

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138441.D
 Acq On : 03 Jul 2024 12:25
 Operator : CG\JU
 Sample : PB161624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161624BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 13:36:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	237577	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	1024653	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	561382	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	928659	20.000	ng	0.00
76) Chrysene-d12	14.033	240	403387	20.000	ng	0.00
86) Perylene-d12	15.504	264	480526	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1783926	124.493	ng	0.02
7) Phenol-d6	6.522	99	2435426	126.166	ng	0.00
23) Nitrobenzene-d5	7.445	82	1588121	80.514	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	547545	119.380	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2504454	70.999	ng	0.00
79) Terphenyl-d14	12.980	244	2145798	72.899	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	220911	32.729	ng	100
3) Pyridine	3.504	79	538868	33.465	ng	97
4) n-Nitrosodimethylamine	3.463	42	461022	45.892	ng	99
6) Aniline	6.539	93	544438	28.902	ng	# 66
8) 2-Chlorophenol	6.663	128	763061	49.604	ng	99
9) Benzaldehyde	6.422	77	310434	26.056	ng	100
10) Phenol	6.534	94	918015	44.638	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	745449	46.152	ng	99
12) 1,3-Dichlorobenzene	6.816	146	707385	40.155	ng	97
13) 1,4-Dichlorobenzene	6.892	146	719369	40.725	ng	99
14) 1,2-Dichlorobenzene	7.045	146	703996	43.172	ng	97
15) Benzyl Alcohol	7.022	79	697517	50.449	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1458203	44.758	ng	94
17) 2-Methylphenol	7.133	107	592032	46.437	ng	94
18) Hexachloroethane	7.386	117	270508	42.458	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	548700	45.090	ng	96
20) 3+4-Methylphenols	7.286	107	677001	45.702	ng	94
22) Acetophenone	7.286	105	967065	41.602	ng	97
24) Nitrobenzene	7.463	77	828782	41.311	ng	98
25) Isophorone	7.698	82	1596855	43.905	ng	99
26) 2-Nitrophenol	7.775	139	407185	47.055	ng	100
27) 2,4-Dimethylphenol	7.810	122	532189	48.053	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	937983	42.846	ng	100
29) 2,4-Dichlorophenol	8.016	162	608897	42.806	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	661074	39.970	ng	100
31) Naphthalene	8.181	128	2091239	40.372	ng	99
32) Benzoic acid	7.969	122	511672	50.329	ng	96
33) 4-Chloroaniline	8.228	127	455546	25.181	ng	97
34) Hexachlorobutadiene	8.292	225	372659	37.529	ng	99
35) Caprolactam	8.622	113	202714m	45.130	ng	
36) 4-Chloro-3-methylphenol	8.722	107	668552	44.125	ng	98
37) 2-Methylnaphthalene	8.869	142	1349232	40.303	ng	98
38) 1-Methylnaphthalene	8.969	142	1251598	38.550	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	603520	38.867	ng	98
41) Hexachlorocyclopentadiene	9.022	237	478257	104.636	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	418299	42.336	ng	100

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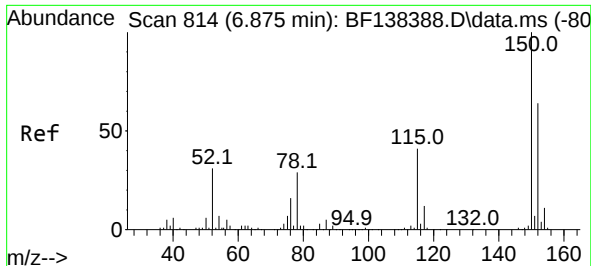
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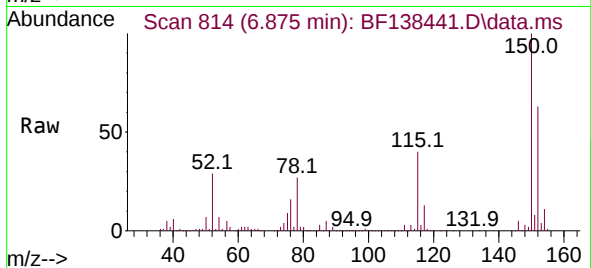
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	433317	40.325	ng	97
46) 1,1'-Biphenyl	9.339	154	1658796	39.574	ng	99
47) 2-Chloronaphthalene	9.363	162	1254556	39.255	ng	99
48) 2-Nitroaniline	9.463	65	495215	48.037	ng	95
49) Acenaphthylene	9.774	152	1929829	42.936	ng	99
50) Dimethylphthalate	9.645	163	1557729	43.175	ng	99
51) 2,6-Dinitrotoluene	9.704	165	344792	42.670	ng	98
52) Acenaphthene	9.951	154	1381480m	44.888	ng	
53) 3-Nitroaniline	9.874	138	274645	34.414	ng	93
54) 2,4-Dinitrophenol	9.980	184	356335	101.552	ng	98
55) Dibenzofuran	10.122	168	1695026	39.973	ng	98
56) 4-Nitrophenol	10.045	139	522693	101.015	ng	86
57) 2,4-Dinitrotoluene	10.110	165	439656	44.190	ng	96
58) Fluorene	10.463	166	1288535	38.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	361988	45.354	ng	99
60) Diethylphthalate	10.339	149	1429804	42.387	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	634343	37.106	ng	97
62) 4-Nitroaniline	10.492	138	332341	45.370	ng	97
63) Azobenzene	10.616	77	1571420	44.111	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	251631	50.291	ng	82
66) n-Nitrosodiphenylamine	10.574	169	1183335	41.045	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	400701	40.143	ng	93
68) Hexachlorobenzene	11.010	284	435284	39.564	ng	94
69) Atrazine	11.104	200	356841	44.145	ng	99
70) Pentachlorophenol	11.204	266	500928	89.707	ng	99
71) Phenanthrene	11.427	178	1883181	41.533	ng	99
72) Anthracene	11.474	178	1917148	42.398	ng	98
73) Carbazole	11.633	167	1597552	42.556	ng	100
74) Di-n-butylphthalate	11.957	149	2074141	43.598	ng	99
75) Fluoranthene	12.610	202	1688801	41.546	ng	97
77) Benzidine	12.727	184	61501	19.066	ng	98
78) Pyrene	12.839	202	1652538	38.330	ng	99
80) Butylbenzylphthalate	13.451	149	597824	45.568	ng	97
81) Benzo(a)anthracene	14.021	228	1142916	44.019	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	338036	44.097	ng	98
83) Chrysene	14.062	228	1120828	44.363	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	755939	45.946	ng	99
85) Di-n-octyl phthalate	14.621	149	1432945	49.759	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	1205157	49.915	ng	99
88) Benzo(b)fluoranthene	15.074	252	1194245	45.297	ng	97
89) Benzo(k)fluoranthene	15.104	252	1208355	49.760	ng	98
90) Benzo(a)pyrene	15.445	252	1143220	49.471	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	966686	49.601	ng	98
92) Benzo(g,h,i)perylene	17.427	276	908683	47.661	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

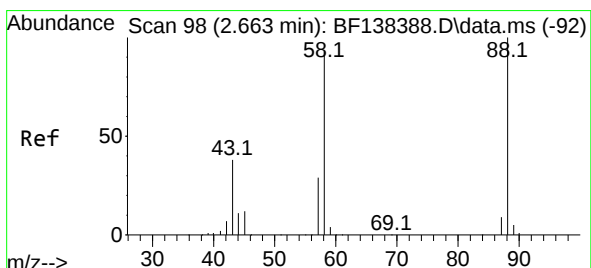
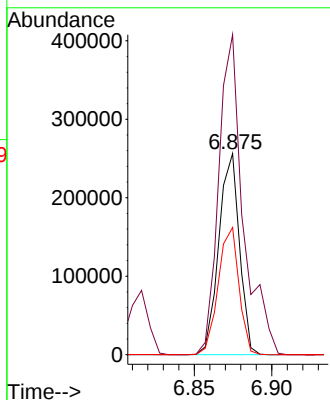
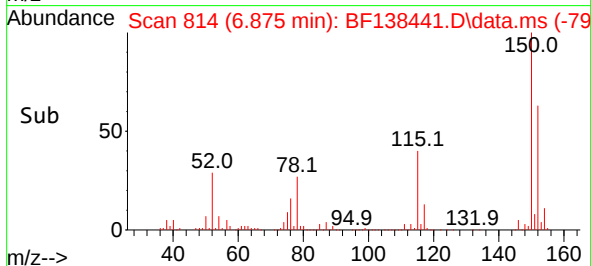
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:152 Resp: 237572
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 63.3 50.8 76.2

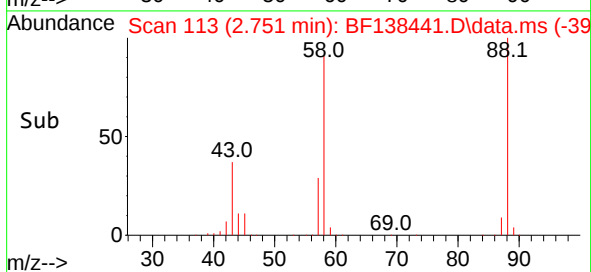
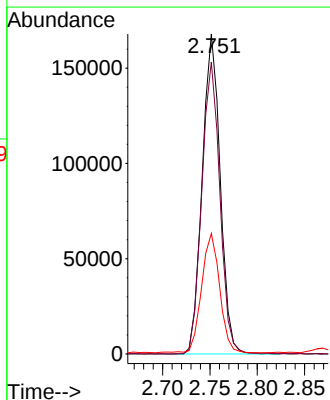
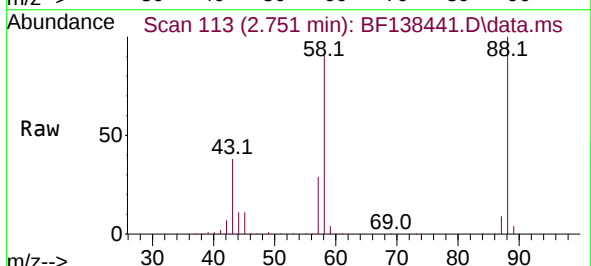
Manual Integrations
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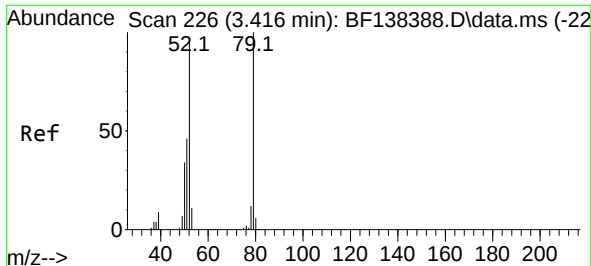
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#2
1,4-Dioxane
Concen: 32.729 ng
RT: 2.751 min Scan# 113
Delta R.T. 0.088 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion: 88 Resp: 220911
Ion Ratio Lower Upper
88 100
58 91.9 73.7 110.5
43 37.7 30.1 45.1





#3

Pyridine

Concen: 33.465 ng

RT: 3.504 min Scan# 241

Delta R.T. 0.088 min

Lab File: BF138441.D

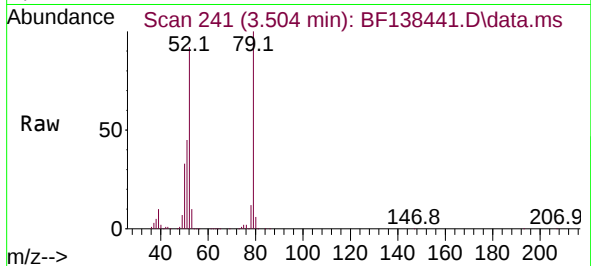
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



Tgt Ion: 79 Resp: 53886

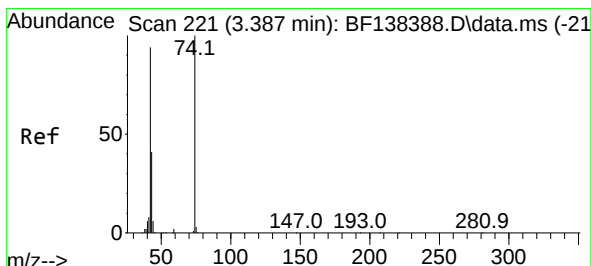
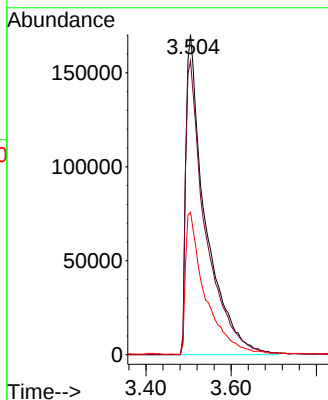
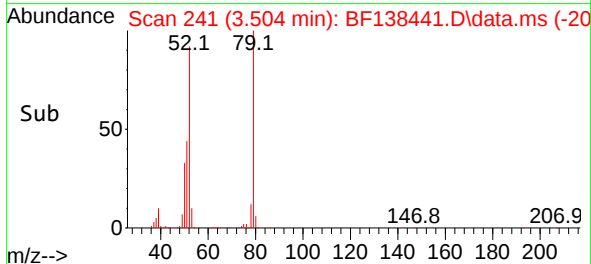
Ion	Ratio	Lower	Upper
79	100		
52	91.8	76.2	114.2
51	44.5	36.7	55.1

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Supervised By :mohammad ahmed 07/05/2024



#4

n-Nitrosodimethylamine

Concen: 45.892 ng

RT: 3.463 min Scan# 234

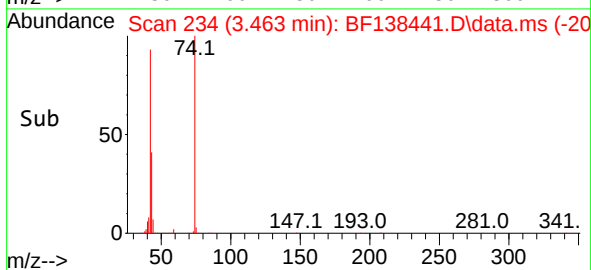
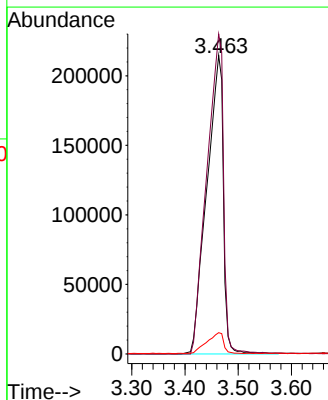
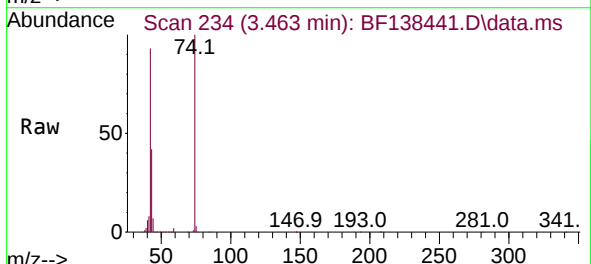
Delta R.T. 0.076 min

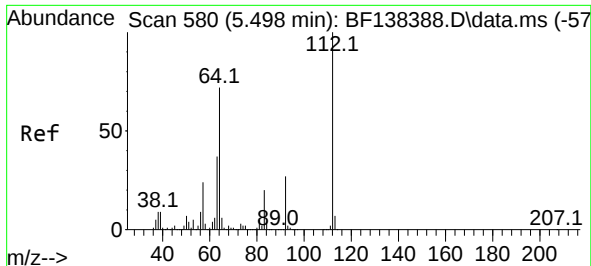
Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Tgt Ion: 42 Resp: 461022

Ion	Ratio	Lower	Upper
42	100		
74	107.2	85.1	127.7
44	7.1	5.5	8.3





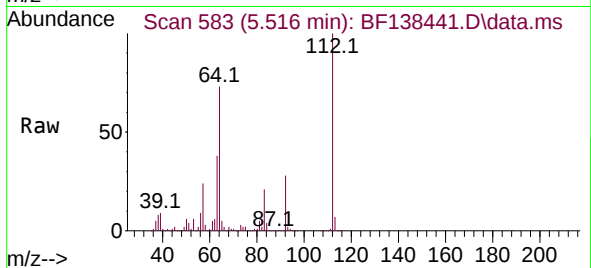
#5
2-Fluorophenol
Concen: 124.493 ng
RT: 5.516 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



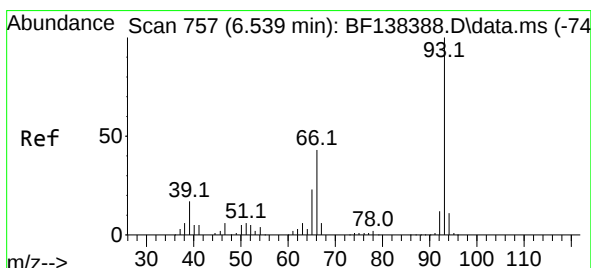
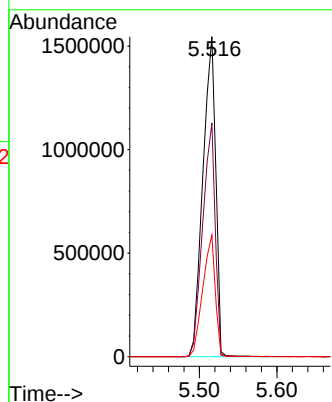
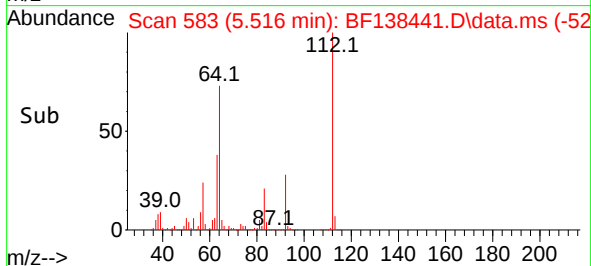
Tgt Ion:112 Resp: 1783920
Ion Ratio Lower Upper
112 100
64 73.0 57.2 85.8
63 38.0 29.4 44.0

Manual Integrations

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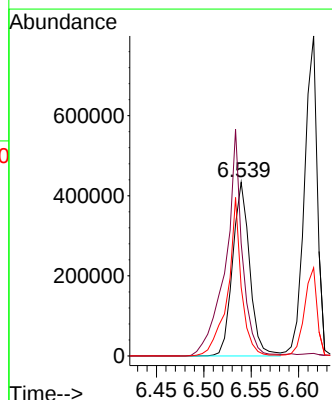
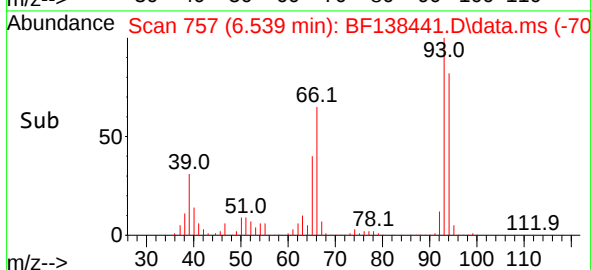
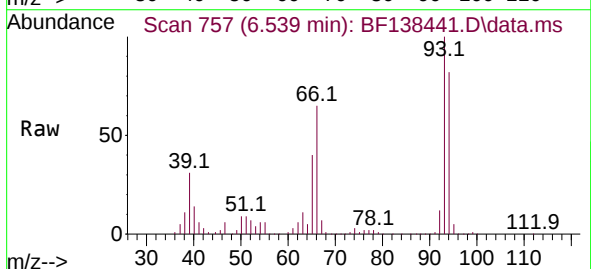
Reviewed By :Yogesh Patel 07/05/2024

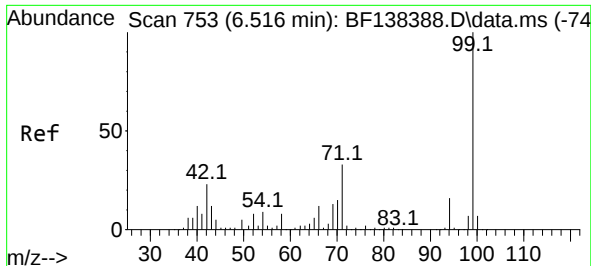
Supervised By :mohammad ahmed 07/05/2024



#6
Aniline
Concen: 28.902 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

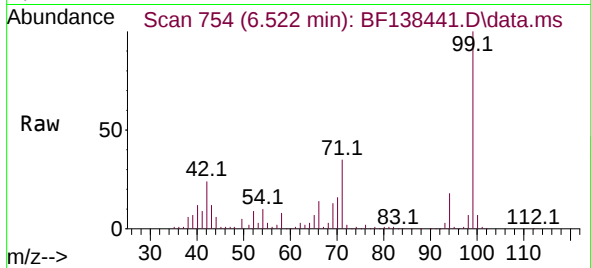
Tgt Ion: 93 Resp: 544438
Ion Ratio Lower Upper
93 100
66 64.9 34.7 52.1#
65 39.6 18.5 27.7#





#7
Phenol-d6
Concen: 126.166 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

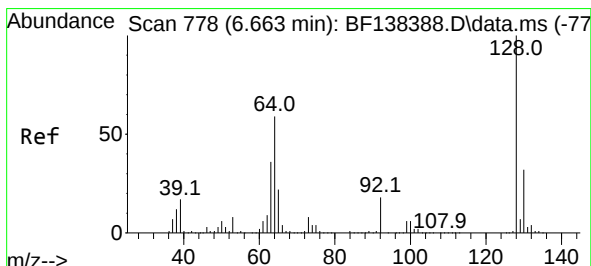
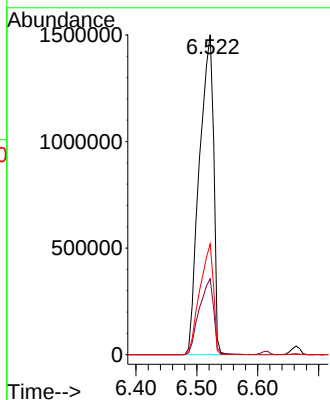
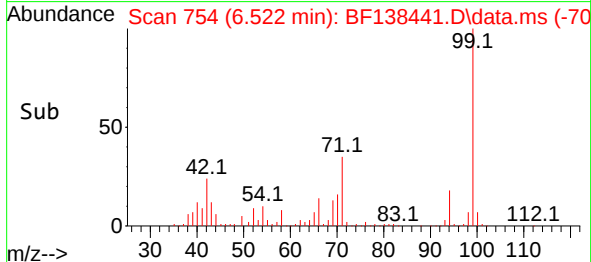
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion: 99 Resp: 2435420
Ion Ratio Lower Upper
99 100
42 23.7 18.5 27.7
71 34.7 26.1 39.1

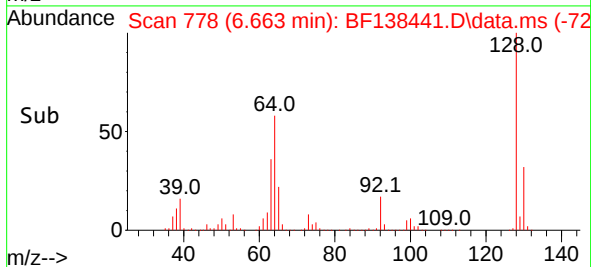
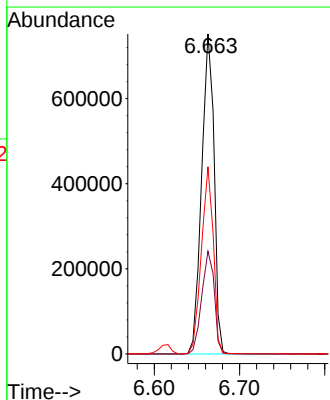
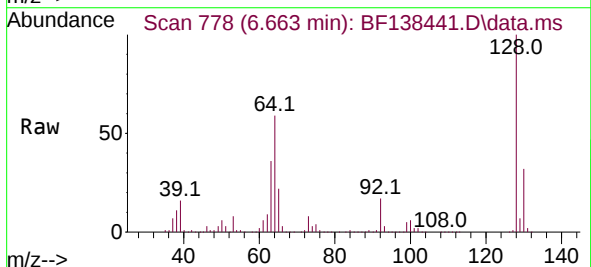
Manual Integrations
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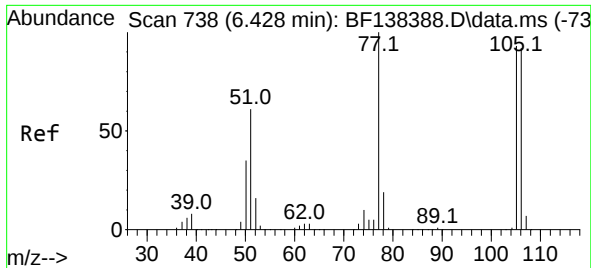
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#8
2-Chlorophenol
Concen: 49.604 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:128 Resp: 763061
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 58.5 39.6 79.6





#9

Benzaldehyde

Concen: 26.056 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion: 77 Resp: 310434

Ion Ratio Lower Upper

77 100

105 93.2 73.2 113.2

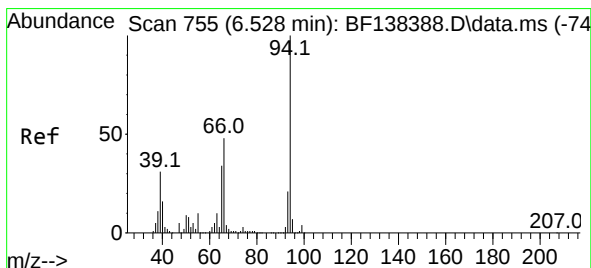
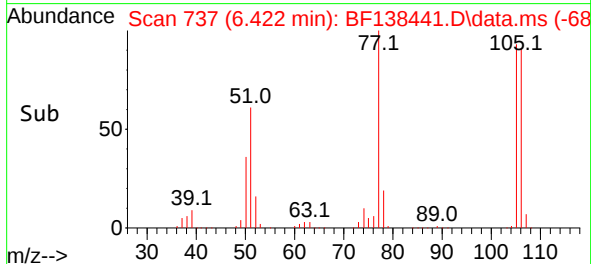
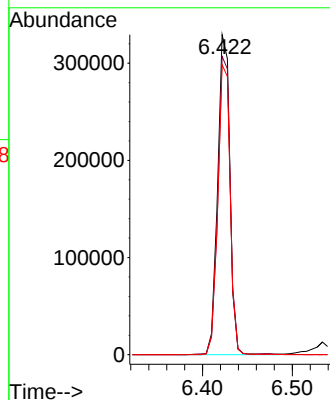
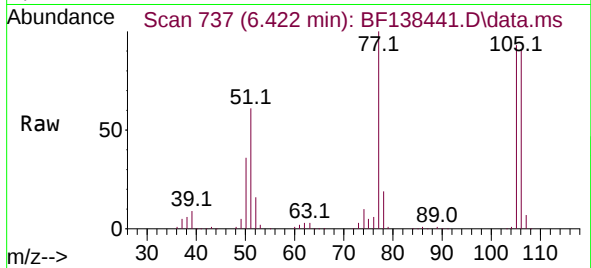
106 90.6 71.5 111.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#10

