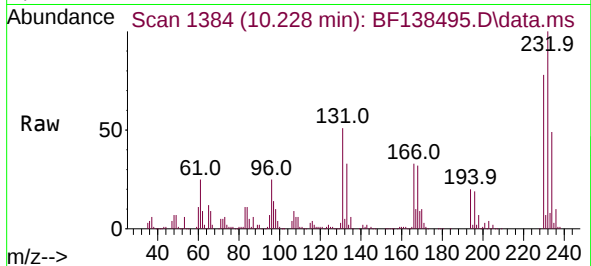
Tgt Ion:166 Resp: 682389
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 12.9 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.318 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

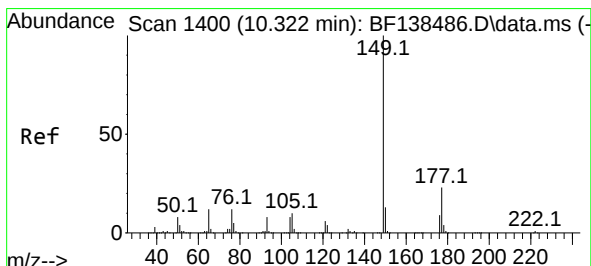
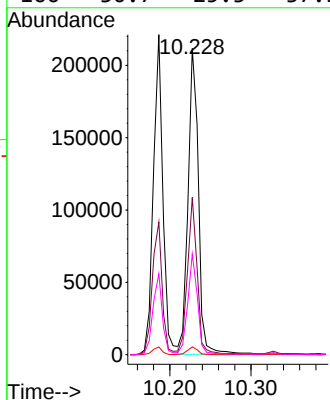
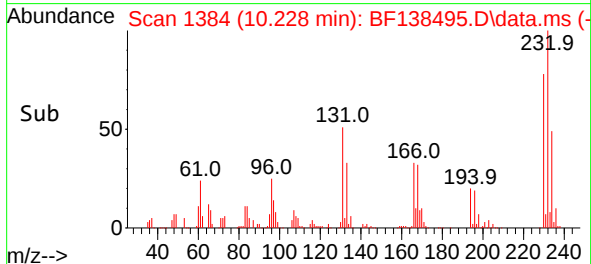
Instrument :
BNA_F
ClientSampleId :
PB161493BS



Tgt Ion:232 Resp: 187054
Ion Ratio Lower Upper
232 100
131 48.4 37.5 56.3
130 2.6 2.0 3.0
166 30.7 25.3 37.9

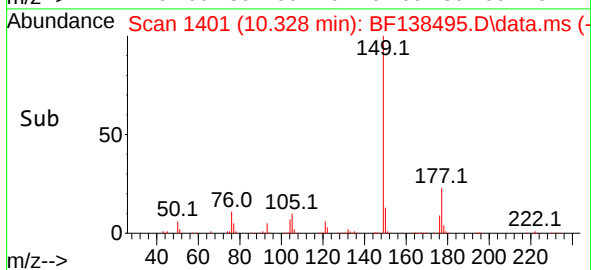
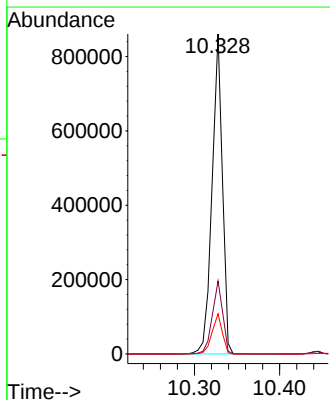
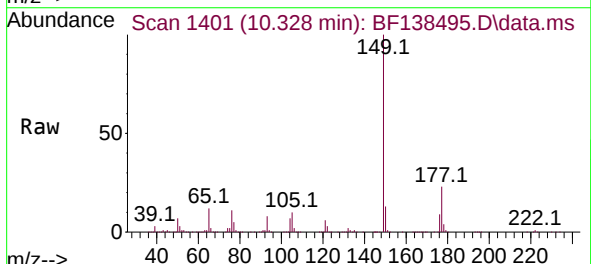
Manual Integrations
APPROVED

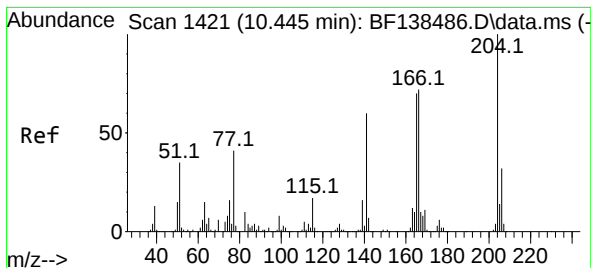
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#60
Diethylphthalate
Concen: 50.234 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

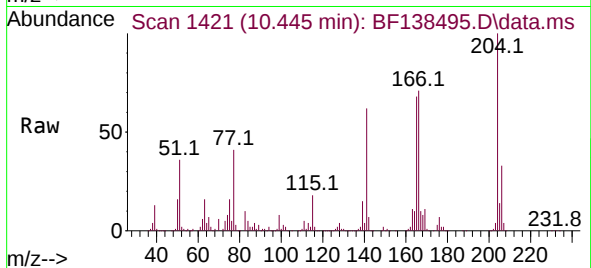
Tgt Ion:149 Resp: 725488
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.700 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

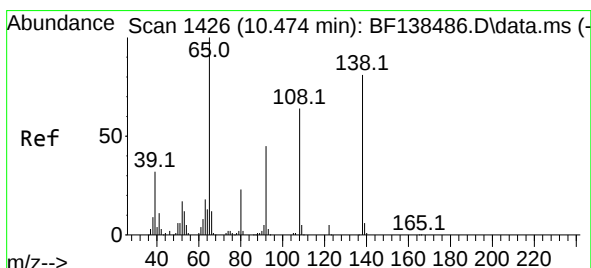
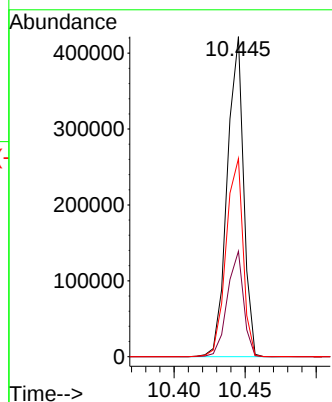
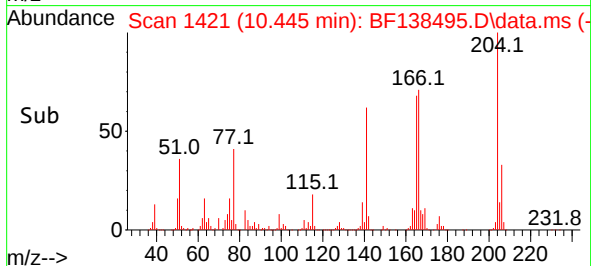
Instrument :
BNA_F
ClientSampleId :
PB161493BS



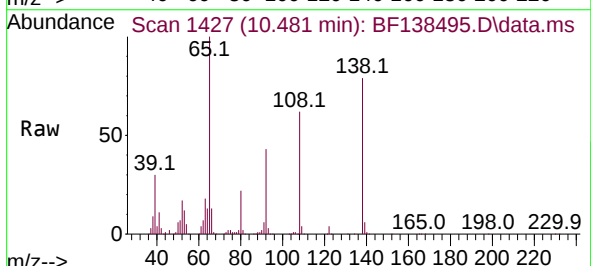
Tgt Ion:204 Resp: 336904
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 61.9 47.7 71.5

Manual Integrations
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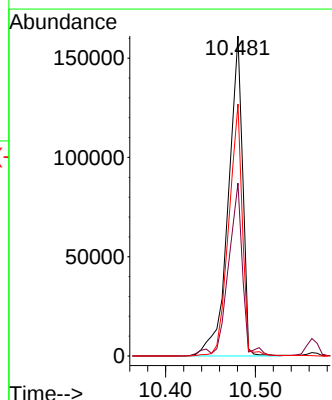
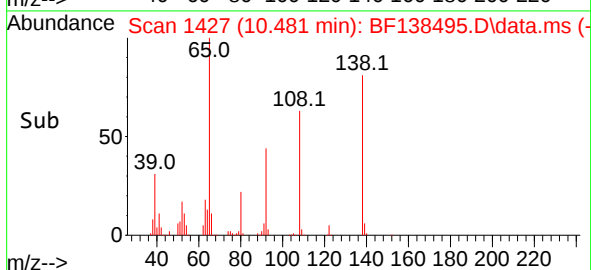
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

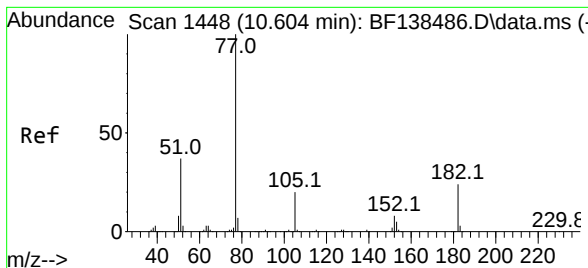


#62
4-Nitroaniline
Concen: 50.418 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:138 Resp: 178613
Ion Ratio Lower Upper
138 100
92 54.0 35.8 75.8
108 78.7 59.8 99.8





