

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136246.D
 Acq On : 28 Nov 2023 13:31
 Operator : CG\JU
 Sample : PB156974BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156974BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 28 14:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	157940	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	687585	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	346959	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	633470	20.000	ng	0.00
76) Chrysene-d12	13.986	240	290316	20.000	ng	0.00
86) Perylene-d12	15.468	264	284711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1350215	118.988	ng	0.01
7) Phenol-d6	6.445	99	1624956	114.526	ng	0.00
23) Nitrobenzene-d5	7.369	82	982083	75.476	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	508577	119.895	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2039636	75.088	ng	0.00
79) Terphenyl-d14	12.933	244	1980630	78.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	138914	32.354	ng	99
3) Pyridine	3.440	79	336448	31.744	ng	95
4) n-Nitrosodimethylamine	3.404	42	206463	38.537	ng	90
6) Aniline	6.469	93	419158	31.255	ng	98
8) 2-Chlorophenol	6.593	128	514828	41.668	ng	94
9) Benzaldehyde	6.357	77	26671	3.373	ng	93
10) Phenol	6.457	94	619333	40.687	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	454101	40.665	ng	100
12) 1,3-Dichlorobenzene	6.745	146	532383	37.969	ng	98
13) 1,4-Dichlorobenzene	6.822	146	553722	38.846	ng	97
14) 1,2-Dichlorobenzene	6.975	146	514676	38.140	ng	97
15) Benzyl Alcohol	6.951	79	411542	41.370	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	611717	39.438	ng	99
17) 2-Methylphenol	7.063	107	405818	41.778	ng	97
18) Hexachloroethane	7.316	117	189435	37.888	ng	91
19) n-Nitroso-di-n-propyla...	7.222	70	338390	39.876	ng	98
20) 3+4-Methylphenols	7.216	107	503427	39.877	ng	95
22) Acetophenone	7.216	105	717341	39.724	ng	# 97
24) Nitrobenzene	7.387	77	503832	38.210	ng	99
25) Isophorone	7.628	82	935614	39.878	ng	98
26) 2-Nitrophenol	7.698	139	248911	44.304	ng	96
27) 2,4-Dimethylphenol	7.739	122	388860	52.586	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	562590	39.642	ng	98
29) 2,4-Dichlorophenol	7.939	162	414596	41.567	ng	95
30) 1,2,4-Trichlorobenzene	8.022	180	466535	38.204	ng	98
31) Naphthalene	8.104	128	1513914	39.172	ng	99
32) Benzoic acid	7.869	122	285416	42.351	ng	97
33) 4-Chloroaniline	8.157	127	269021	20.478	ng	98
34) Hexachlorobutadiene	8.222	225	263126	36.830	ng	99
35) Caprolactam	8.534	113	112243m	40.255	ng	
36) 4-Chloro-3-methylphenol	8.639	107	431673	39.904	ng	99
37) 2-Methylnaphthalene	8.798	142	932086	38.447	ng	98
38) 1-Methylnaphthalene	8.898	142	897966	37.969	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	440016	39.849	ng	99
41) Hexachlorocyclopentadiene	8.951	237	479136	112.770	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	301701	42.096	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	305717	39.088	ng	98
46) 1,1'-Biphenyl	9.263	154	1223234	39.979	ng	99
47) 2-Chloronaphthalene	9.286	162	931639	39.209	ng	98
48) 2-Nitroaniline	9.386	65	259755	41.872	ng	94
49) Acenaphthylene	9.704	152	1442048	42.528	ng	100
50) Dimethylphthalate	9.575	163	1079027	41.147	ng	100
51) 2,6-Dinitrotoluene	9.633	165	220930	41.239	ng	96
52) Acenaphthene	9.881	154	857577	40.021	ng	99
53) 3-Nitroaniline	9.798	138	164116	30.874	ng	98
54) 2,4-Dinitrophenol	9.910	184	228068	91.534	ng	# 90
55) Dibenzofuran	10.051	168	1280017	40.143	ng	100
56) 4-Nitrophenol	9.963	139	312809	77.480	ng	98
57) 2,4-Dinitrotoluene	10.039	165	296630	41.451	ng	96
58) Fluorene	10.392	166	983731	39.332	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	264182	42.452	ng	99
60) Diethylphthalate	10.275	149	1041073	39.687	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	473896	39.016	ng	94
62) 4-Nitroaniline	10.416	138	154308	29.656	ng	98
63) Azobenzene	10.551	77	963748	39.629	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	145165	41.905	ng	87
66) n-Nitrosodiphenylamine	10.510	169	845316	41.640	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	301332	40.773	ng	96
68) Hexachlorobenzene	10.939	284	339309	39.669	ng	# 88
69) Atrazine	11.039	200	241514	40.105	ng	98
70) Pentachlorophenol	11.139	266	322087	66.617	ng	98
71) Phenanthrene	11.363	178	1491052	41.879	ng	99
72) Anthracene	11.410	178	1487853	41.671	ng	100
73) Carbazole	11.569	167	961306	31.656	ng	99
74) Di-n-butylphthalate	11.904	149	1518940	39.977	ng	99
75) Fluoranthene	12.551	202	1323764	36.625	ng	97
77) Benzidine	12.674	184	40943	8.579	ng	96
78) Pyrene	12.780	202	1310352	41.213	ng	100
80) Butylbenzylphthalate	13.410	149	417671	42.209	ng	97
81) Benzo(a)anthracene	13.974	228	883843	40.987	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	219450	42.277	ng	97
83) Chrysene	14.016	228	858569	41.236	ng	97
84) Bis(2-ethylhexyl)phtha...	13.980	149	518227	43.638	ng	# 97
85) Di-n-octyl phthalate	14.598	149	922455	47.846	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	905582	42.856	ng	100
88) Benzo(b)fluoranthene	15.033	252	906122	45.363	ng	99
89) Benzo(k)fluoranthene	15.063	252	790325	41.659	ng	100
90) Benzo(a)pyrene	15.404	252	733295	44.907	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	725174	42.769	ng	99
92) Benzo(g,h,i)perylene	17.433	276	710898	41.735	ng	99

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



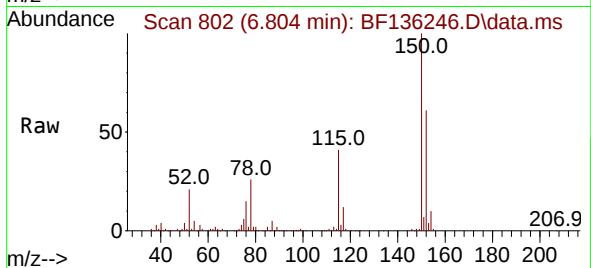
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136246.D
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PB156974BS



Tgt Ion:152 Resp: 157940
Ion Ratio Lower Upper
152 100
150 165.0 137.8 206.8
115 67.5 52.7 79.1

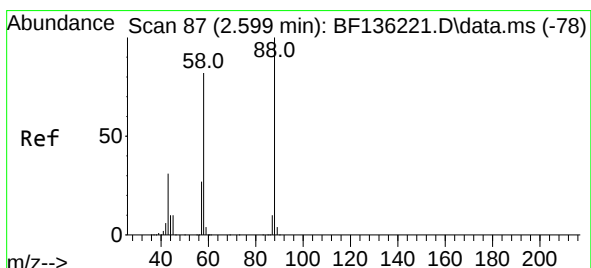
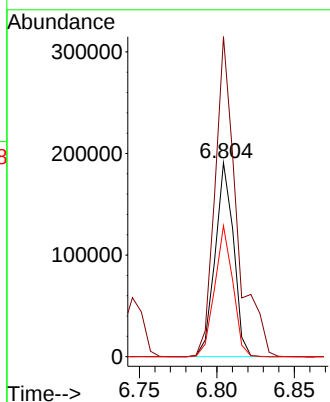
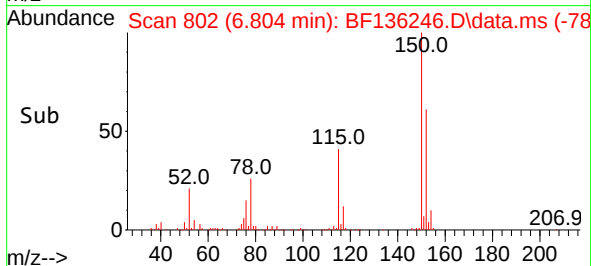
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Supervised By :mohammad ahmed 12/01/2023

11/29/2023

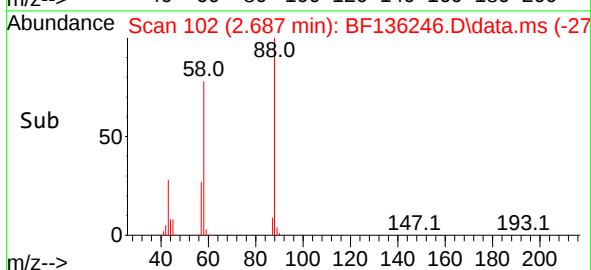
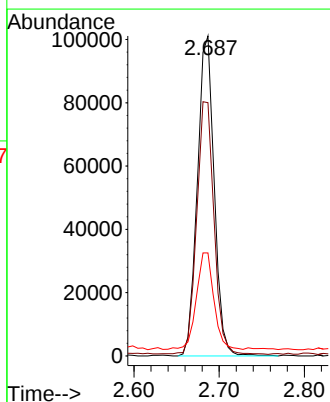
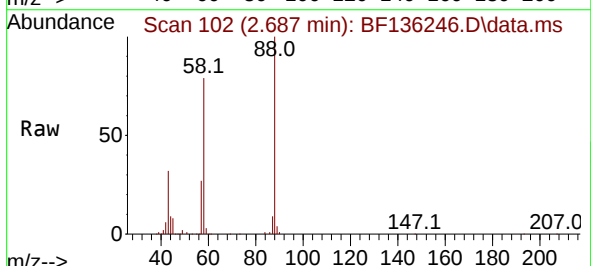
Supervised By :mohammad
ahmed

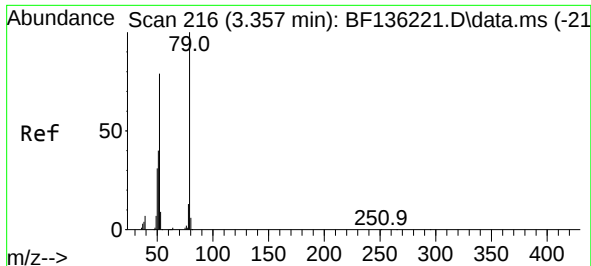
12/01/2023



#2
1,4-Dioxane
Concen: 32.354 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.088 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

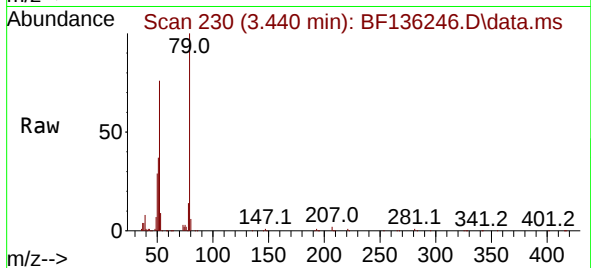
Tgt Ion: 88 Resp: 138914
Ion Ratio Lower Upper
88 100
58 81.1 65.9 98.9
43 31.3 24.8 37.2





#3
Pyridine
Concen: 31.744 ng
RT: 3.440 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

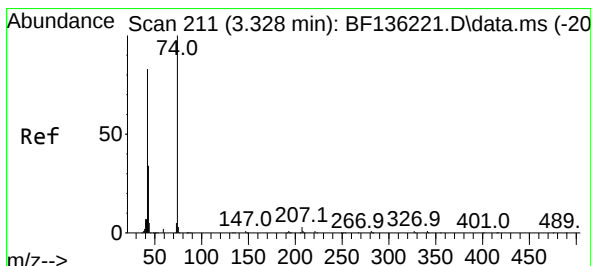
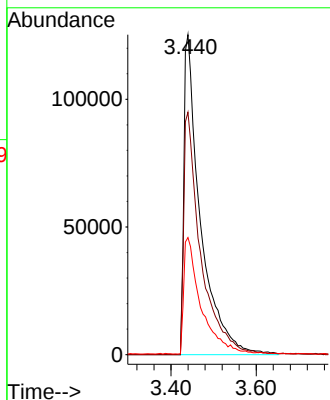
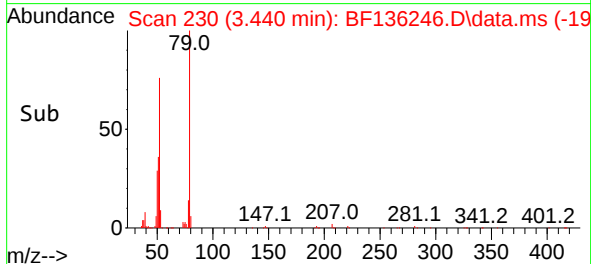
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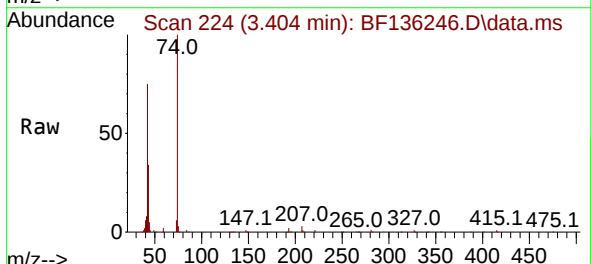
Tgt Ion: 79 Resp: 336448
Ion Ratio Lower Upper
79 100
52 75.7 63.2 94.8
51 36.6 32.6 49.0

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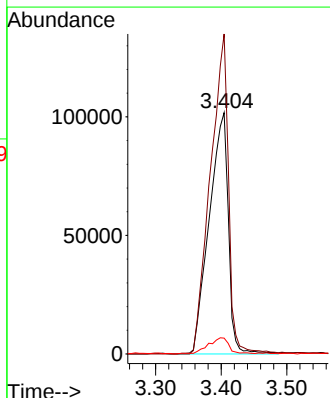
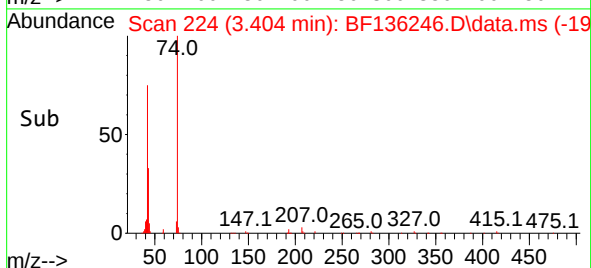
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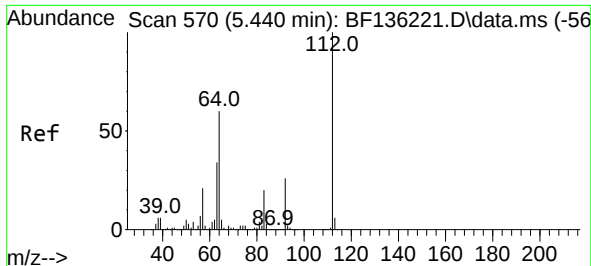


#4
n-Nitrosodimethylamine
Concen: 38.537 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.077 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion: 42 Resp: 206463
Ion Ratio Lower Upper
42 100
74 132.6 96.6 144.8
44 6.5 5.4 8.2





#5
2-Fluorophenol
Concen: 118.988 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

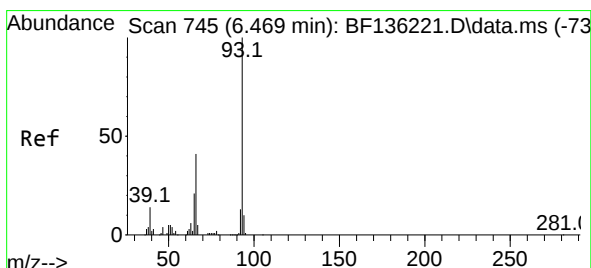
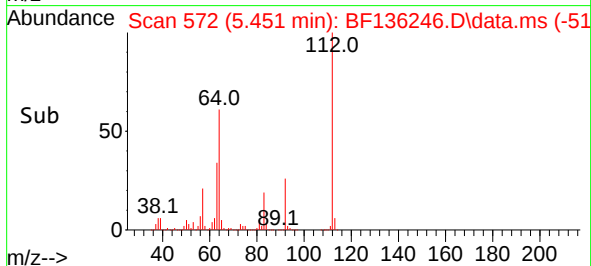
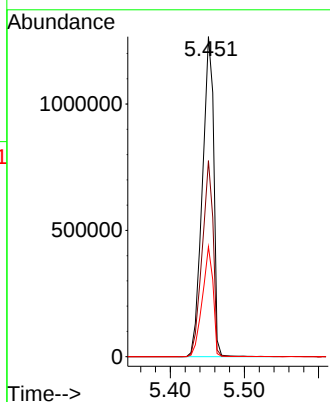
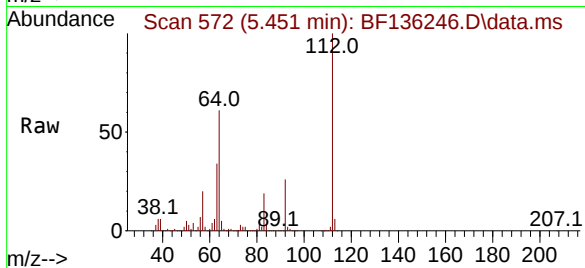
ClientSampleId :

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Tgt Ion:112 Resp: 135021
Ion Ratio Lower Upper
112 100
64 61.3 48.2 72.4
63 34.3 27.0 40.6

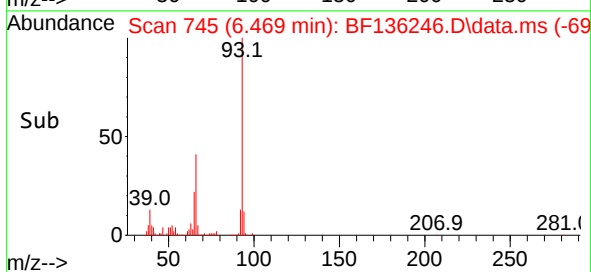
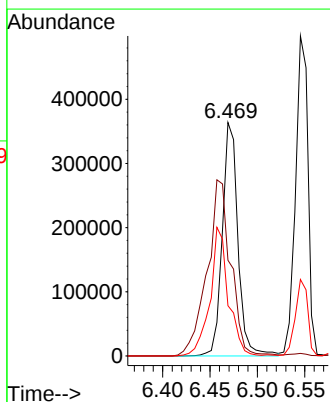
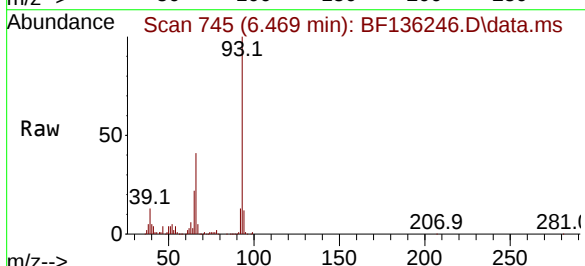
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#6
Aniline
Concen: 31.255 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