Phenol

Concen: 44.638 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

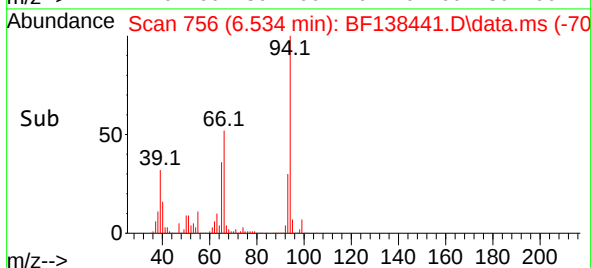
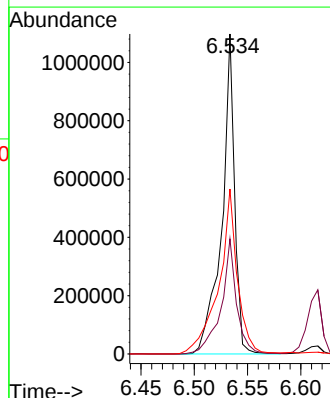
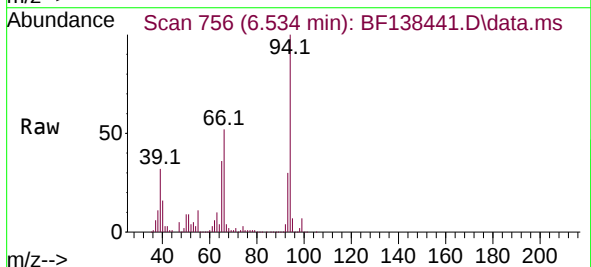
Tgt Ion: 94 Resp: 918015

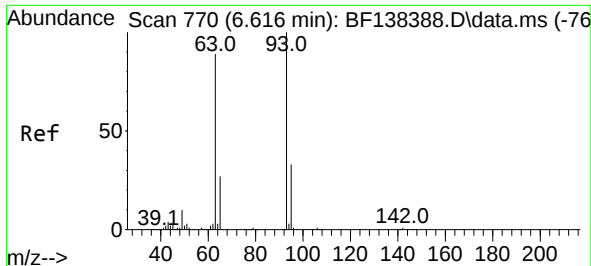
Ion Ratio Lower Upper

94 100

65 36.0 14.2 54.2

66 51.5 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 46.152 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

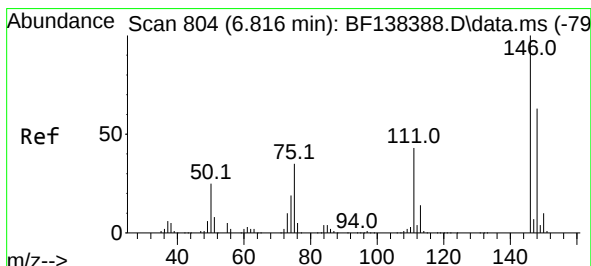
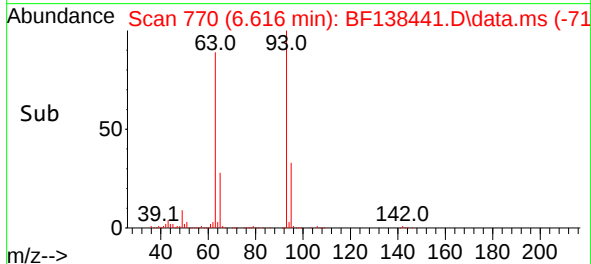
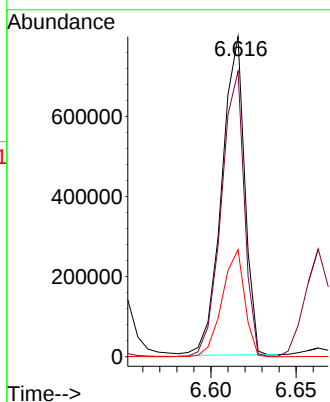
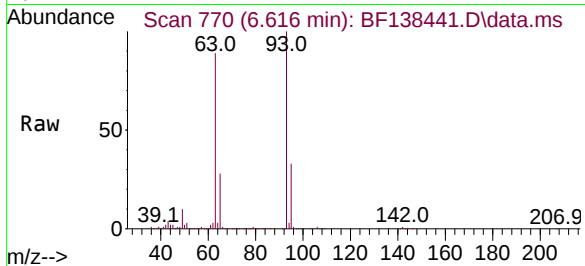
ClientSampleId :

PB161624BS

Tgt Ion: 93 Resp: 745449
Ion Ratio Lower Upper
93 100
63 89.2 68.2 108.2
95 33.5 12.4 52.4

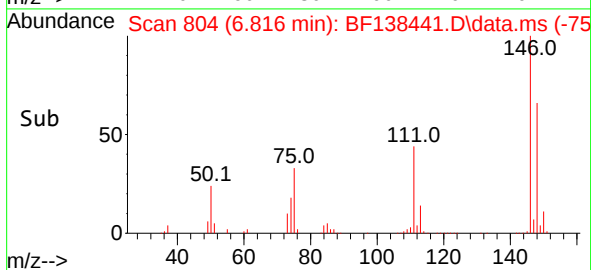
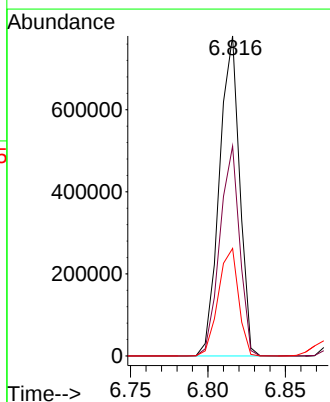
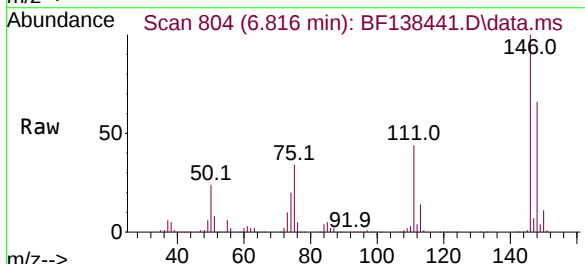
Manual Integrations
APPROVED

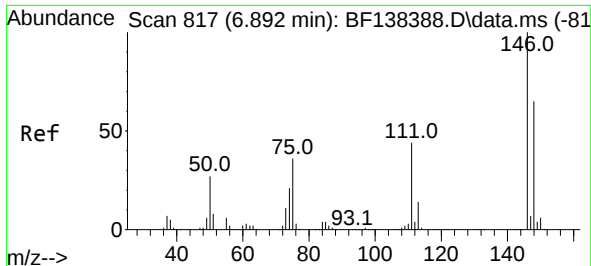
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
1,3-Dichlorobenzene
Concen: 40.155 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:146 Resp: 707385
Ion Ratio Lower Upper
146 100
148 65.6 50.3 75.5
75 33.6 27.8 41.6





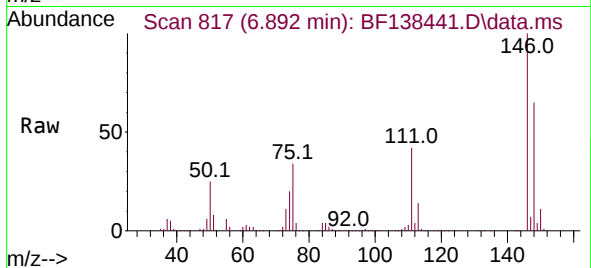
#13
1,4-Dichlorobenzene
Concen: 40.725 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

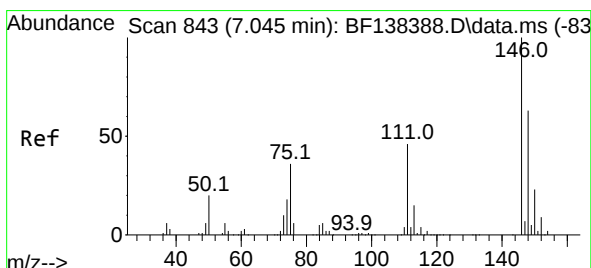
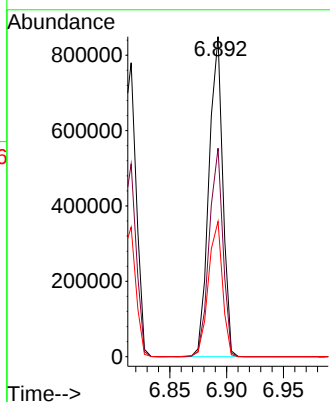
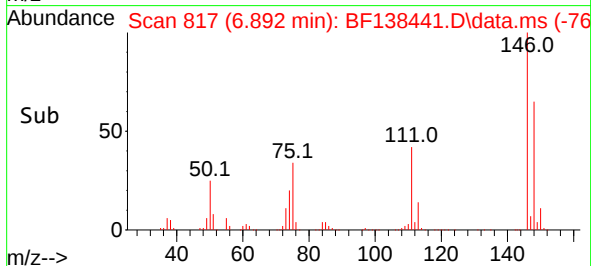


Tgt Ion:146 Resp: 719369
Ion Ratio Lower Upper
146 100
148 65.2 52.0 78.0
111 42.2 35.4 53.0

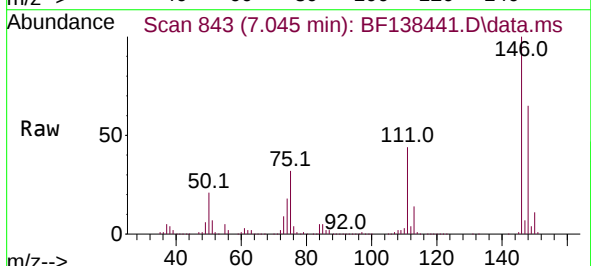
Manual Integrations

APPROVED

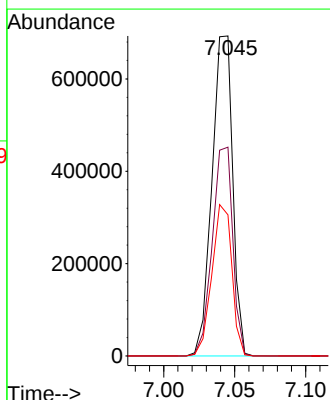
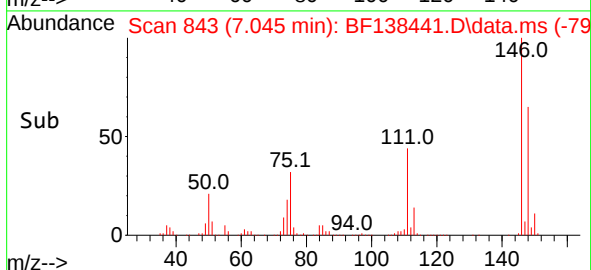
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

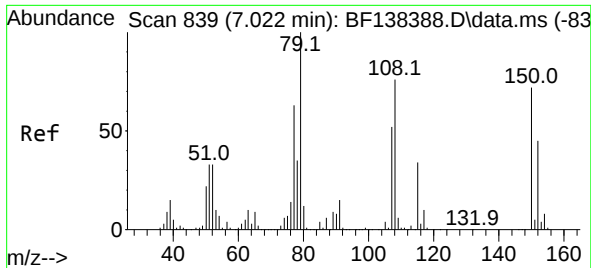


#14
1,2-Dichlorobenzene
Concen: 43.172 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:146 Resp: 703996
Ion Ratio Lower Upper
146 100
148 65.2 50.3 75.5
111 44.1 37.1 55.7





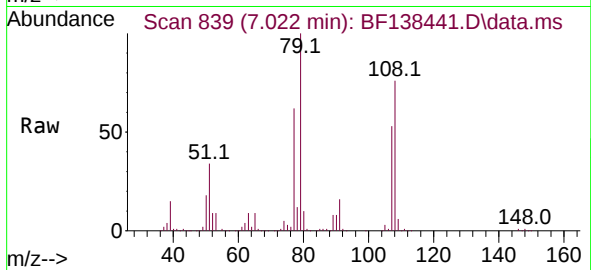
#15
Benzyl Alcohol
Concen: 50.449 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



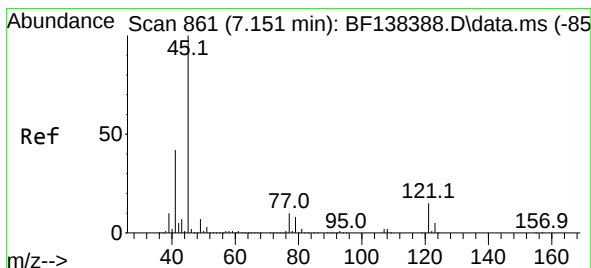
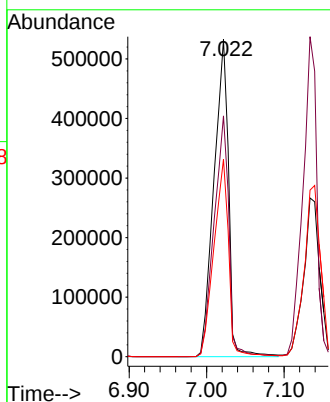
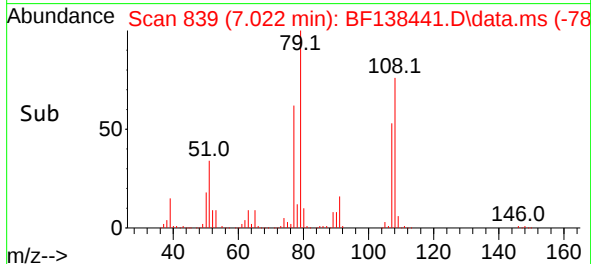
Tgt Ion: 79 Resp: 69751
Ion Ratio Lower Upper
79 100
108 75.9 60.9 91.3
77 62.2 50.6 75.8

Manual Integrations

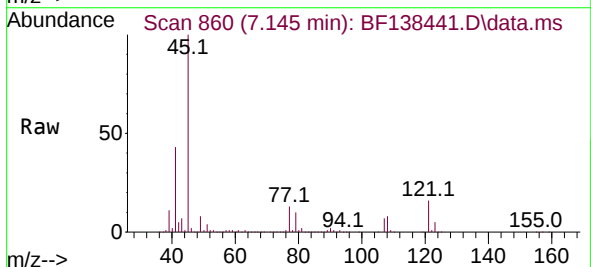
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

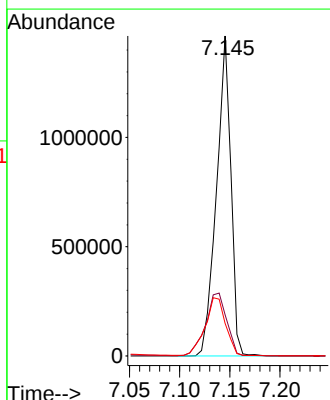
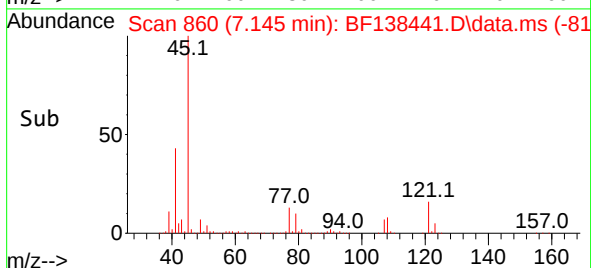
Supervised By :mohammad ahmed 07/05/2024

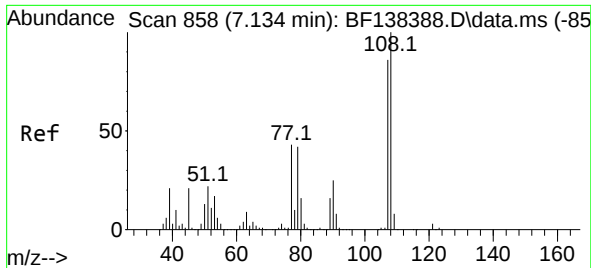


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.758 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion: 45 Resp: 1458203
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.4
79 10.2 0.0 28.1





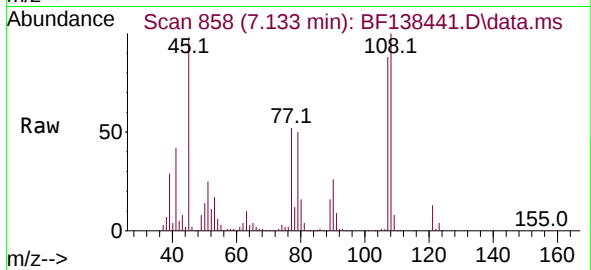
#17
2-Methylphenol
Concen: 46.437 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

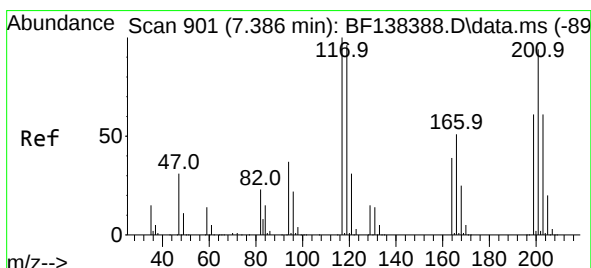
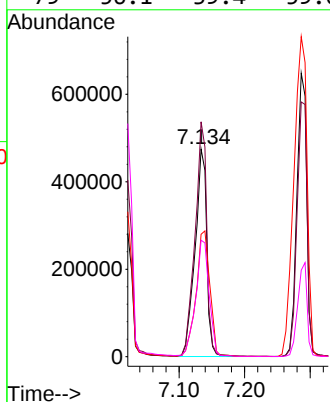
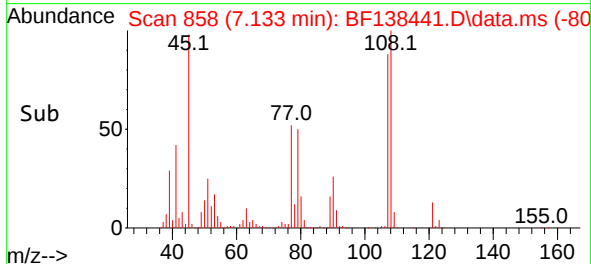


Tgt Ion:107 Resp: 592031
Ion Ratio Lower Upper
107 100
108 113.1 92.6 138.8
77 58.9 40.3 60.5
79 56.1 39.4 59.0

Manual Integrations

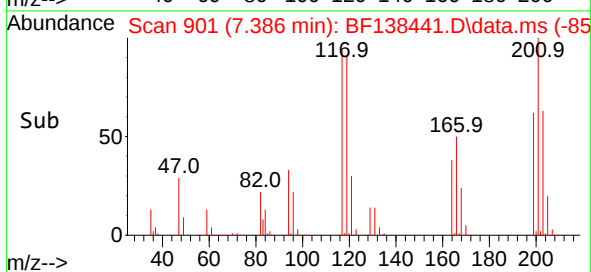
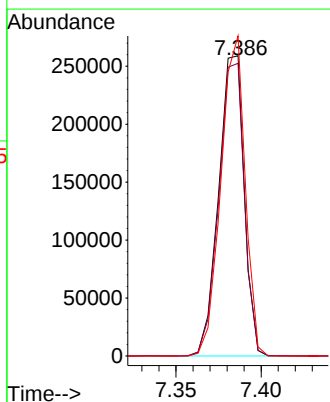
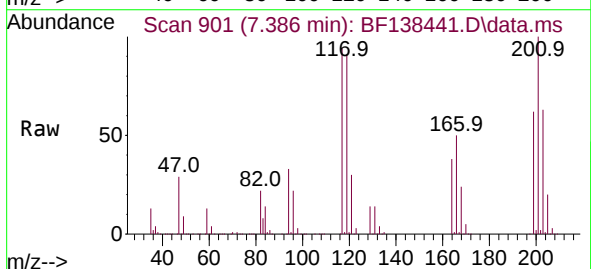
APPROVED

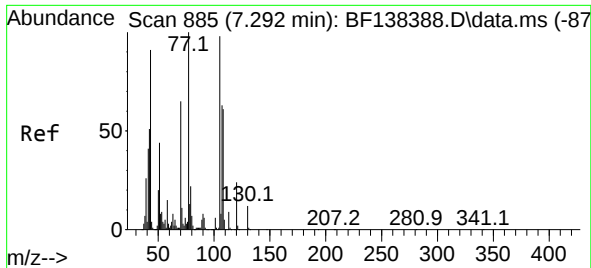
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#18
Hexachloroethane
Concen: 42.458 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:117 Resp: 270508
Ion Ratio Lower Upper
117 100
119 97.5 77.1 115.7
201 106.6 75.6 113.4





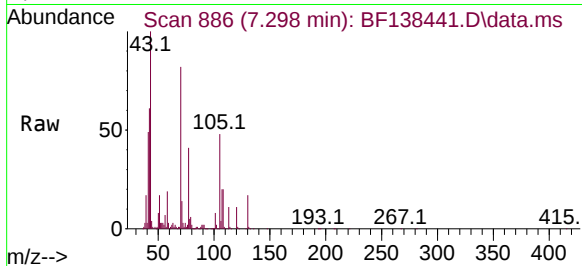
#19
n-Nitroso-di-n-propylamine
Concen: 45.090 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



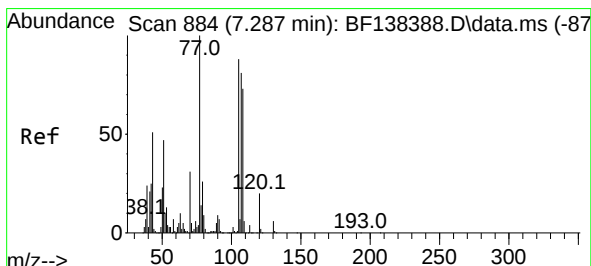
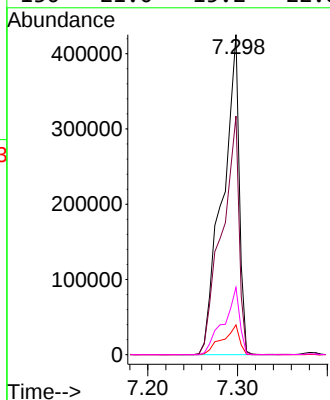
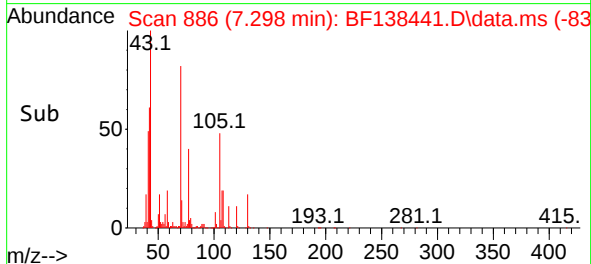
Tgt Ion: 70 Resp: 548700
Ion Ratio Lower Upper
70 100
42 74.6 62.5 93.7
101 9.3 7.0 10.4
130 21.0 15.2 22.8

Manual Integrations

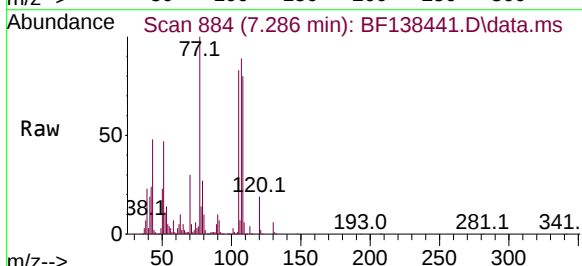
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

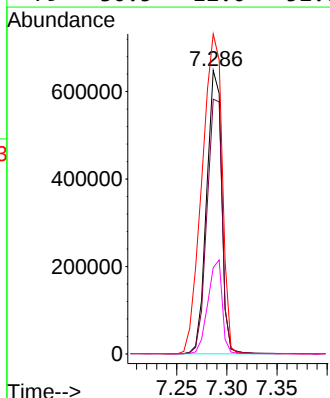
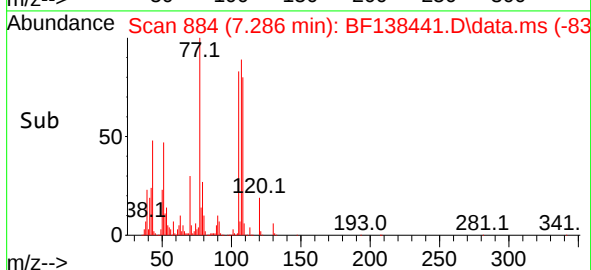
Supervised By :mohammad ahmed 07/05/2024

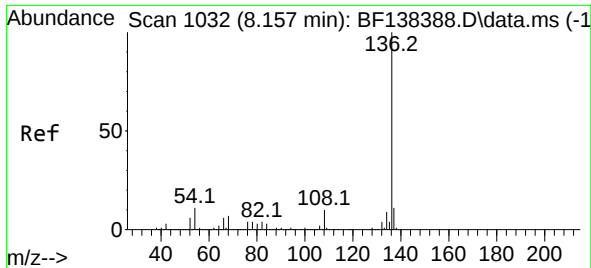


#20
3+4-Methylphenols
Concen: 45.702 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.001 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:107 Resp: 677001
Ion Ratio Lower Upper
107 100
108 89.8 70.8 110.8
77 112.9 104.0 144.0
79 30.5 12.0 52.0





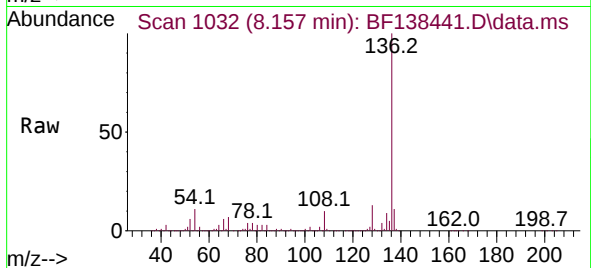
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