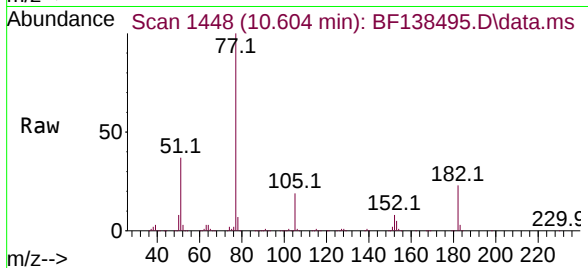
#63
Azobenzene
Concen: 48.777 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



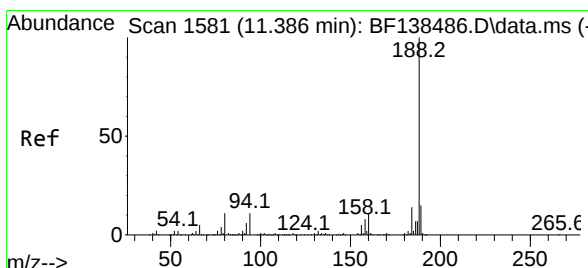
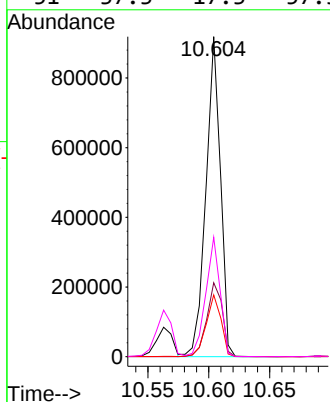
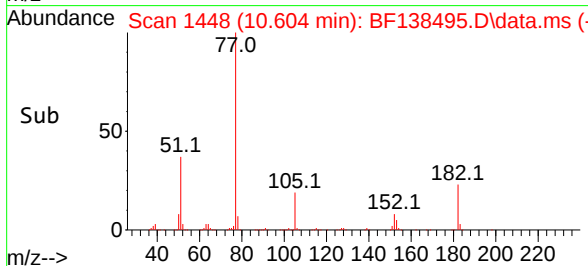
Tgt Ion: 77 Resp: 757370
Ion Ratio Lower Upper
77 100
182 23.1 3.8 43.8
105 19.3 0.0 39.8
51 37.3 17.3 57.3

Manual Integrations

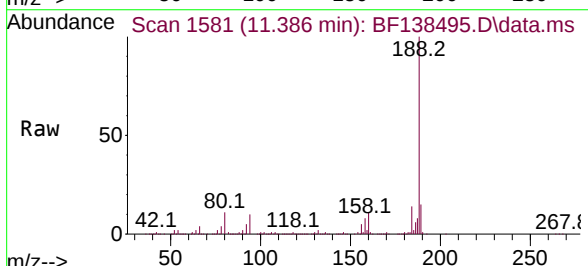
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

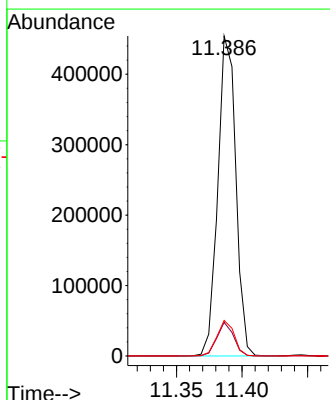
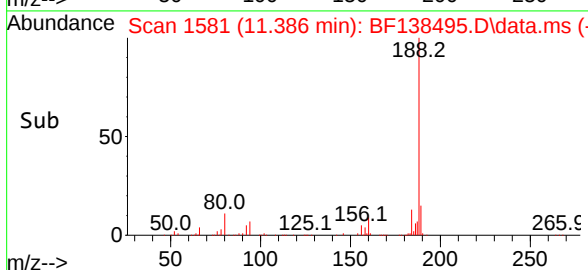
Supervised By :mohammad ahmed 07/11/2024

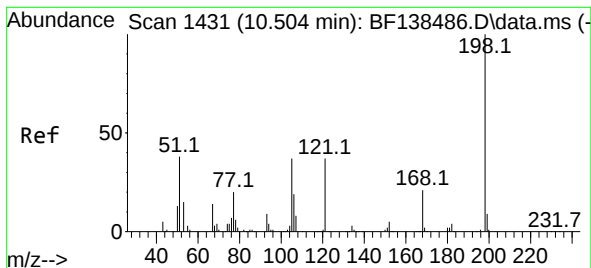


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:188 Resp: 433358
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.1 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.296 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

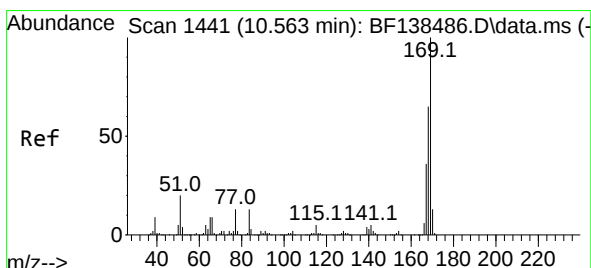
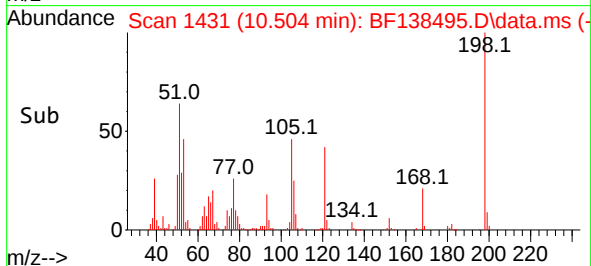
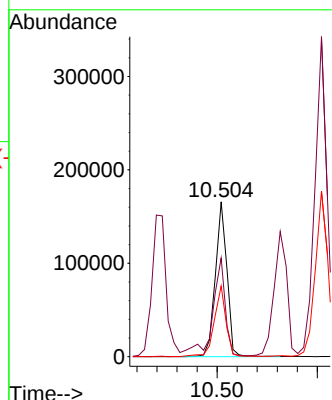
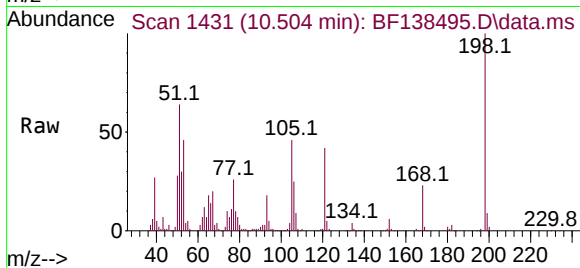
ClientSampleId :

PB161493BS

Tgt Ion:198 Resp: 13336
Ion Ratio Lower Upper
198 100
51 63.7 27.2 67.2
105 45.6 18.5 58.5

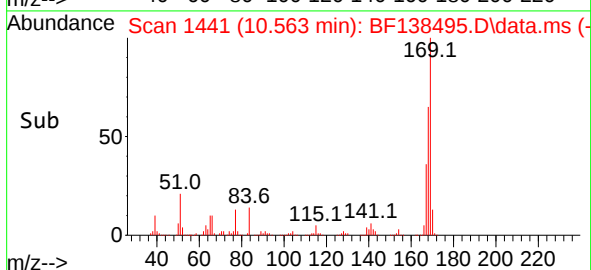
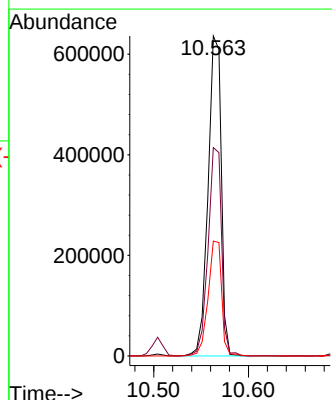
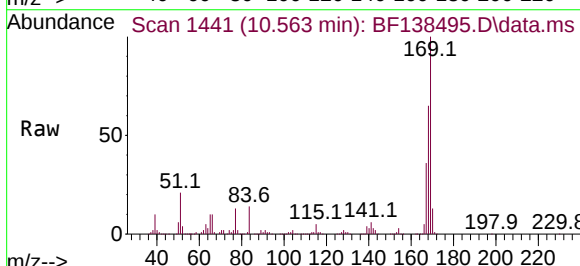
Manual Integrations
APPROVED

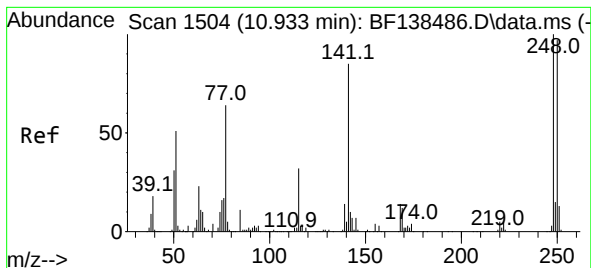
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#66
n-Nitrosodiphenylamine
Concen: 47.274 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

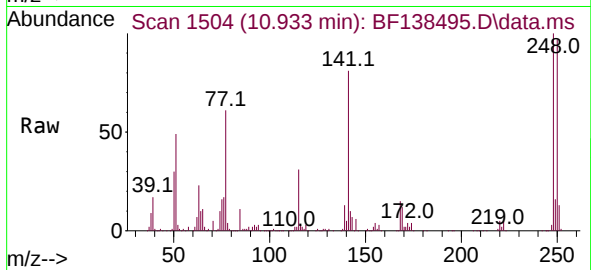
Tgt Ion:169 Resp: 613798
Ion Ratio Lower Upper
169 100
168 65.1 51.7 77.5
167 35.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 45.786 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