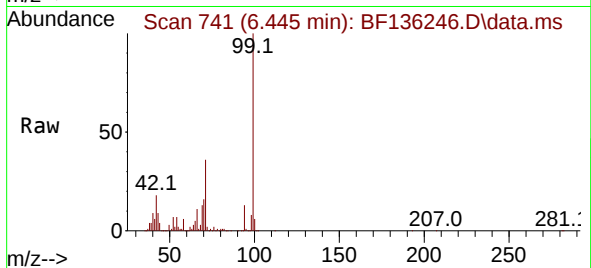
Tgt Ion: 93 Resp: 419158
Ion Ratio Lower Upper
93 100
66 41.0 34.1 51.1
65 21.5 17.3 25.9





#7
Phenol-d6
Concen: 114.526 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

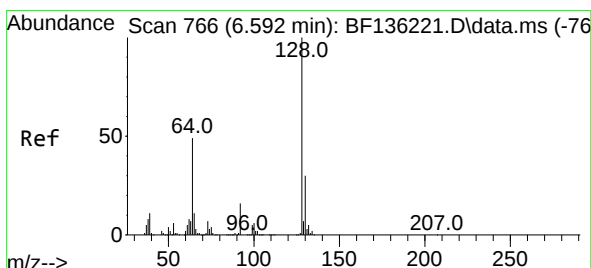
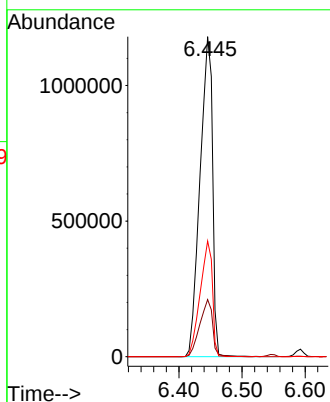
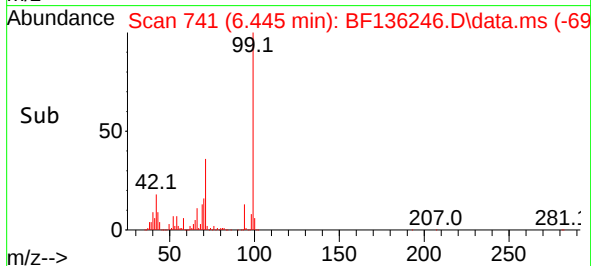
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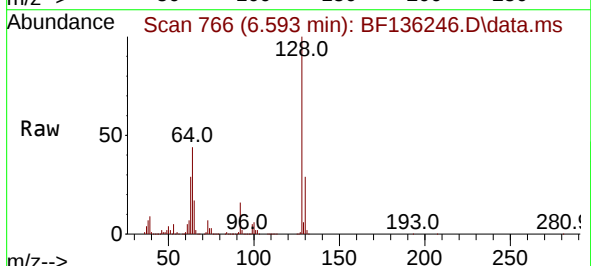
Tgt Ion: 99 Resp: 1624950
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.6
71 36.1 28.9 43.3

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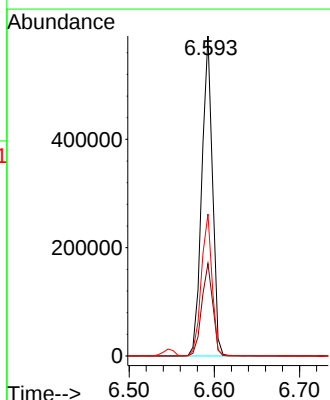
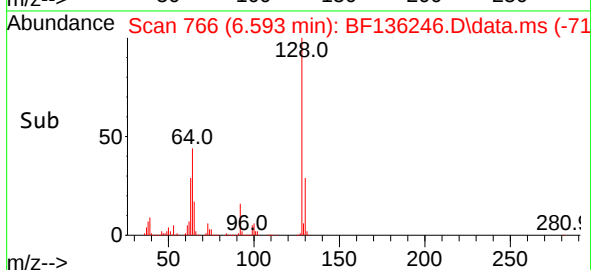
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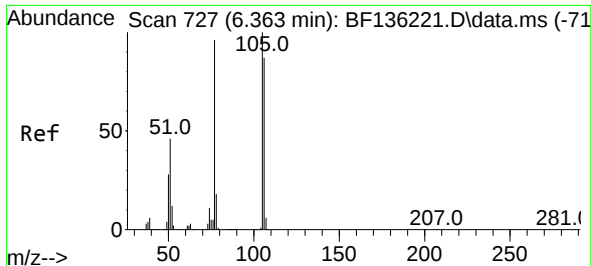


#8
2-Chlorophenol
Concen: 41.668 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136246.D
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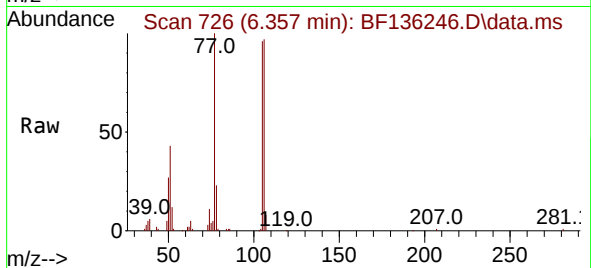
Tgt Ion:128 Resp: 514828
Ion Ratio Lower Upper
128 100
130 28.9 10.3 50.3
64 44.3 30.0 70.0





#9
Benzaldehyde
Concen: 3.373 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

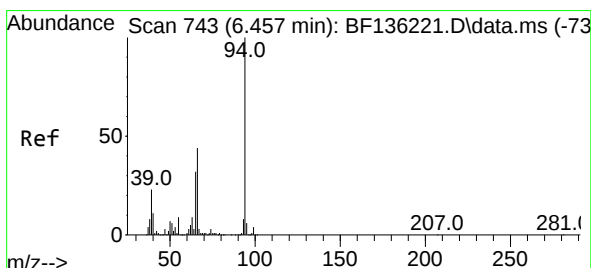
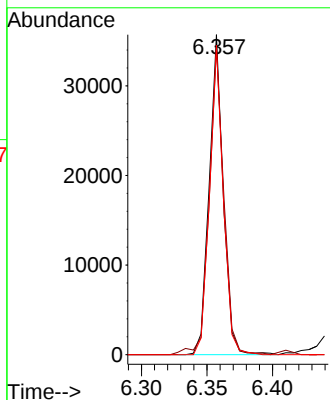
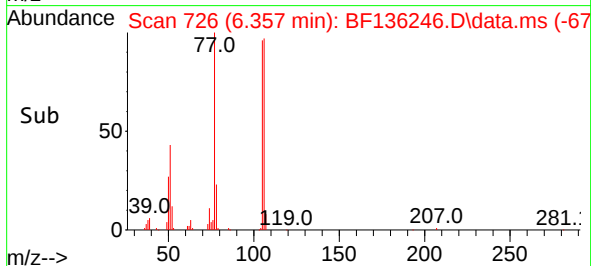
Instrument :
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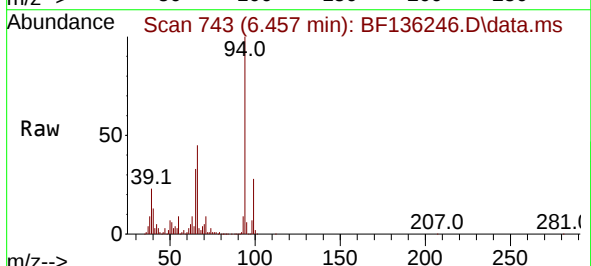
Tgt Ion: 77 Resp: 2667
Ion Ratio Lower Upper
77 100
105 95.9 84.3 124.3
106 96.8 71.0 111.0

Manual Integrations
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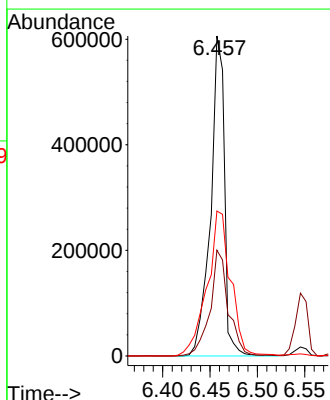
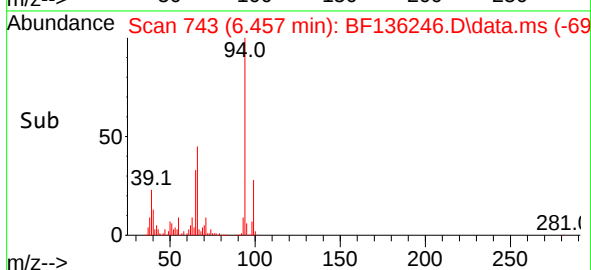
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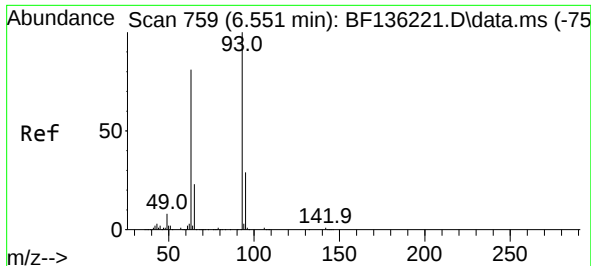


#10
Phenol
Concen: 40.687 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion: 94 Resp: 619333
Ion Ratio Lower Upper
94 100
65 33.1 12.5 52.5
66 45.3 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 40.665 ng

RT: 6.545 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

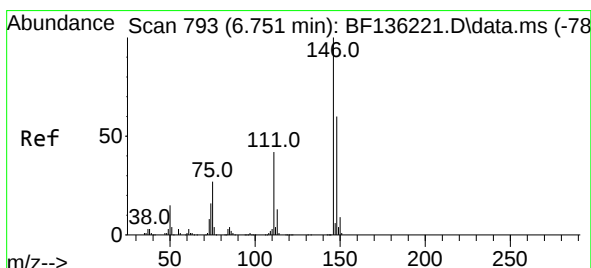
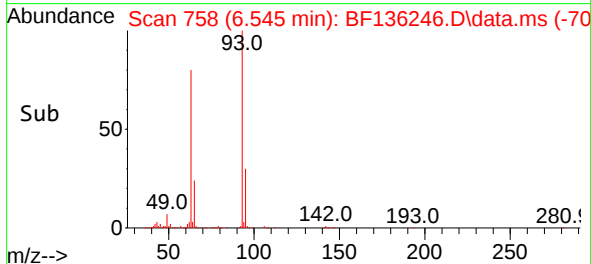
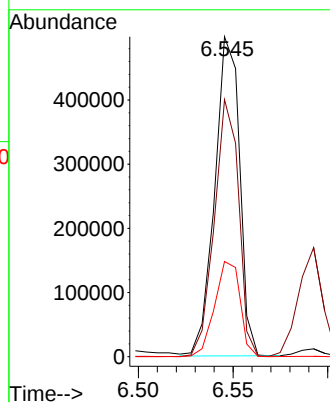
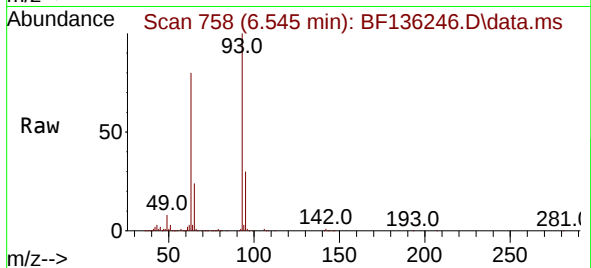
Tgt Ion: 93 Resp: 45410
 Ion Ratio Lower Upper
 93 100
 63 80.4 60.2 100.2
 95 29.7 9.1 49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#12

1,3-Dichlorobenzene

Concen: 37.969 ng

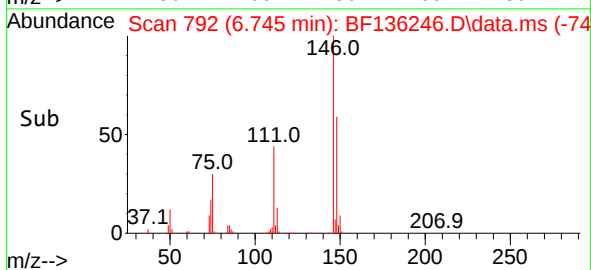
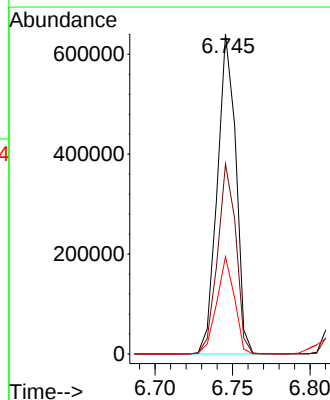
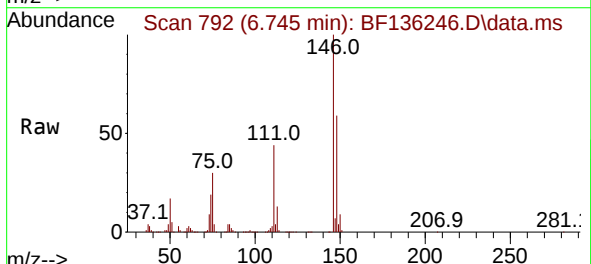
RT: 6.745 min Scan# 792

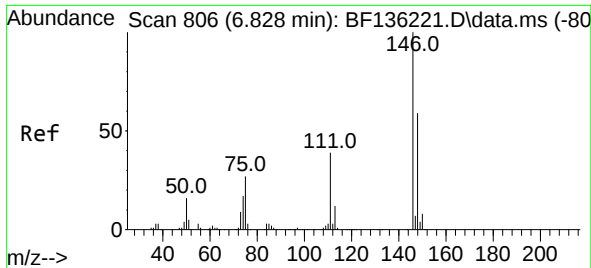
Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Tgt Ion:146 Resp: 532383
 Ion Ratio Lower Upper
 146 100
 148 59.4 47.8 71.6
 75 30.4 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 38.846 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

Tgt Ion:146 Resp: 55372

Ion Ratio Lower Upper

146 100

148 57.1 47.0 70.6

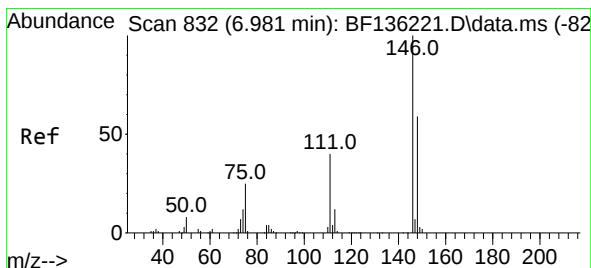
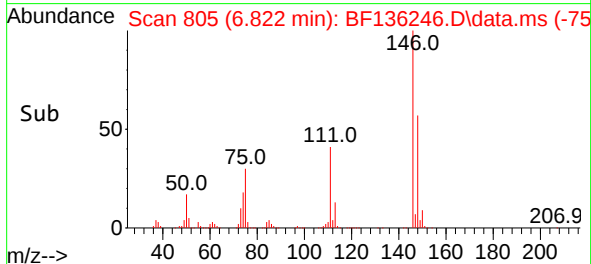
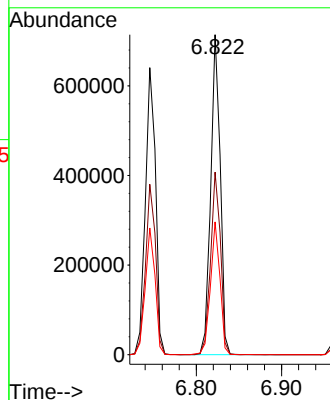
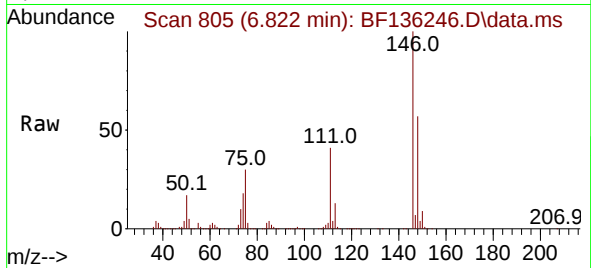
111 41.5 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 38.140 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

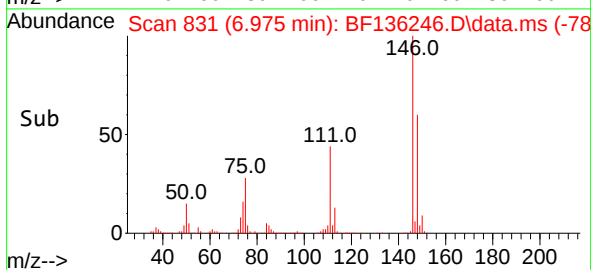
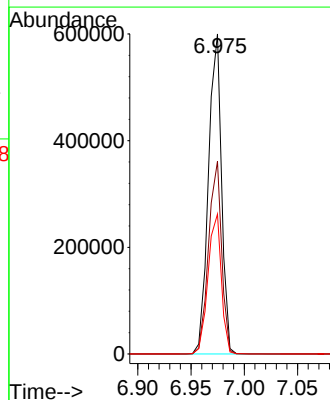
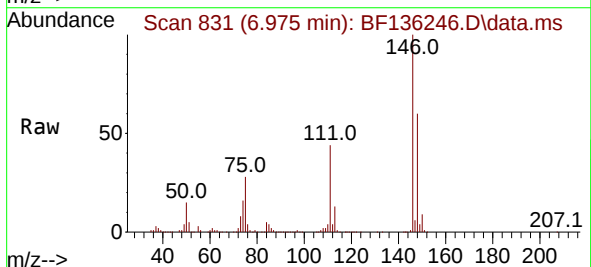
Tgt Ion:146 Resp: 514676

Ion Ratio Lower Upper

146 100

148 60.2 47.3 70.9

111 43.7 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.370 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

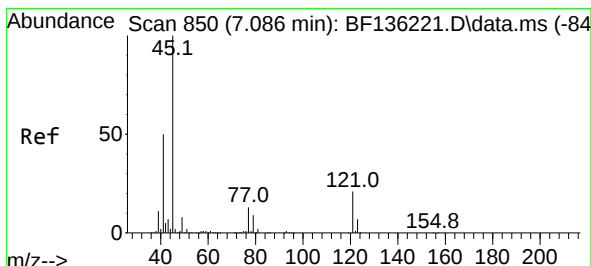
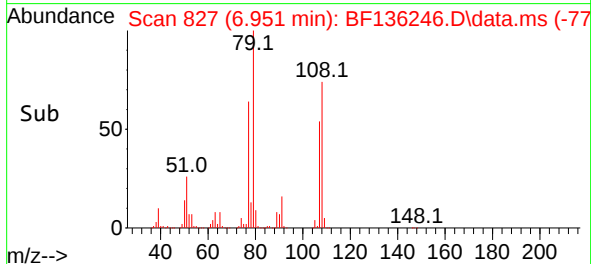
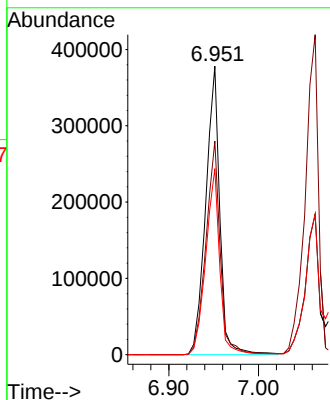
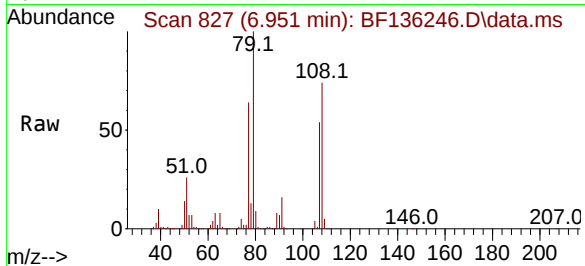
ClientSampleId :