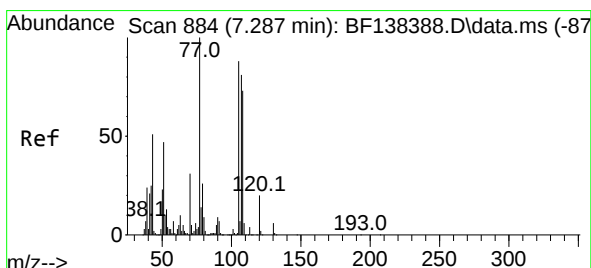
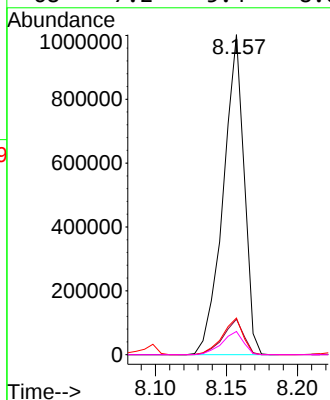
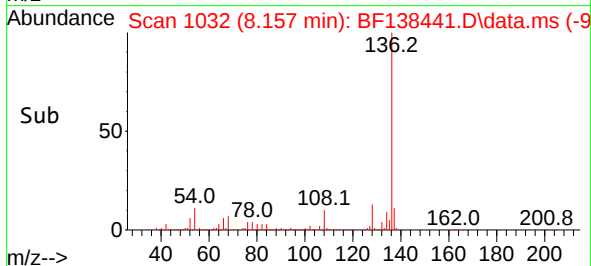
Tgt Ion:136 Resp: 102465
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.4 9.0 13.4
68 7.2 5.4 8.0

Manual Integrations

APPROVED

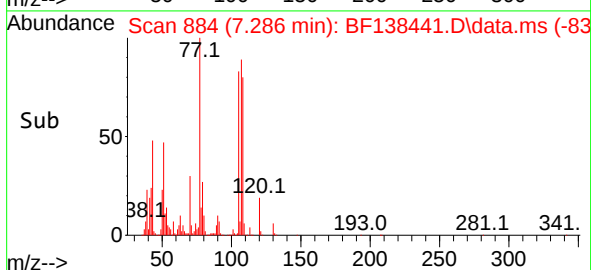
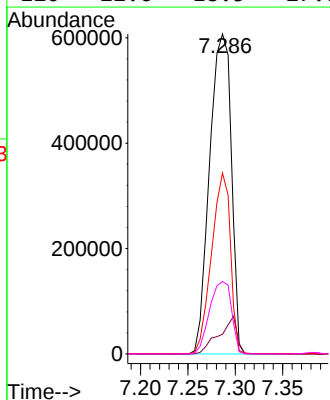
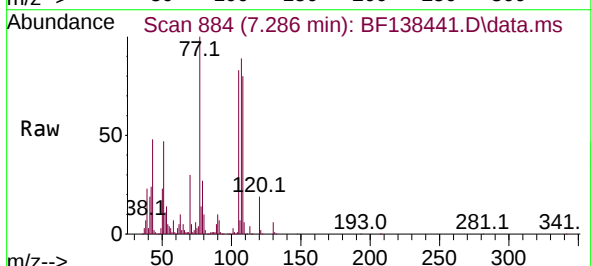
Reviewed By :Yogesh Patel 07/05/2024

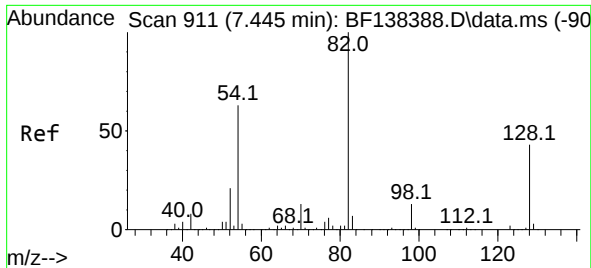
Supervised By :mohammad ahmed 07/05/2024



#22
Acetophenone
Concen: 41.602 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:105 Resp: 967065
Ion Ratio Lower Upper
105 100
71 6.1 4.7 7.1
51 56.5 43.2 64.8
120 22.6 18.5 27.7





#23

Nitrobenzene-d5

Concen: 80.514 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion: 82 Resp: 158812

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

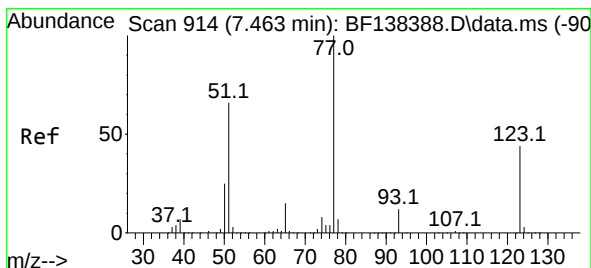
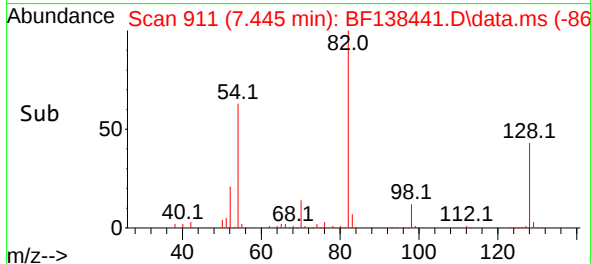
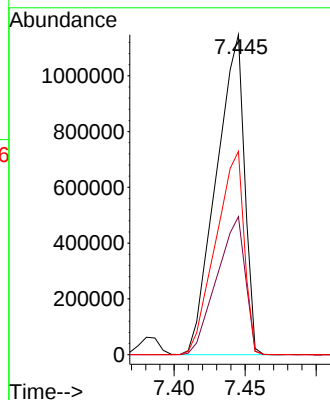
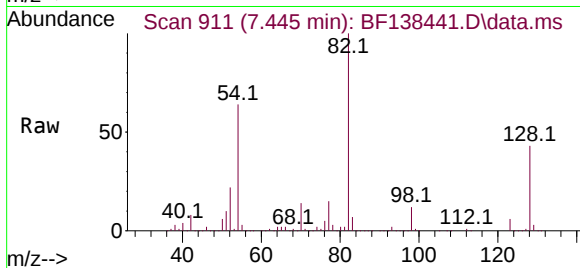
54 63.5 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#24

Nitrobenzene

Concen: 41.311 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.000 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

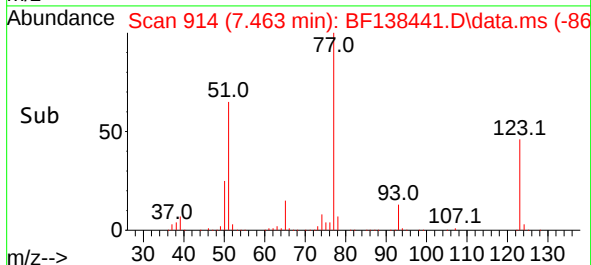
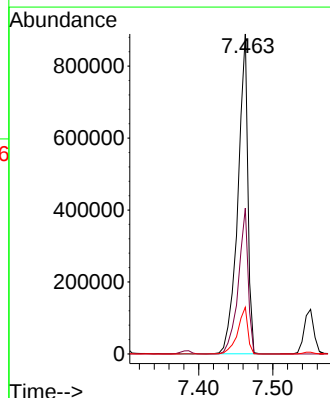
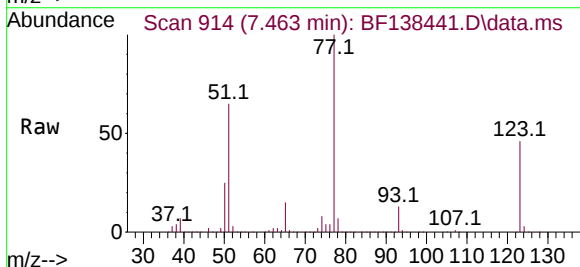
Tgt Ion: 77 Resp: 828782

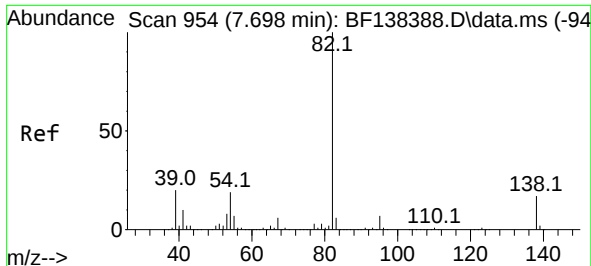
Ion Ratio Lower Upper

77 100

123 45.6 35.0 52.6

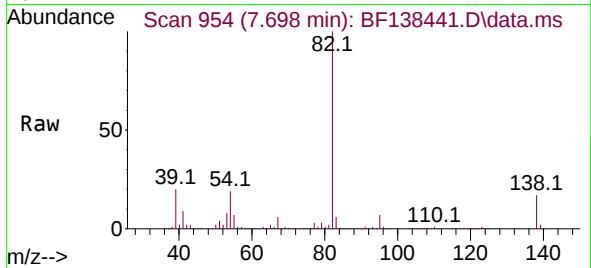
65 14.6 12.1 18.1





#25
Isophorone
Concen: 43.905 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

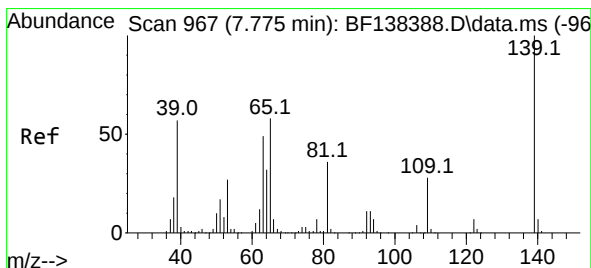
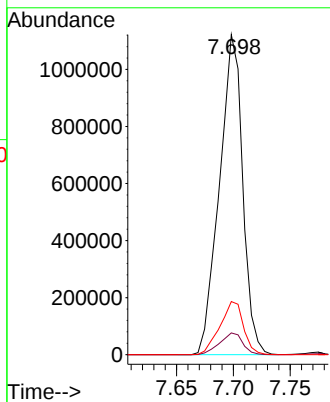
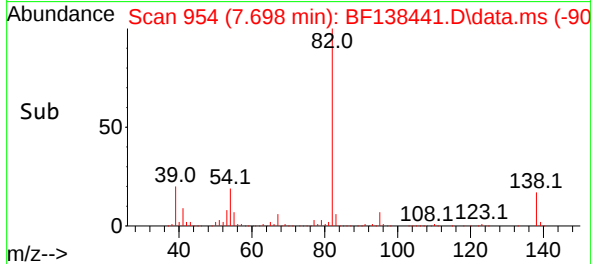
Instrument :
BNA_F
ClientSampleId :
PB161624BS



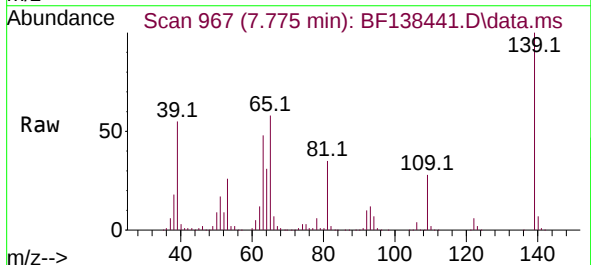
Tgt Ion: 82 Resp: 159685
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 16.6 13.4 20.2

Manual Integrations
APPROVED

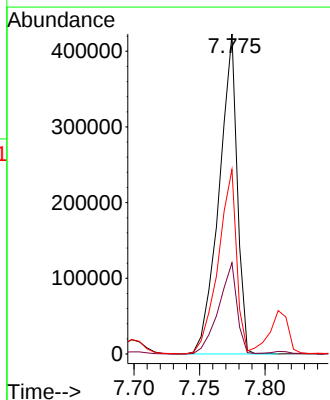
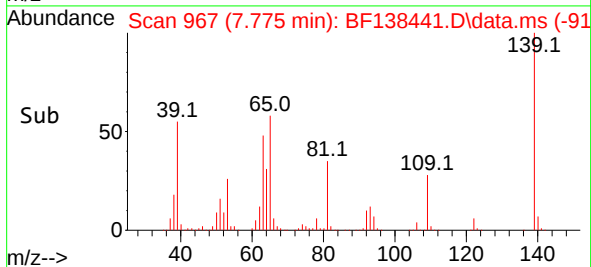
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

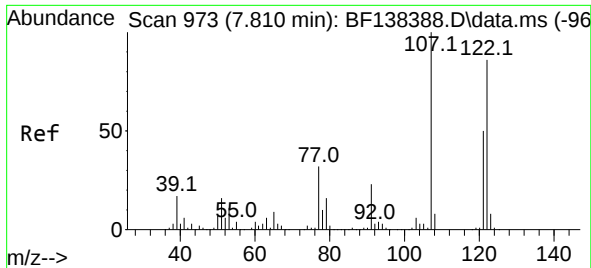


#26
2-Nitrophenol
Concen: 47.055 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:139 Resp: 407185
Ion Ratio Lower Upper
139 100
109 28.5 22.5 33.7
65 57.7 46.2 69.2





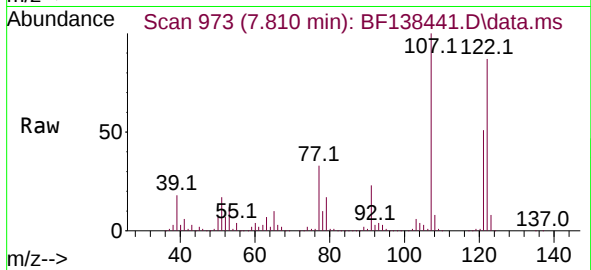
#27
2,4-Dimethylphenol
Concen: 48.053 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



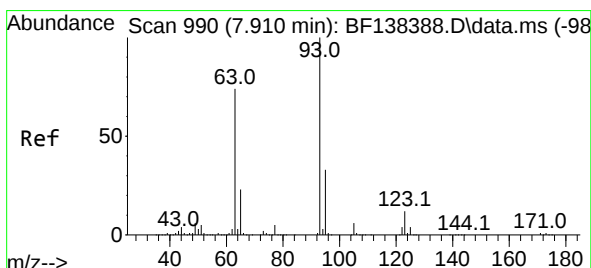
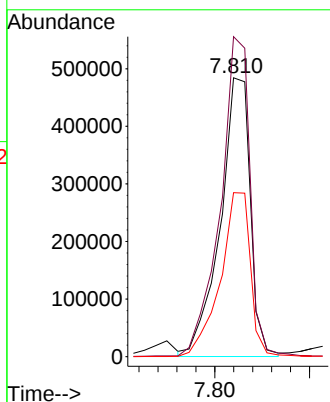
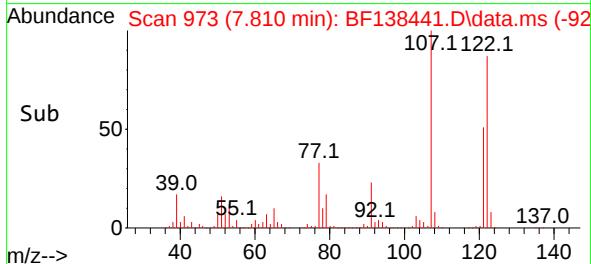
Tgt Ion:122 Resp: 532189
Ion Ratio Lower Upper
122 100
107 114.8 92.5 138.7
121 58.8 46.5 69.7

Manual Integrations

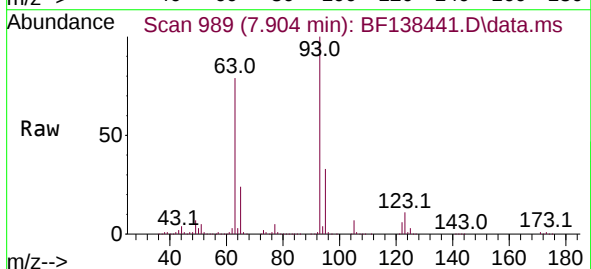
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

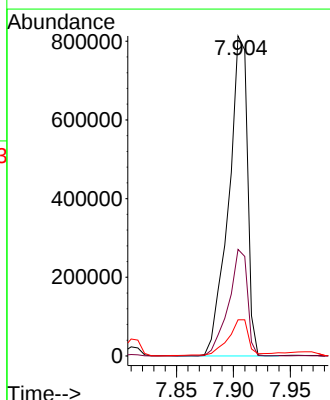
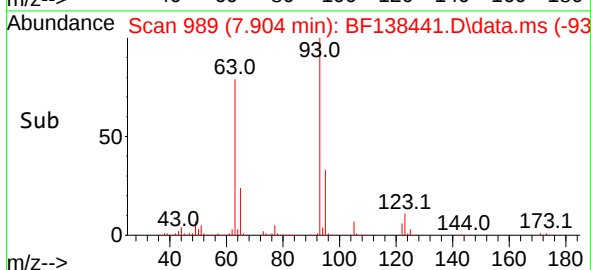
Supervised By :mohammad ahmed 07/05/2024

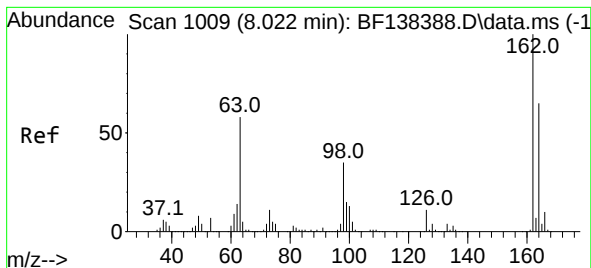


#28
bis(2-Chloroethoxy)methane
Concen: 42.846 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion: 93 Resp: 937983
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 11.3 9.6 14.4





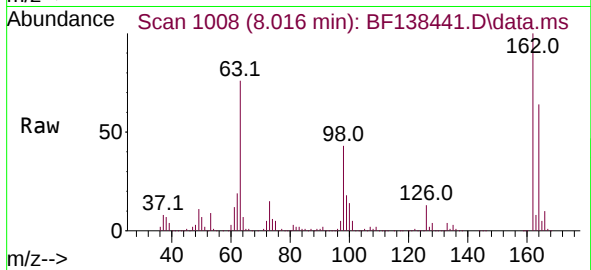
#29
2,4-Dichlorophenol
Concen: 42.806 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



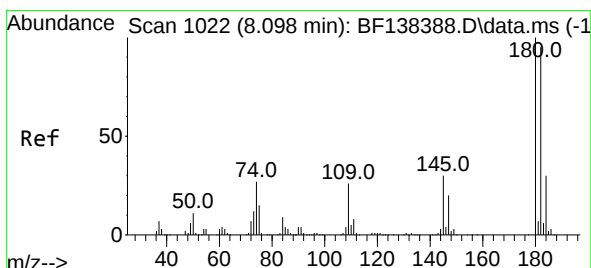
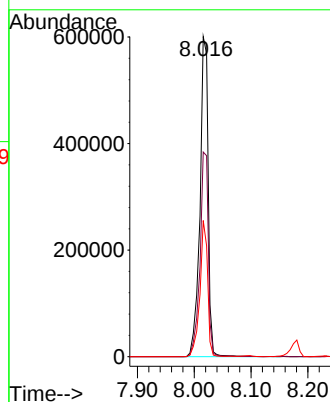
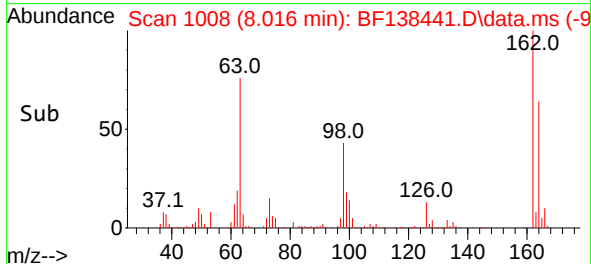
Tgt Ion:162 Resp: 60889
Ion Ratio Lower Upper
162 100
164 63.9 45.4 85.4
98 42.5 15.2 55.2

Manual Integrations

APPROVED

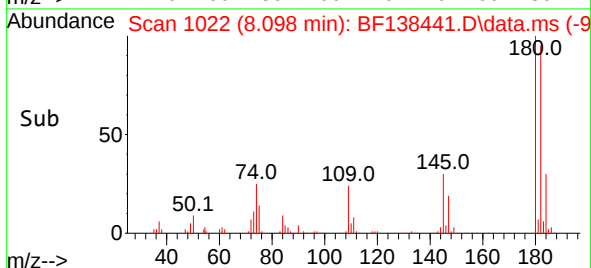
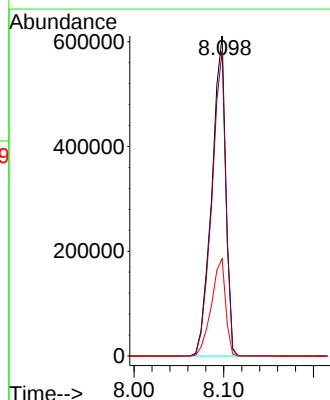
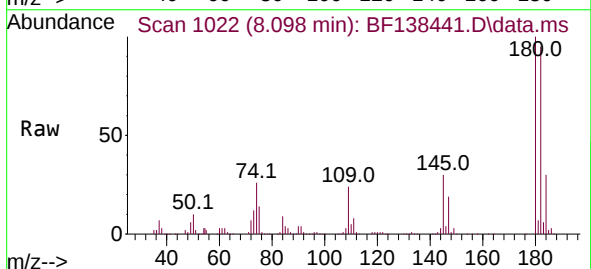
Reviewed By :Yogesh Patel 07/05/2024

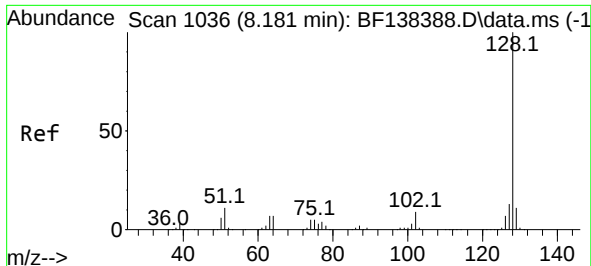
Supervised By :mohammad ahmed 07/05/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.970 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:180 Resp: 661074
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 30.4 24.2 36.2





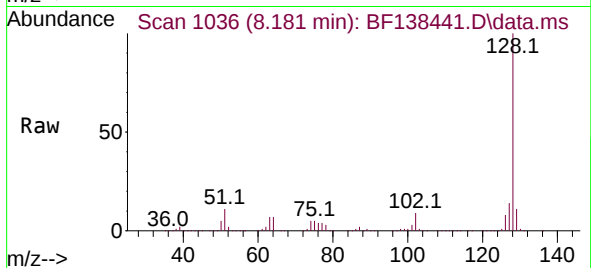
#31
Naphthalene
Concen: 40.372 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



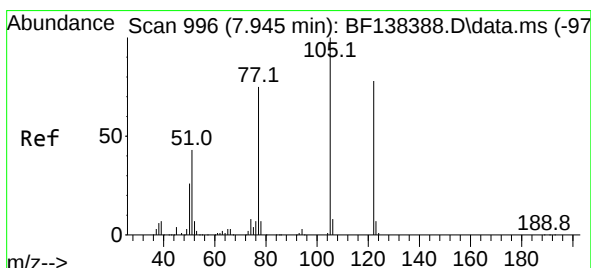
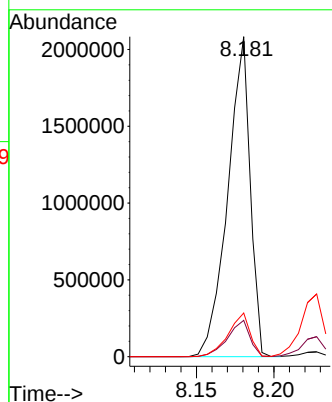
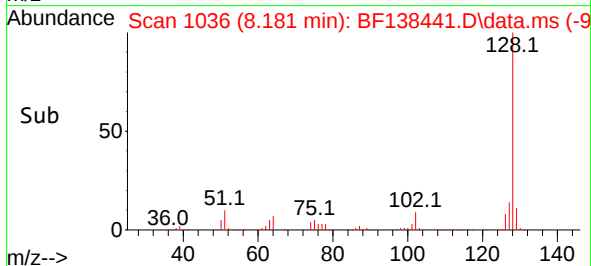
Tgt Ion:128 Resp: 2091239
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.6 16.0

Manual Integrations

APPROVED

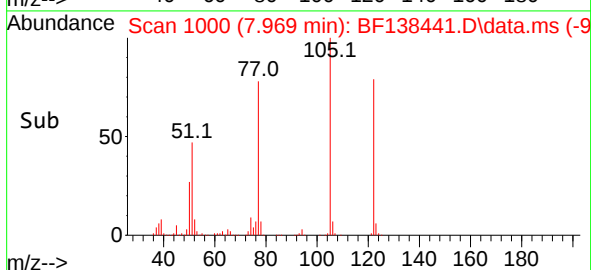
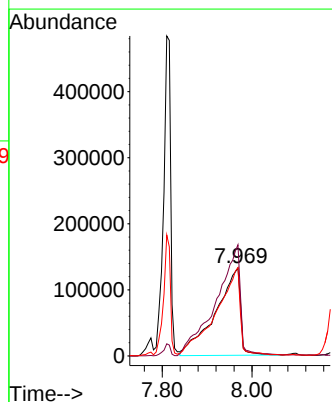
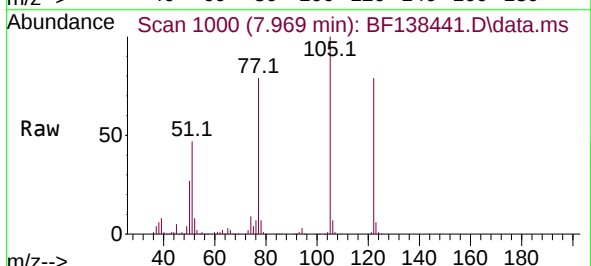
Reviewed By :Yogesh Patel 07/05/2024

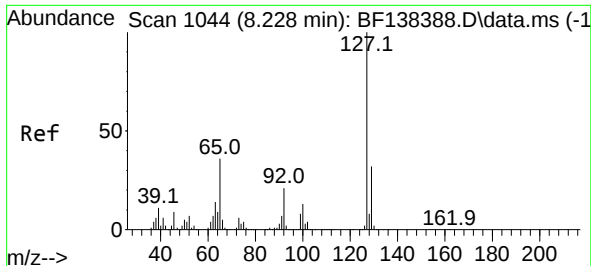
Supervised By :mohammad ahmed 07/05/2024



#32
Benzoic acid
Concen: 50.329 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.024 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:122 Resp: 511672
Ion Ratio Lower Upper
122 100
105 126.4 103.8 143.8
77 100.3 74.3 114.3