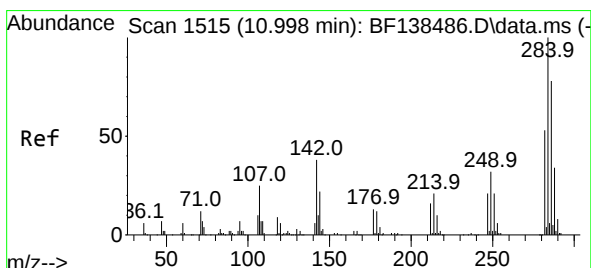
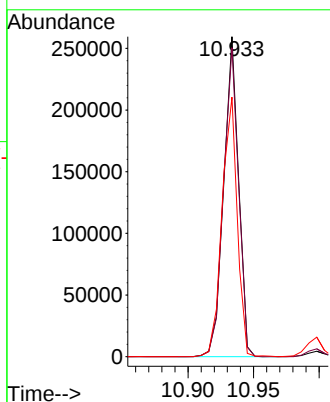
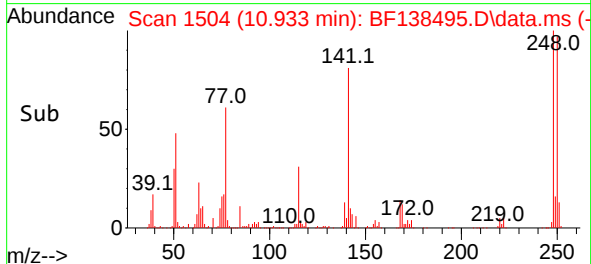
Instrument :
BNA_F
ClientSampleId :
PB161493BS



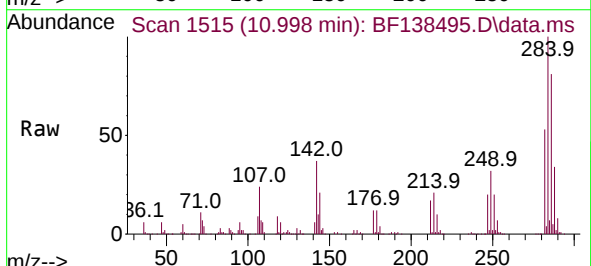
Tgt Ion:248 Resp: 203930
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 81.1 67.7 101.5

Manual Integrations
APPROVED

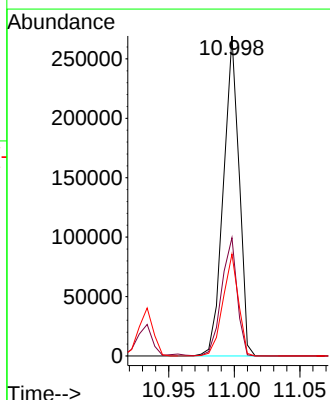
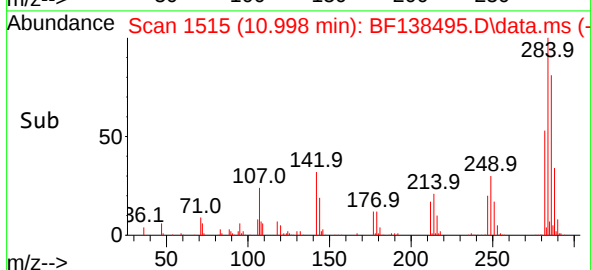
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

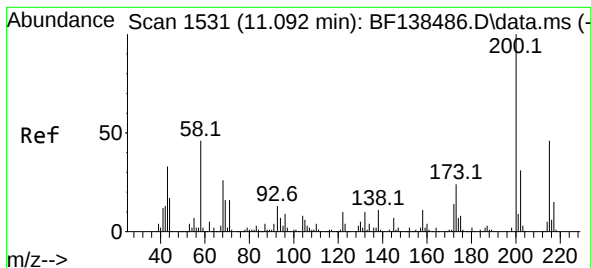


#68
Hexachlorobenzene
Concen: 44.976 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:284 Resp: 222547
Ion Ratio Lower Upper
284 100
142 36.9 30.5 45.7
249 31.9 25.9 38.9





#69

Atrazine

Concen: 50.003 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

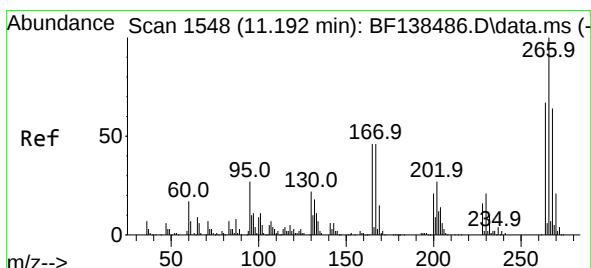
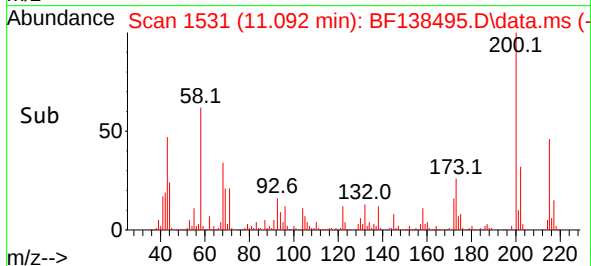
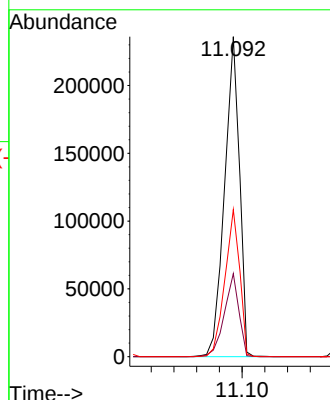
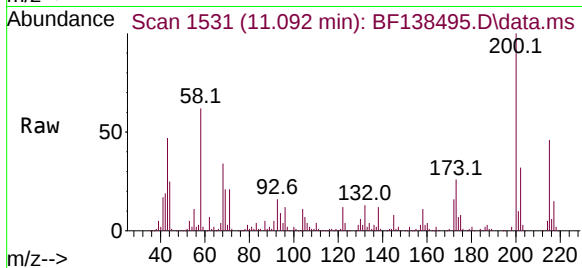
Tgt Ion:200 Resp: 215248
 Ion Ratio Lower Upper
 200 100
 173 26.0 4.1 44.1
 215 46.0 26.5 66.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#70

Pentachlorophenol

Concen: 90.181 ng

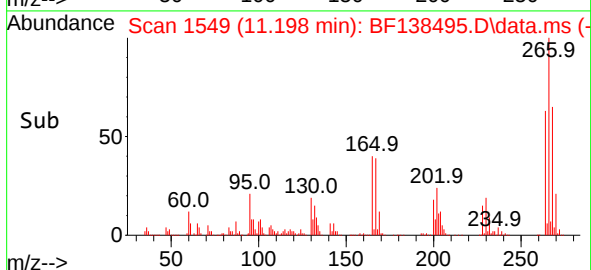
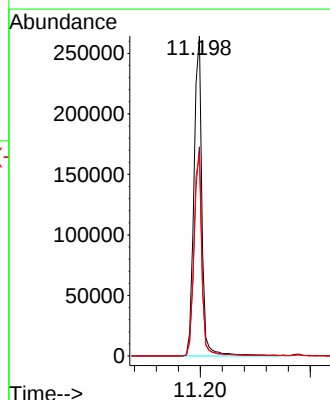
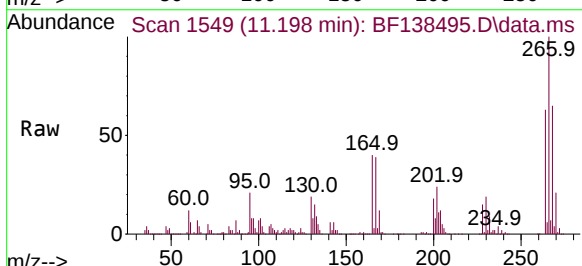
RT: 11.198 min Scan# 1549

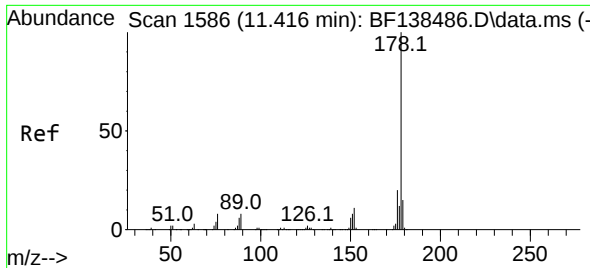
Delta R.T. 0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Tgt Ion:266 Resp: 264048
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.9 76.3
 264 62.8 53.5 80.3