PB156974BS

Tgt Ion: 79 Resp: 41154
Ion Ratio Lower Upper
79 100
108 74.0 58.1 87.1
77 64.5 51.8 77.8

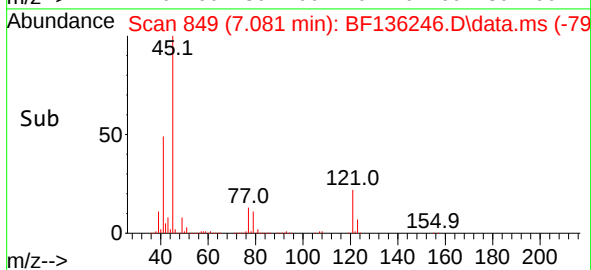
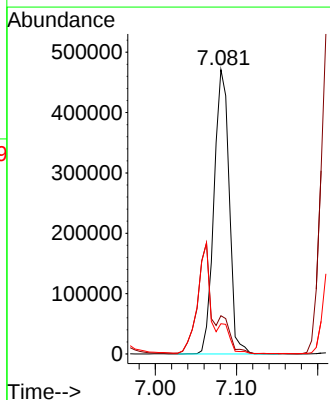
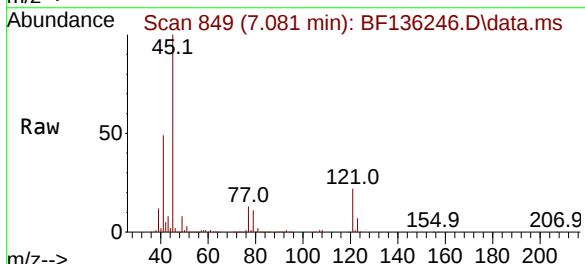
Manual Integrations
APPROVED

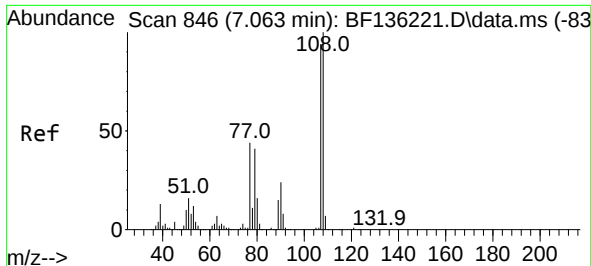
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.438 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion: 45 Resp: 611717
Ion Ratio Lower Upper
45 100
77 13.5 0.0 34.0
79 10.7 0.0 30.1





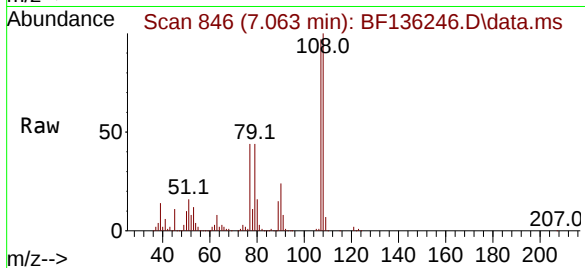
#17
2-Methylphenol
Concen: 41.778 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

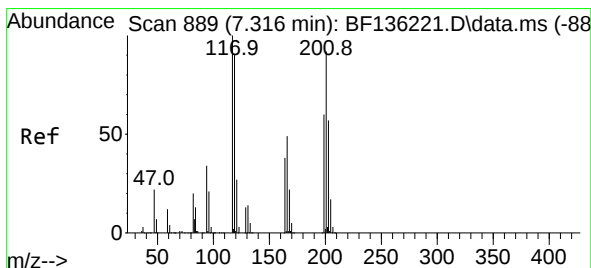
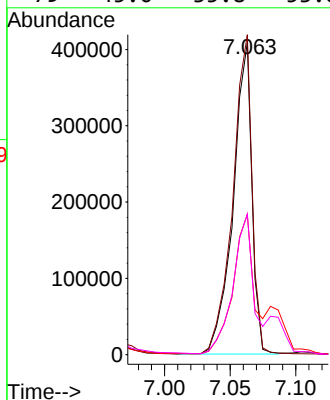
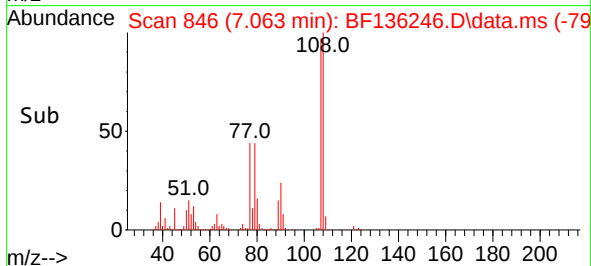


Tgt Ion:107 Resp: 405818
Ion Ratio Lower Upper
107 100
108 102.6 85.4 128.0
77 45.0 37.4 56.2
79 45.0 35.8 53.8

Manual Integrations

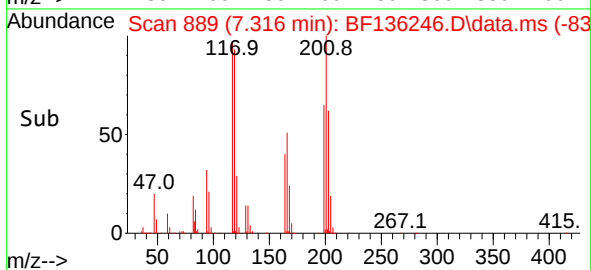
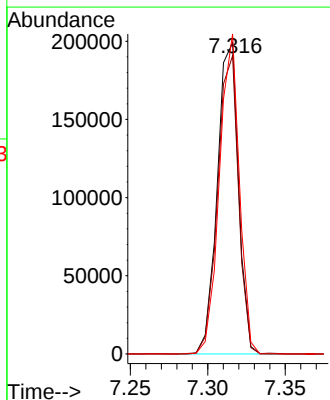
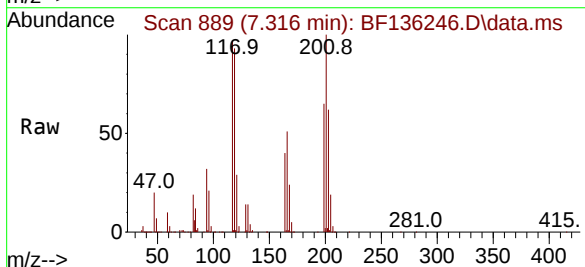
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 37.888 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

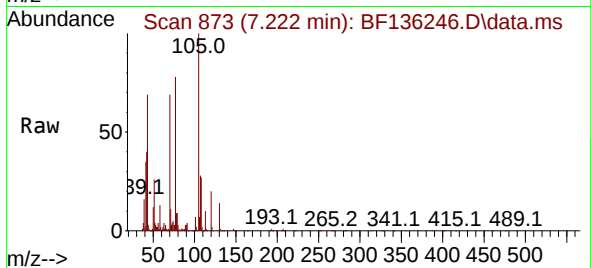
Tgt Ion:117 Resp: 189435
Ion Ratio Lower Upper
117 100
119 95.8 71.6 107.4
201 102.8 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.876 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

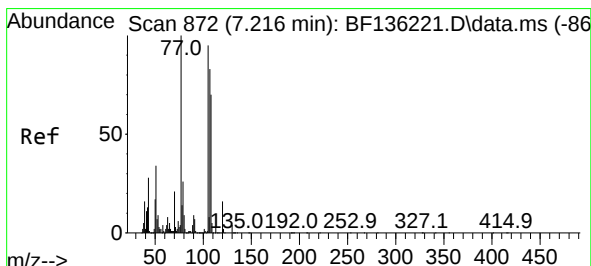
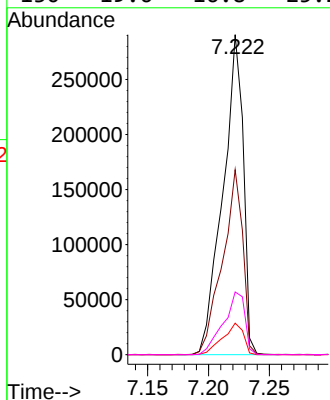
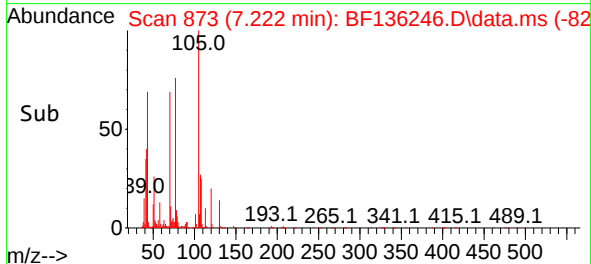
Instrument :
BNA_F
ClientSampleId :
PB156974BS



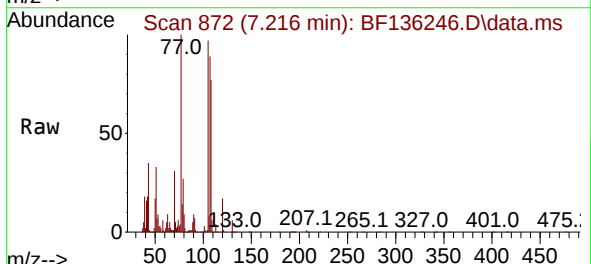
Tgt Ion: 70 Resp: 338390
Ion Ratio Lower Upper
70 100
42 57.8 47.0 70.4
101 9.8 7.8 11.8
130 19.6 16.8 25.2

Manual Integrations
APPROVED

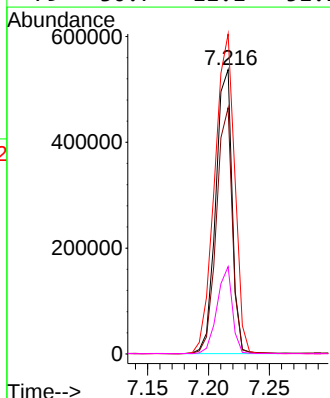
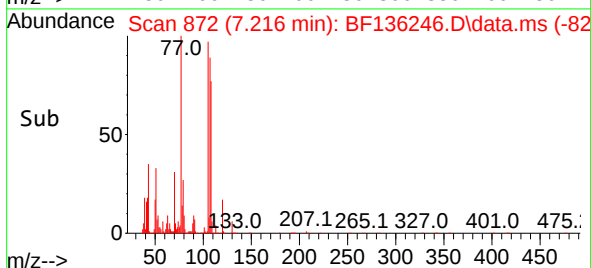
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#20
3+4-Methylphenols
Concen: 39.877 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:107 Resp: 503427
Ion Ratio Lower Upper
107 100
108 86.6 63.9 103.9
77 112.5 100.2 140.2
79 30.7 11.1 51.1





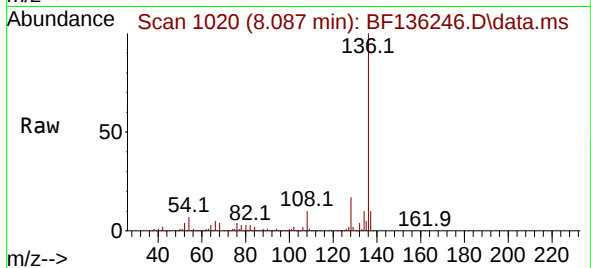
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

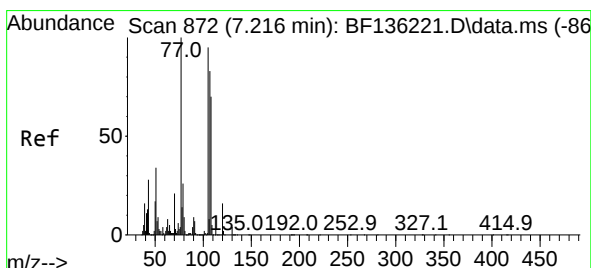
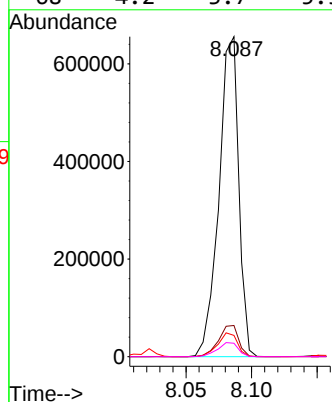
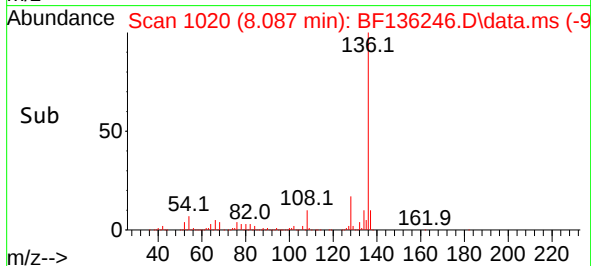


Tgt Ion:136 Resp: 687589
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 6.6 5.5 8.3
68 4.2 3.7 5.5

Manual Integrations

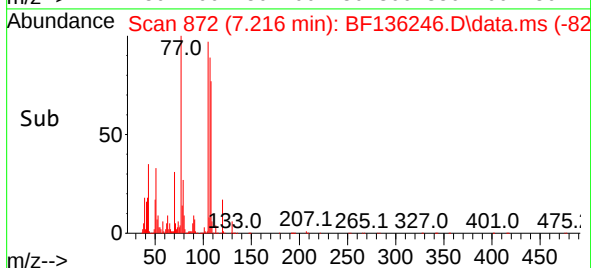
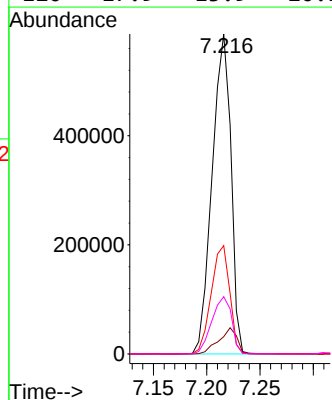
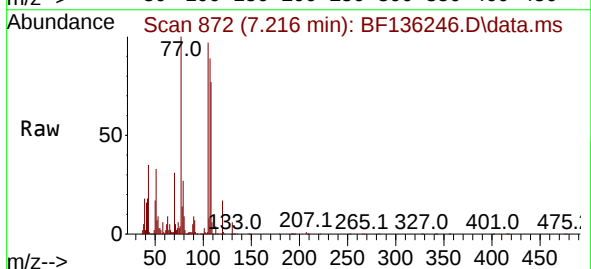
APPROVED

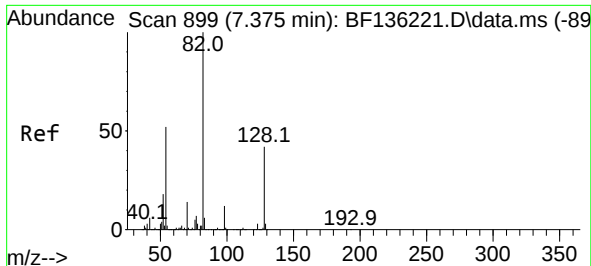
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 39.724 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:105 Resp: 717341
Ion Ratio Lower Upper
105 100
71 5.4 2.8 4.2#
51 33.8 29.0 43.6
120 17.9 13.9 20.9





#23
Nitrobenzene-d5
Concen: 75.476 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

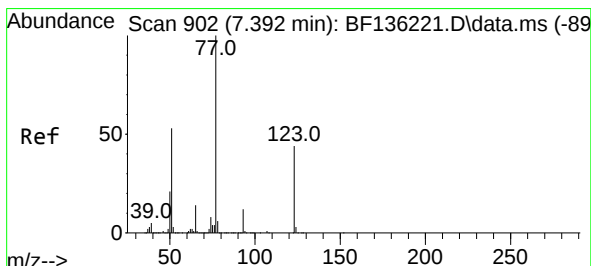
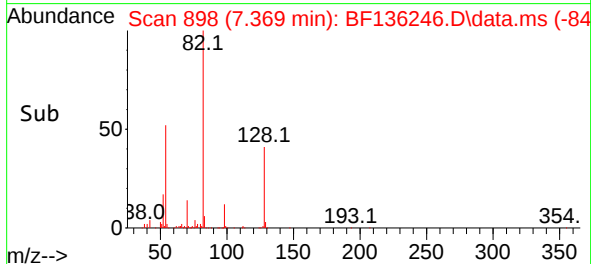
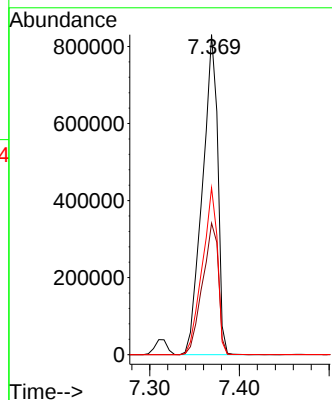
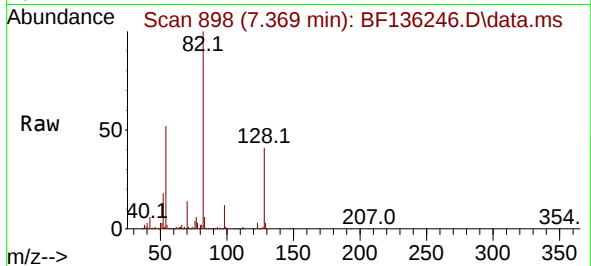
ClientSampleId :

PB156974BS

Tgt Ion: 82 Resp: 98208
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.2
54 52.2 41.7 62.5

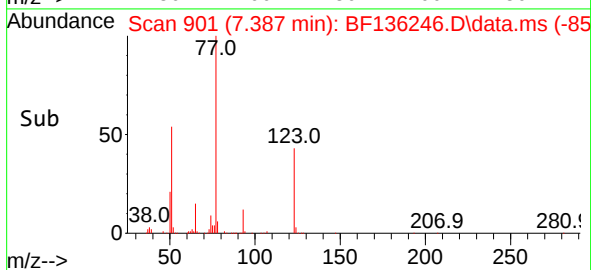
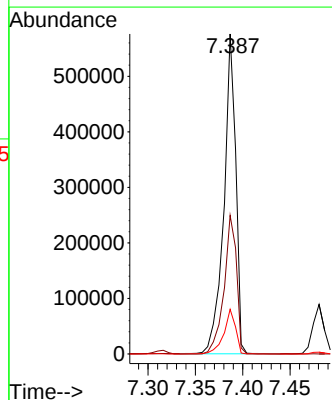
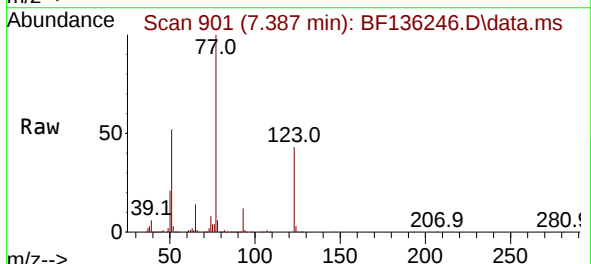
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#24
Nitrobenzene
Concen: 38.210 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