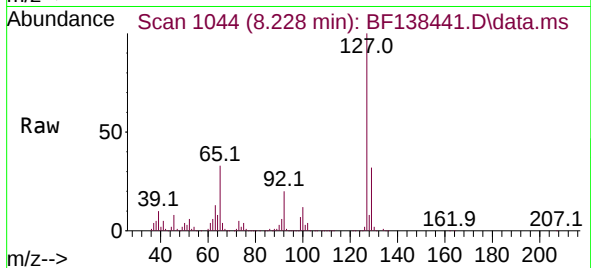
#33
4-Chloroaniline
Concen: 25.181 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



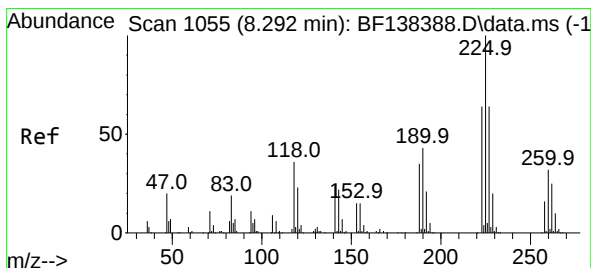
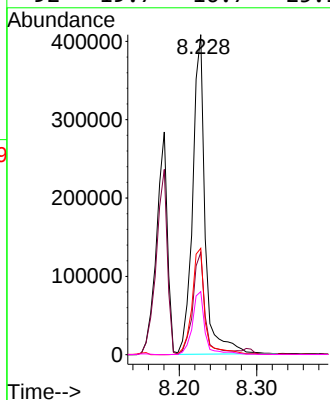
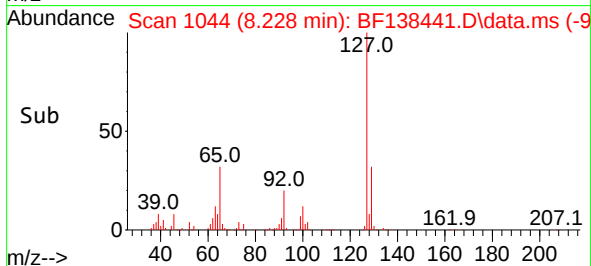
Tgt Ion:127 Resp: 455540
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 33.2 28.7 43.1
92 19.7 16.7 25.1

Manual Integrations

APPROVED

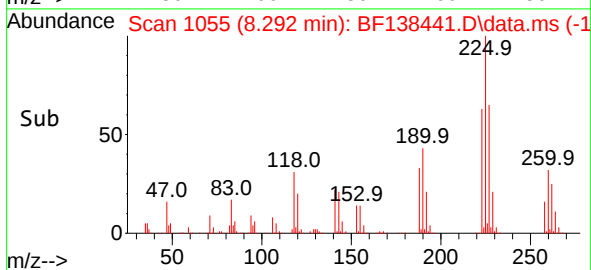
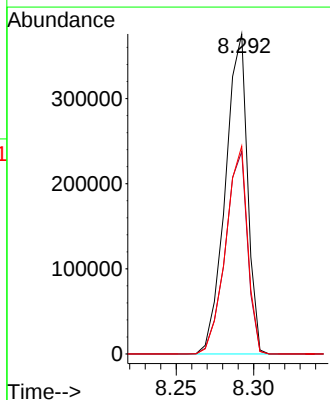
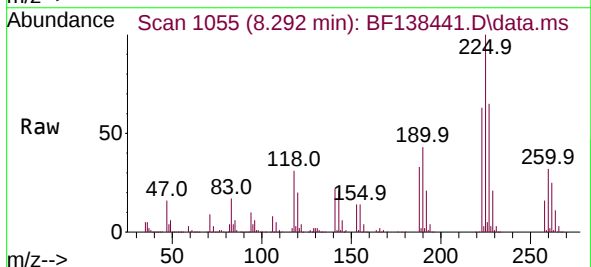
Reviewed By :Yogesh Patel 07/05/2024

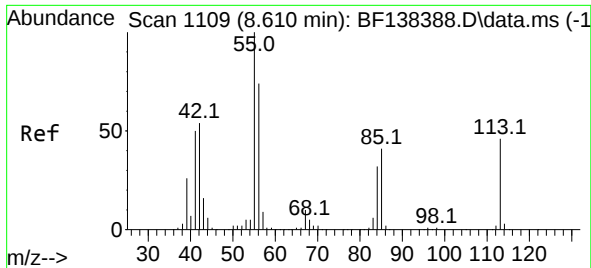
Supervised By :mohammad ahmed 07/05/2024



#34
Hexachlorobutadiene
Concen: 37.529 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

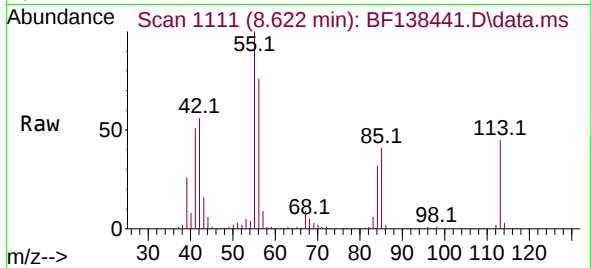
Tgt Ion:225 Resp: 372659
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.6
227 65.0 51.2 76.8





#35
Caprolactam
Concen: 45.130 ng m
RT: 8.622 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

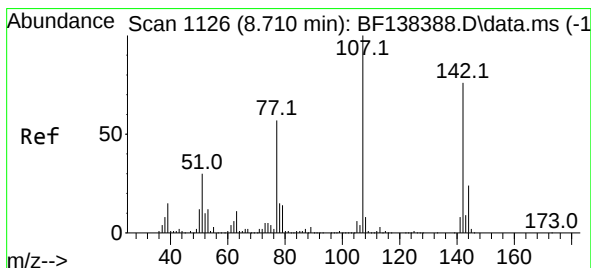
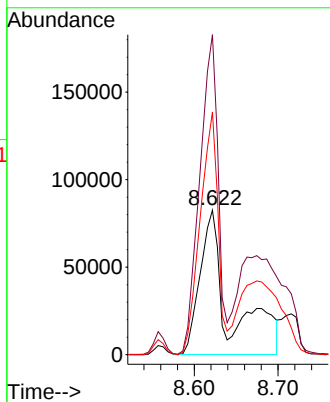
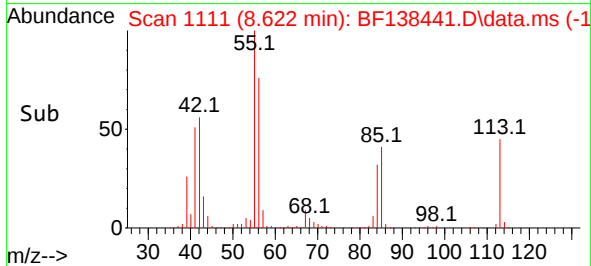
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:113 Resp: 202714
Ion Ratio Lower Upper
113 100
55 221.4 195.9 235.9
56 167.9 138.7 178.7

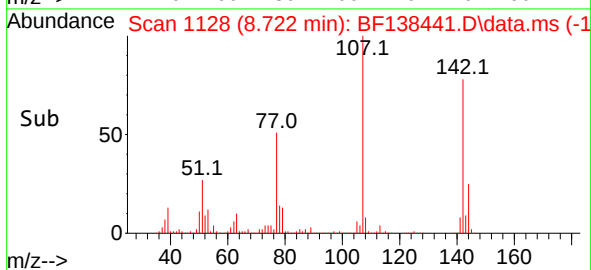
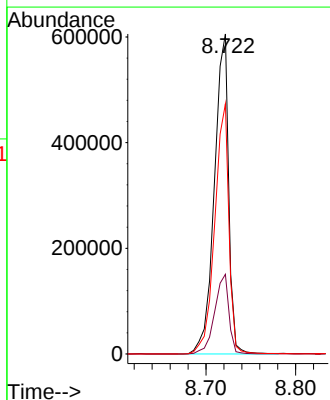
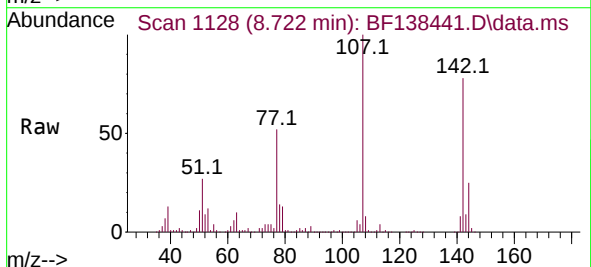
Manual Integrations
APPROVED

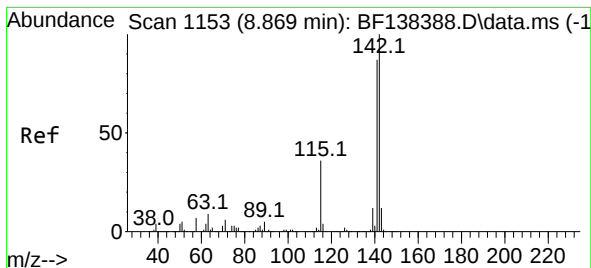
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#36
4-Chloro-3-methylphenol
Concen: 44.125 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:107 Resp: 668552
Ion Ratio Lower Upper
107 100
144 24.9 19.2 28.8
142 78.2 61.0 91.6





#37
2-Methylnaphthalene
Concen: 40.303 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

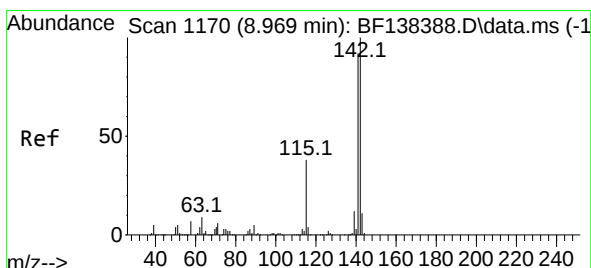
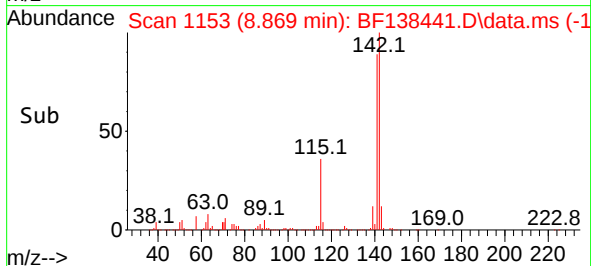
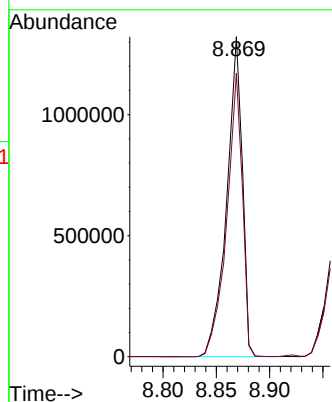
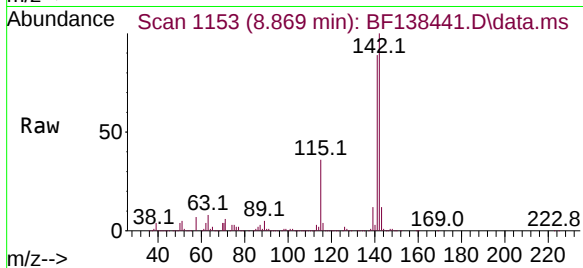
PB161624BS

Tgt Ion:142 Resp: 134923
Ion Ratio Lower Upper
142 100
141 88.6 69.6 104.4

Manual Integrations

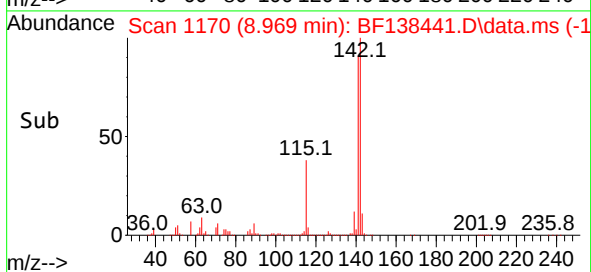
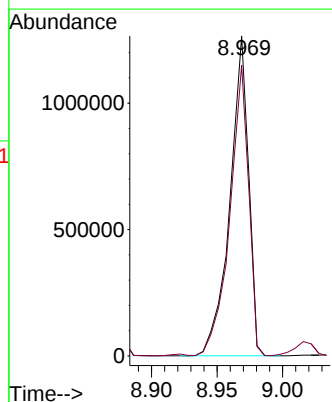
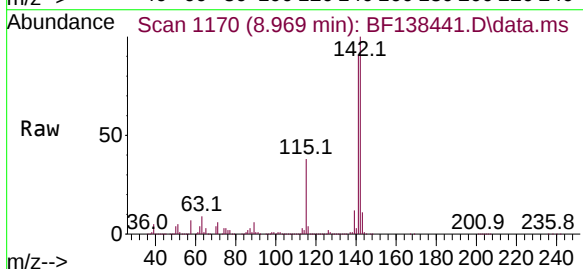
APPROVED

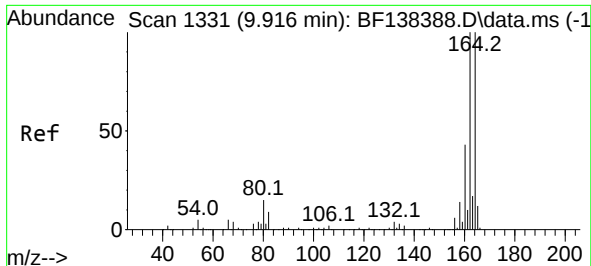
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#38
1-Methylnaphthalene
Concen: 38.550 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:142 Resp: 1251598
Ion Ratio Lower Upper
142 100
141 90.9 73.7 110.5





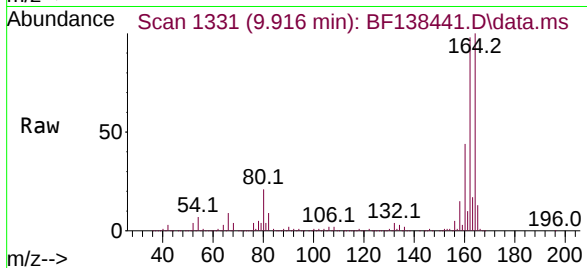
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

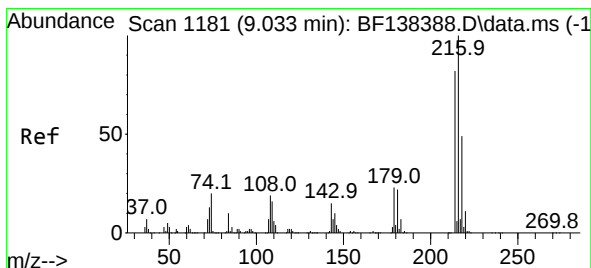
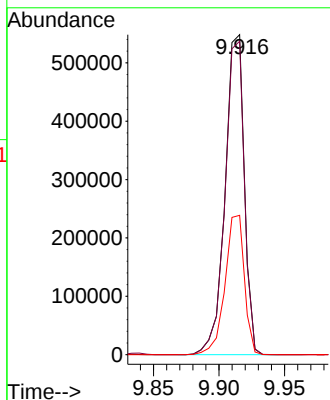
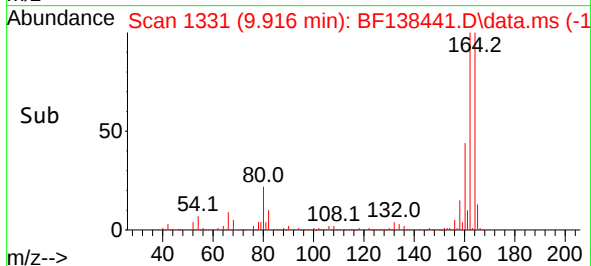
PB161624BS



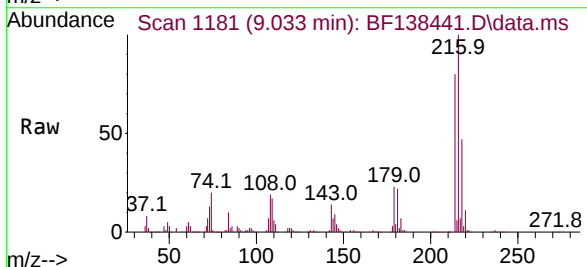
Tgt Ion:164 Resp: 56138
Ion Ratio Lower Upper
164 100
162 98.0 80.1 120.1
160 43.6 34.1 51.1

Manual Integrations
APPROVED

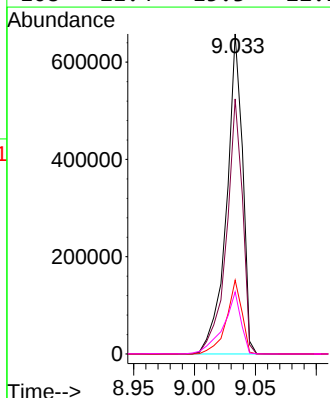
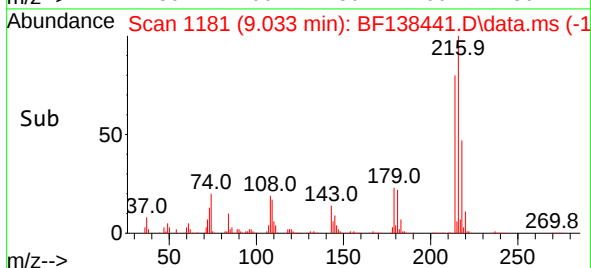
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

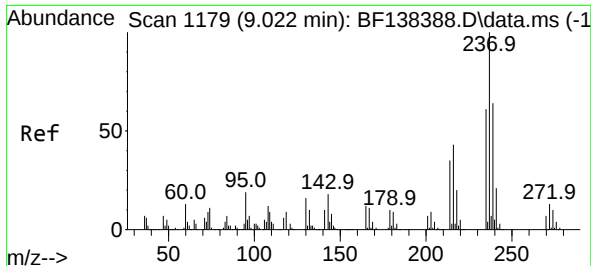


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.867 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:216 Resp: 603520
Ion Ratio Lower Upper
216 100
214 79.0 64.2 96.4
179 22.2 17.4 26.0
108 21.4 15.3 22.9





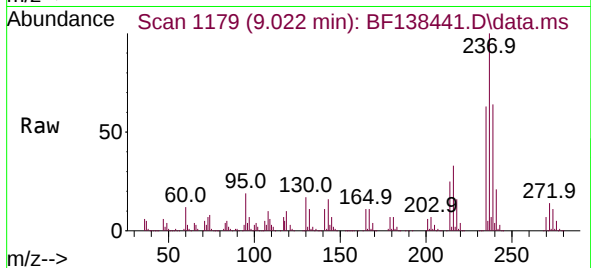
#41
Hexachlorocyclopentadiene
Concen: 104.636 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



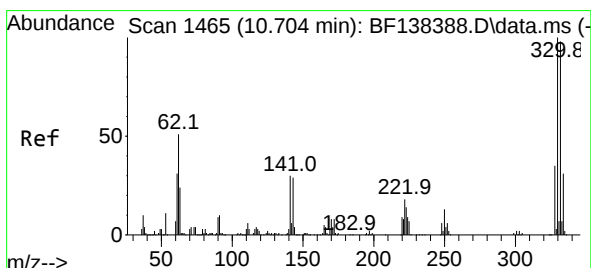
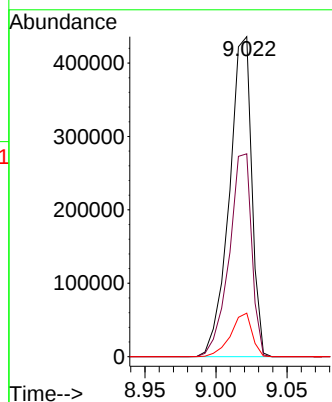
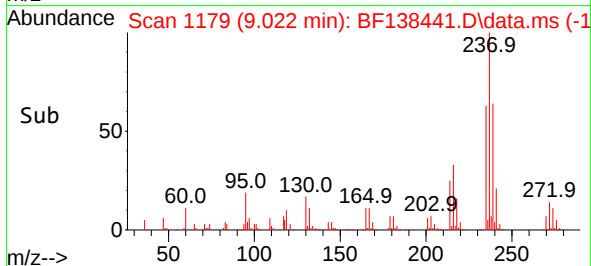
Tgt Ion:237 Resp: 47825
Ion Ratio Lower Upper
237 100
235 63.4 41.4 81.4
272 13.6 0.0 33.1

Manual Integrations

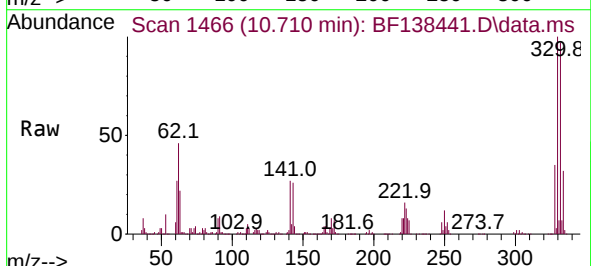
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

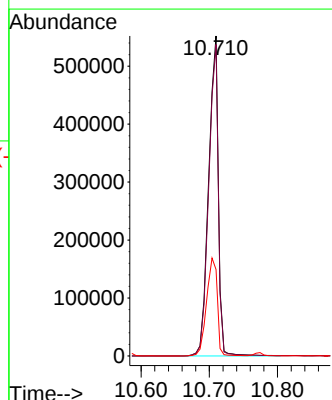
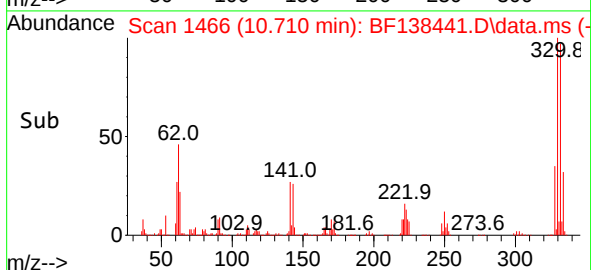
Supervised By :mohammad ahmed 07/05/2024

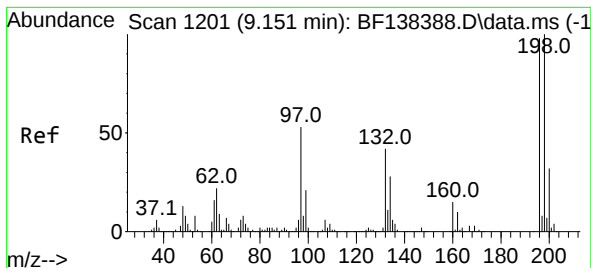


#42
2,4,6-Tribromophenol
Concen: 119.380 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:330 Resp: 547545
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 33.9 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 42.336 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138441.D

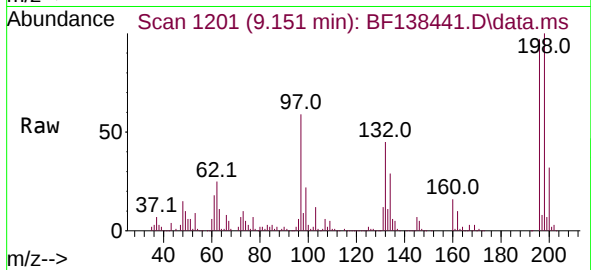
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



Tgt Ion:196 Resp: 418299

Ion Ratio Lower Upper

196 100

198 102.6 81.8 122.8

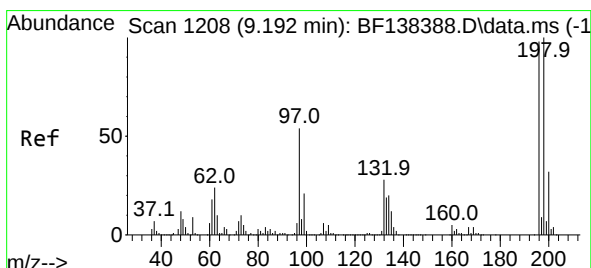
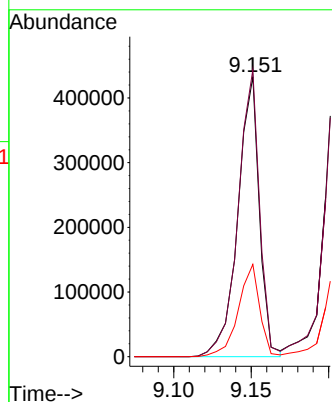
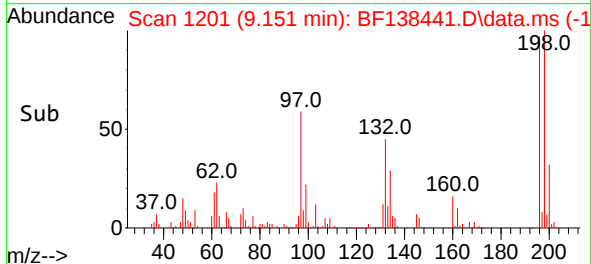
200 33.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#44

2,4,5-Trichlorophenol

Concen: 40.325 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.012 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Tgt Ion:196 Resp: 433317

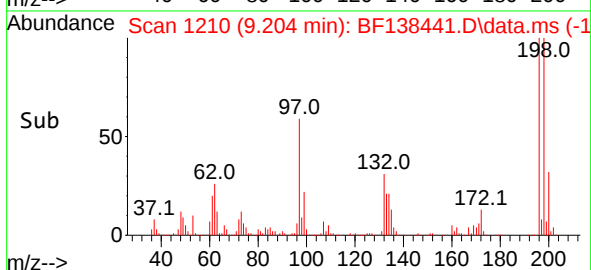
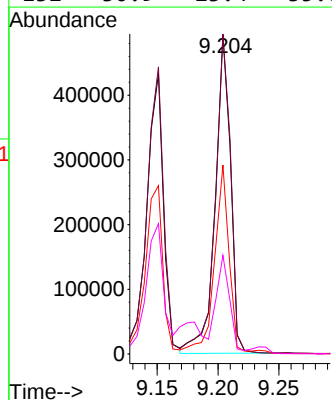
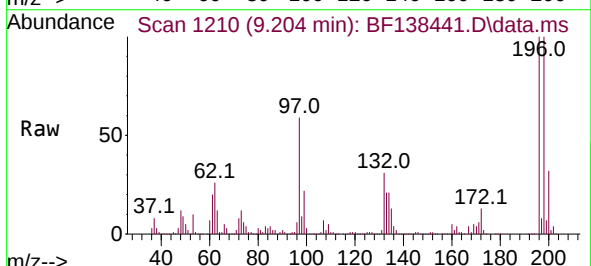
Ion Ratio Lower Upper