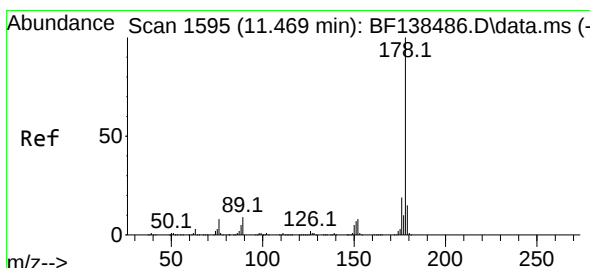
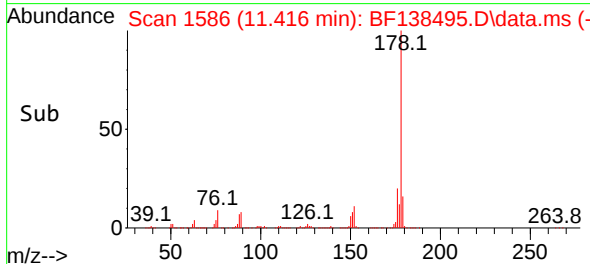
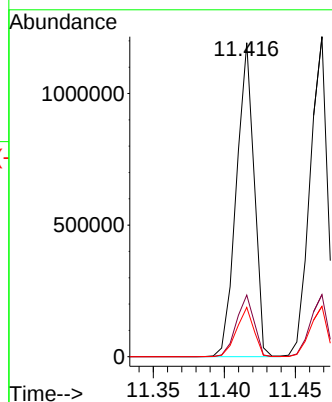
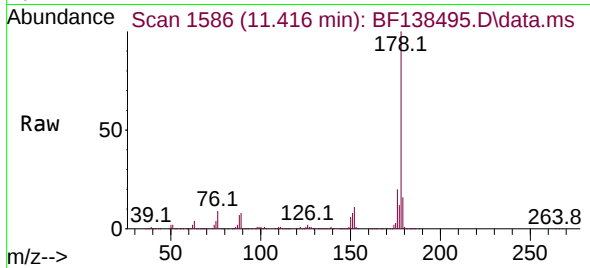
#71
Phenanthrene
Concen: 47.388 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:178 Resp: 1037500
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.7 12.2 18.2

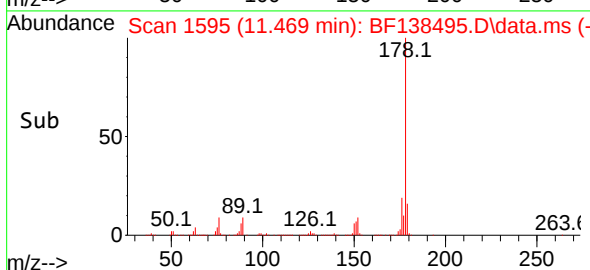
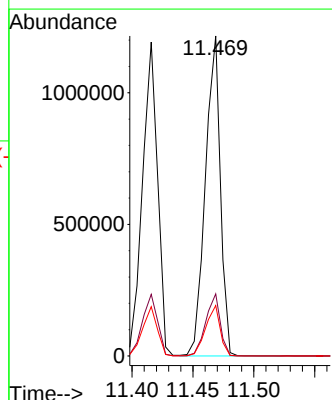
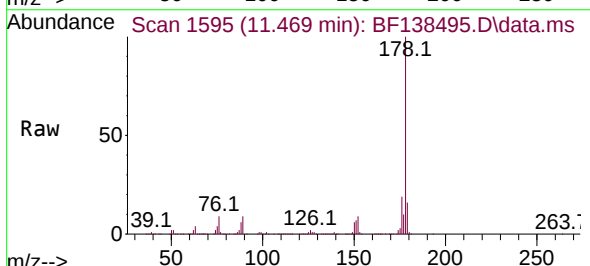
Manual Integrations
APPROVED

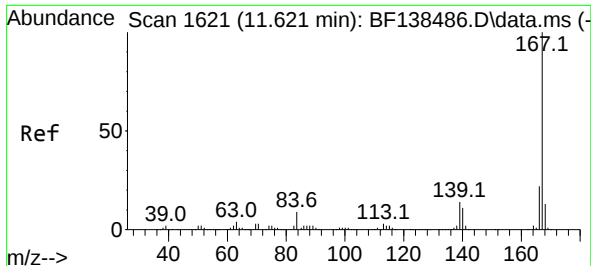
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#72
Anthracene
Concen: 47.762 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

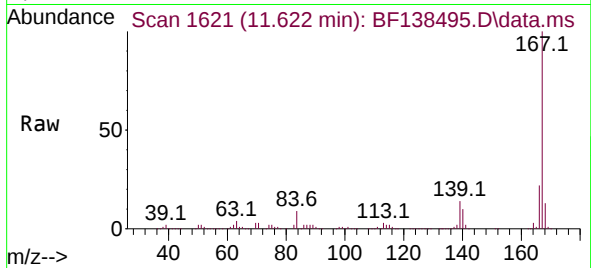
Tgt Ion:178 Resp: 1038000
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 47.446 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

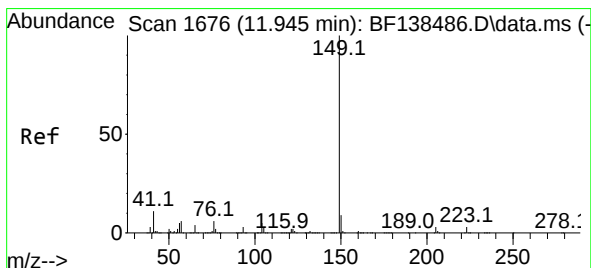
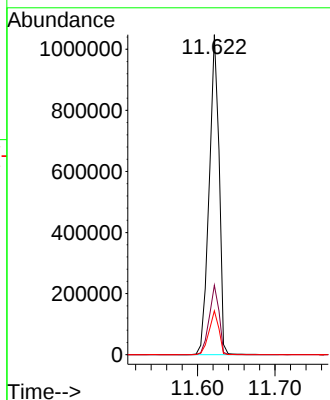
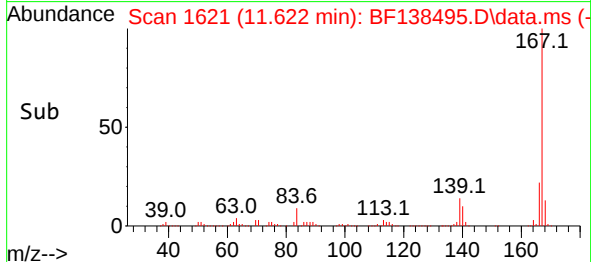
Instrument :
 BNA_F
 ClientSampleId :
 PB161493BS



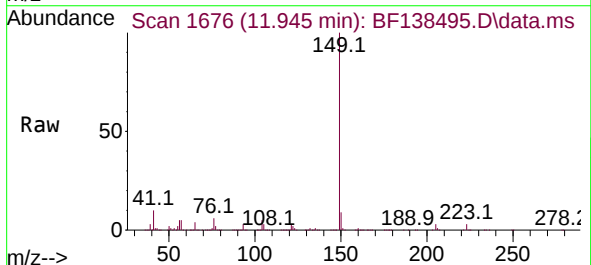
Tgt Ion:167 Resp: 926653
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.7 11.0 16.4

Manual Integrations
 APPROVED

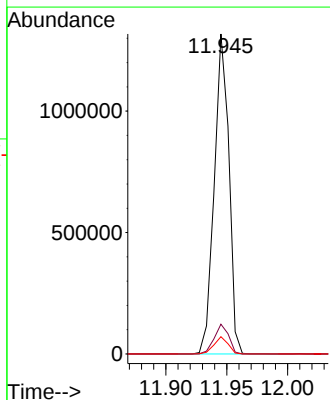
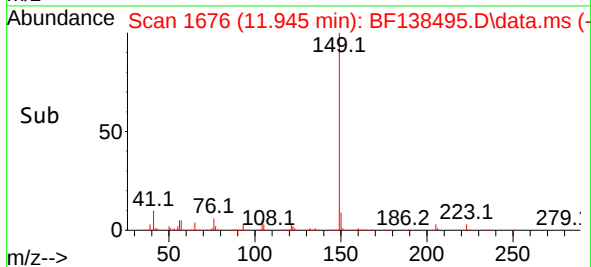
Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

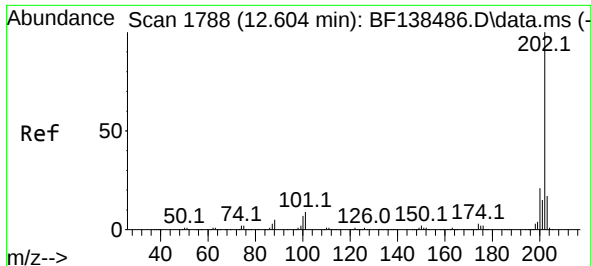


#74
 Di-n-butylphthalate
 Concen: 48.978 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52



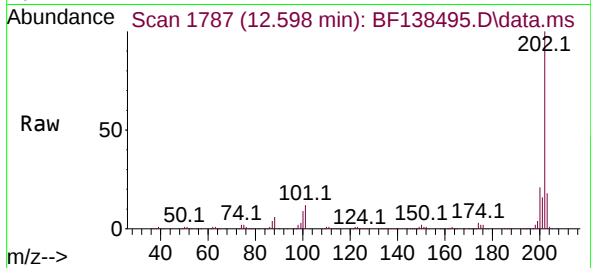
Tgt Ion:149 Resp: 1102624
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 47.558 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