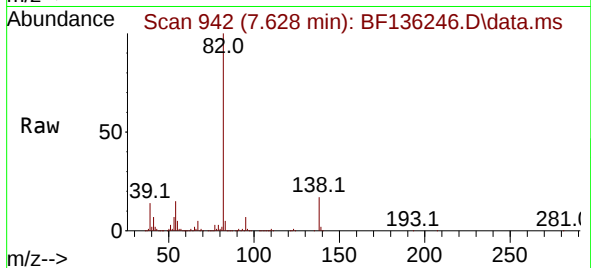
Tgt Ion: 77 Resp: 503832
Ion Ratio Lower Upper
77 100
123 43.3 35.4 53.2
65 13.9 11.0 16.6





#25
Isophorone
Concen: 39.878 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

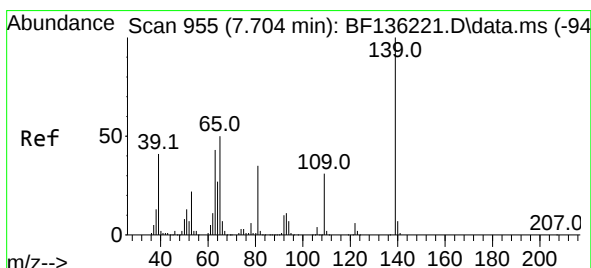
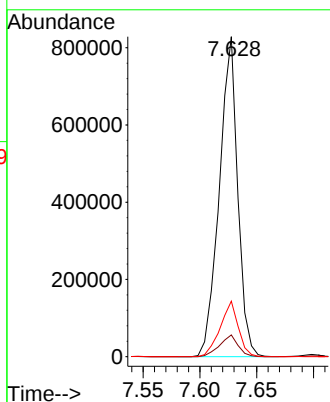
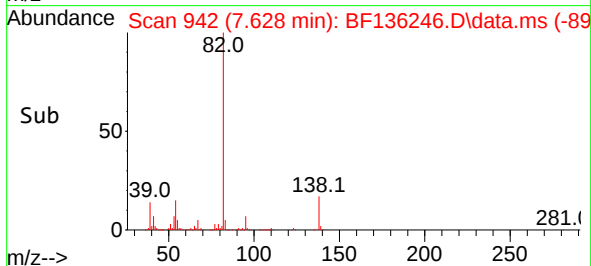
Instrument :
BNA_F
ClientSampleId :
PB156974BS



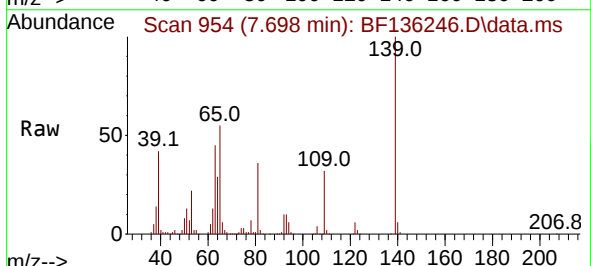
Tgt Ion: 82 Resp: 935614
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.3 12.8 19.2

Manual Integrations
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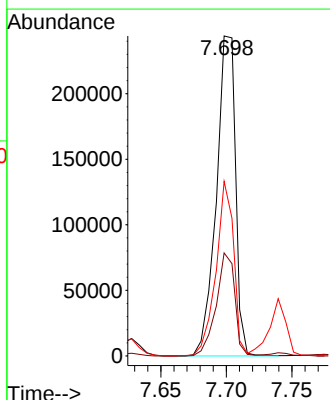
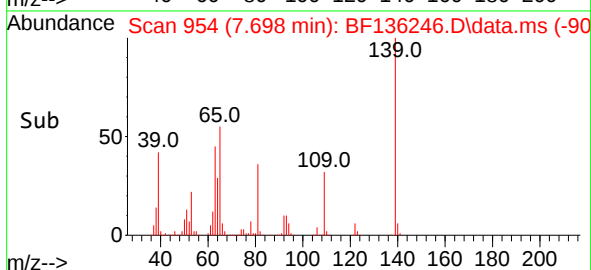
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

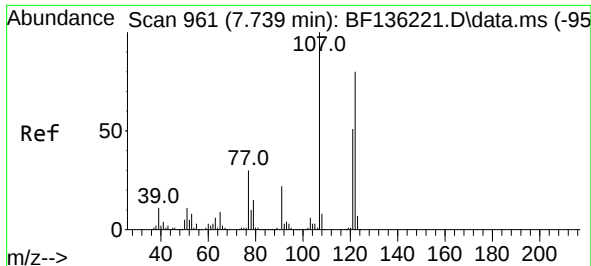


#26
2-Nitrophenol
Concen: 44.304 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:139 Resp: 248911
Ion Ratio Lower Upper
139 100
109 32.2 25.0 37.6
65 54.6 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 52.586 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136246.D

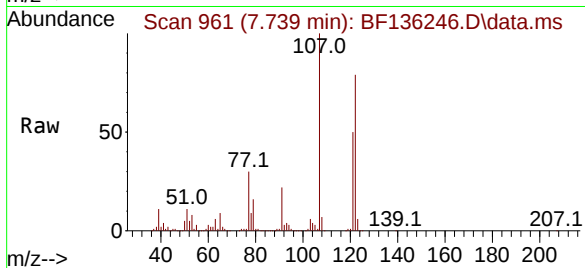
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



Tgt Ion:122 Resp: 388860

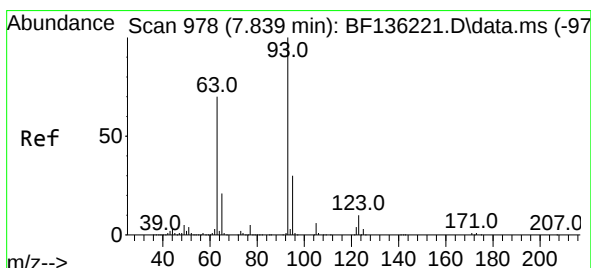
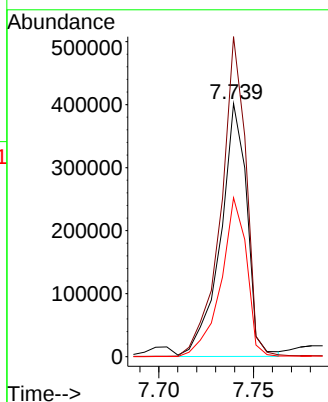
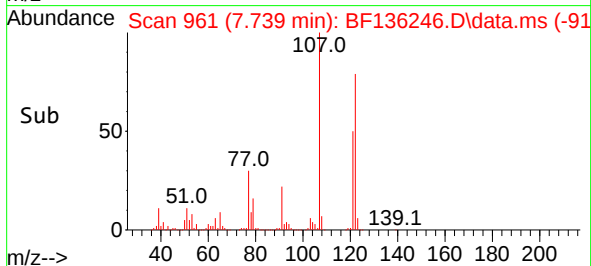
Ion	Ratio	Lower	Upper
122	100		
107	126.4	100.0	150.0
121	62.8	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.642 ng

RT: 7.839 min Scan# 978

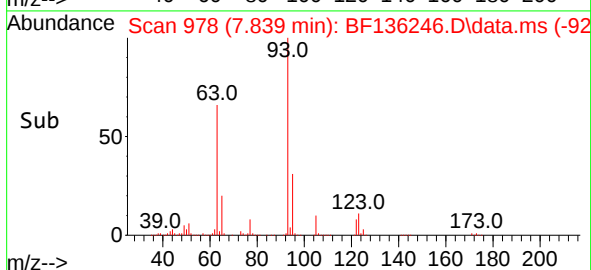
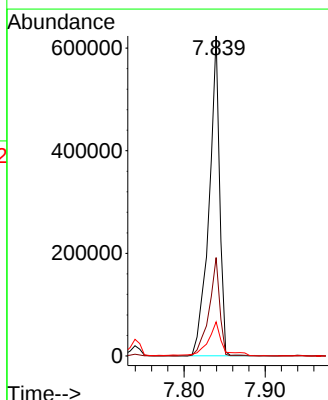
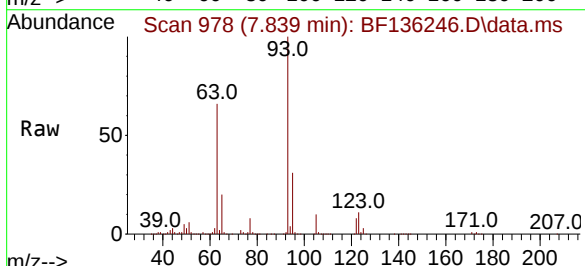
Delta R.T. 0.000 min

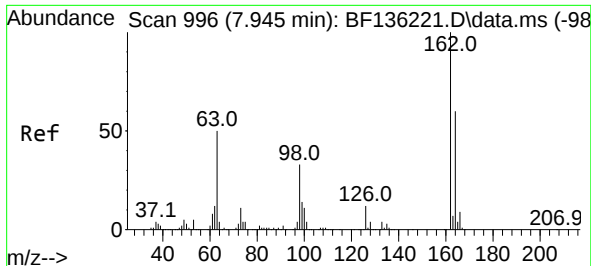
Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Tgt Ion: 93 Resp: 562590

Ion	Ratio	Lower	Upper
93	100		
95	30.7	23.8	35.6
123	10.7	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 41.567 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

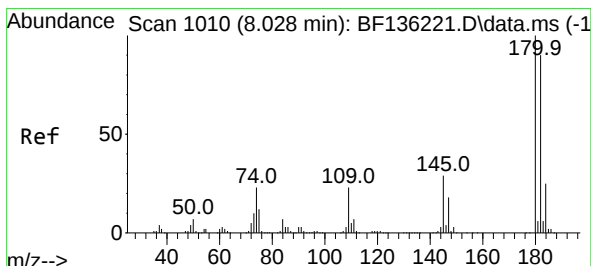
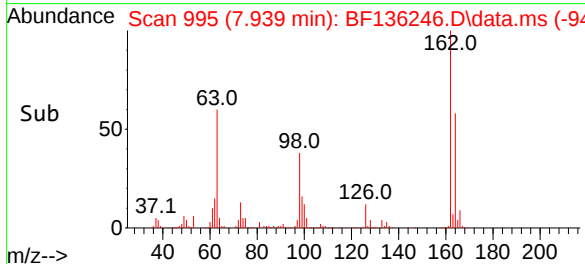
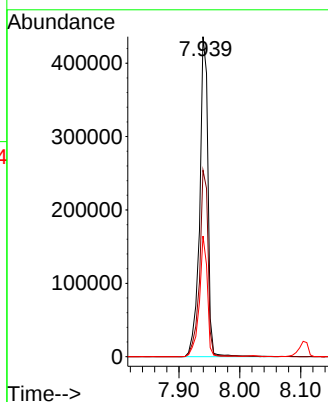
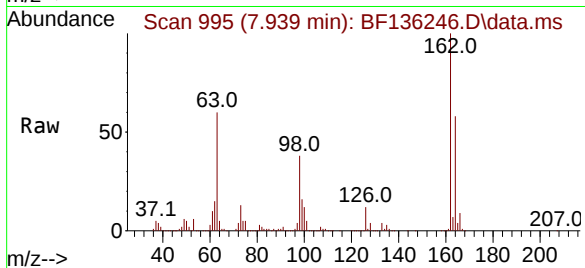
ClientSampleId :

PB156974BS

Tgt Ion:162 Resp: 414590
 Ion Ratio Lower Upper
 162 100
 164 58.3 40.3 80.3
 98 37.7 13.0 53.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.204 ng

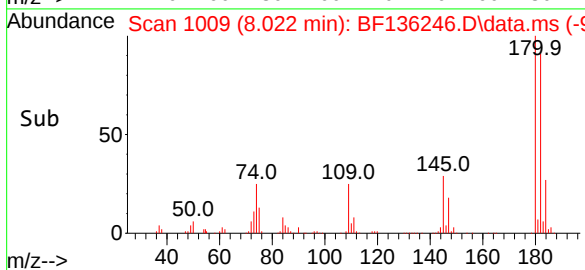
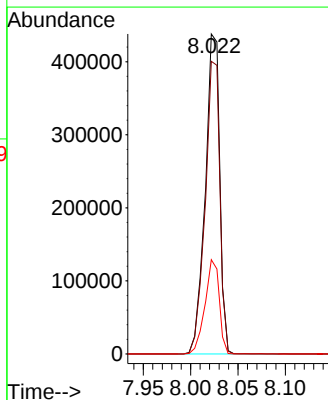
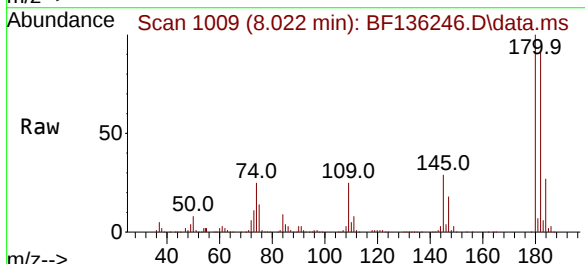
RT: 8.022 min Scan# 1009

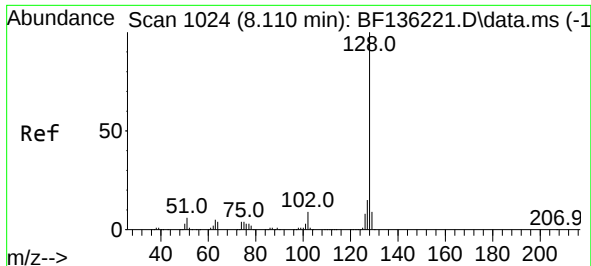
Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Tgt Ion:180 Resp: 466535
 Ion Ratio Lower Upper
 180 100
 182 91.4 71.6 107.4
 145 29.5 23.0 34.4





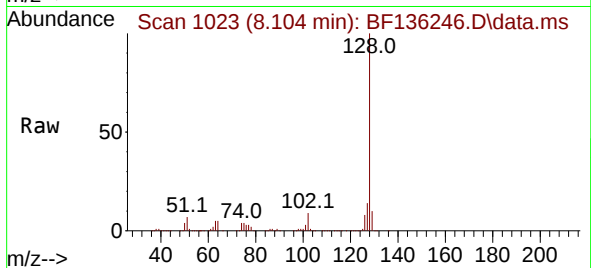
#31
Naphthalene
Concen: 39.172 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



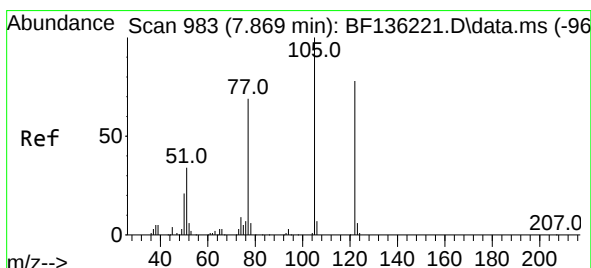
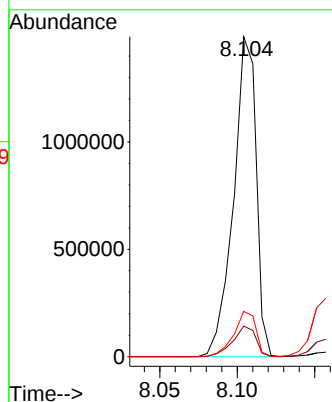
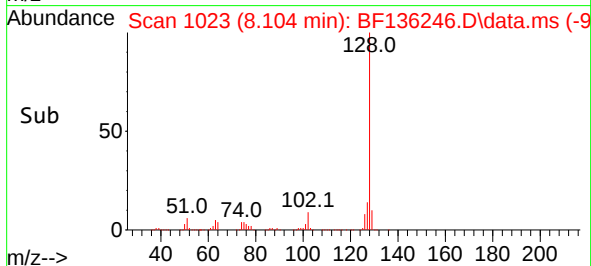
Tgt Ion:128 Resp: 1513914
Ion Ratio Lower Upper
128 100
129 9.5 7.3 10.9
127 14.1 11.8 17.6

Manual Integrations

APPROVED

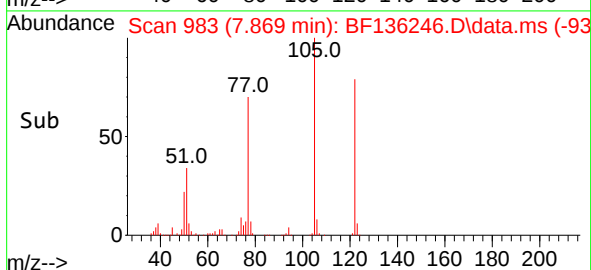
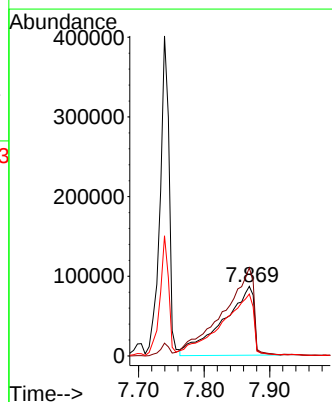
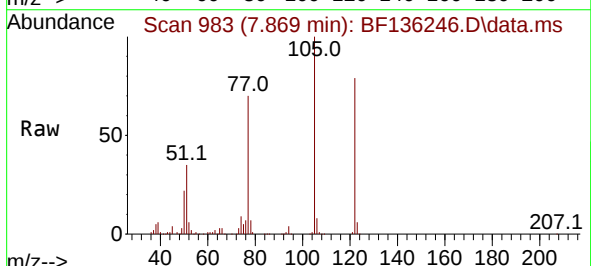
Reviewed By :Yogesh Patel 11/29/2023

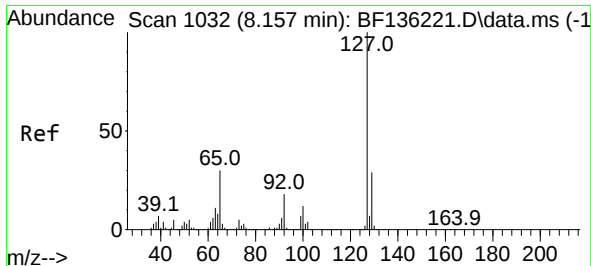
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 42.351 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:122 Resp: 285416
Ion Ratio Lower Upper
122 100
105 126.6 103.7 143.7
77 89.1 66.8 106.8





#33
4-Chloroaniline
Concen: 20.478 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