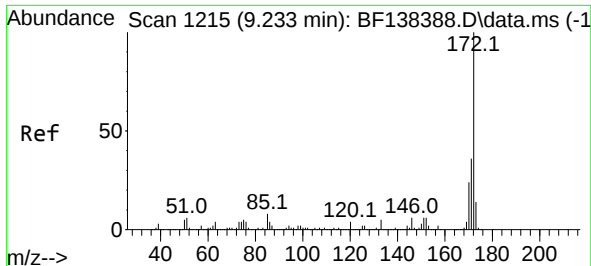
196 100

198 100.2 81.8 122.6

97 59.2 44.2 66.4

132 30.9 23.4 35.0





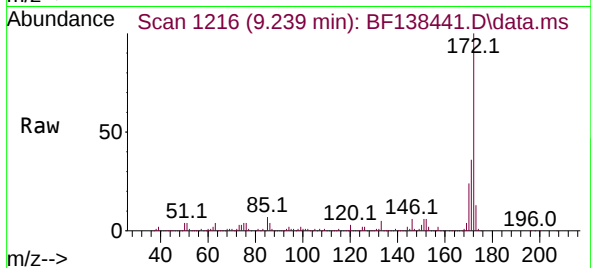
#45
2-Fluorobiphenyl
Concen: 70.999 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



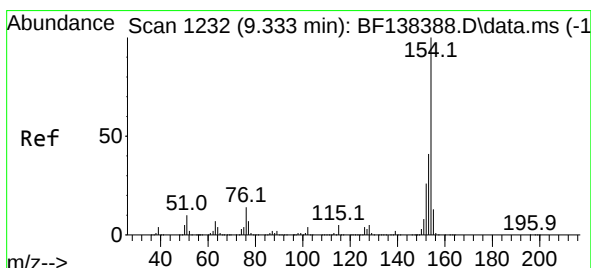
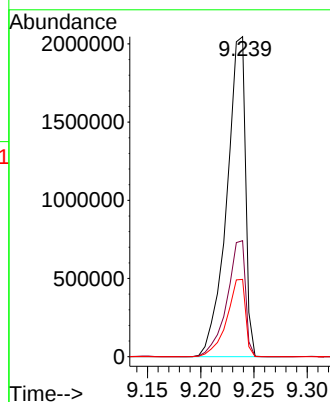
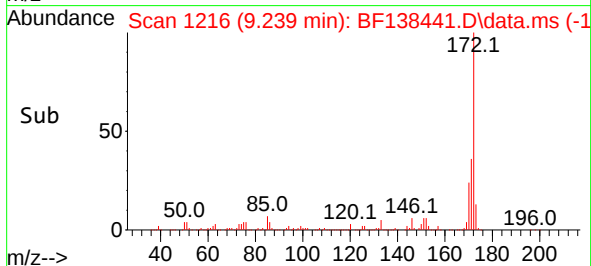
Tgt Ion:172 Resp: 2504454
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.1 19.0 28.6

Manual Integrations

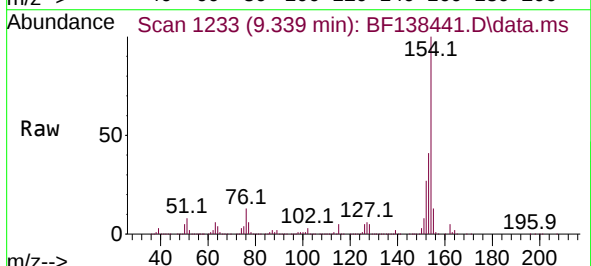
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

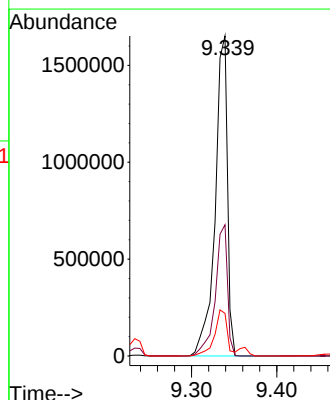
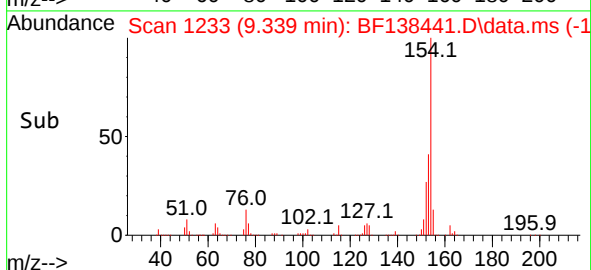
Supervised By :mohammad ahmed 07/05/2024

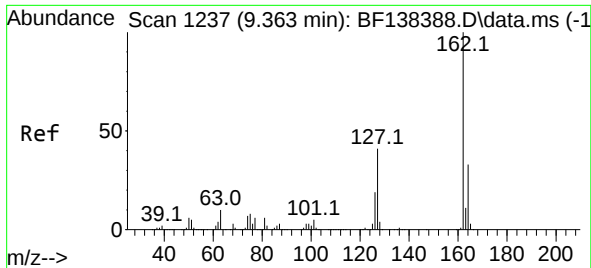


#46
1,1'-Biphenyl
Concen: 39.574 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:154 Resp: 1658796
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 13.3 0.0 34.4





#47
2-Chloronaphthalene
Concen: 39.255 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

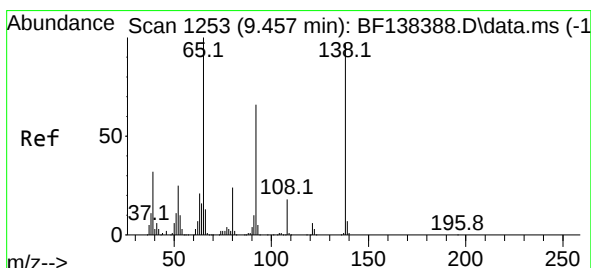
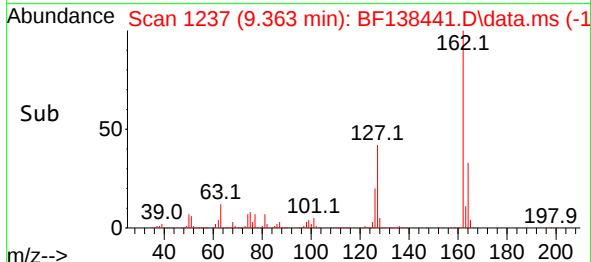
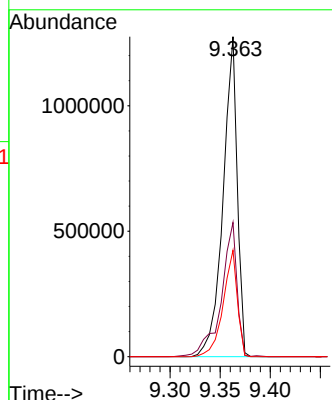
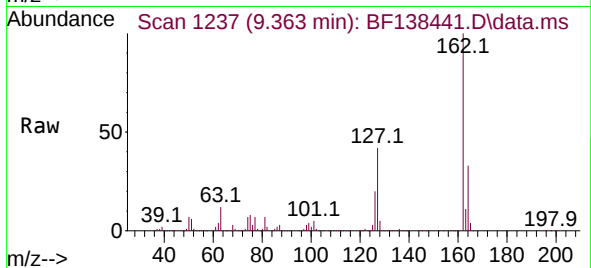
PB161624BS

Tgt Ion:162 Resp: 1254550
Ion Ratio Lower Upper
162 100
127 41.9 32.7 49.1
164 33.3 26.6 40.0

Manual Integrations

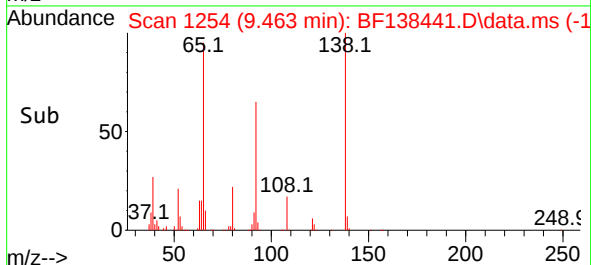
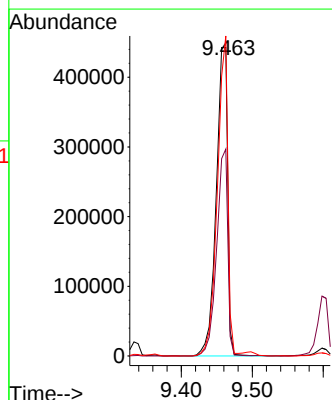
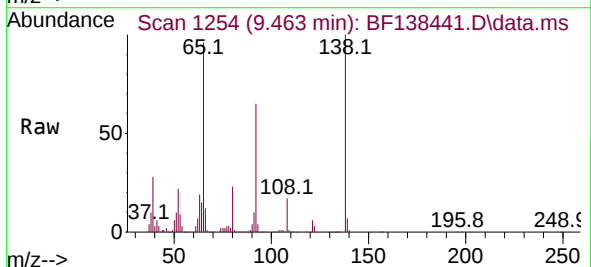
APPROVED

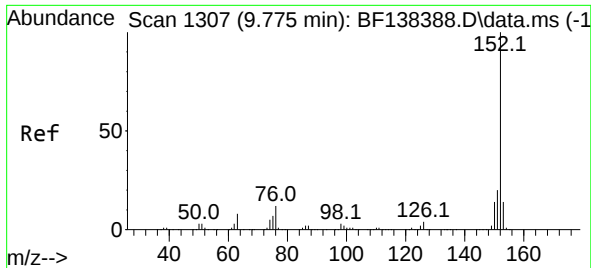
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#48
2-Nitroaniline
Concen: 48.037 ng
RT: 9.463 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion: 65 Resp: 495215
Ion Ratio Lower Upper
65 100
92 67.1 52.6 79.0
138 103.7 77.4 116.0





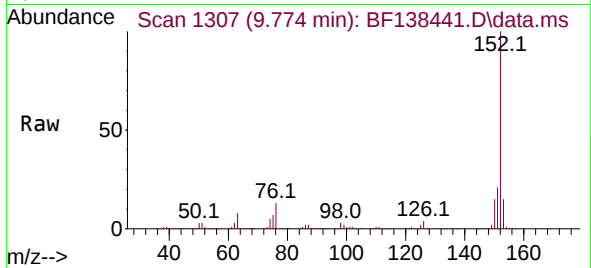
#49
Acenaphthylene
Concen: 42.936 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



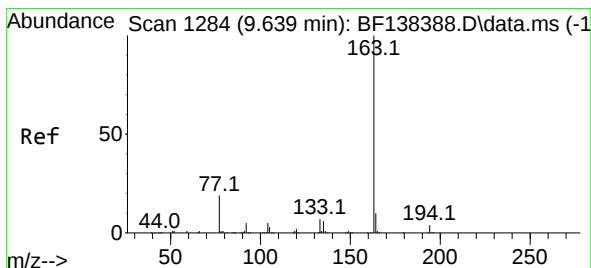
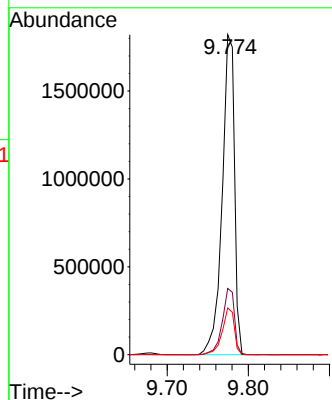
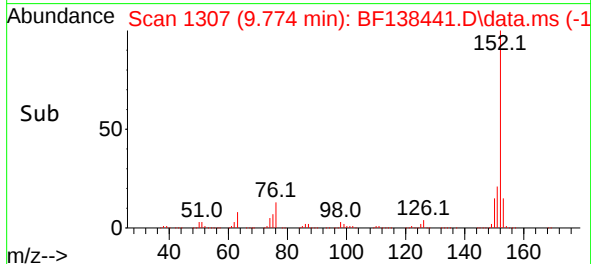
Tgt Ion:152 Resp: 1929829
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.6 11.4 17.2

Manual Integrations

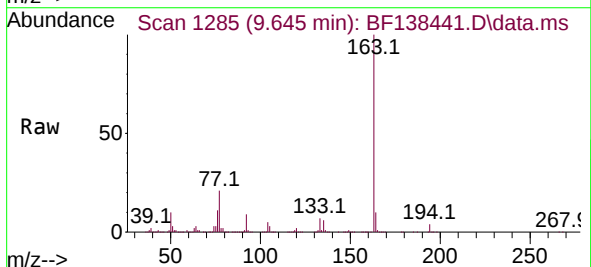
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

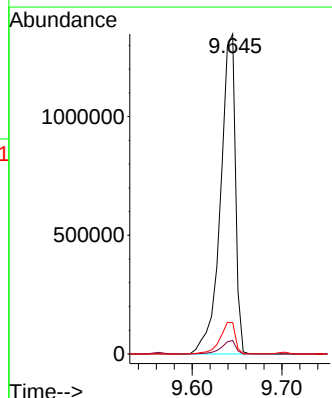
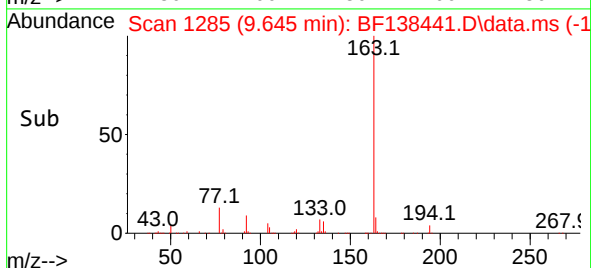
Supervised By :mohammad ahmed 07/05/2024

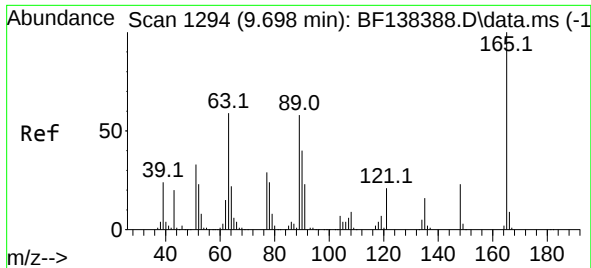


#50
Dimethylphthalate
Concen: 43.175 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:163 Resp: 1557729
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.8 8.2 12.4





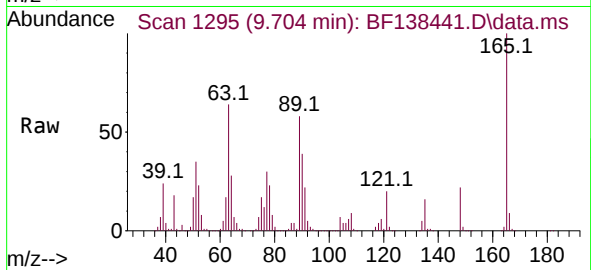
#51
2,6-Dinitrotoluene
Concen: 42.670 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



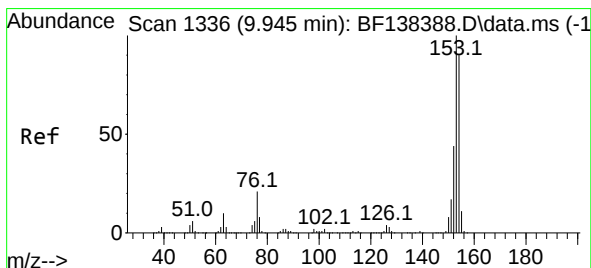
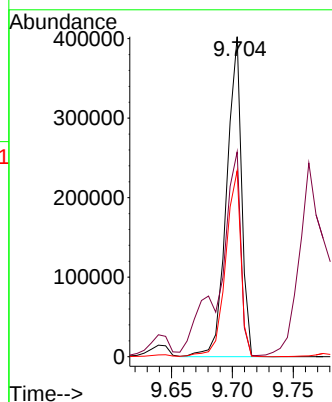
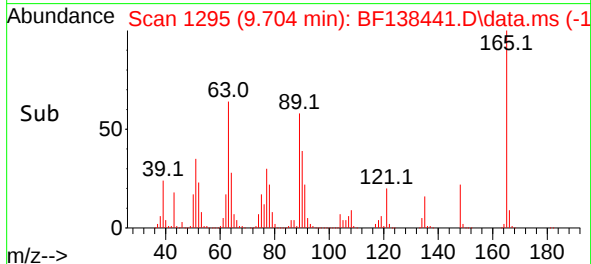
Tgt Ion:165 Resp: 344792
Ion Ratio Lower Upper
165 100
63 64.0 53.8 80.8
89 58.1 46.4 69.6

Manual Integrations

APPROVED

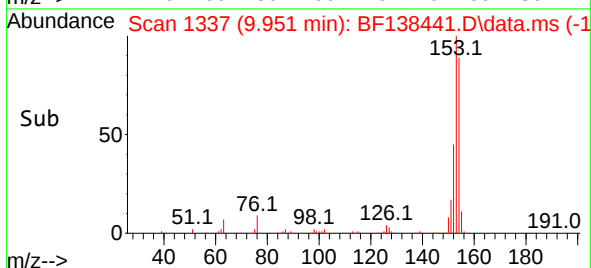
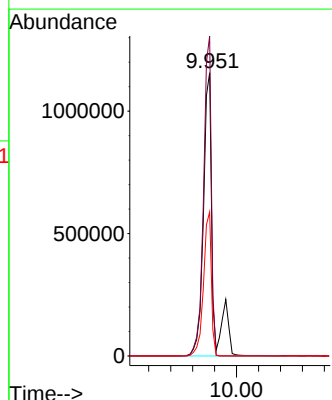
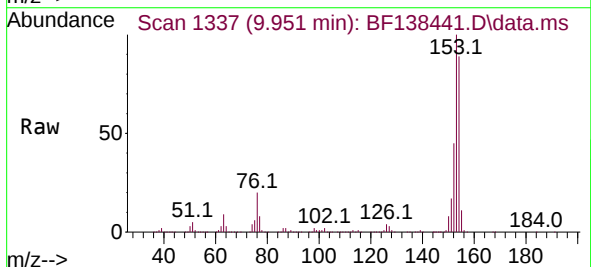
Reviewed By :Yogesh Patel 07/05/2024

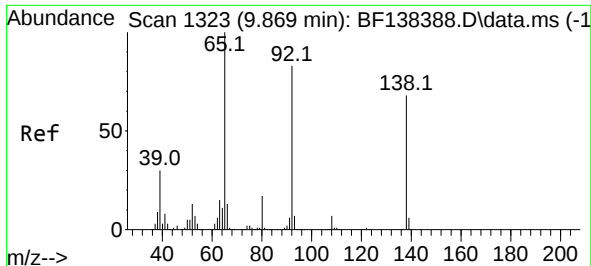
Supervised By :mohammad ahmed 07/05/2024



#52
Acenaphthene
Concen: 44.888 ng m
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:154 Resp: 1381480
Ion Ratio Lower Upper
154 100
153 113.0 89.4 134.0
152 50.8 39.7 59.5





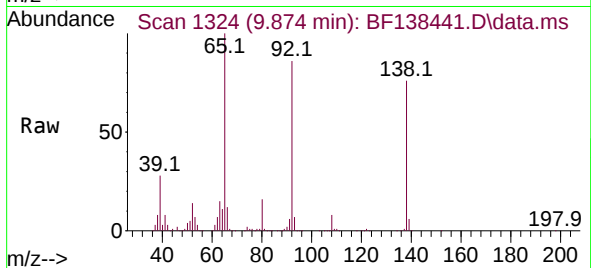
#53
3-Nitroaniline
Concen: 34.414 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



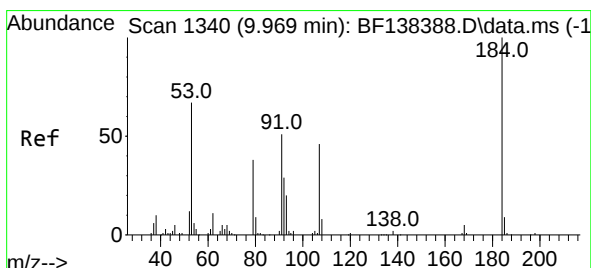
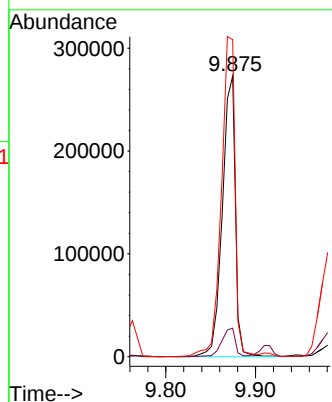
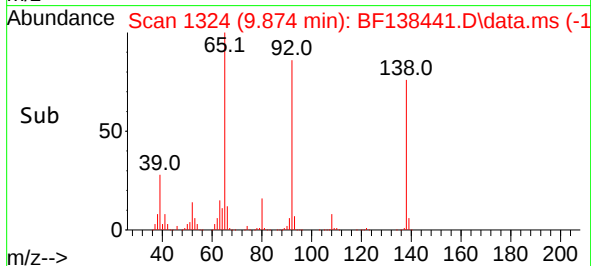
Tgt Ion:138 Resp: 27464
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 113.0 97.3 145.9

Manual Integrations

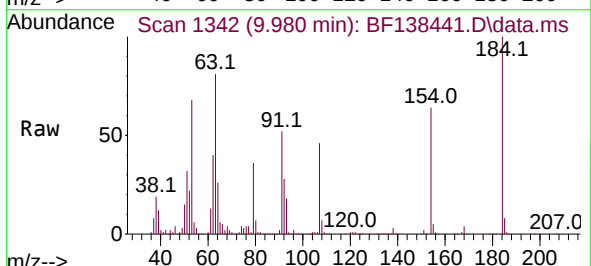
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

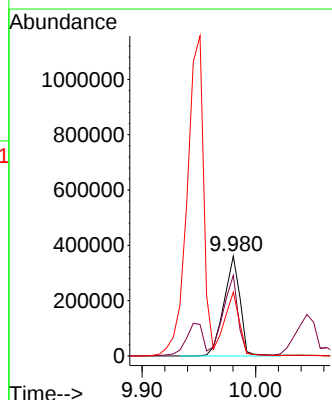
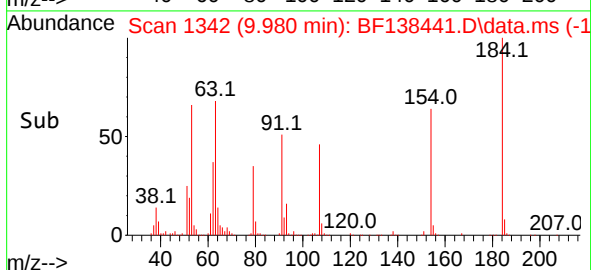
Supervised By :mohammad ahmed 07/05/2024

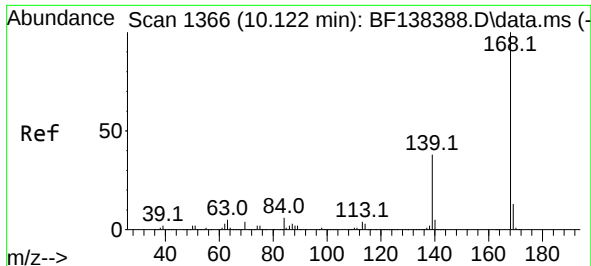


#54
2,4-Dinitrophenol
Concen: 101.552 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:184 Resp: 356335
Ion Ratio Lower Upper
184 100
63 80.9 67.3 100.9
154 64.0 51.0 76.4





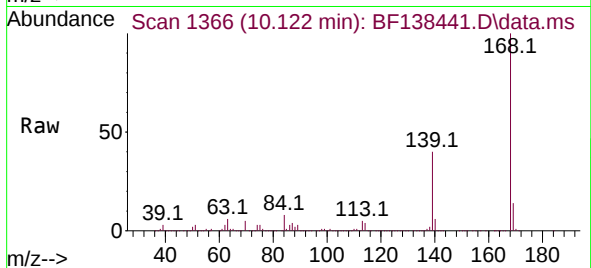
#55
Dibenzofuran
Concen: 39.973 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



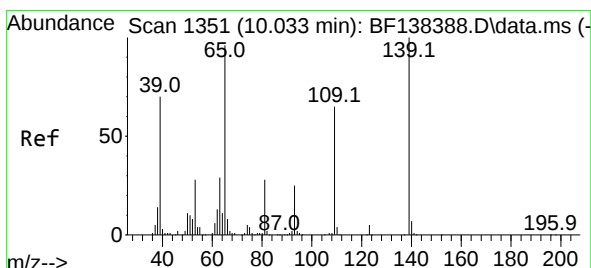
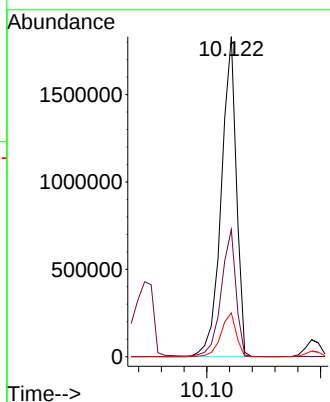
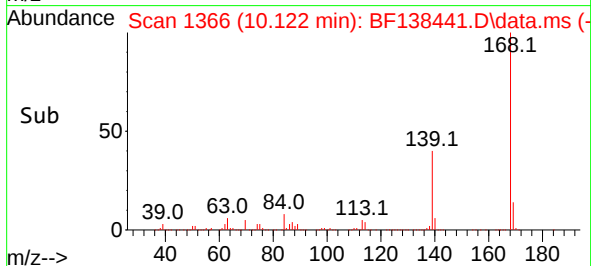
Tgt Ion:168 Resp: 1695020
Ion Ratio Lower Upper
168 100
139 39.8 30.4 45.6
169 13.7 10.7 16.1

Manual Integrations

APPROVED

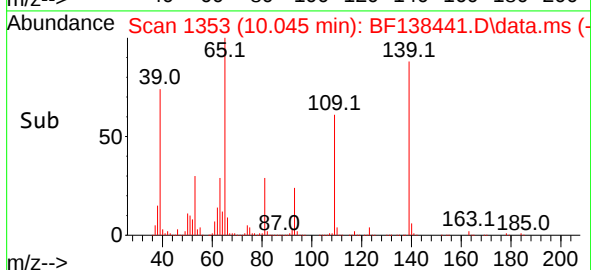
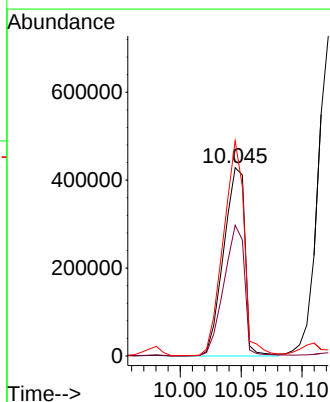
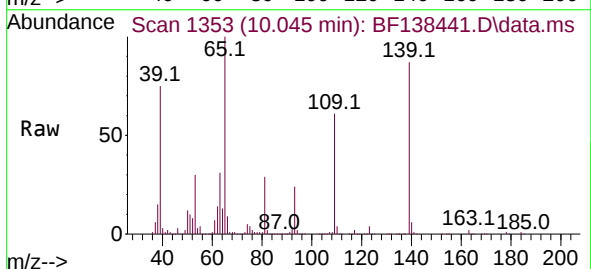
Reviewed By :Yogesh Patel 07/05/2024