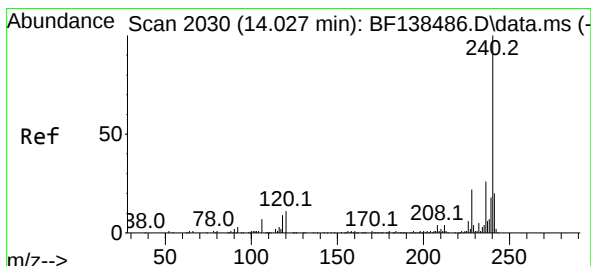
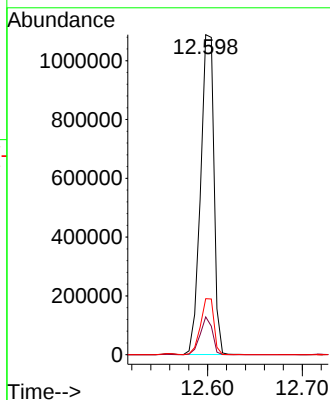
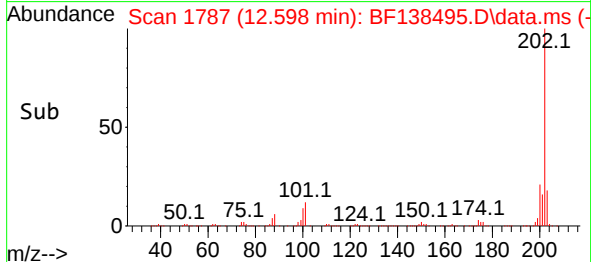
Instrument :
BNA_F
ClientSampleId :
PB161493BS



Tgt Ion:202 Resp: 106244
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.2
203 17.5 0.0 37.3

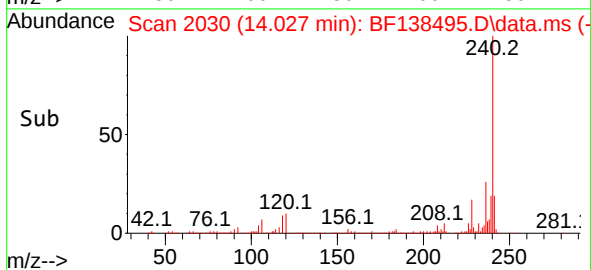
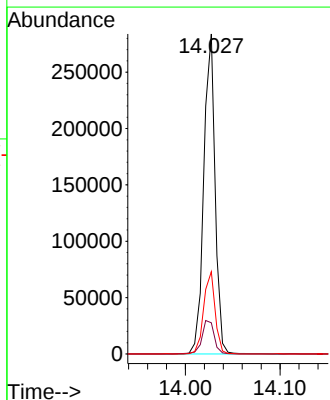
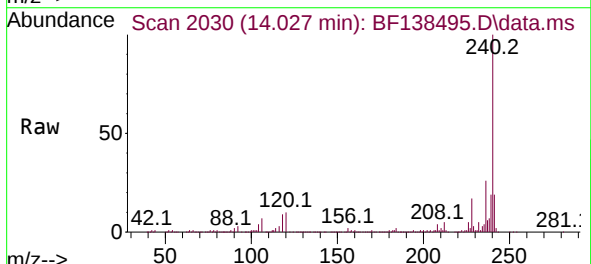
Manual Integrations
APPROVED

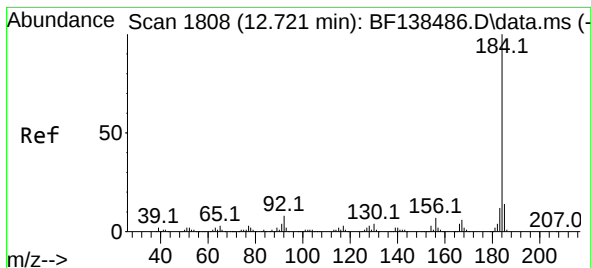
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:240 Resp: 235956
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.7 21.0 31.6





#77

Benzidine

Concen: 29.522 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.001 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

Tgt Ion:184 Resp: 175749

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

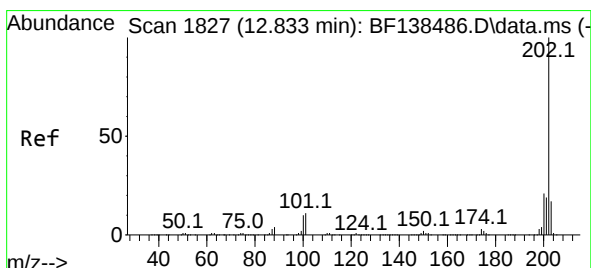
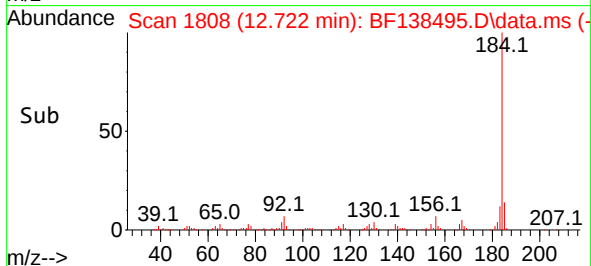
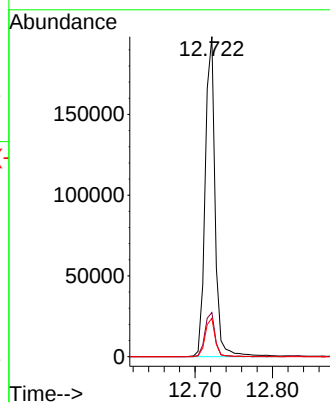
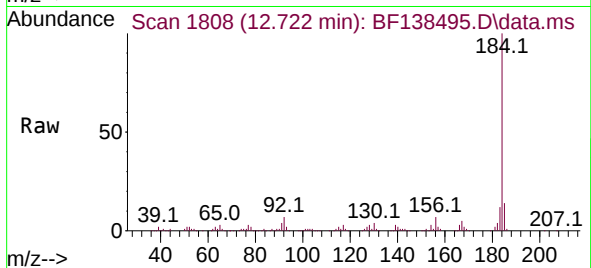
183 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#78

Pyrene

Concen: 44.851 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

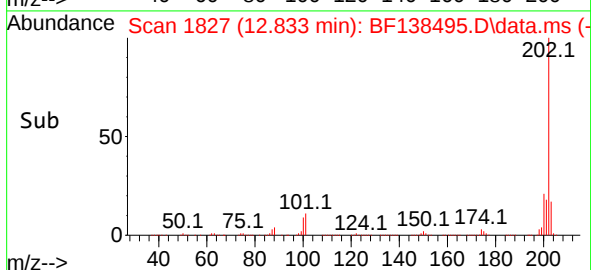
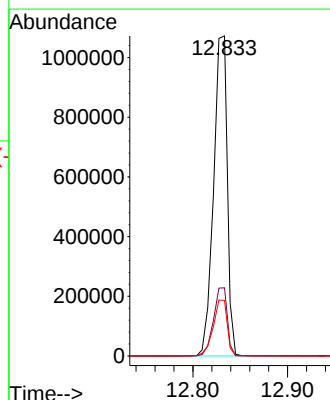
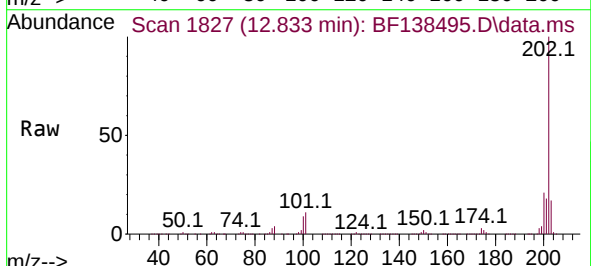
Tgt Ion:202 Resp: 1074307

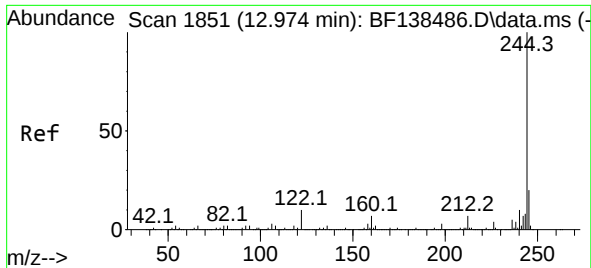
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.4 13.7 20.5





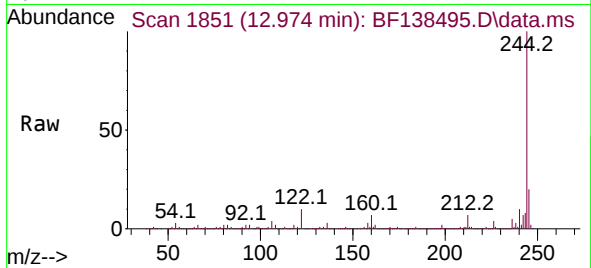
#79
 Terphenyl-d14
 Concen: 99.724 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



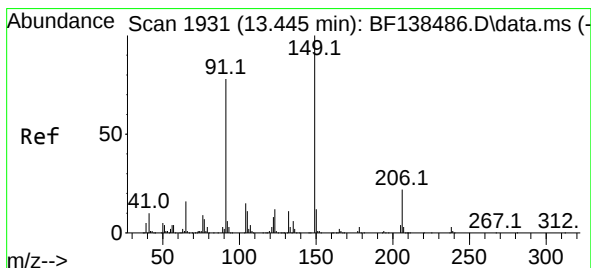
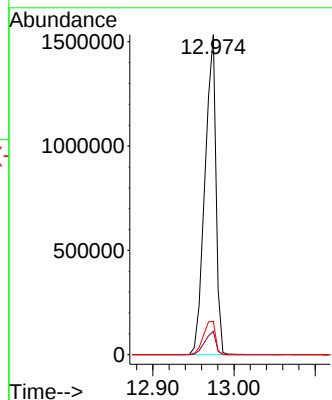
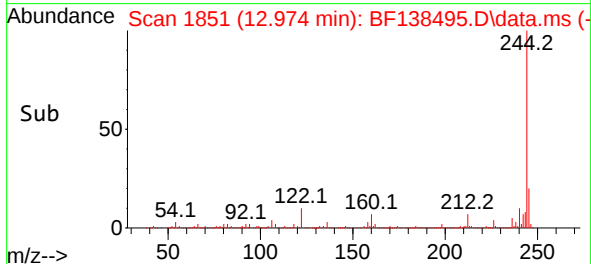
Tgt Ion:244 Resp: 1444360
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.4 7.8 11.8