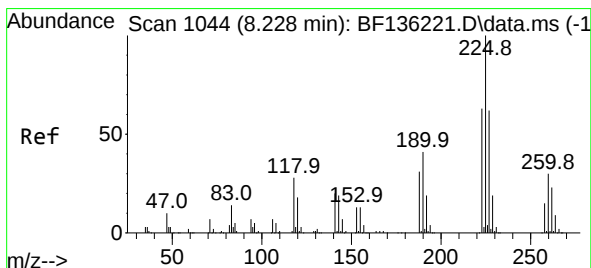
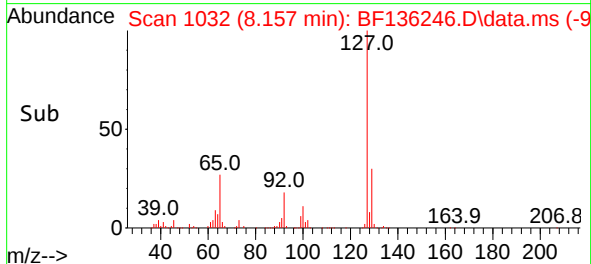
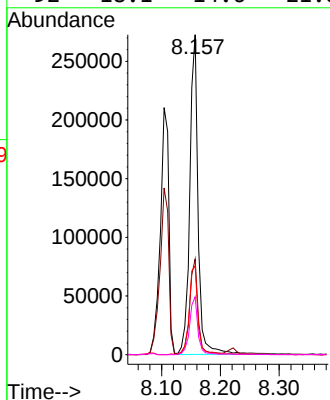
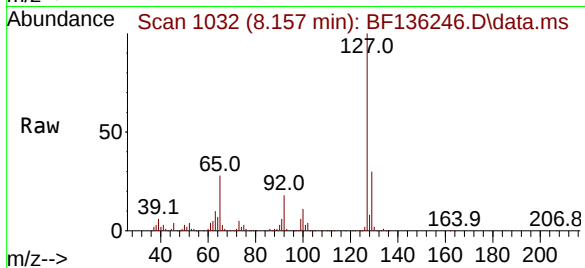
ClientSampleId :

PB156974BS

Tgt Ion:127 Resp: 26902
Ion Ratio Lower Upper
127 100
129 29.9 23.4 35.2
65 27.8 23.8 35.6
92 18.1 14.6 21.8

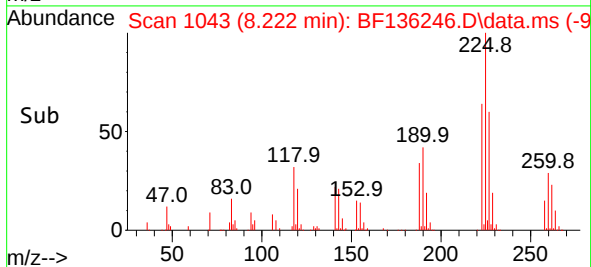
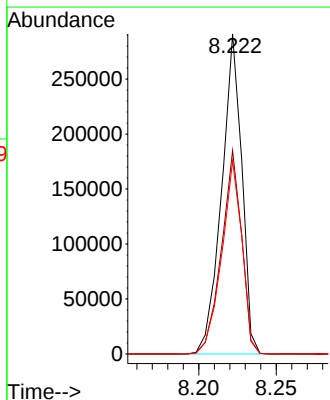
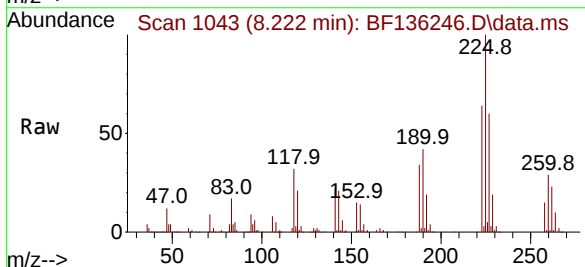
Manual Integrations
APPROVED

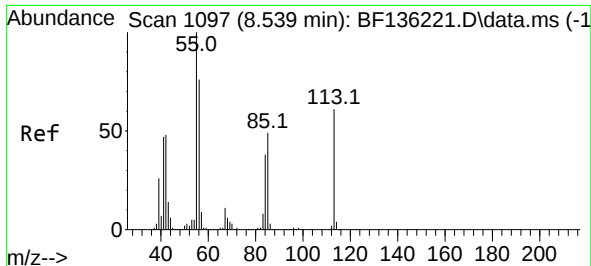
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 36.830 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

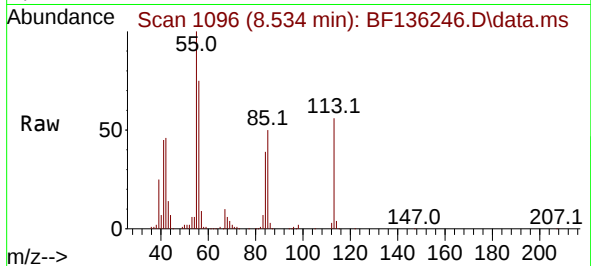
Tgt Ion:225 Resp: 263126
Ion Ratio Lower Upper
225 100
223 63.6 50.6 75.8
227 60.5 49.6 74.4





#35
Caprolactam
Concen: 40.255 ng m
RT: 8.534 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

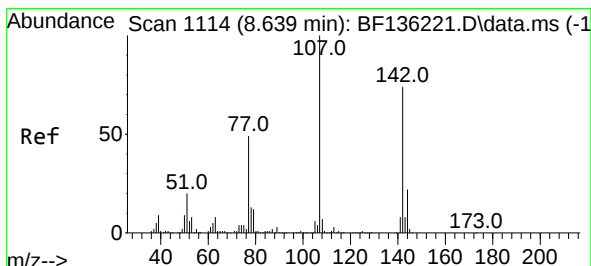
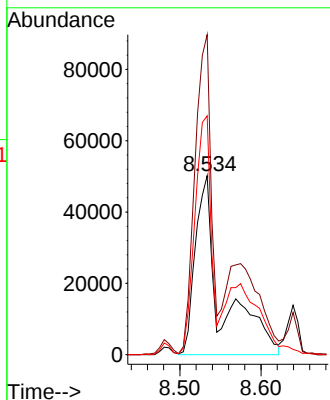
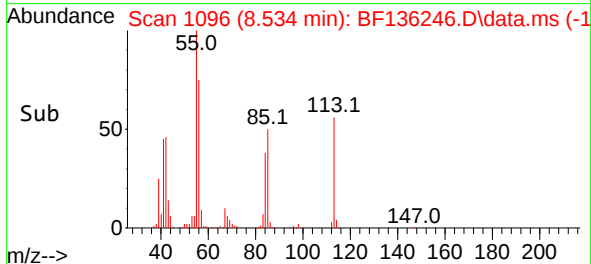
Instrument :
BNA_F
ClientSampleId :
PB156974BS



Tgt Ion:113 Resp: 11224
Ion Ratio Lower Upper
113 100
55 178.8 143.1 183.1
56 133.5 103.6 143.6

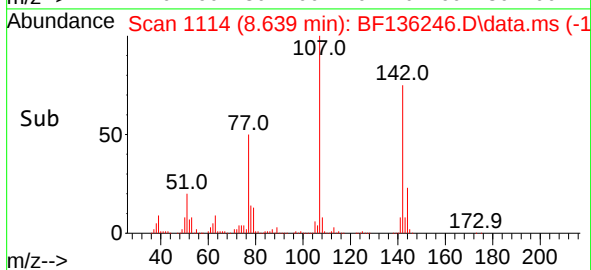
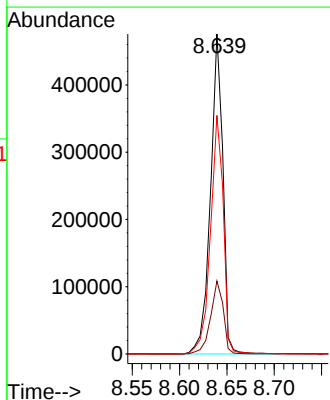
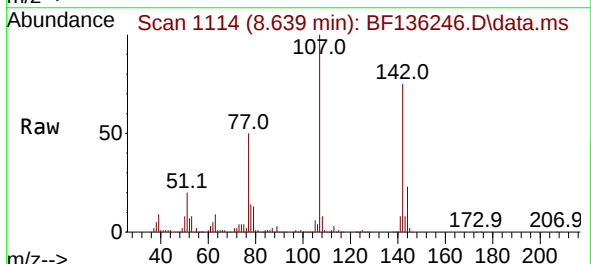
Manual Integrations
APPROVED

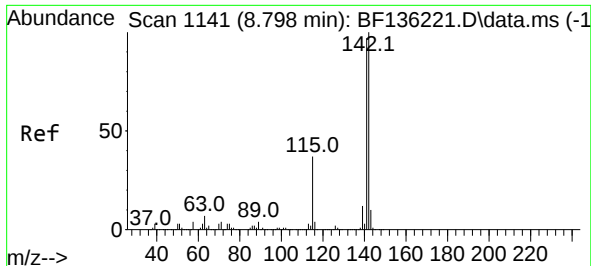
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 39.904 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:107 Resp: 431673
Ion Ratio Lower Upper
107 100
144 22.8 17.8 26.8
142 74.6 59.4 89.0





#37
2-Methylnaphthalene
Concen: 38.447 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

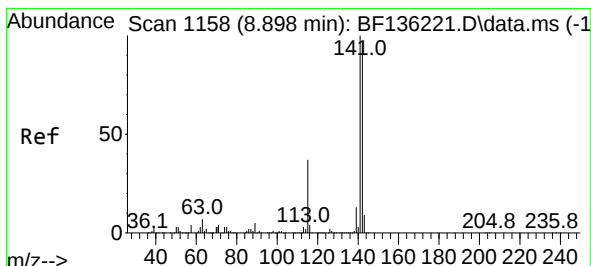
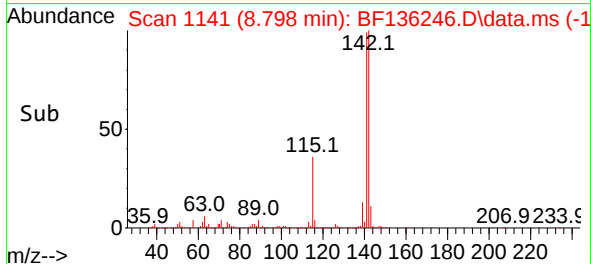
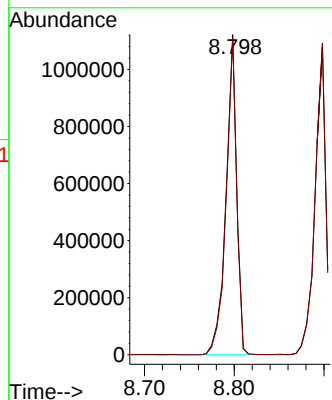
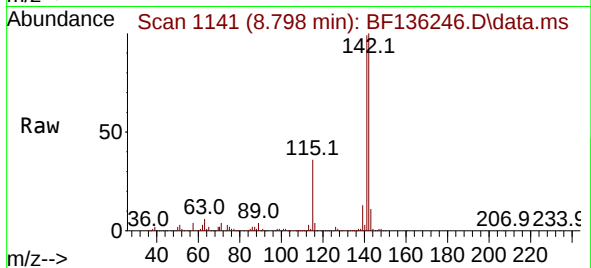
PB156974BS

Tgt Ion:142 Resp: 932080
Ion Ratio Lower Upper
142 100
141 99.1 77.8 116.8

Manual Integrations

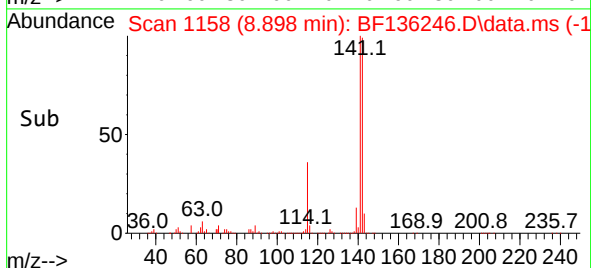
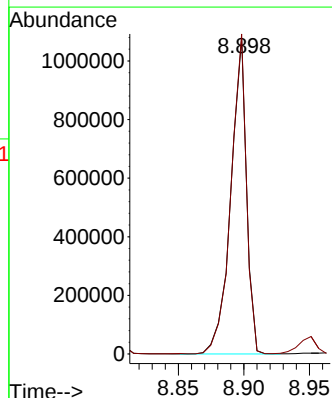
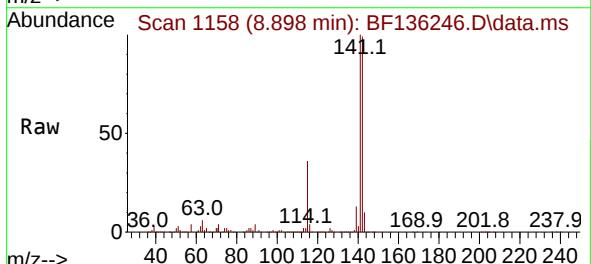
APPROVED

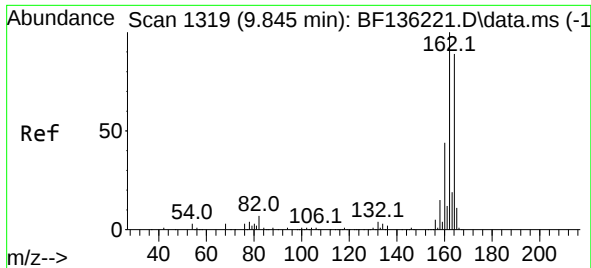
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 37.969 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:142 Resp: 897966
Ion Ratio Lower Upper
142 100
141 101.3 83.8 125.6





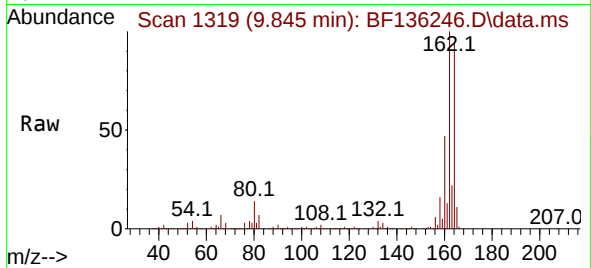
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

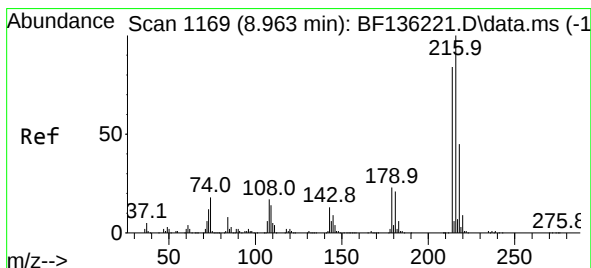
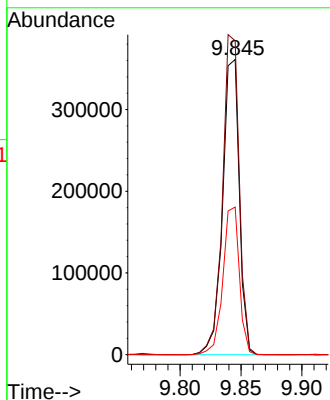
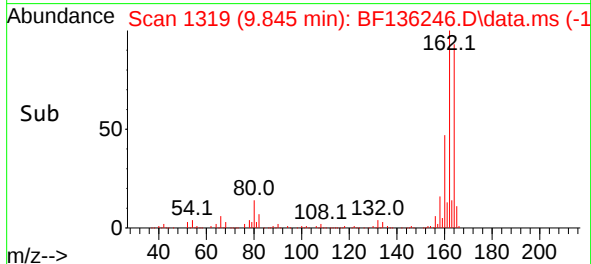


Tgt Ion:164 Resp: 346959
Ion Ratio Lower Upper
164 100
162 106.3 89.5 134.3
160 50.0 39.6 59.4

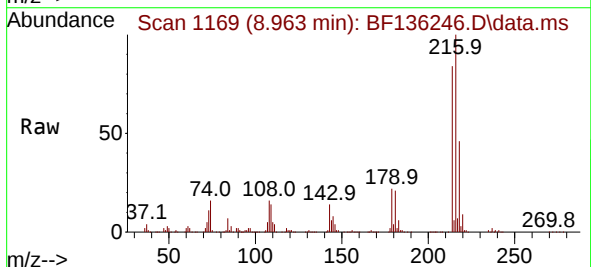
Manual Integrations

APPROVED

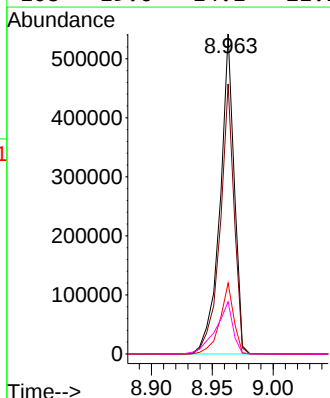
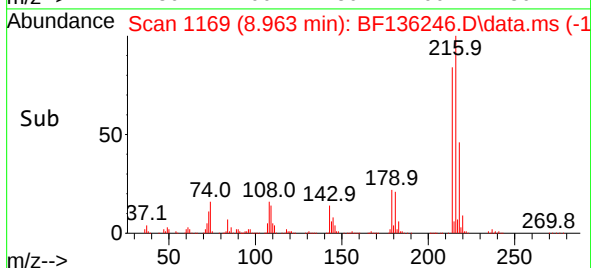
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

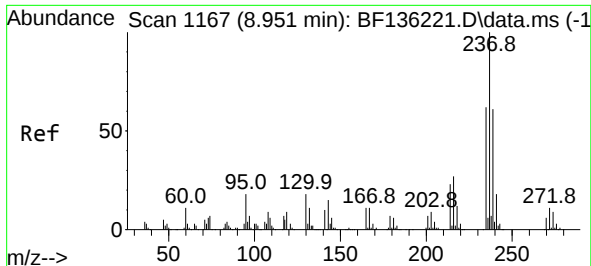


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.849 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:216 Resp: 440016
Ion Ratio Lower Upper
216 100
214 82.8 65.8 98.8
179 21.4 17.4 26.0
108 19.6 14.1 21.1





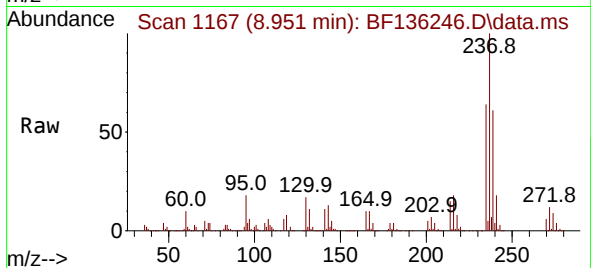
#41
Hexachlorocyclopentadiene
Concen: 112.770 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

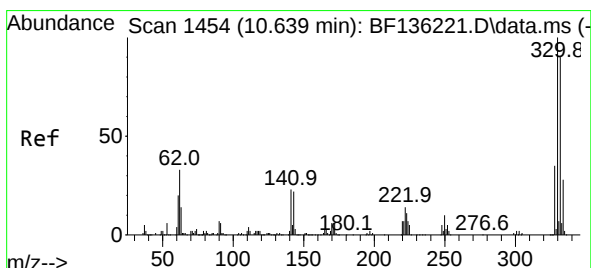
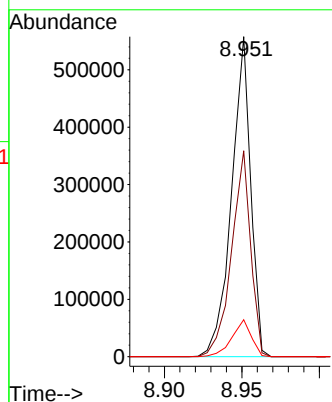
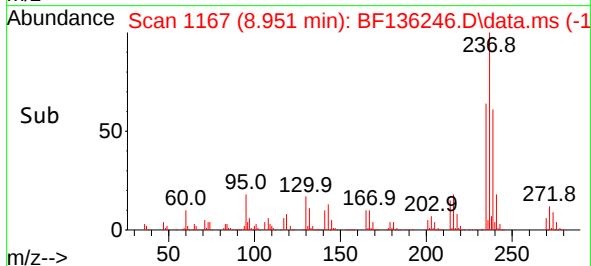