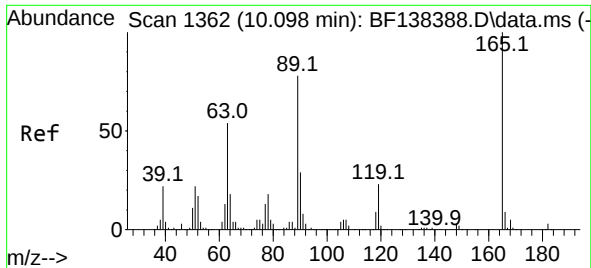
Supervised By :mohammad ahmed 07/05/2024



#56
4-Nitrophenol
Concen: 101.015 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:139 Resp: 522693
Ion Ratio Lower Upper
139 100
109 69.4 44.6 84.6
65 114.3 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 44.190 ng
RT: 10.110 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

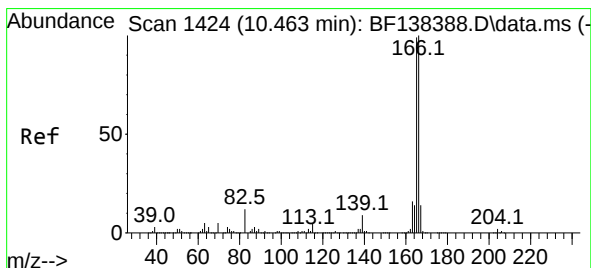
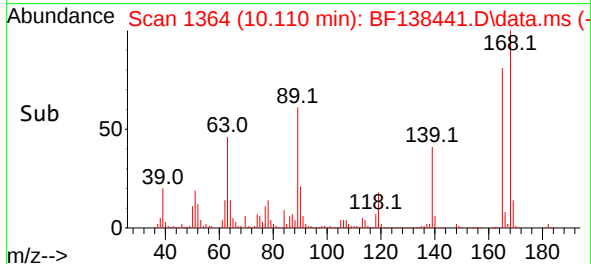
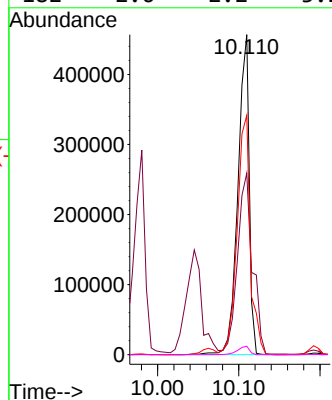
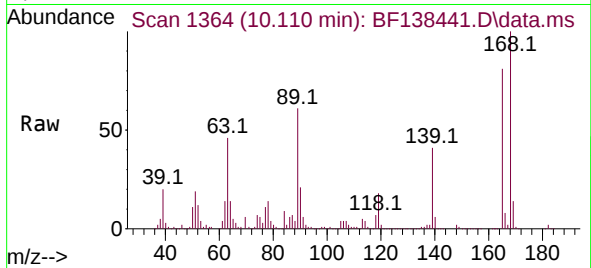
Tgt Ion:165 Resp: 439650
Ion Ratio Lower Upper
165 100
63 56.7 43.4 65.2
89 74.8 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations

APPROVED

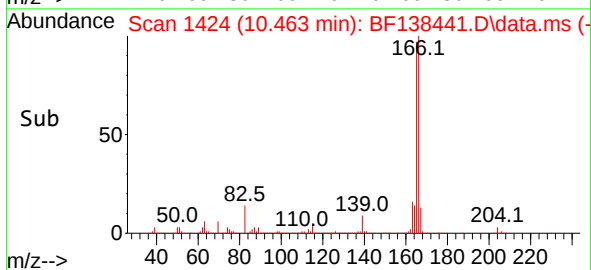
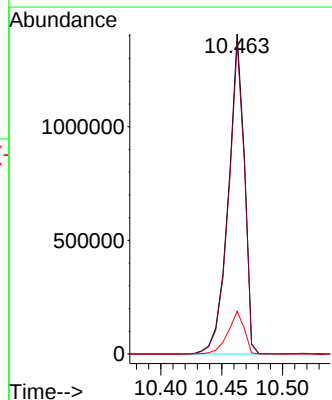
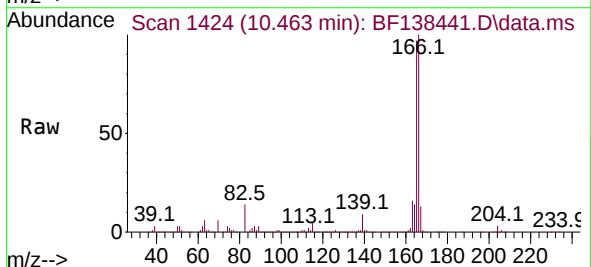
Reviewed By :Yogesh Patel 07/05/2024

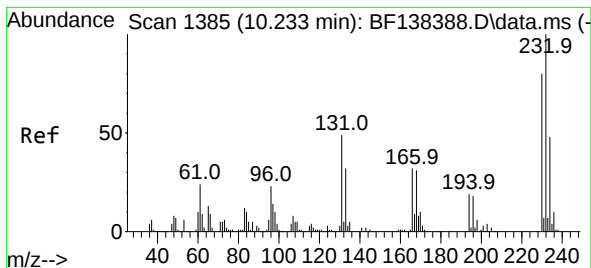
Supervised By :mohammad ahmed 07/05/2024



#58
Fluorene
Concen: 38.242 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

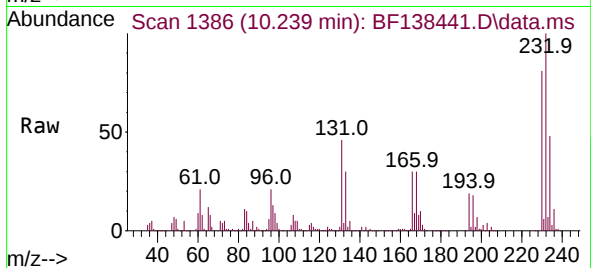
Tgt Ion:166 Resp: 1288535
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.354 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

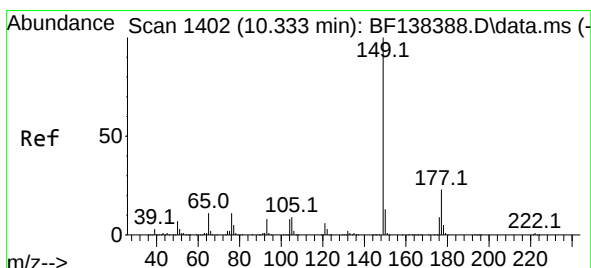
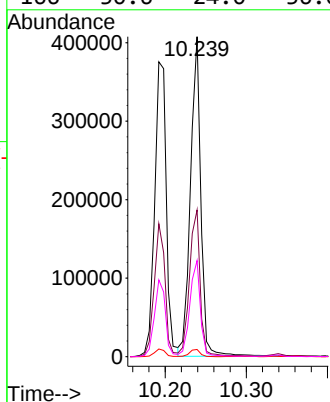
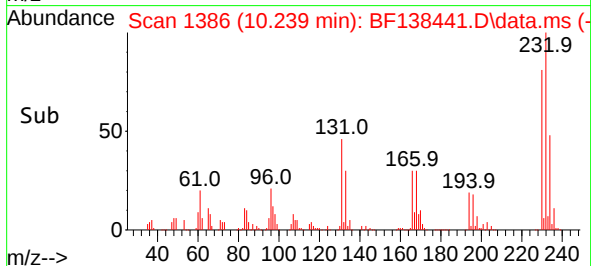
Instrument :
BNA_F
ClientSampleId :
PB161624BS



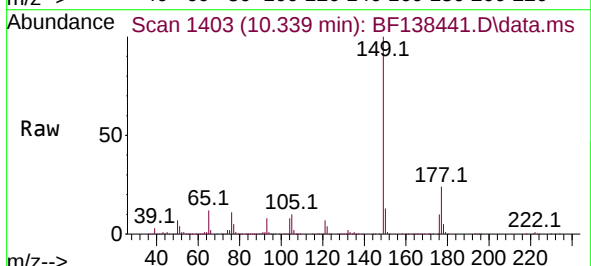
Tgt Ion:232 Resp: 361988
Ion Ratio Lower Upper
232 100
131 46.9 36.6 55.0
130 2.3 1.8 2.8
166 30.6 24.0 36.0

Manual Integrations
APPROVED

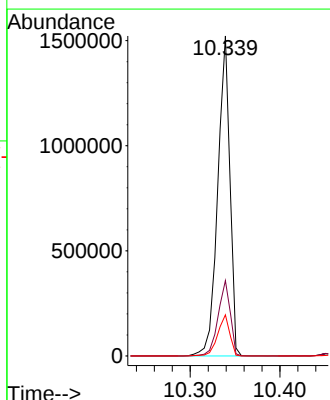
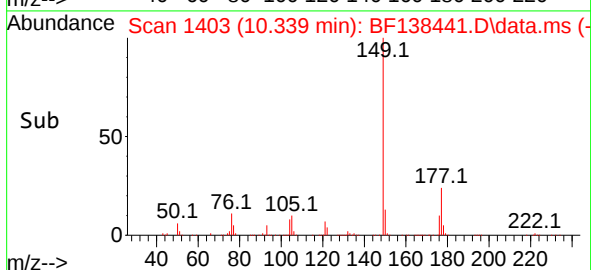
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

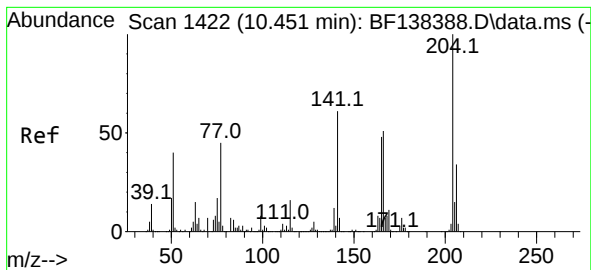


#60
Diethylphthalate
Concen: 42.387 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



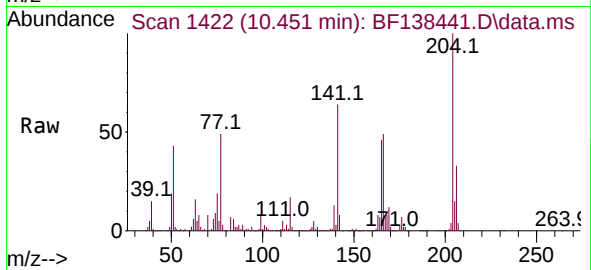
Tgt Ion:149 Resp: 1429804
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.106 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

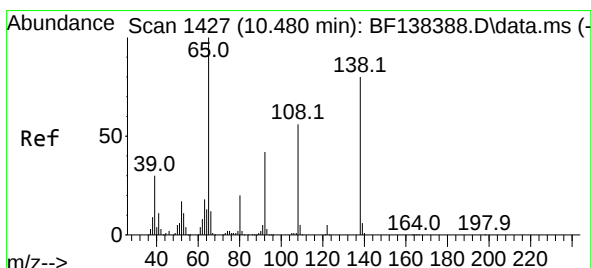
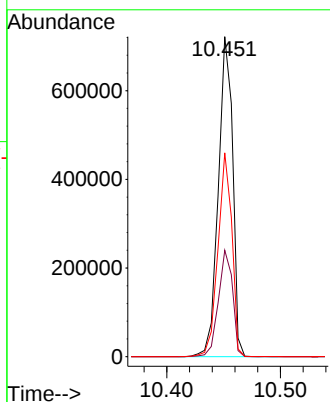
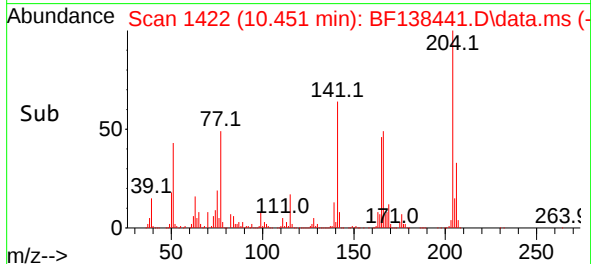
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:204 Resp: 63434
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 63.7 48.4 72.6

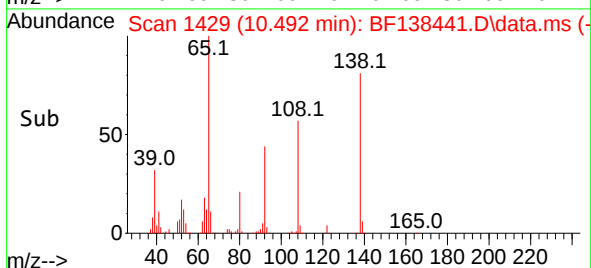
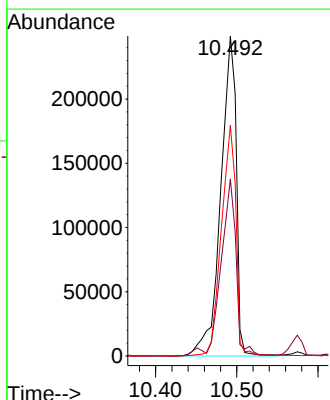
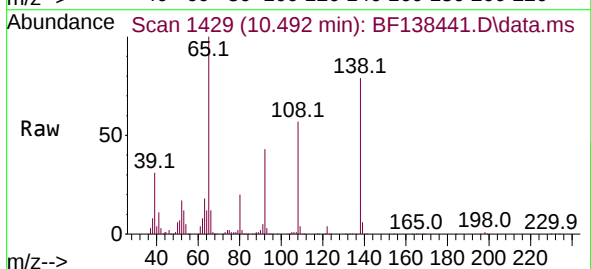
Manual Integrations
APPROVED

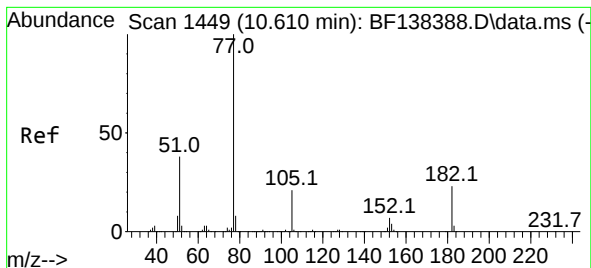
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#62
4-Nitroaniline
Concen: 45.370 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:138 Resp: 332341
Ion Ratio Lower Upper
138 100
92 55.3 32.6 72.6
108 72.1 50.3 90.3





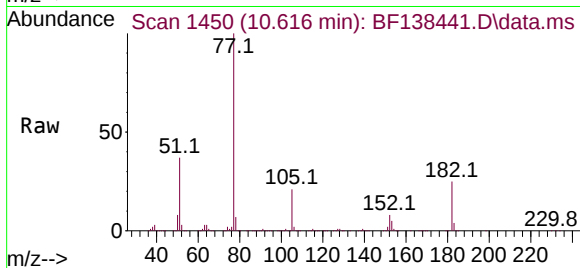
#63
Azobenzene
Concen: 44.111 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



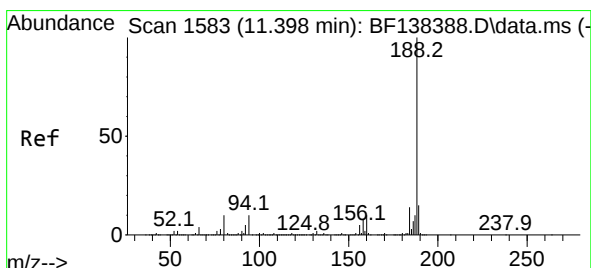
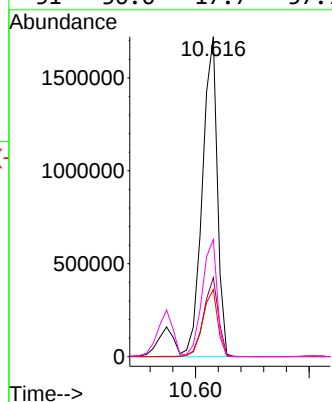
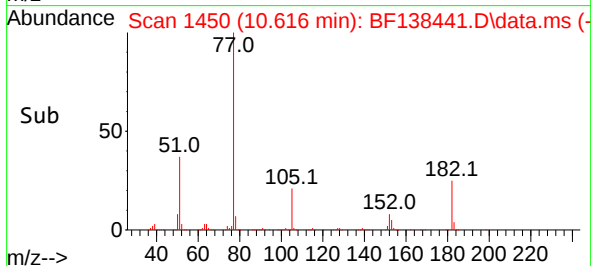
Tgt Ion: 77 Resp: 1571420
Ion Ratio Lower Upper
77 100
182 24.7 2.7 42.7
105 20.9 0.6 40.6
51 36.6 17.7 57.7

Manual Integrations

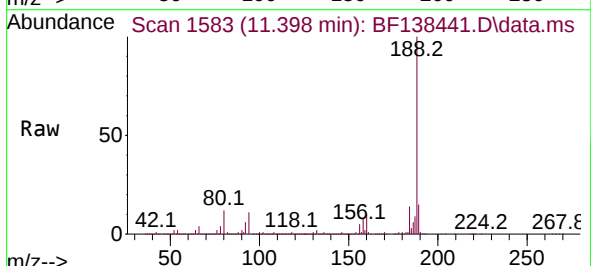
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

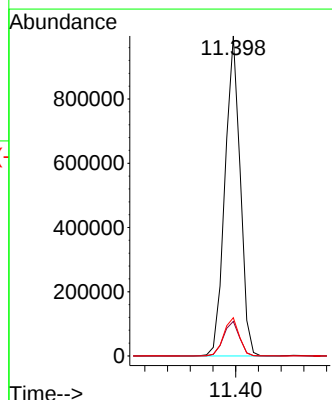
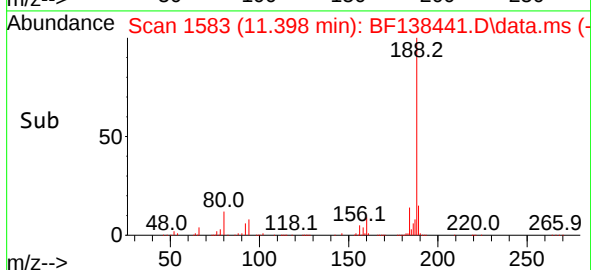
Supervised By :mohammad ahmed 07/05/2024

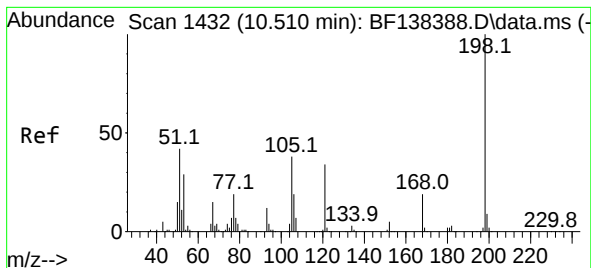


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:188 Resp: 928659
Ion Ratio Lower Upper
188 100
94 10.8 8.0 12.0
80 12.0 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.291 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

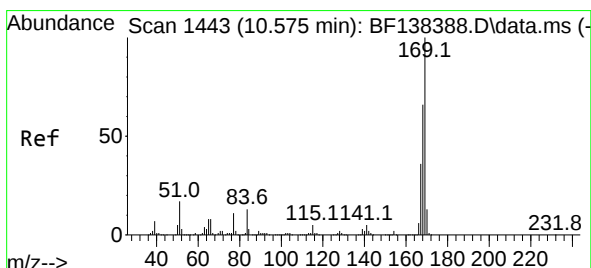
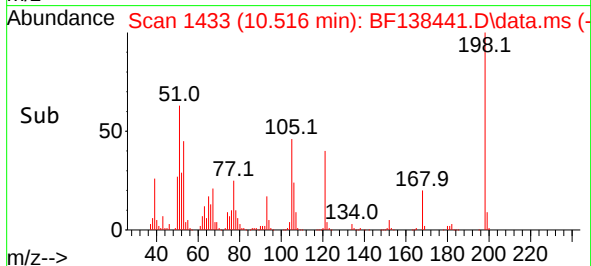
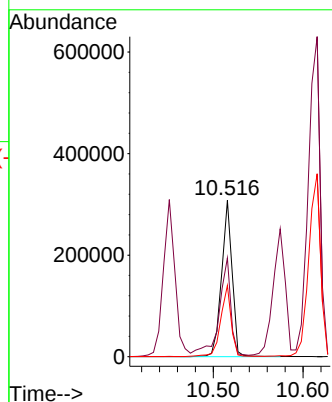
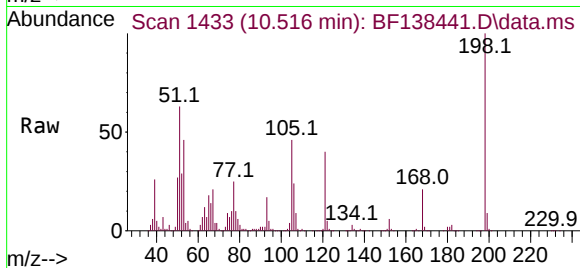
ClientSampleId :

PB161624BS

Tgt Ion:198 Resp: 25163
Ion Ratio Lower Upper
198 100
51 63.1 27.9 67.9
105 45.6 18.2 58.2

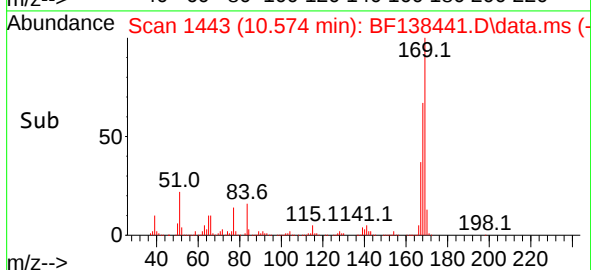
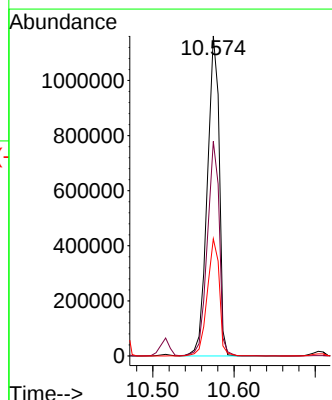
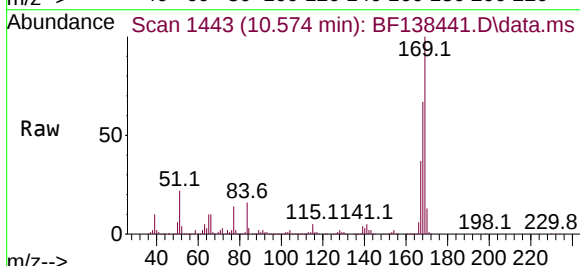
Manual Integrations
APPROVED

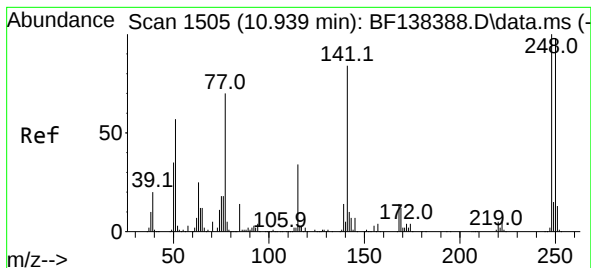
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#66
n-Nitrosodiphenylamine
Concen: 41.045 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:169 Resp: 1183335
Ion Ratio Lower Upper
169 100
168 67.1 52.5 78.7
167 36.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 40.143 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

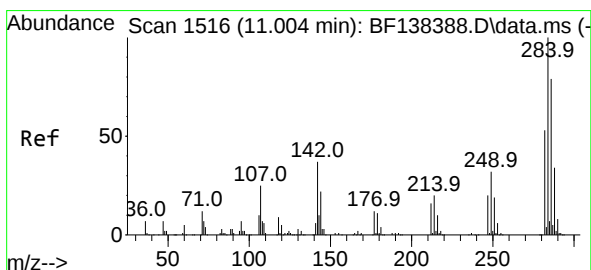
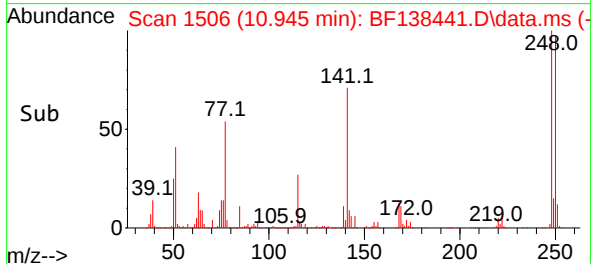
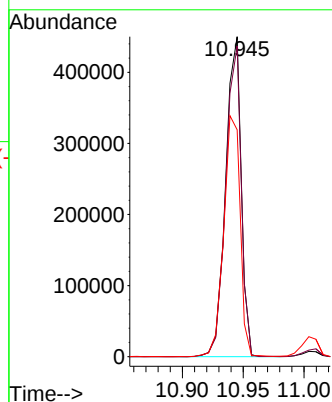
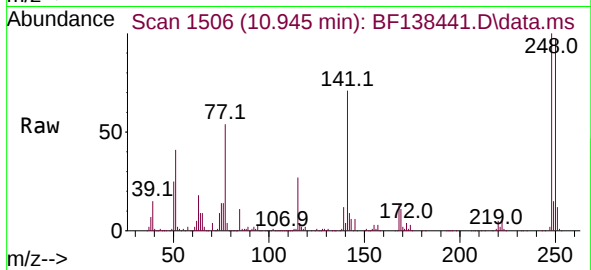
PB161624BS

Tgt Ion:248 Resp: 40070
Ion Ratio Lower Upper
248 100
250 97.1 78.2 117.4
141 70.9 67.6 101.4