Manual Integrations

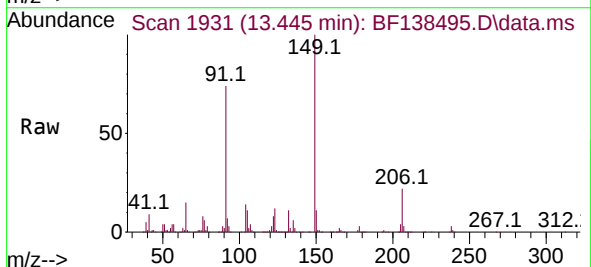
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

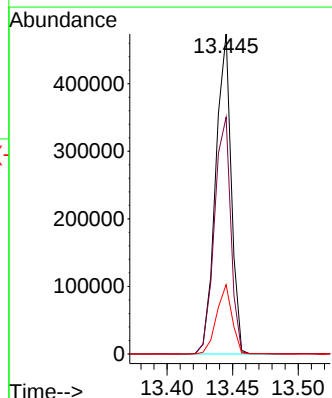
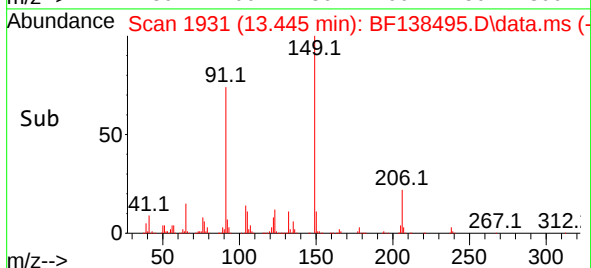
Supervised By :mohammad ahmed 07/11/2024

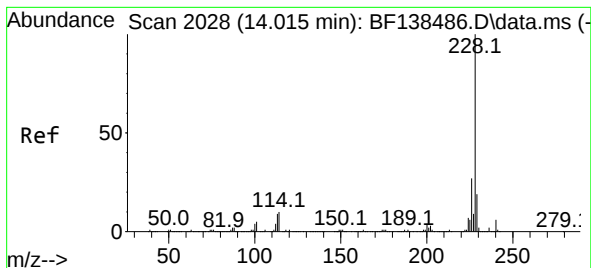


#80
 Butylbenzylphthalate
 Concen: 54.411 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52



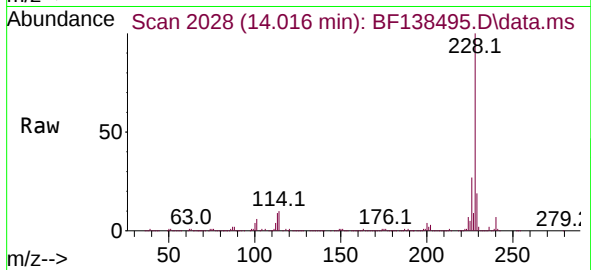
Tgt Ion:149 Resp: 392056
 Ion Ratio Lower Upper
 149 100
 91 74.0 62.1 93.1
 206 21.6 18.0 27.0





#81
Benzo(a)anthracene
Concen: 47.436 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

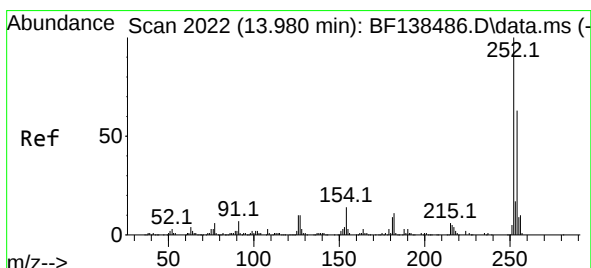
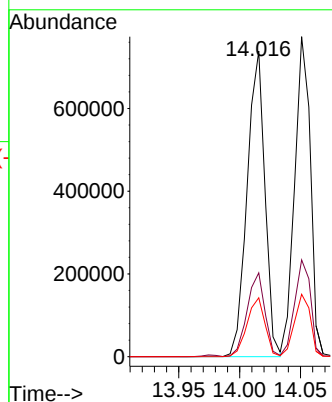
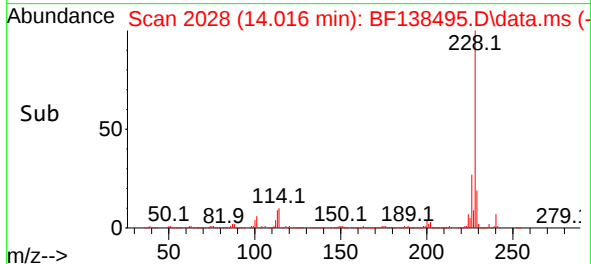
Instrument :
BNA_F
ClientSampleId :
PB161493BS



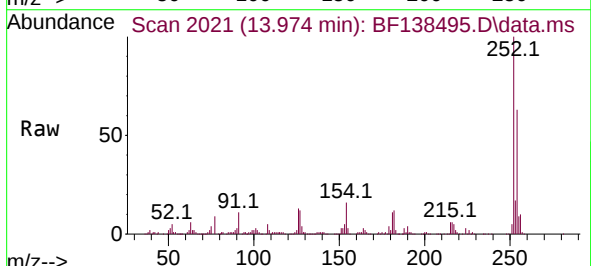
Tgt Ion:228 Resp: 75103
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 19.3 15.5 23.3

Manual Integrations
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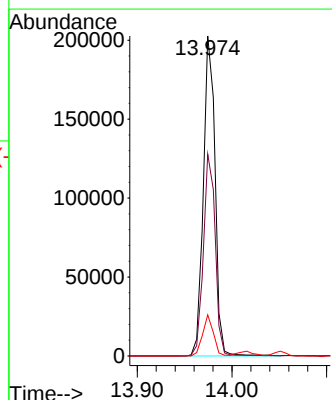
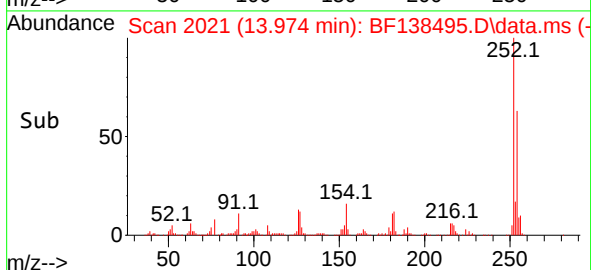
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

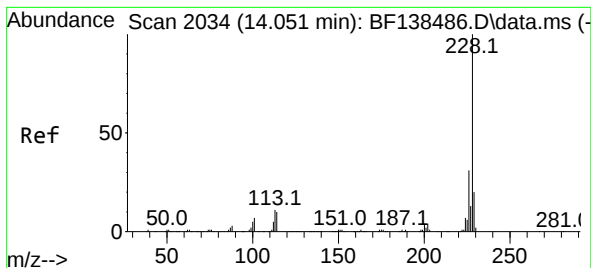


#82
3,3'-Dichlorobenzidine
Concen: 42.615 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:252 Resp: 173856
Ion Ratio Lower Upper
252 100
254 63.1 50.3 75.5
126 12.9 8.1 12.1#





#83

Chrysene

Concen: 46.375 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138495.D

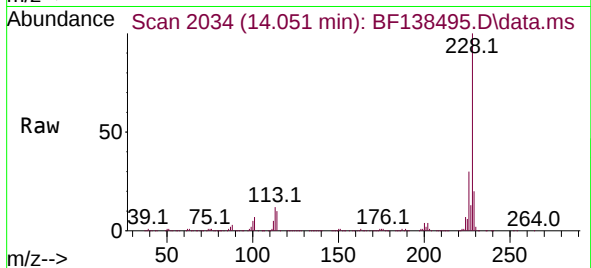
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



Tgt Ion:228 Resp: 69459

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

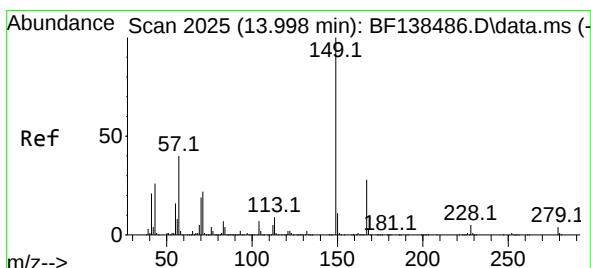
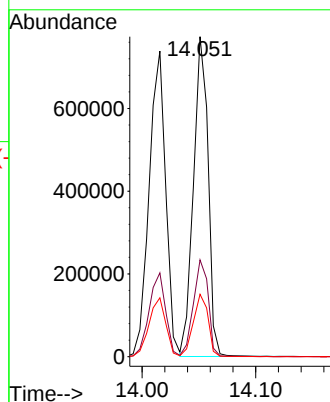
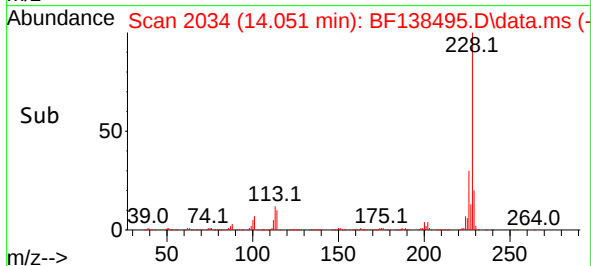
229 19.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.627 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