Tgt Ion:237 Resp: 479130
Ion Ratio Lower Upper
237 100
235 64.4 42.1 82.1
272 11.5 0.0 31.0

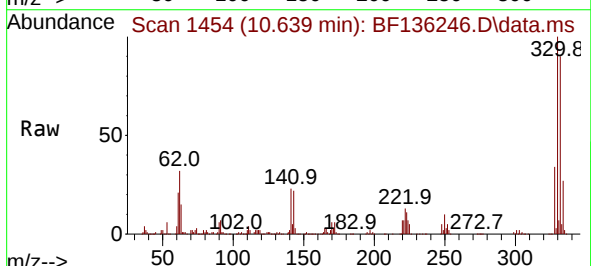
Manual Integrations

APPROVED

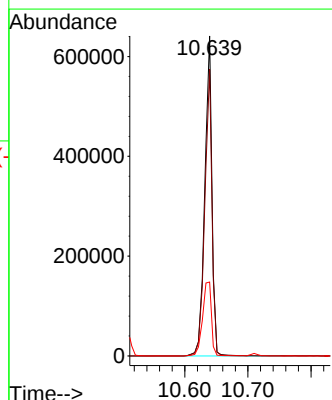
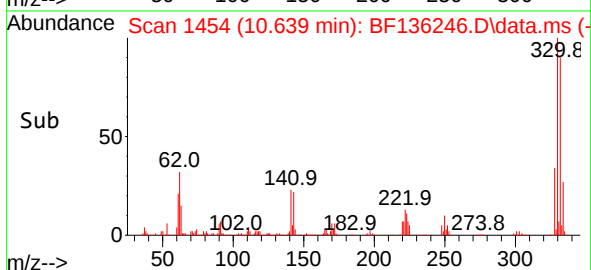
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

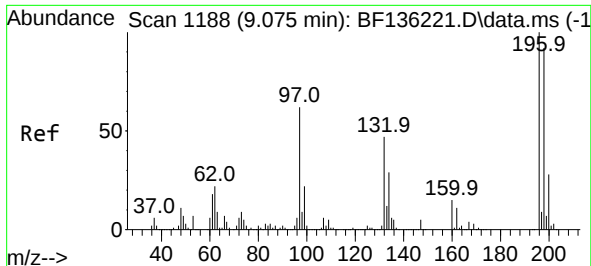


#42
2,4,6-Tribromophenol
Concen: 119.895 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:330 Resp: 508577
Ion Ratio Lower Upper
330 100
332 90.6 73.0 109.6
141 28.6 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 42.096 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136246.D

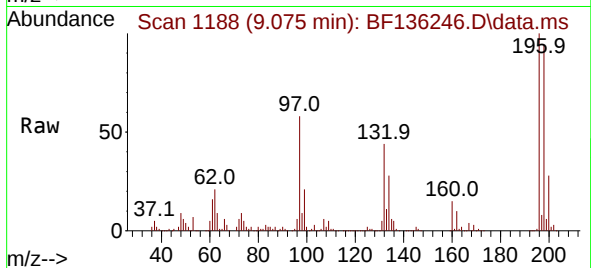
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



Tgt Ion:196 Resp: 30170

Ion Ratio Lower Upper

196 100

198 94.2 73.2 109.8

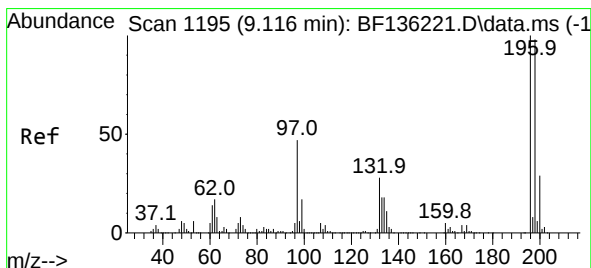
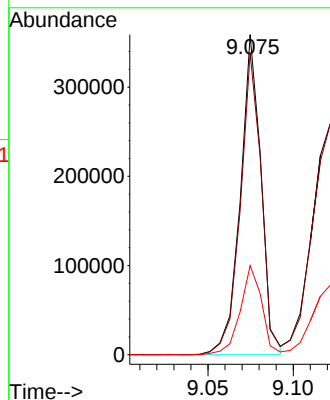
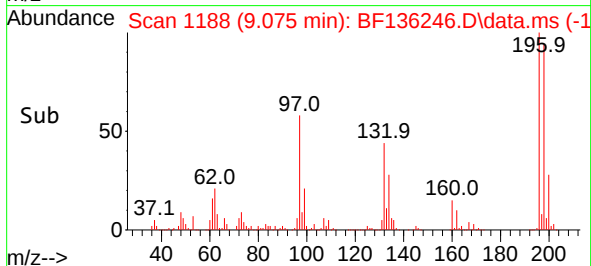
200 27.8 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 39.088 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Tgt Ion:196 Resp: 305717

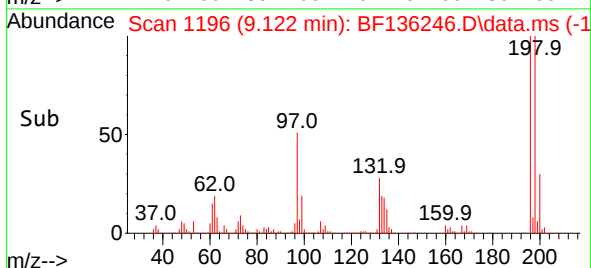
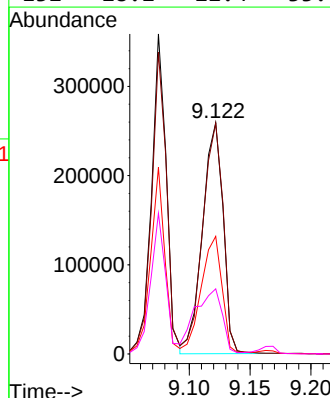
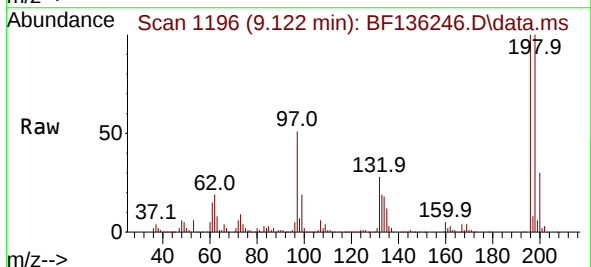
Ion Ratio Lower Upper

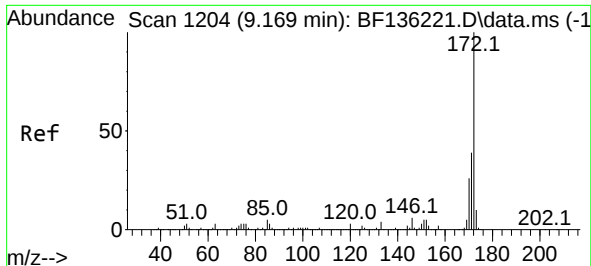
196 100

198 99.7 78.8 118.2

97 50.9 37.8 56.8

132 28.2 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 75.088 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

Tgt Ion:172 Resp: 2039630

Ion Ratio Lower Upper

172 100

171 39.5 31.5 47.3

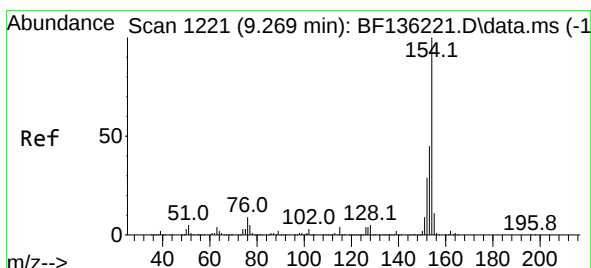
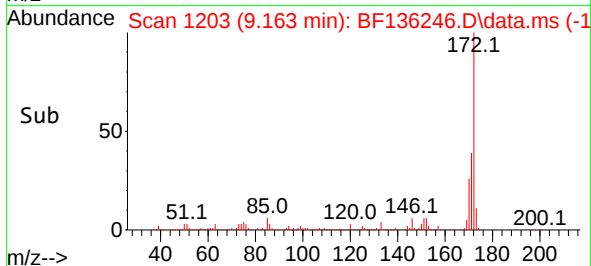
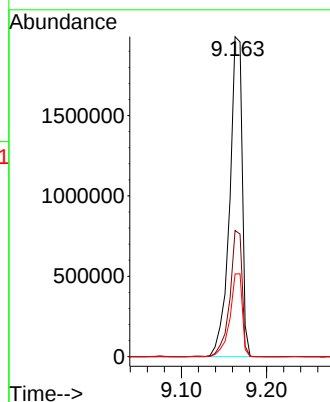
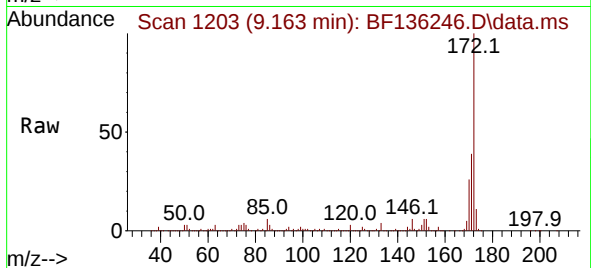
170 25.8 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#46

1,1'-Biphenyl

Concen: 39.979 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

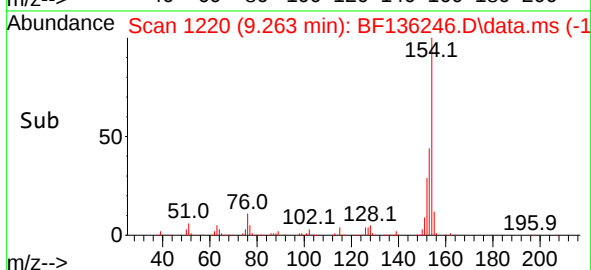
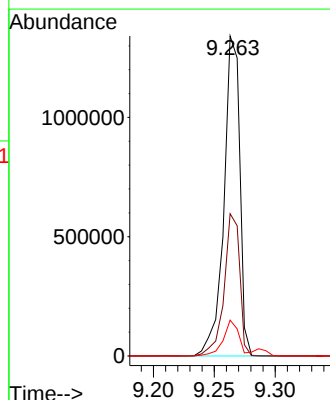
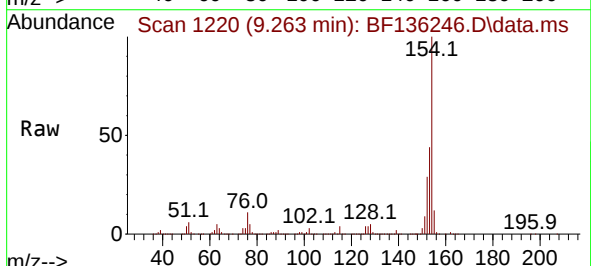
Tgt Ion:154 Resp: 1223234

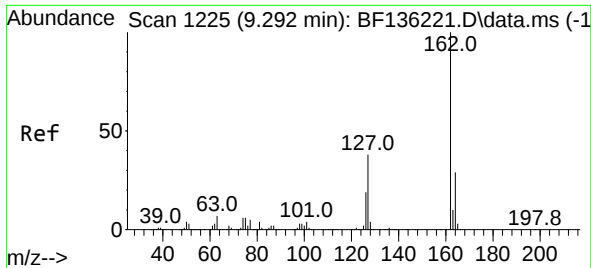
Ion Ratio Lower Upper

154 100

153 44.4 24.6 64.6

76 11.2 0.0 29.4





#47
2-Chloronaphthalene
Concen: 39.209 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

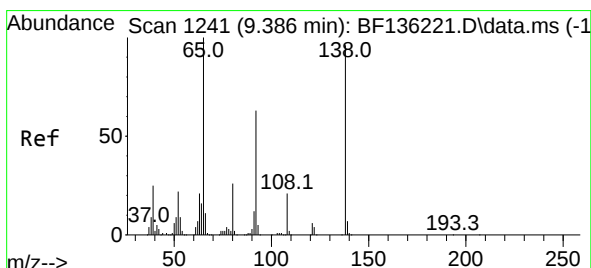
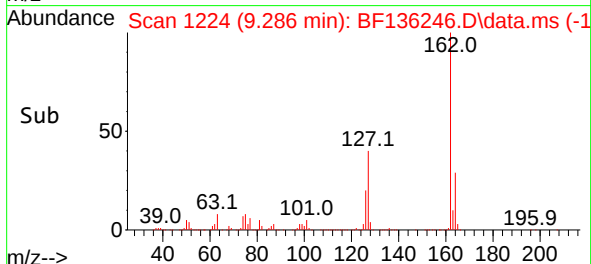
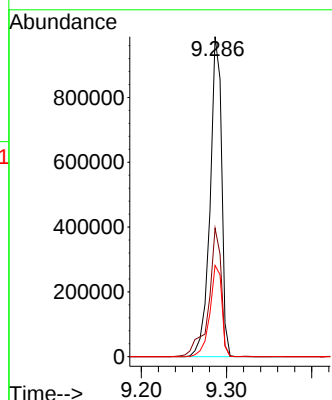
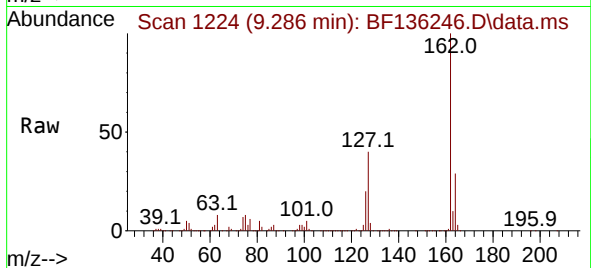
ClientSampleId :

PB156974BS

Tgt Ion:162 Resp: 931639
Ion Ratio Lower Upper
162 100
127 40.2 30.2 45.2
164 28.5 22.8 34.2

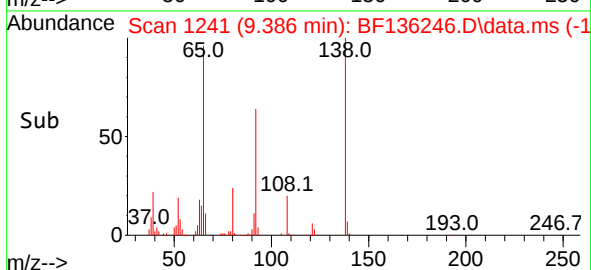
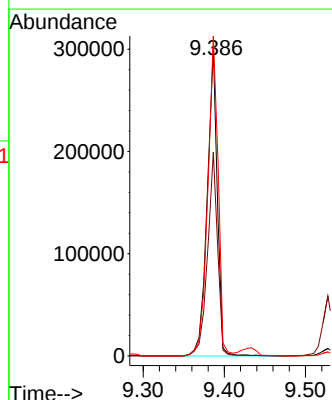
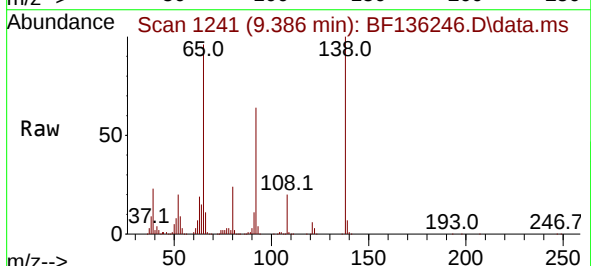
Manual Integrations
APPROVED

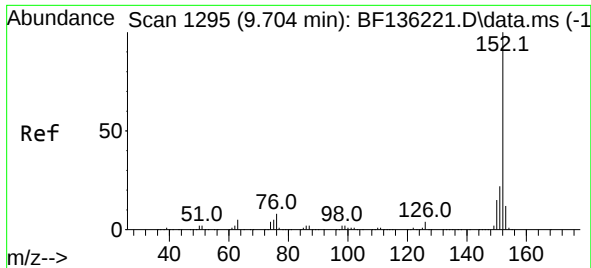
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 41.872 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion: 65 Resp: 259755
Ion Ratio Lower Upper
65 100
92 66.1 50.6 75.8
138 103.9 76.7 115.1





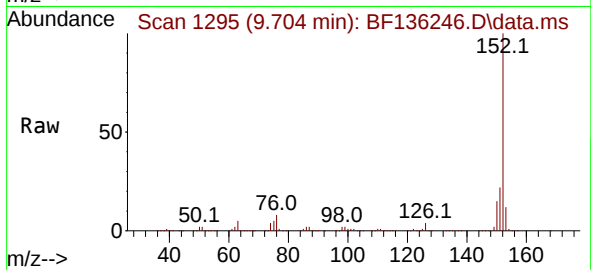
#49
Acenaphthylene
Concen: 42.528 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



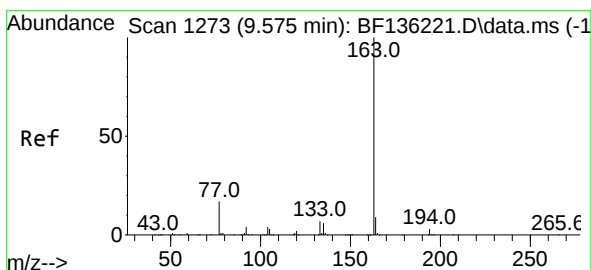
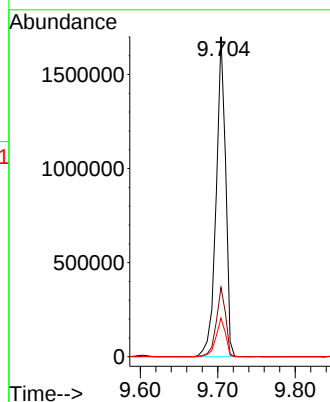
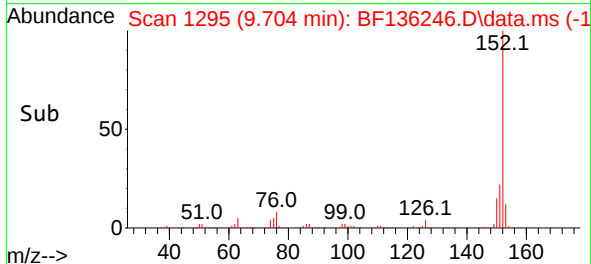
Tgt Ion:152 Resp: 1442048
Ion Ratio Lower Upper
152 100
151 21.6 17.5 26.3
153 12.0 9.6 14.4