Manual Integrations

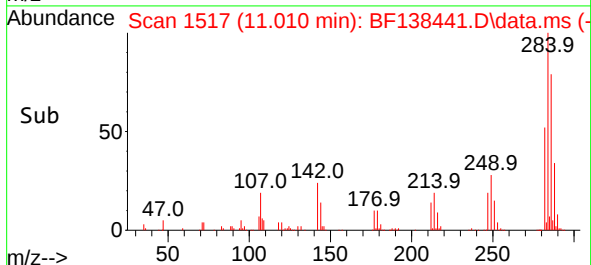
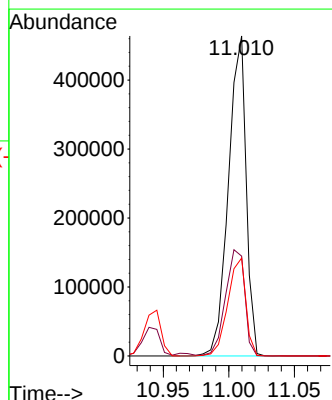
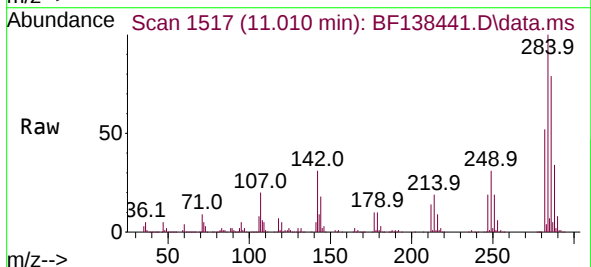
APPROVED

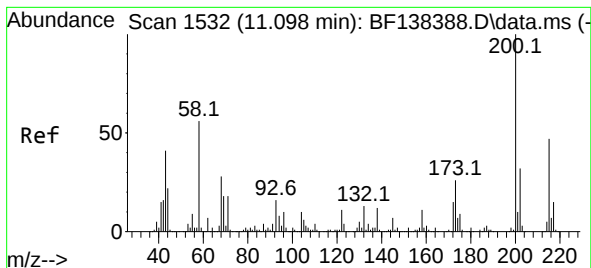
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#68
Hexachlorobenzene
Concen: 39.564 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:284 Resp: 435284
Ion Ratio Lower Upper
284 100
142 31.2 29.2 43.8
249 30.6 25.8 38.6





#69

Atrazine

Concen: 44.145 ng

RT: 11.104 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

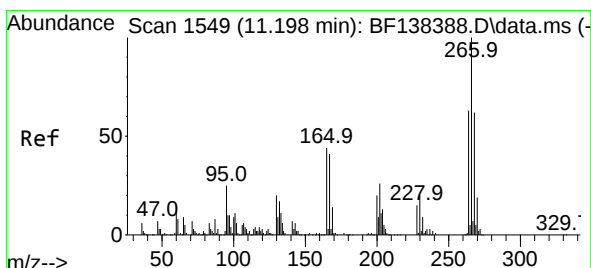
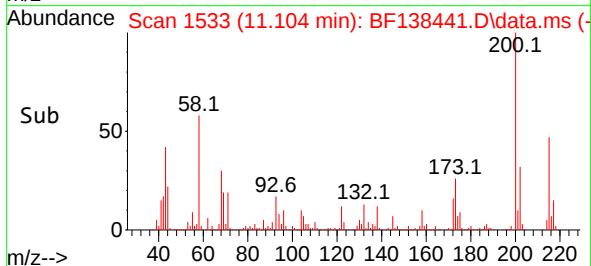
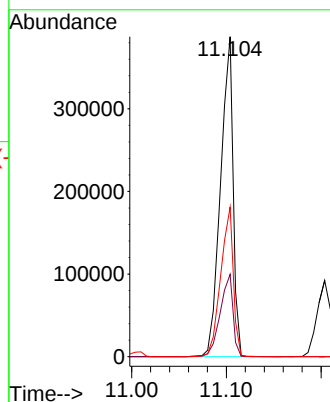
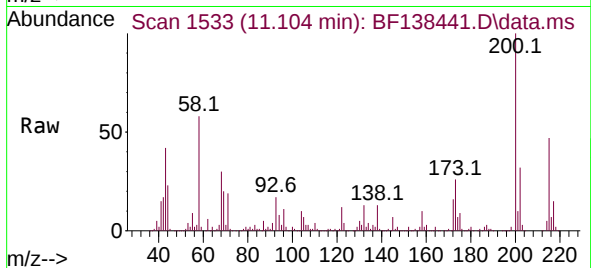
Tgt Ion:200 Resp: 35684
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.2 46.2
 215 46.7 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#70

Pentachlorophenol

Concen: 89.707 ng

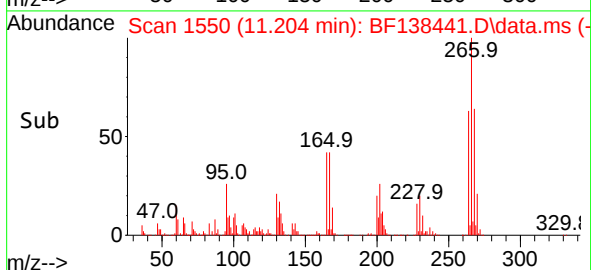
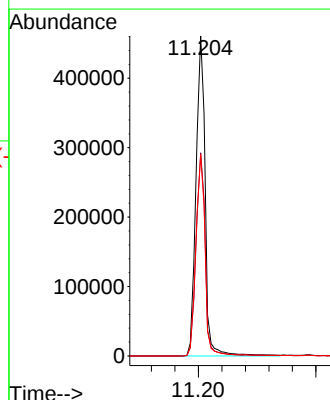
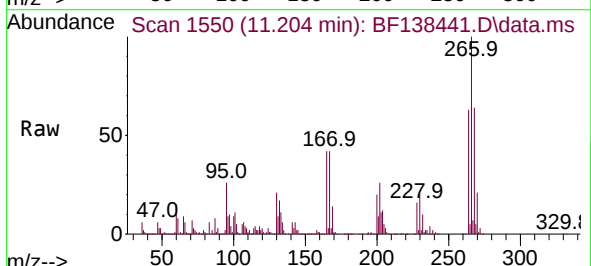
RT: 11.204 min Scan# 1550

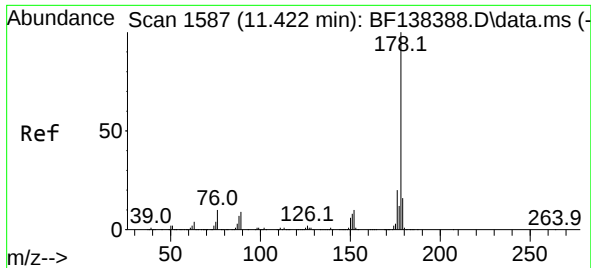
Delta R.T. 0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Tgt Ion:266 Resp: 500928
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.9 74.9
 264 62.9 50.0 75.0





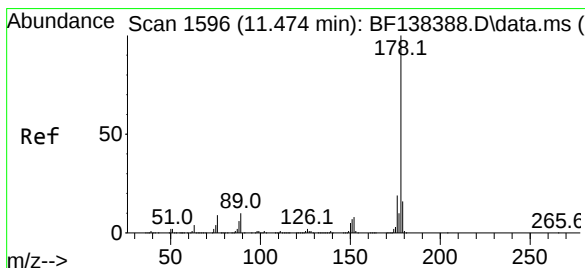
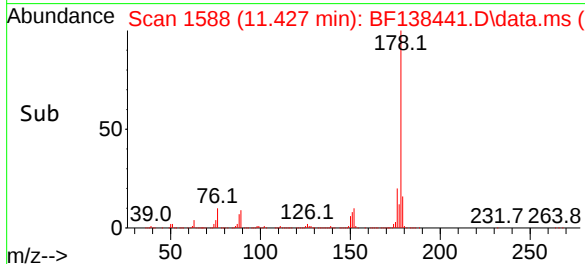
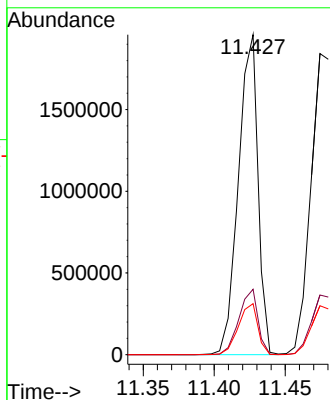
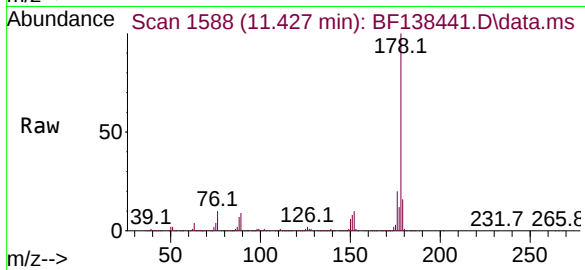
#71
Phenanthrene
Concen: 41.533 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :
BNA_F
ClientSampleId :
PB161624BS

Tgt Ion:178 Resp: 188318
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.0 12.6 18.8

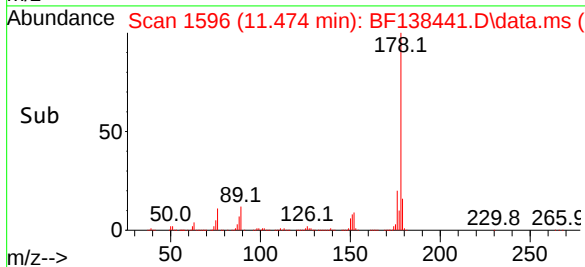
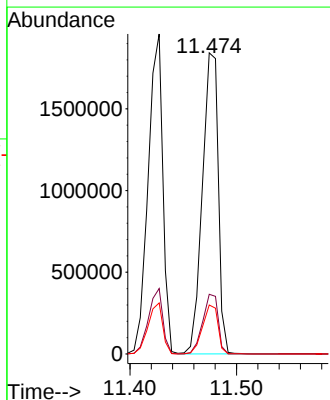
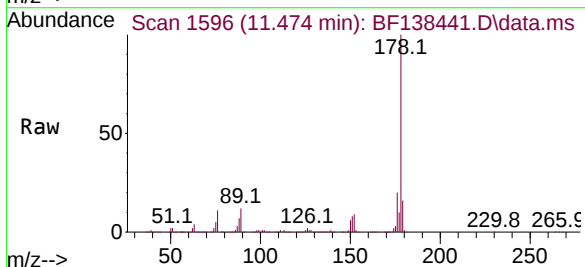
Manual Integrations
APPROVED

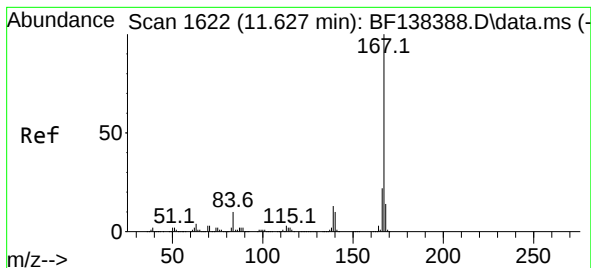
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#72
Anthracene
Concen: 42.398 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:178 Resp: 1917148
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.6
179 16.3 12.7 19.1





#73

Carbazole

Concen: 42.556 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:167 Resp: 159755

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

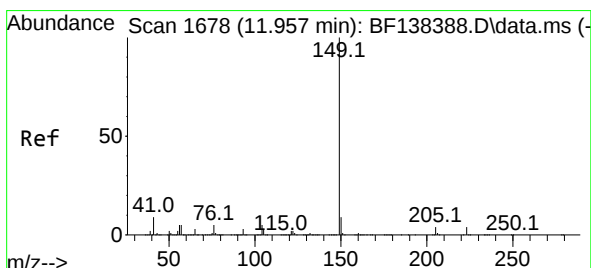
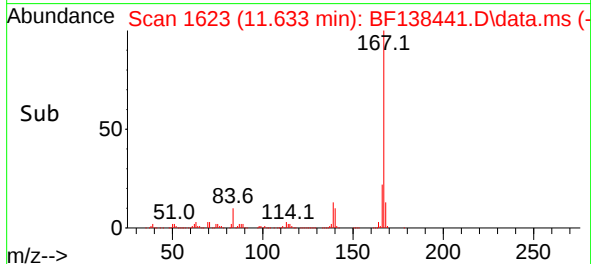
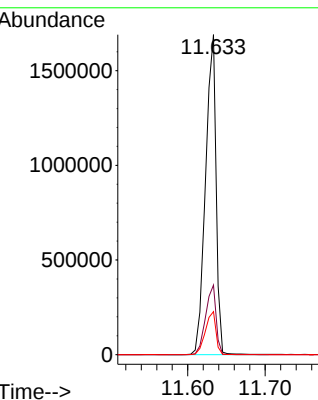
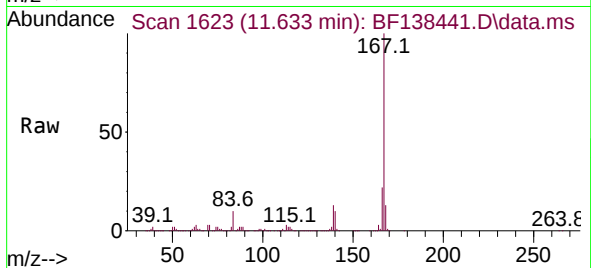
139 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#74

Di-n-butylphthalate

Concen: 43.598 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

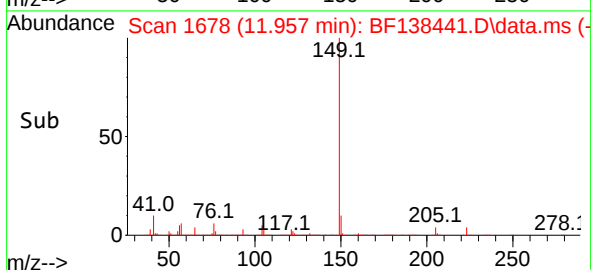
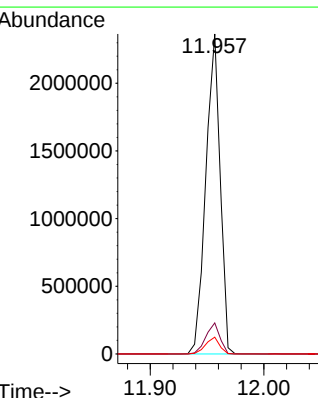
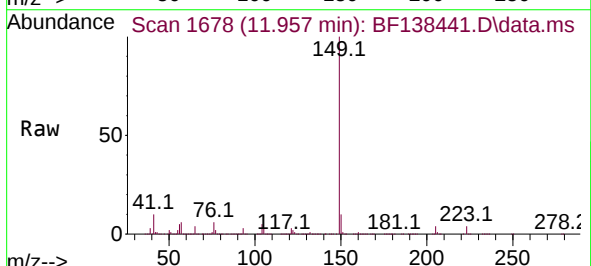
Tgt Ion:149 Resp: 2074141

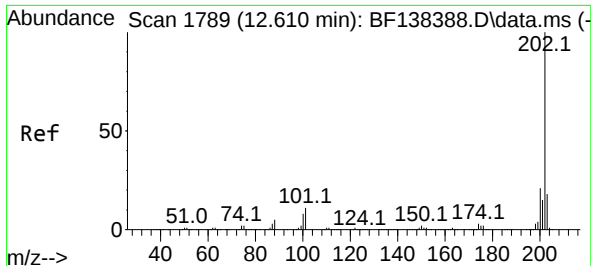
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

104 5.2 3.8 5.8





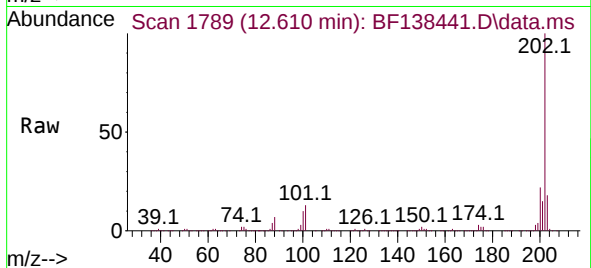
#75
Fluoranthene
Concen: 41.546 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



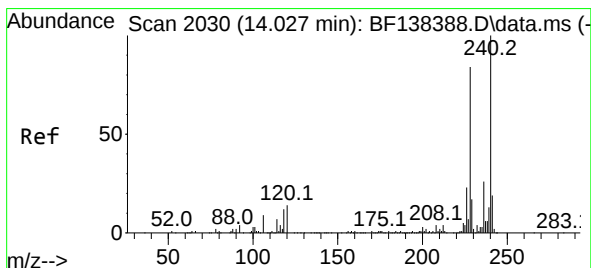
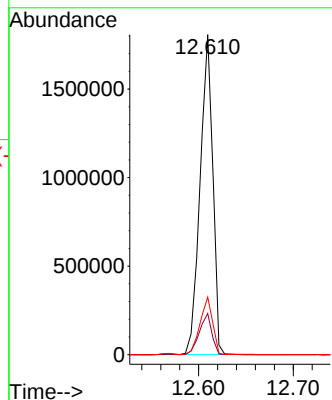
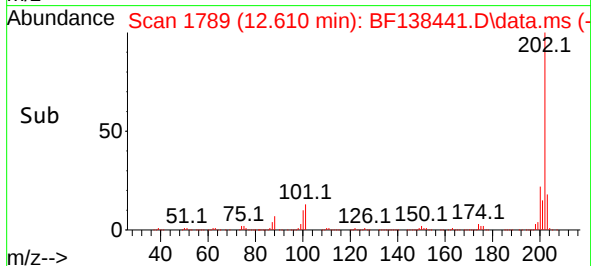
Tgt Ion:202 Resp: 168880
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.5
203 18.0 0.0 37.6

Manual Integrations

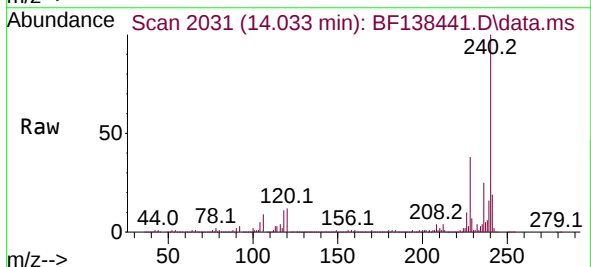
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

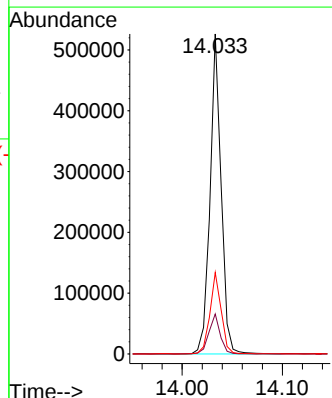
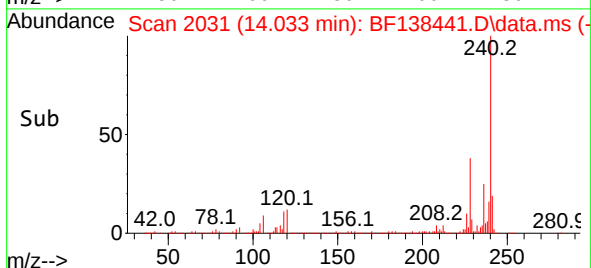
Supervised By :mohammad ahmed 07/05/2024

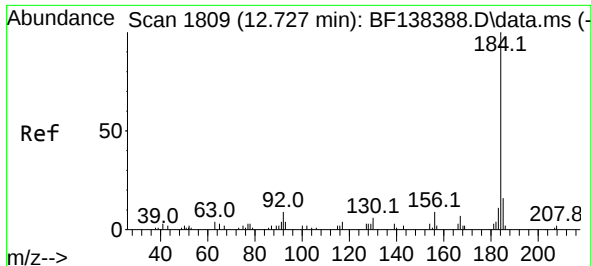


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25



Tgt Ion:240 Resp: 403387
Ion Ratio Lower Upper
240 100
120 12.5 10.9 16.3
236 25.4 20.6 30.8





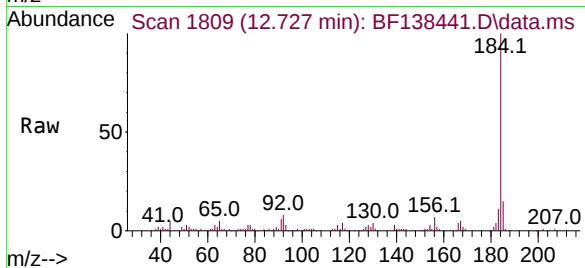
#77
Benzidine
Concen: 19.066 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



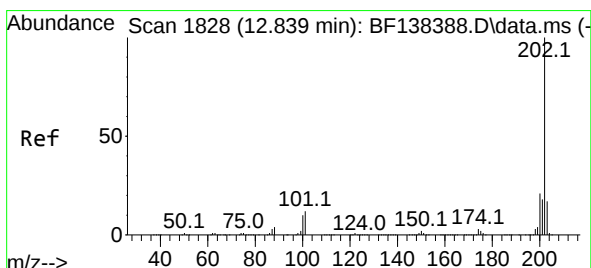
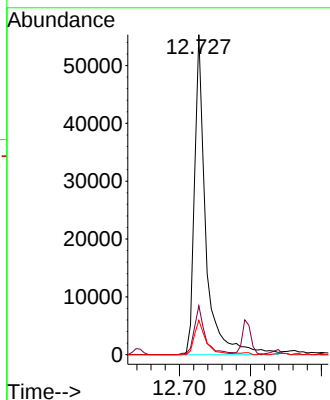
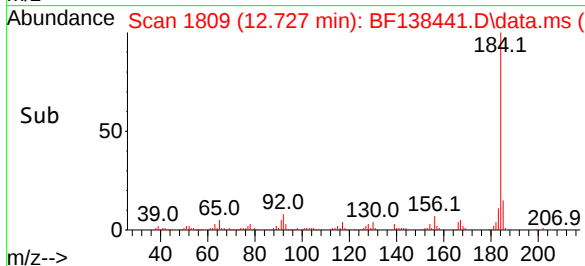
Tgt Ion:184 Resp: 61500
Ion Ratio Lower Upper
184 100
185 15.3 13.0 19.4
183 10.7 9.0 13.6

Manual Integrations

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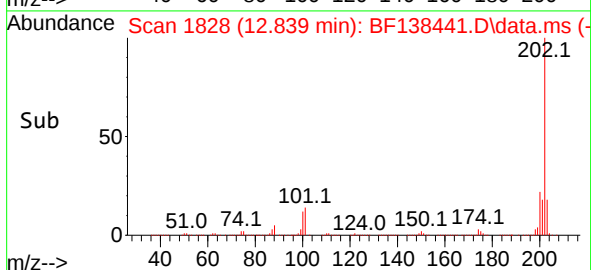
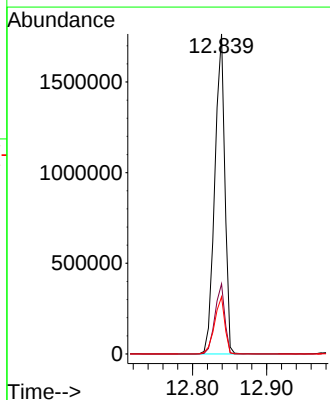
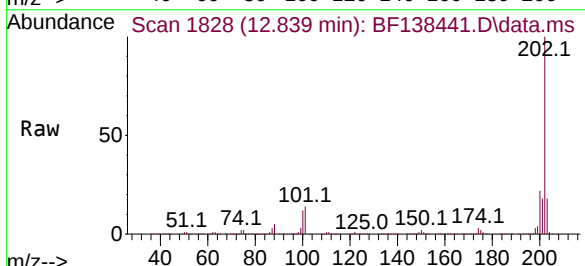
Reviewed By :Yogesh Patel 07/05/2024

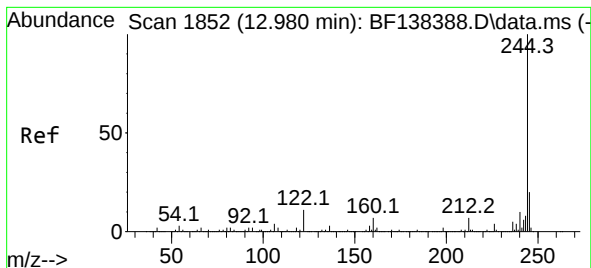
Supervised By :mohammad ahmed 07/05/2024



#78
Pyrene
Concen: 38.330 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:202 Resp: 1652538
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 72.899 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138441.D

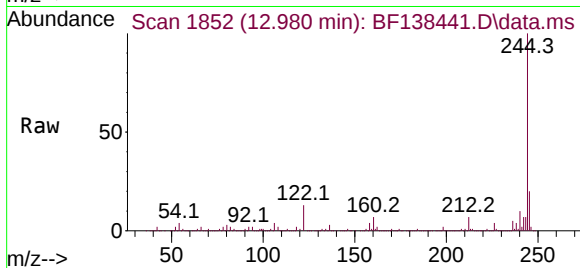
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



Tgt Ion:244 Resp: 2145798

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

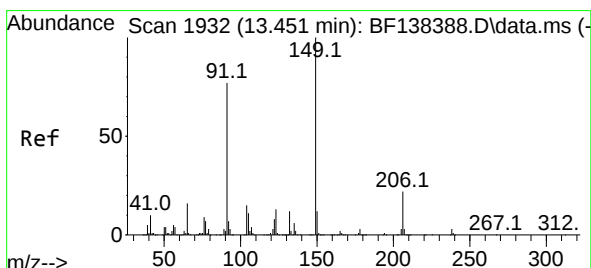
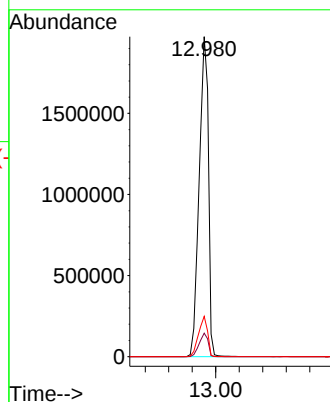
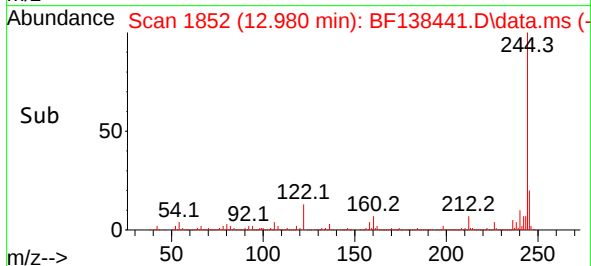
122 12.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#80