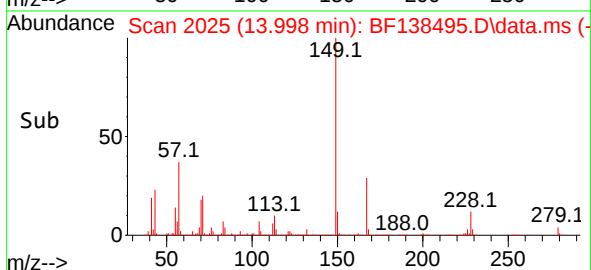
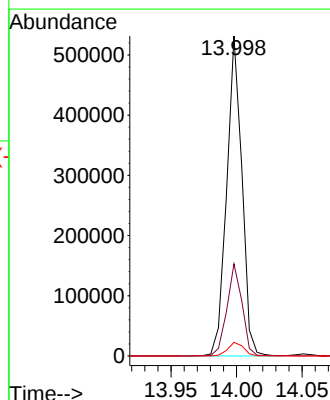
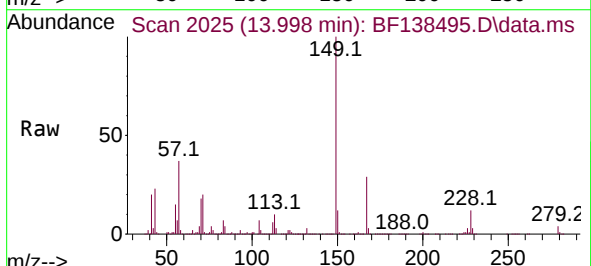
Tgt Ion:149 Resp: 427477

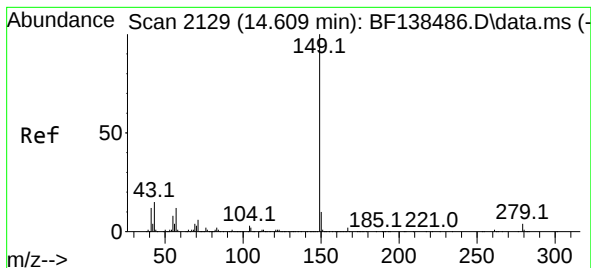
Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

279 4.3 3.0 4.6





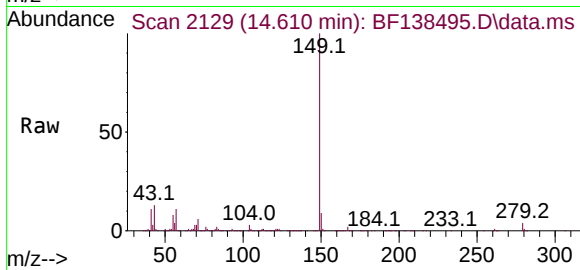
#85
Di-n-octyl phthalate
Concen: 46.729 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



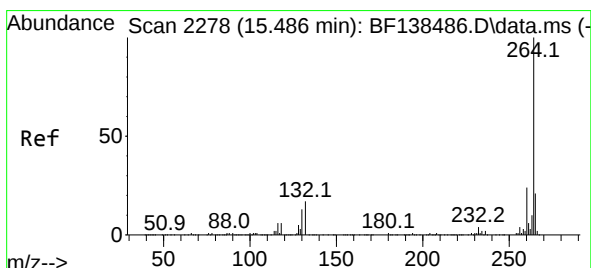
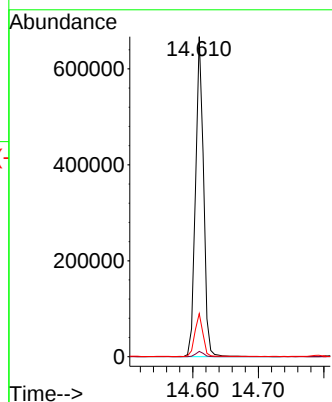
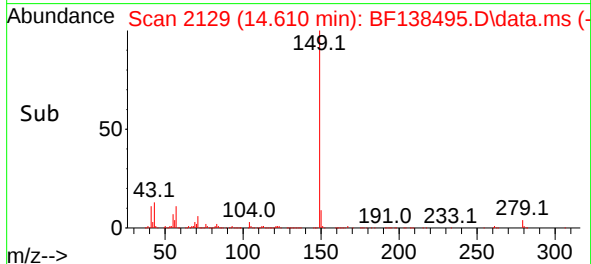
Tgt Ion:149 Resp: 56728
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.7 16.1

Manual Integrations

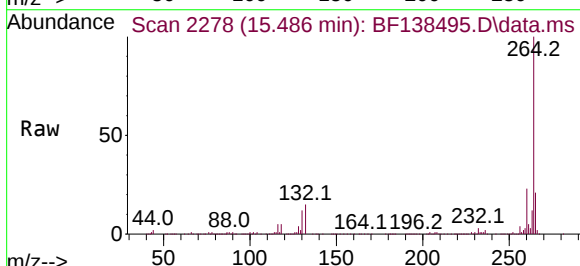
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

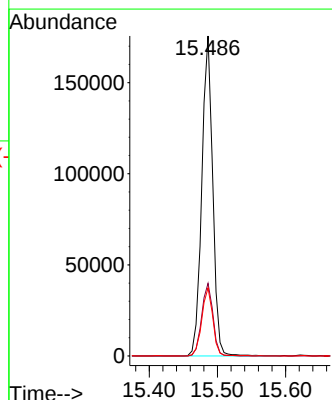
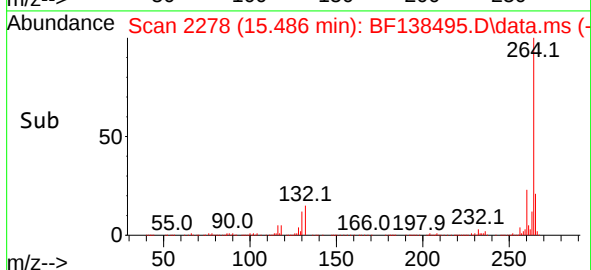
Supervised By :mohammad ahmed 07/11/2024

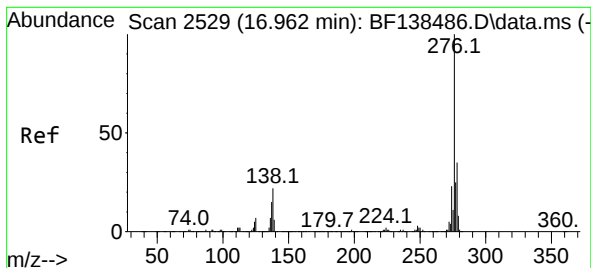


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:264 Resp: 195862
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.348 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

Tgt Ion:276 Resp: 688690

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

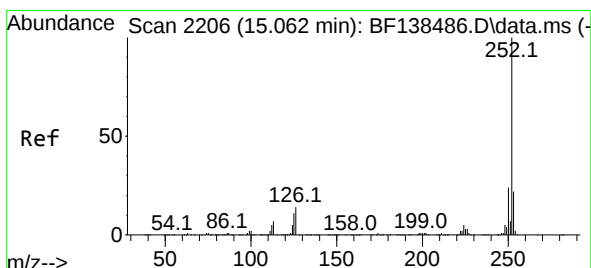
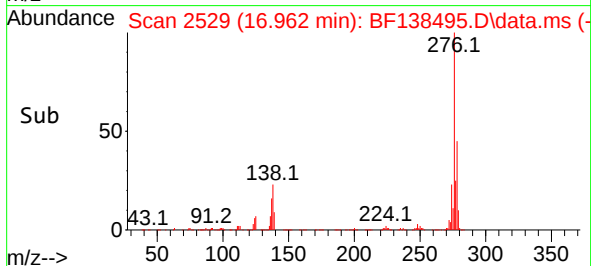
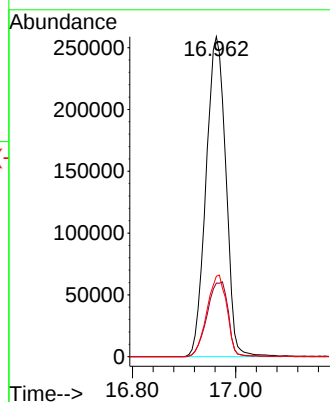
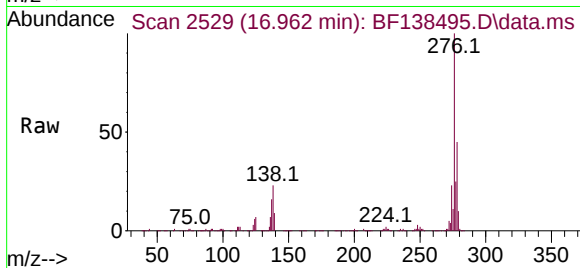
277 25.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#88