Manual Integrations

APPROVED

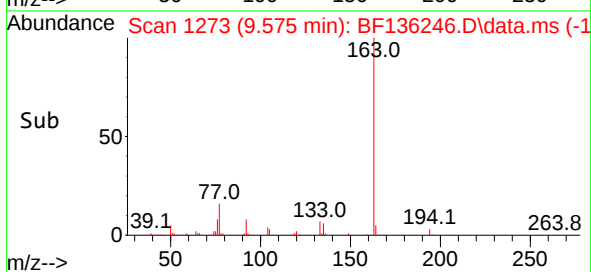
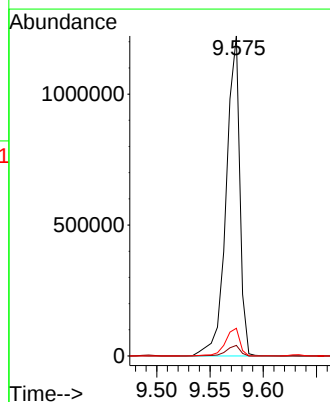
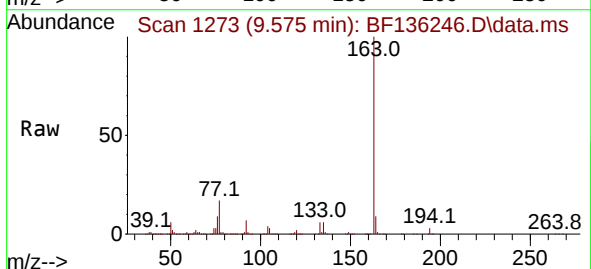
Reviewed By :Yogesh Patel 11/29/2023

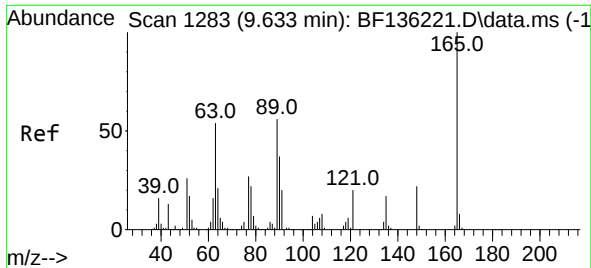
Supervised By :mohammad ahmed 12/01/2023



#50
Dimethylphthalate
Concen: 41.147 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:163 Resp: 1079027
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 8.7 7.0 10.6





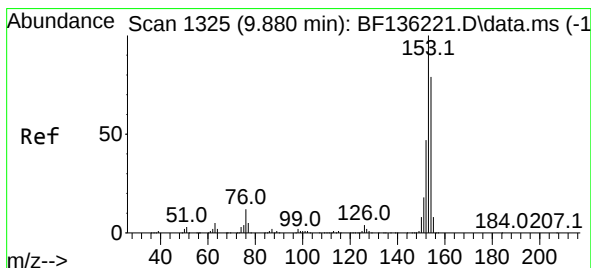
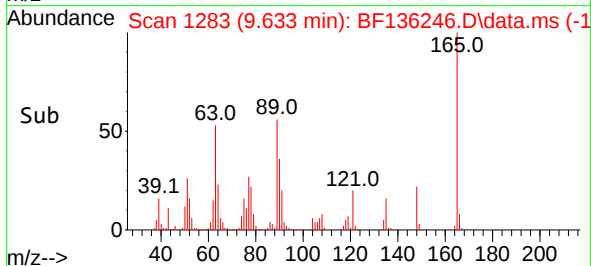
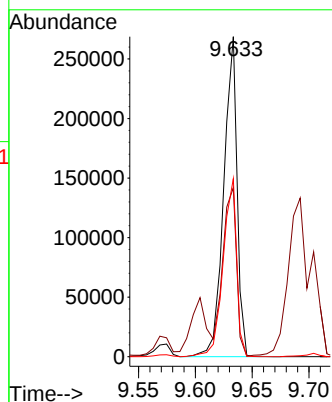
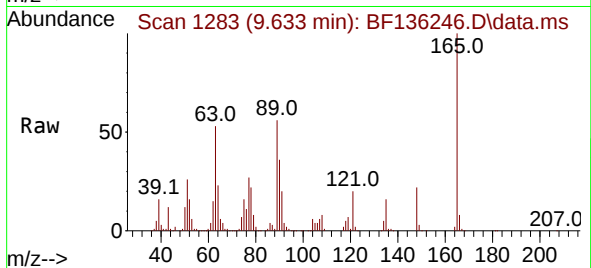
#51
2,6-Dinitrotoluene
Concen: 41.239 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :
BNA_F
ClientSampleId :
PB156974BS

Tgt Ion:165 Resp: 220930
Ion Ratio Lower Upper
165 100
63 52.8 46.2 69.2
89 55.6 44.9 67.3

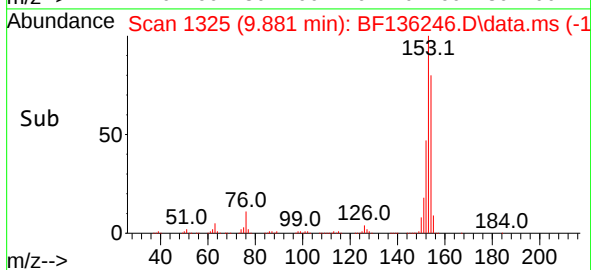
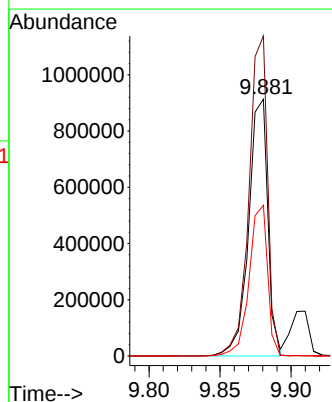
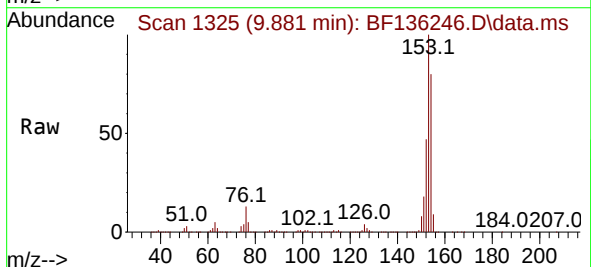
Manual Integrations
APPROVED

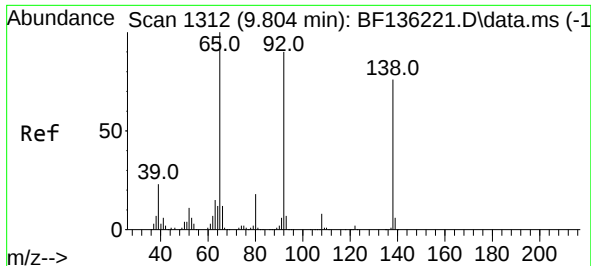
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 40.021 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:154 Resp: 857577
Ion Ratio Lower Upper
154 100
153 124.6 100.8 151.2
152 58.7 47.0 70.6





#53
3-Nitroaniline
Concen: 30.874 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

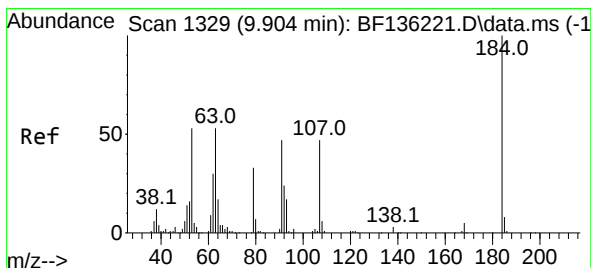
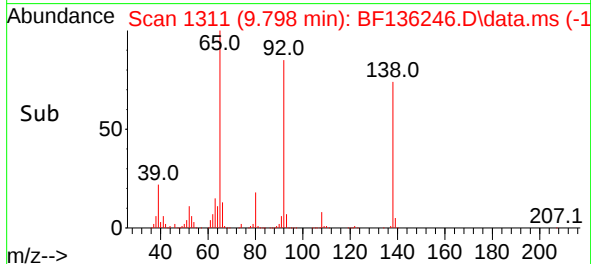
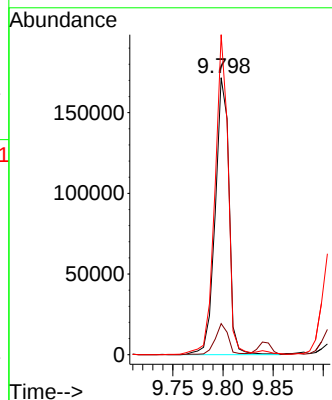
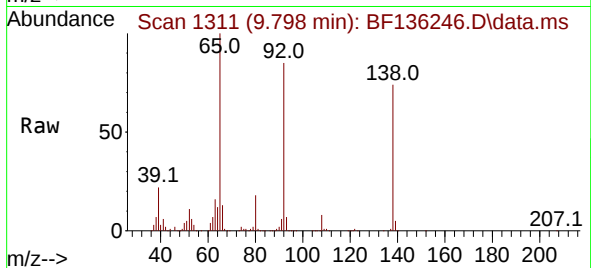
PB156974BS

Tgt Ion:138 Resp: 164110
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.5 94.2 141.4

Manual Integrations

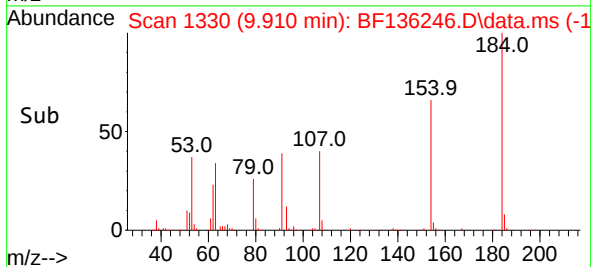
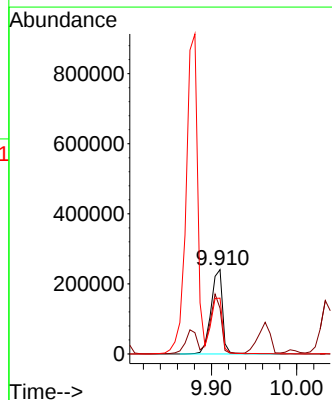
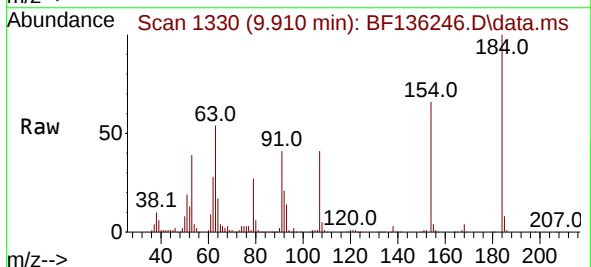
APPROVED

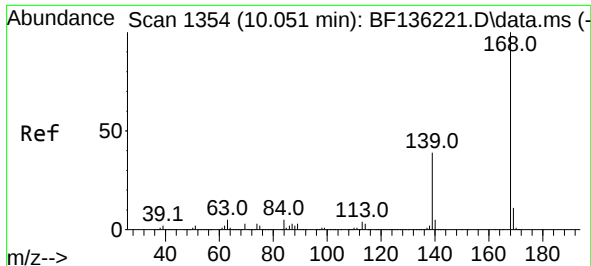
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 91.534 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

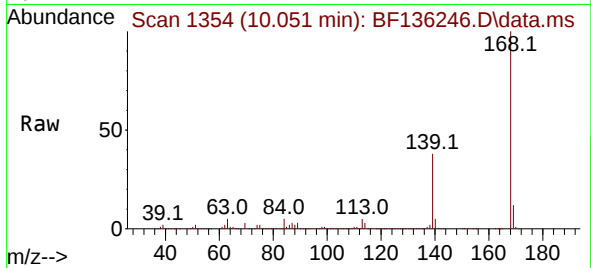
Tgt Ion:184 Resp: 228068
Ion Ratio Lower Upper
184 100
63 54.4 55.0 82.4#
154 66.2 54.9 82.3





#55
Dibenzofuran
Concen: 40.143 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

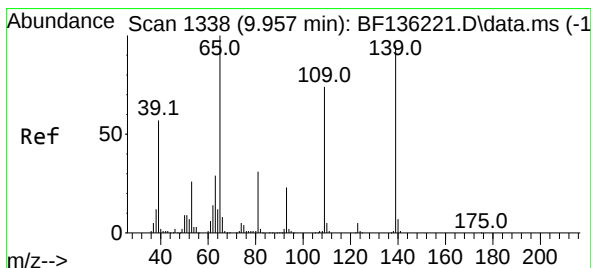
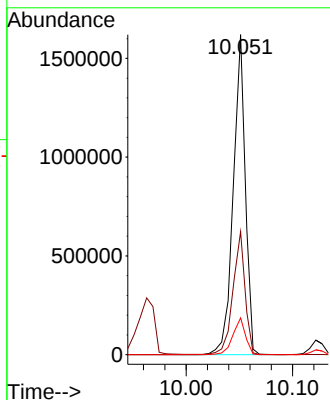
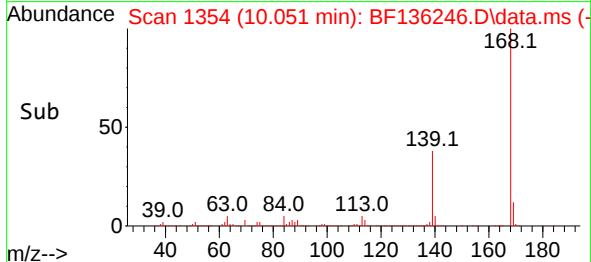
Instrument :
BNA_F
ClientSampleId :
PB156974BS



Tgt Ion:168 Resp: 128001
Ion Ratio Lower Upper
168 100
139 38.5 30.9 46.3
169 11.5 9.1 13.7

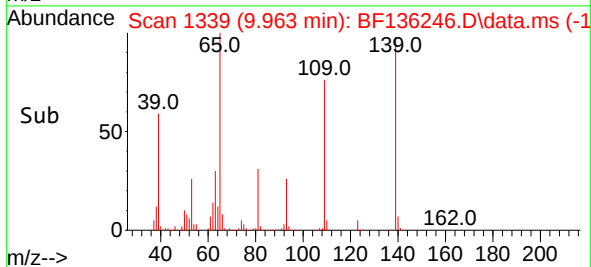
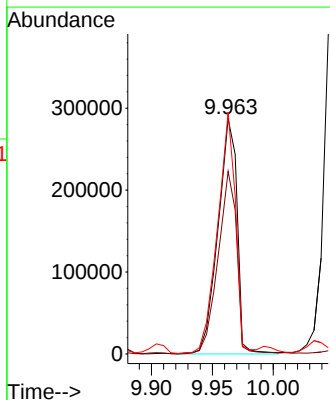
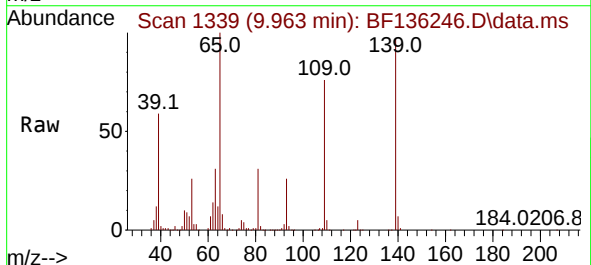
Manual Integrations
APPROVED

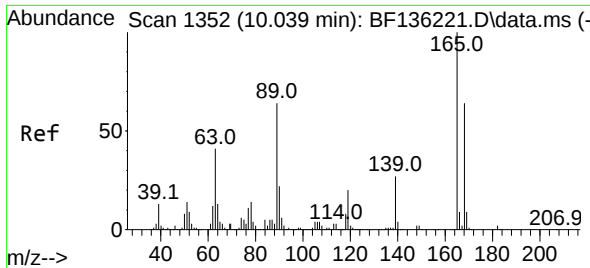
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 77.480 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:139 Resp: 312809
Ion Ratio Lower Upper
139 100
109 77.5 57.8 97.8
65 102.6 86.0 126.0





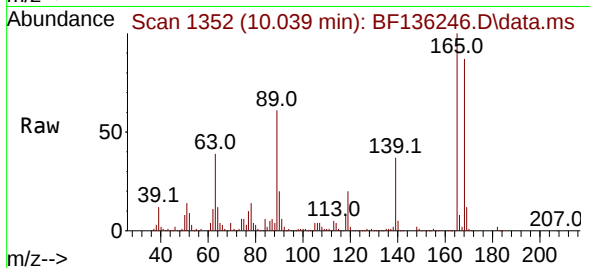
#57
2,4-Dinitrotoluene
Concen: 41.451 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

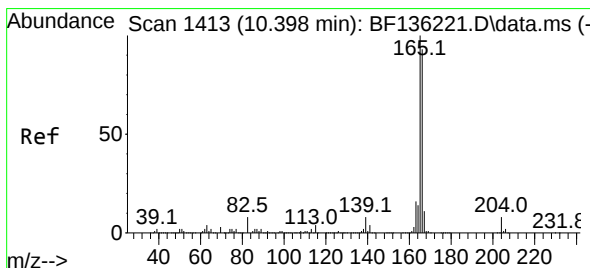
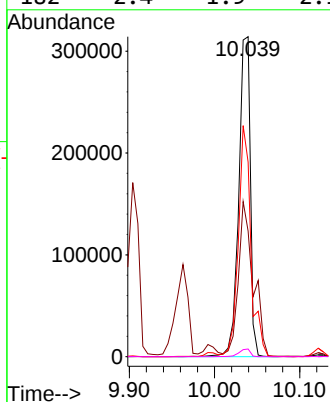
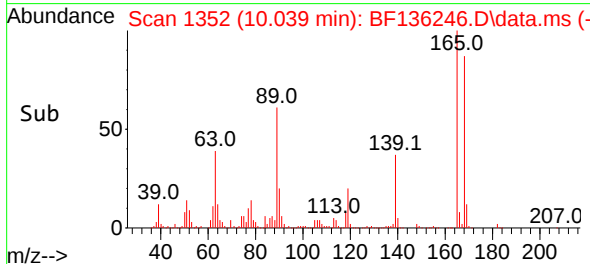


Tgt Ion:165 Resp: 296630
Ion Ratio Lower Upper
165 100
63 39.2 33.0 49.4
89 60.8 51.5 77.3
182 2.4 1.9 2.9

Manual Integrations

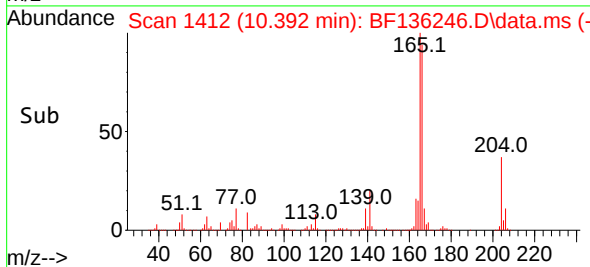
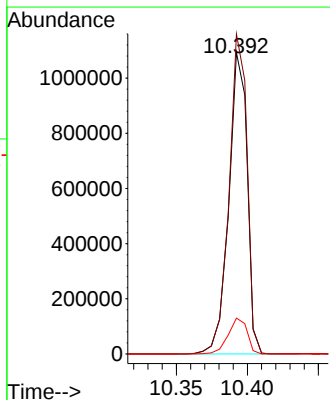
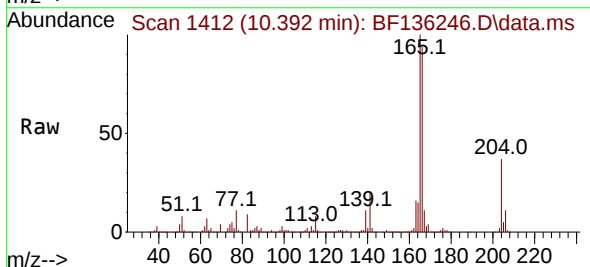
APPROVED