Butylbenzylphthalate

Concen: 45.568 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

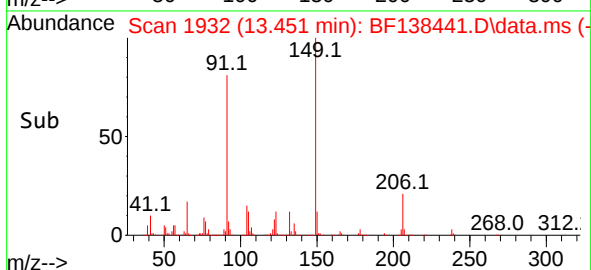
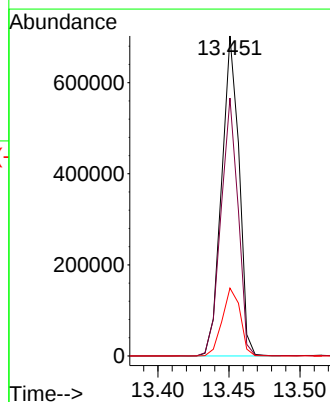
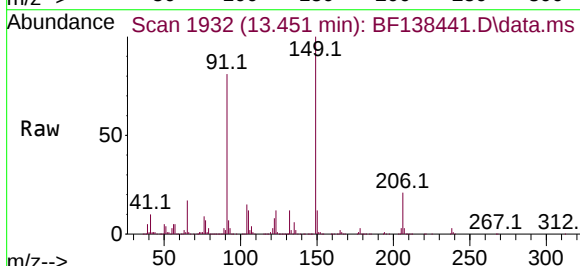
Tgt Ion:149 Resp: 597824

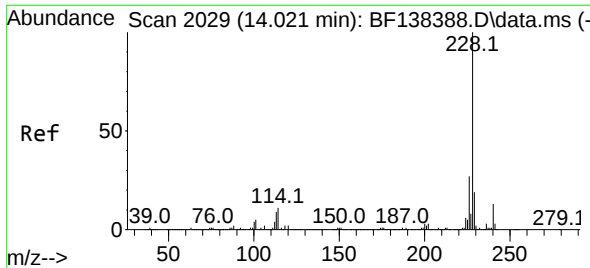
Ion Ratio Lower Upper

149 100

91 80.6 62.0 93.0

206 21.2 17.6 26.4





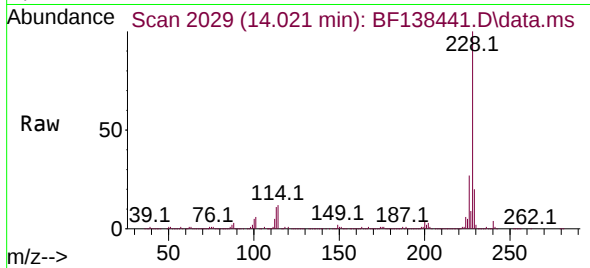
#81
Benzo(a)anthracene
Concen: 44.019 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS



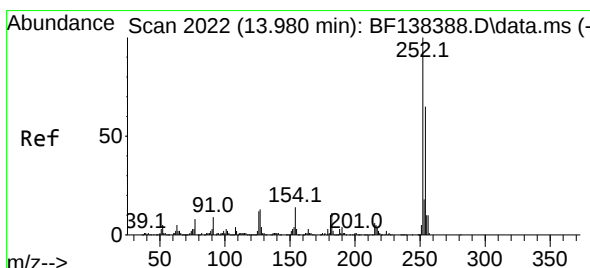
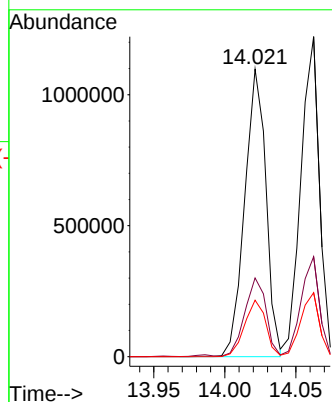
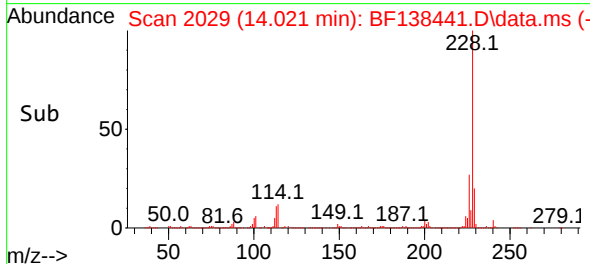
Tgt Ion:228 Resp: 1142910
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.6 15.5 23.3

Manual Integrations

APPROVED

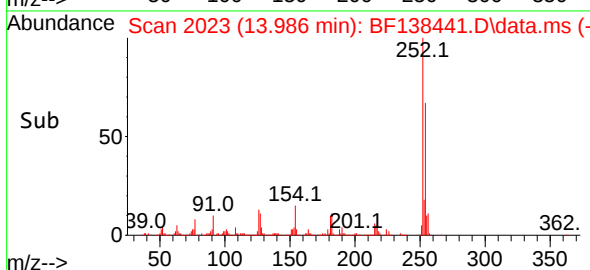
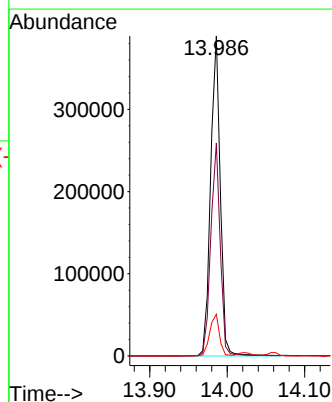
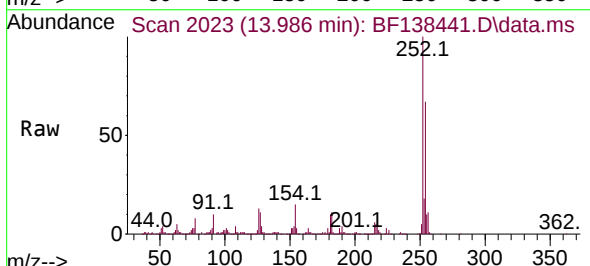
Reviewed By :Yogesh Patel 07/05/2024

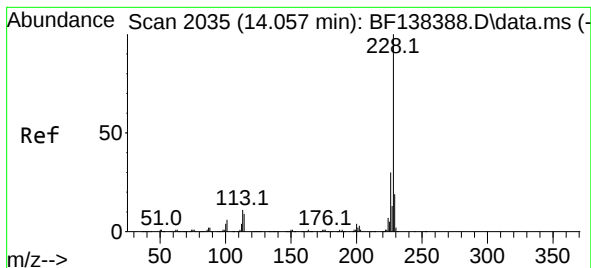
Supervised By :mohammad ahmed 07/05/2024



#82
3,3'-Dichlorobenzidine
Concen: 44.097 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:252 Resp: 338036
Ion Ratio Lower Upper
252 100
254 66.6 51.8 77.6
126 13.0 9.5 14.3





#83

Chrysene

Concen: 44.363 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:228 Resp: 1120828

Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.6

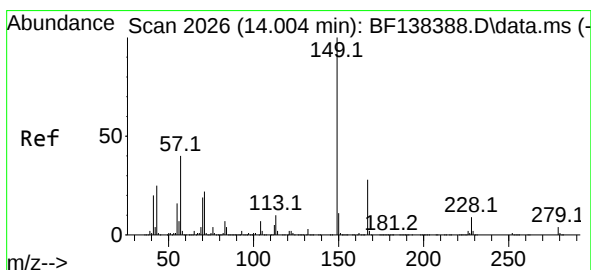
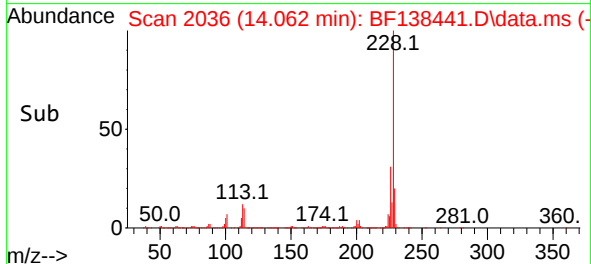
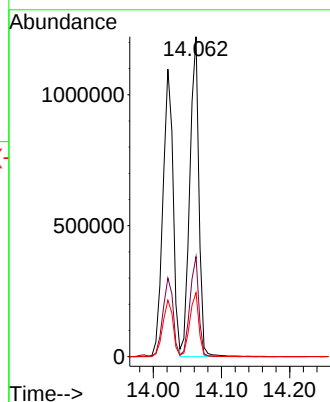
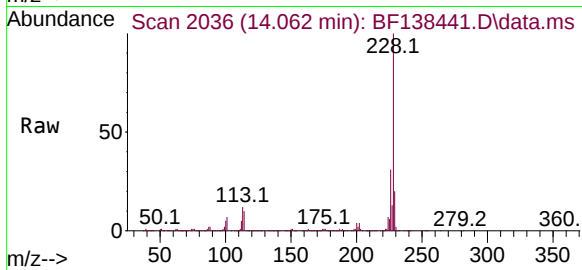
229 20.0 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.946 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

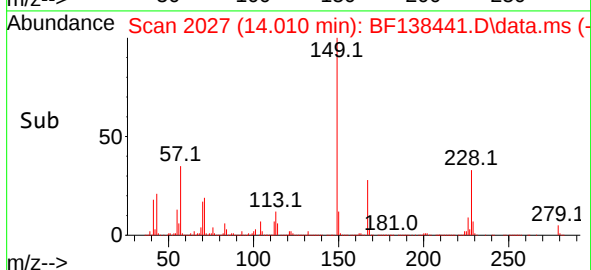
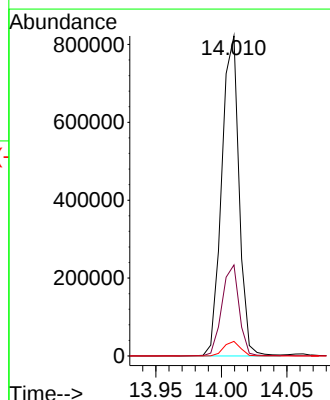
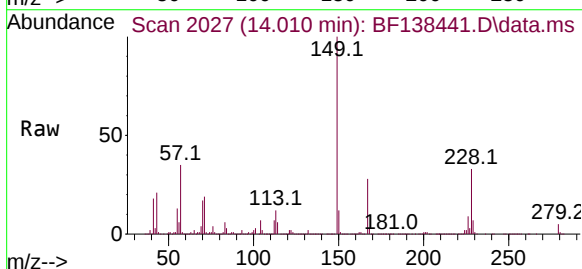
Tgt Ion:149 Resp: 755939

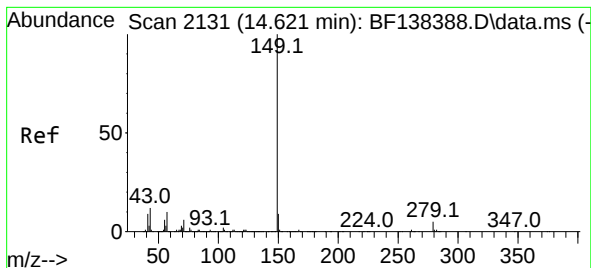
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

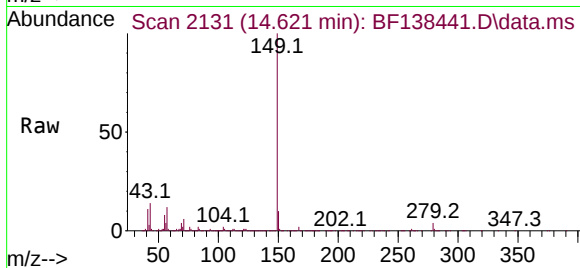
279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 49.759 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

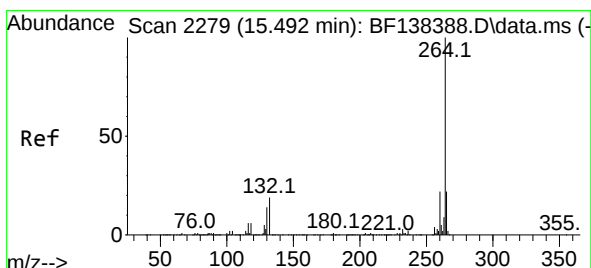
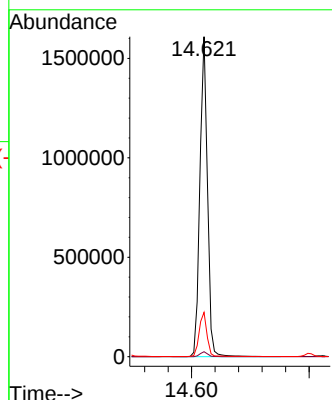
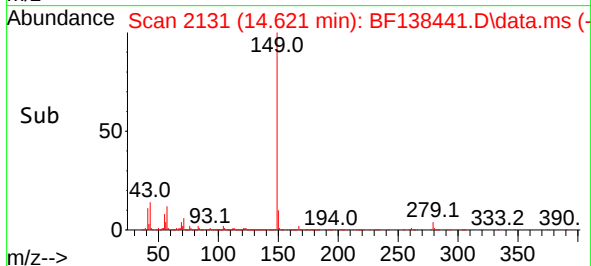
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:149 Resp: 1432945
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.3 10.9 16.3

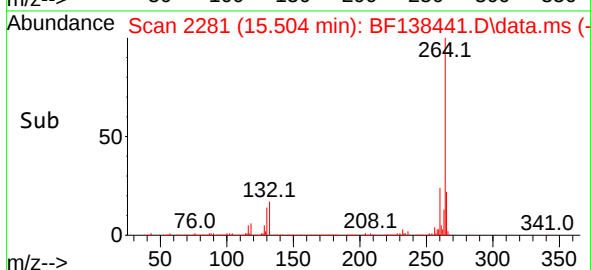
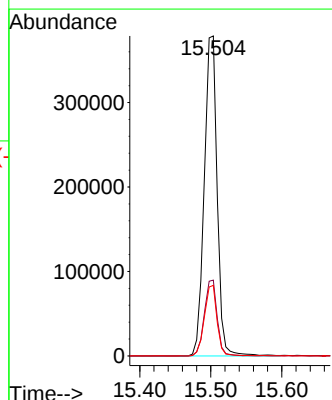
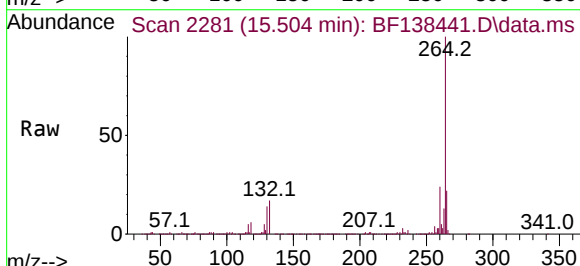
Manual Integrations
APPROVED

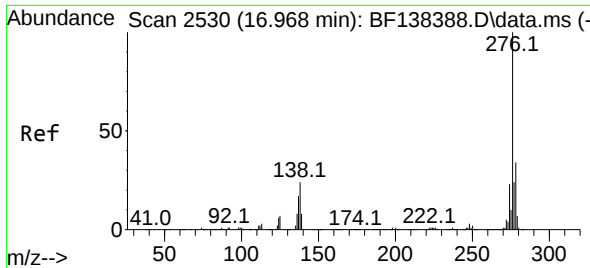
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:264 Resp: 480526
Ion Ratio Lower Upper
264 100
260 23.7 17.8 26.6
265 22.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.915 ng
RT: 16.980 min Scan# 210
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

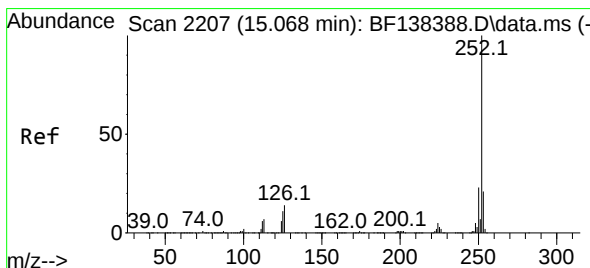
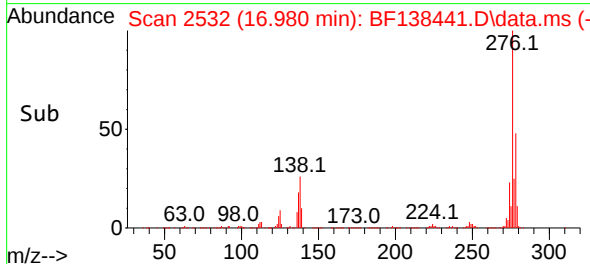
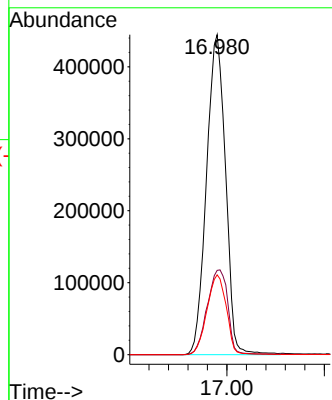
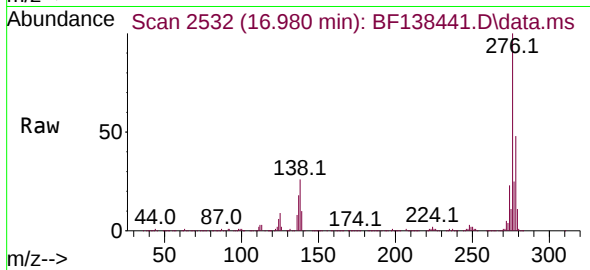
PB161624BS

Tgt Ion:276 Resp: 120515
Ion Ratio Lower Upper
276 100
138 28.7 22.1 33.1
277 25.5 20.4 30.6

Manual Integrations

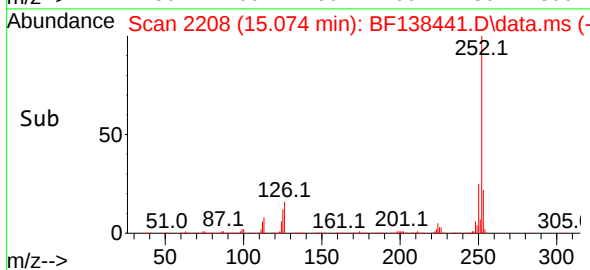
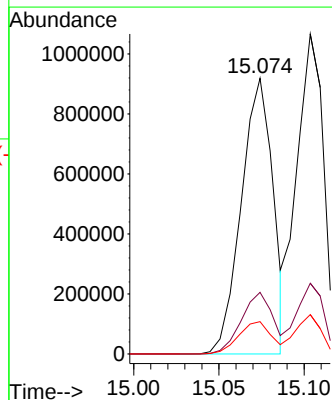
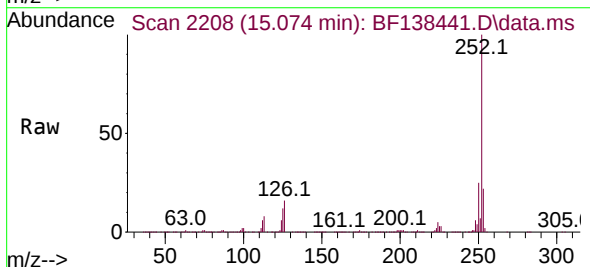
APPROVED

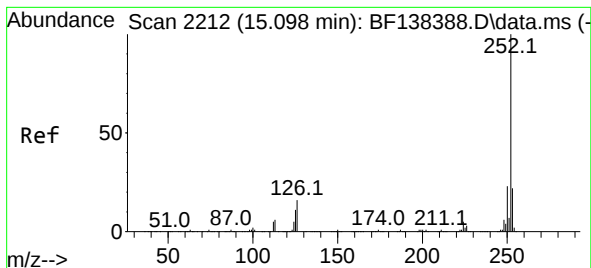
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#88
Benzo(b)fluoranthene
Concen: 45.297 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:252 Resp: 1194245
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 11.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 49.760 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:252 Resp: 120835

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

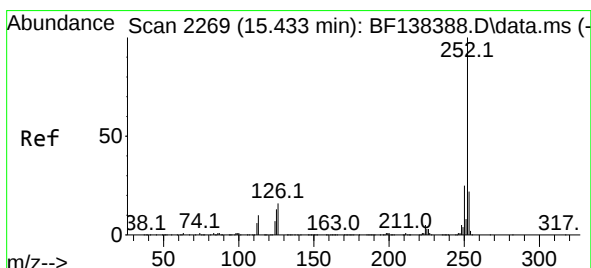
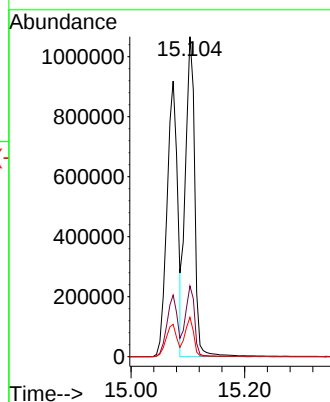
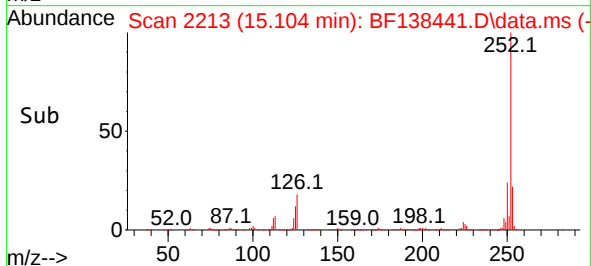
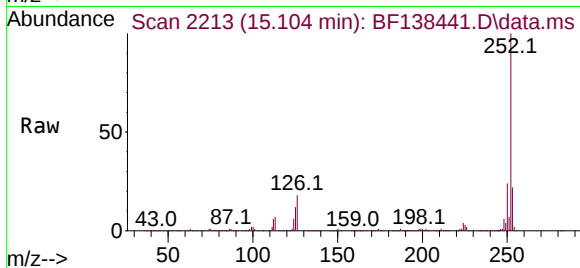
125 12.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(a)pyrene

Concen: 49.471 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF138441.D

Acq: 03 Jul 2024 12:25

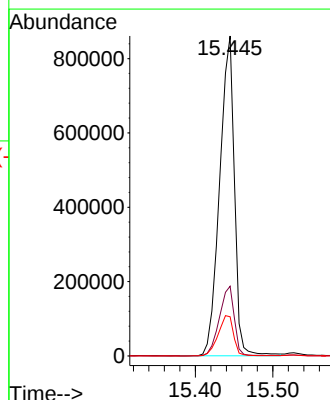
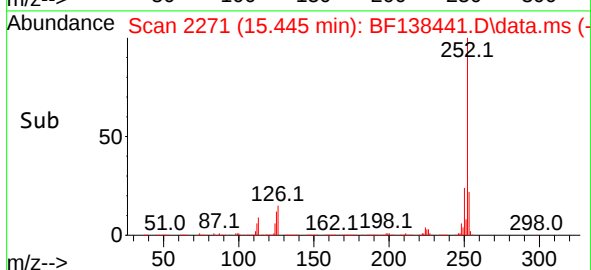
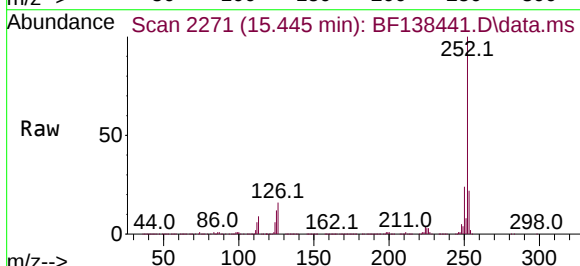
Tgt Ion:252 Resp: 1143220

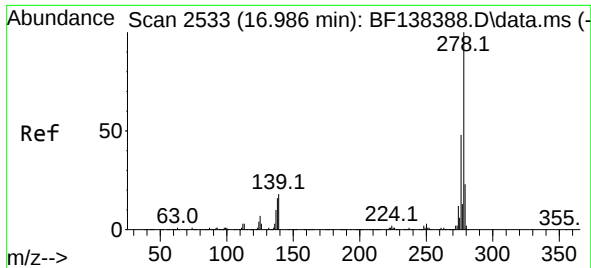
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 12.3 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 49.601 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Instrument :

BNA_F

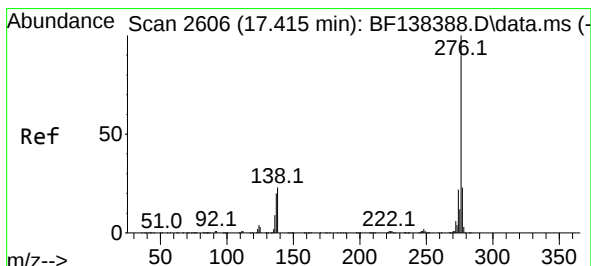
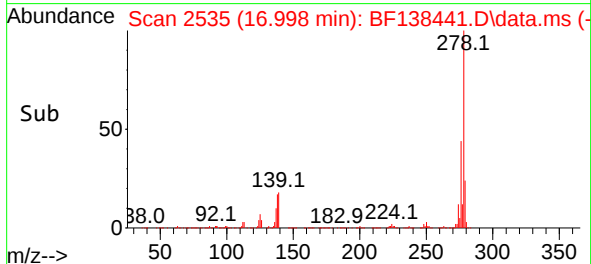
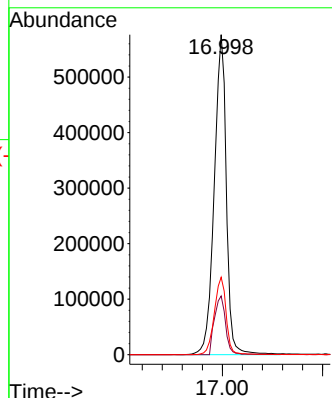
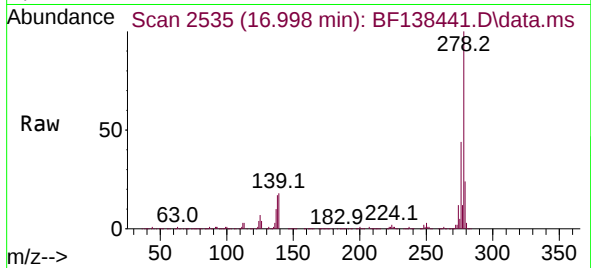
ClientSampleId :

PB161624BS

Tgt Ion:278 Resp: 966680
Ion Ratio Lower Upper
278 100
139 18.4 14.3 21.5
279 24.2 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#92
Benzo(g,h,i)perylene
Concen: 47.661 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.012 min
Lab File: BF138441.D
Acq: 03 Jul 2024 12:25

Tgt Ion:276 Resp: 908683
Ion Ratio Lower Upper
276 100
277 23.9 18.3 27.5
138 23.9 18.3 27.5