Benzo(b)fluoranthene

Concen: 50.569 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

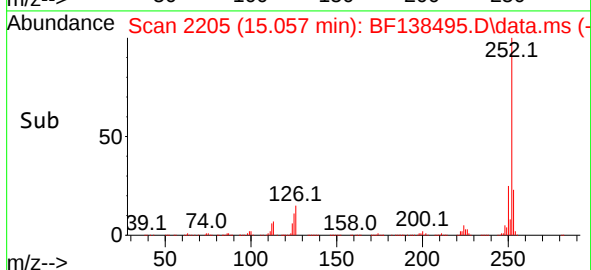
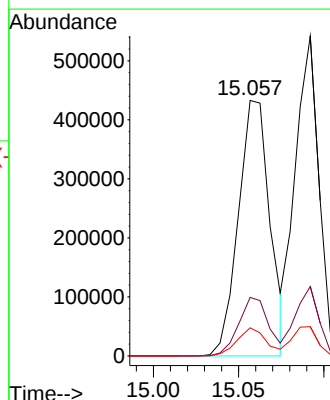
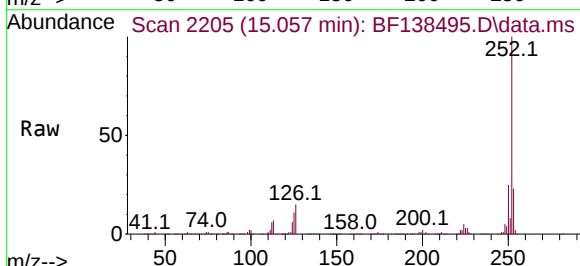
Tgt Ion:252 Resp: 557789

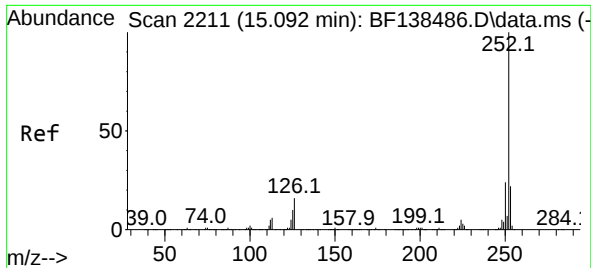
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 11.0 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 49.237 ng
RT: 15.092 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

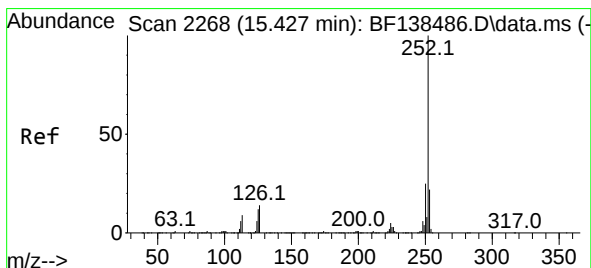
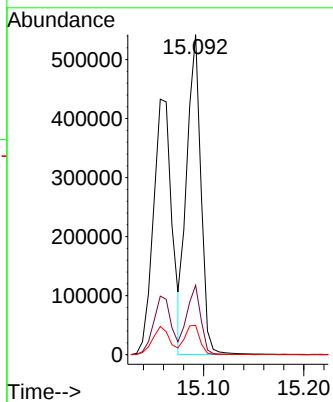
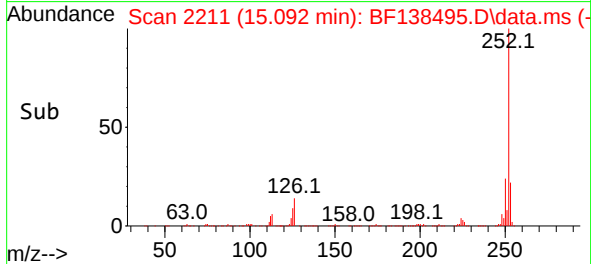
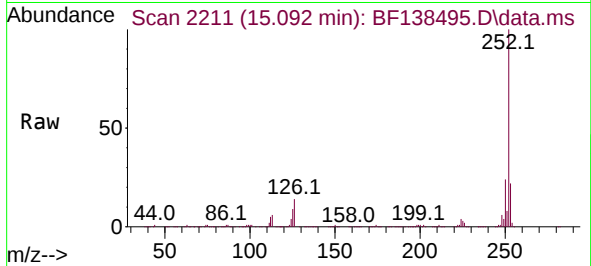
ClientSampleId :

PB161493BS

Tgt Ion:252 Resp: 52968
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.2 8.1 12.1

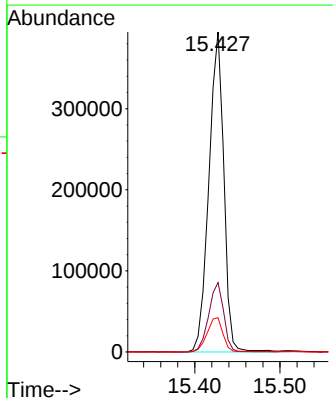
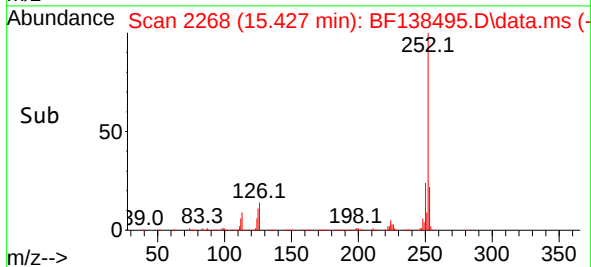
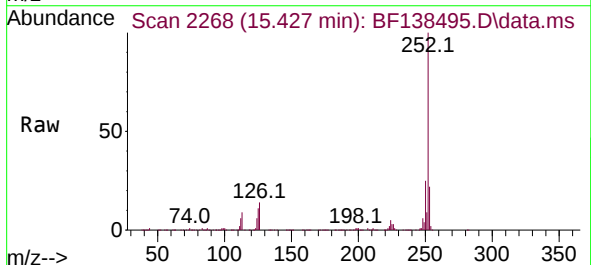
Manual Integrations
APPROVED

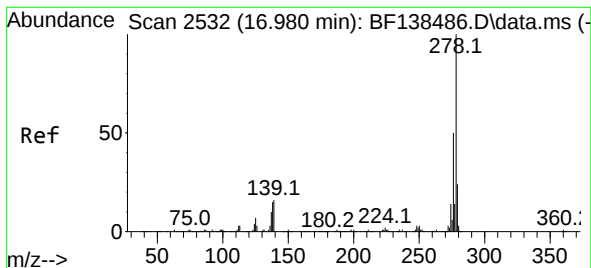
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#90
Benzo(a)pyrene
Concen: 49.562 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:252 Resp: 480240
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 53.118 ng

RT: 16.980 min Scan# 2532

Delta R.T. 0.000 min

Lab File: BF138495.D

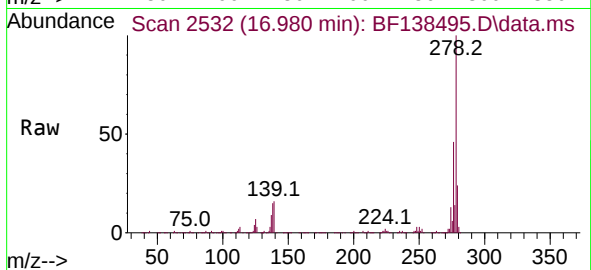
Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS



Tgt Ion:278 Resp: 571650

Ion Ratio Lower Upper

278 100

139 16.3 12.8 19.2

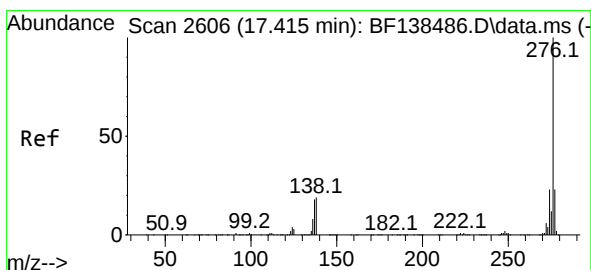
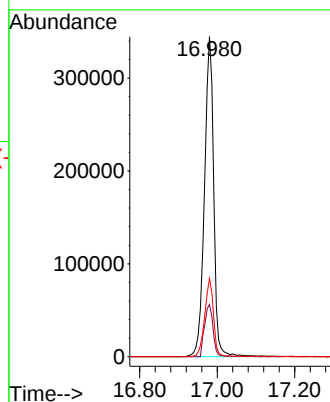
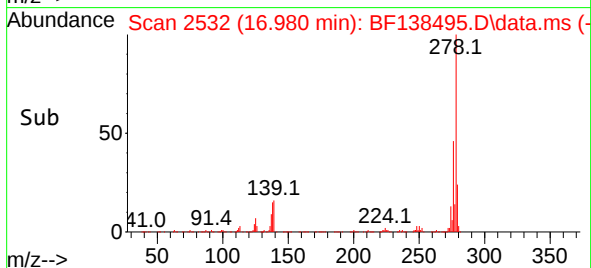
279 24.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#92

Benzo(g,h,i)perylene

Concen: 50.410 ng

RT: 17.410 min Scan# 2605

Delta R.T. -0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Tgt Ion:276 Resp: 575266

Ion Ratio Lower Upper

276 100

277 23.5 18.0 27.0

138 22.1 15.5 23.3