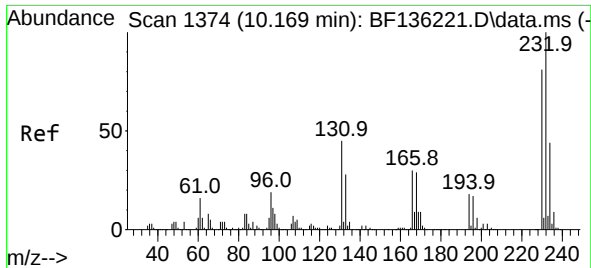
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 39.332 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

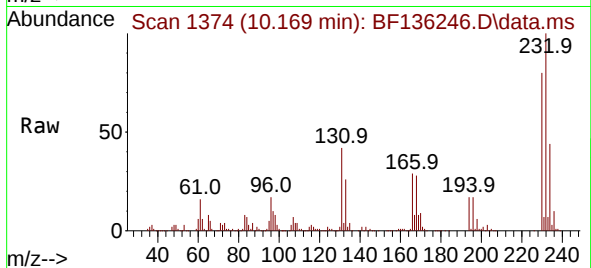
Tgt Ion:166 Resp: 983731
Ion Ratio Lower Upper
166 100
165 106.2 86.2 129.4
167 11.9 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.452 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

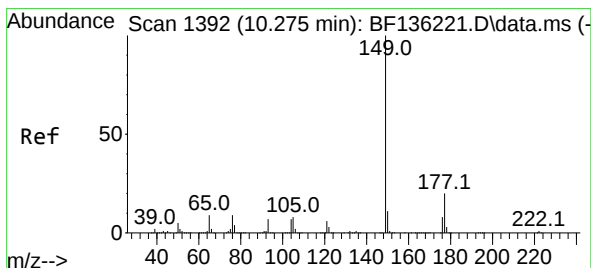
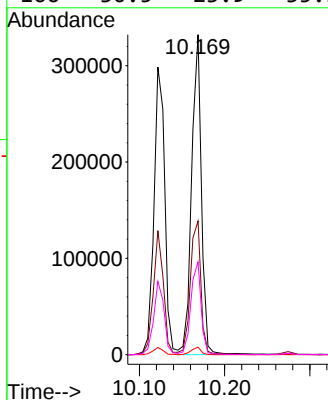
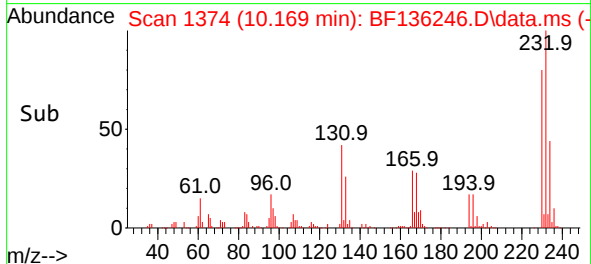
Instrument :
BNA_F
ClientSampleId :
PB156974BS



Tgt Ion:232 Resp: 26418
Ion Ratio Lower Upper
232 100
131 45.1 36.4 54.6
130 2.3 1.9 2.9
166 30.5 23.9 35.9

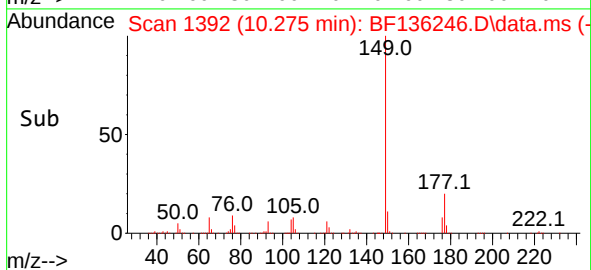
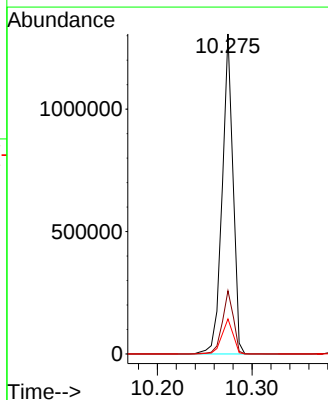
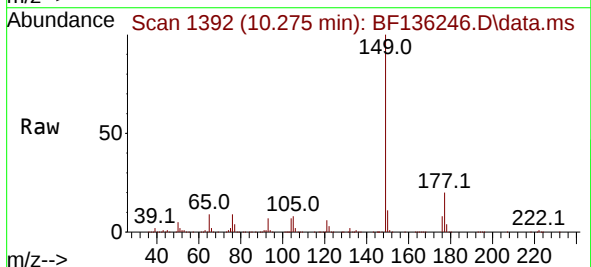
Manual Integrations
APPROVED

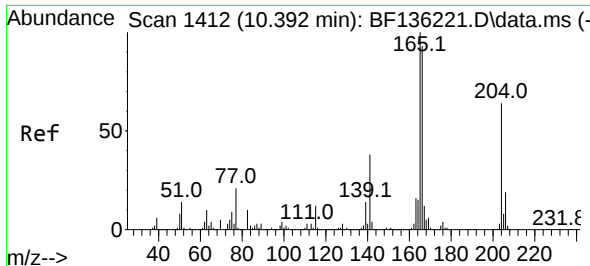
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#60
Diethylphthalate
Concen: 39.687 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:149 Resp: 1041073
Ion Ratio Lower Upper
149 100
177 19.7 15.8 23.6
150 10.9 8.8 13.2





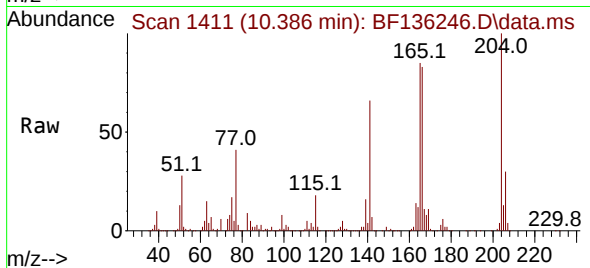
#61
4-Chlorophenyl-phenylether
Concen: 39.016 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

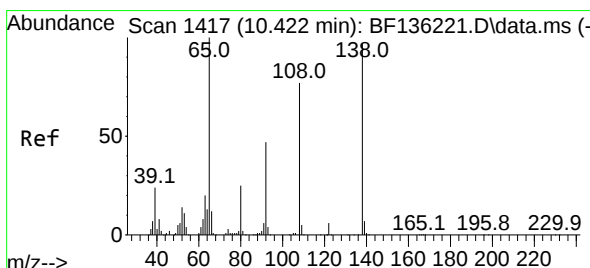
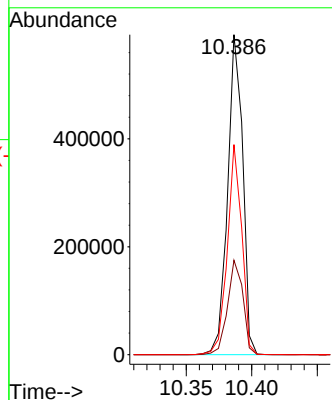
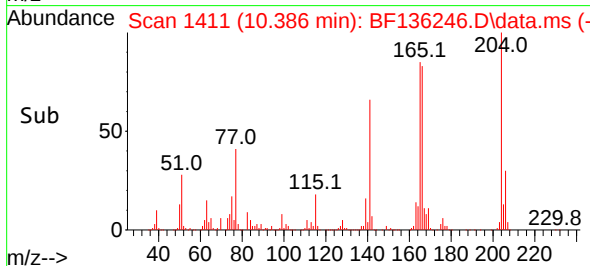


Tgt Ion:204 Resp: 473890
Ion Ratio Lower Upper
204 100
206 29.5 23.4 35.0
141 65.7 47.6 71.4

Manual Integrations

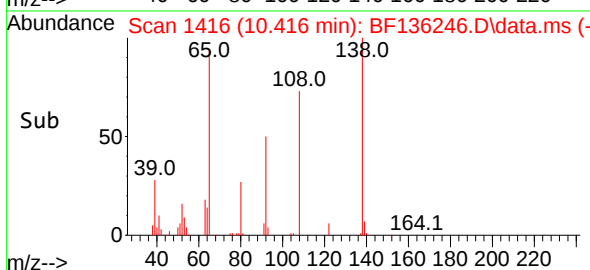
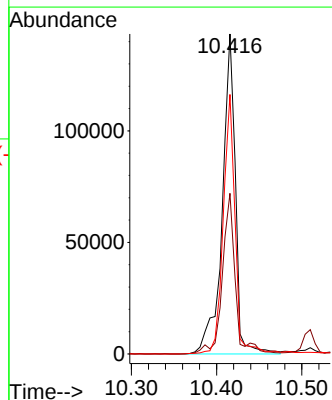
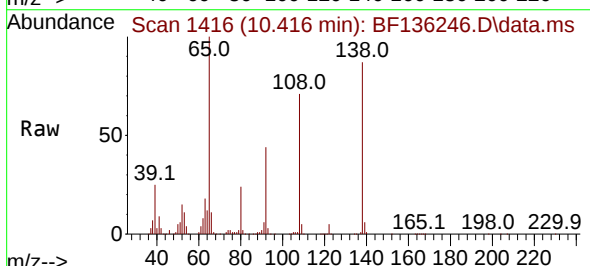
APPROVED

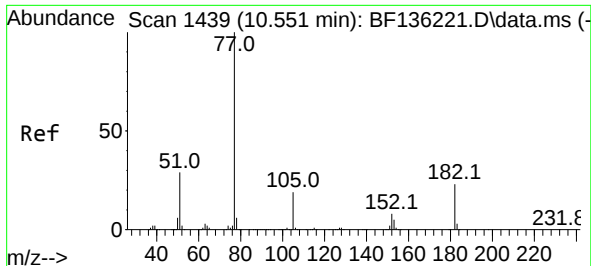
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 29.656 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:138 Resp: 154308
Ion Ratio Lower Upper
138 100
92 50.2 28.5 68.5
108 81.1 59.8 99.8





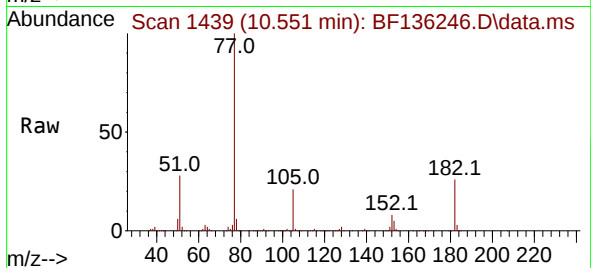
#63
Azobenzene
Concen: 39.629 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



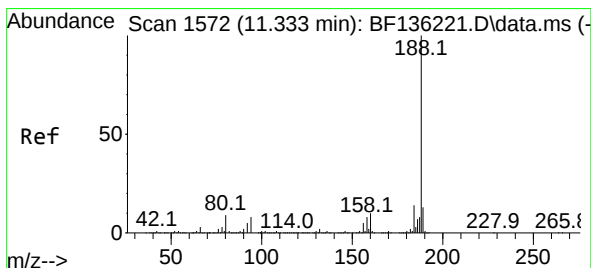
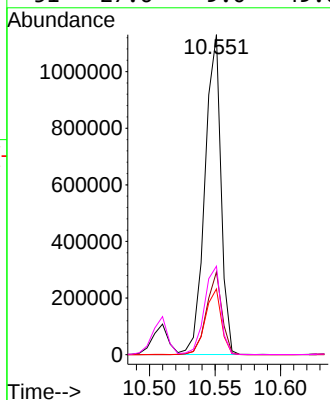
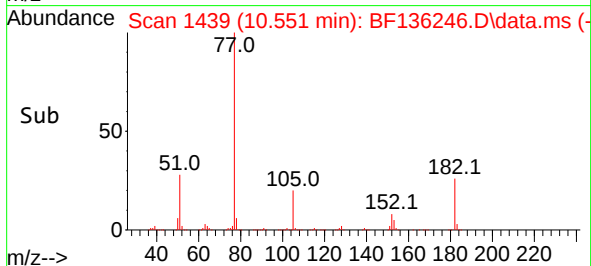
Tgt Ion: 77 Resp: 963748
Ion Ratio Lower Upper
77 100
182 25.9 3.3 43.3
105 20.5 0.0 39.5
51 27.6 9.0 49.0

Manual Integrations

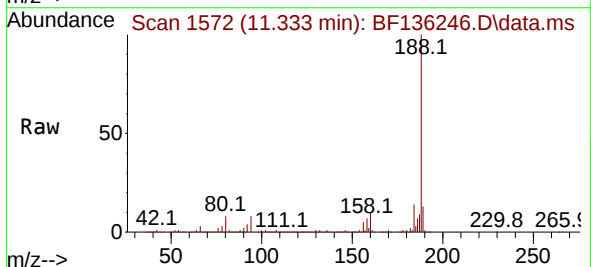
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

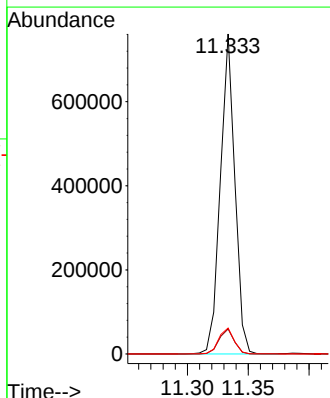
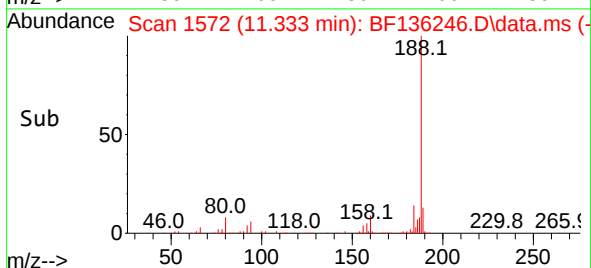
Supervised By :mohammad ahmed 12/01/2023

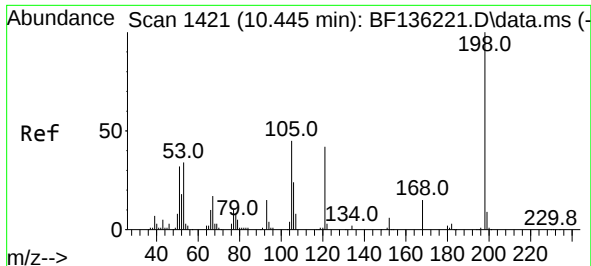


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



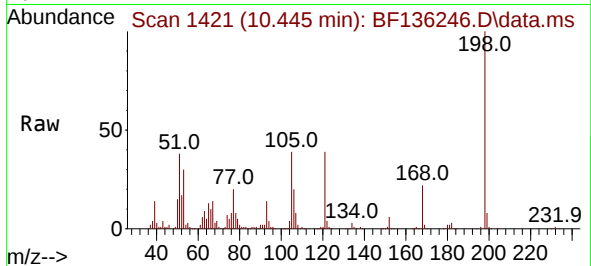
Tgt Ion:188 Resp: 633470
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.1 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 41.905 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

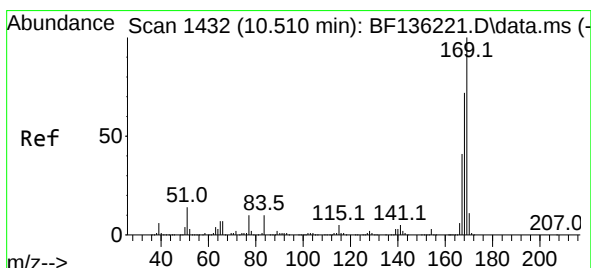
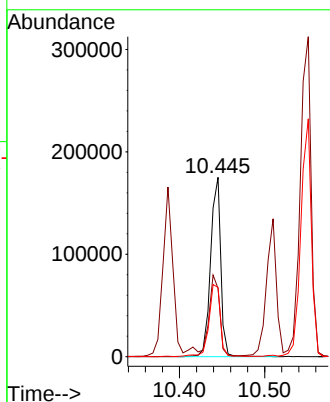
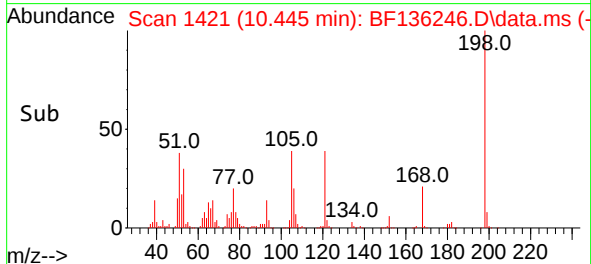
Instrument :
BNA_F
ClientSampleId :
PB156974BS



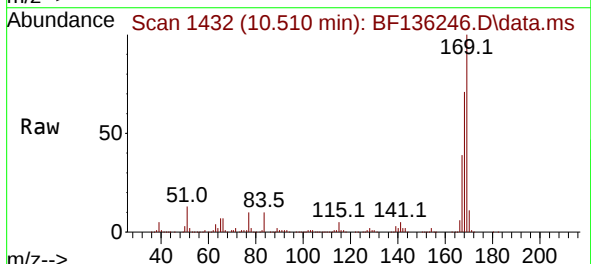
Tgt Ion:198 Resp: 14516
Ion Ratio Lower Upper
198 100
51 38.0 28.2 68.2
105 38.7 25.7 65.7

Manual Integrations
APPROVED

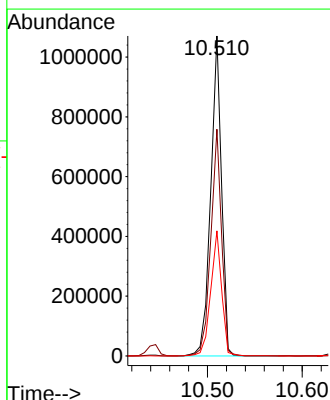
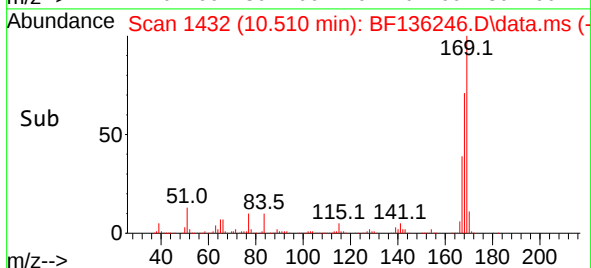
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

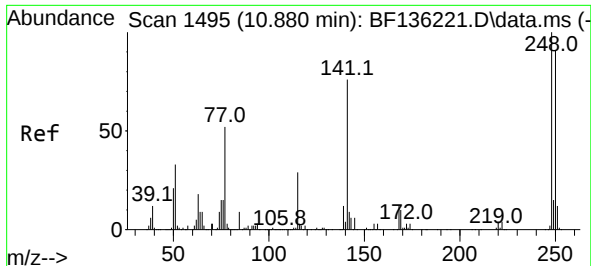


#66
n-Nitrosodiphenylamine
Concen: 41.640 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:169 Resp: 845316
Ion Ratio Lower Upper
169 100
168 70.9 57.8 86.6
167 39.1 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 40.773 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

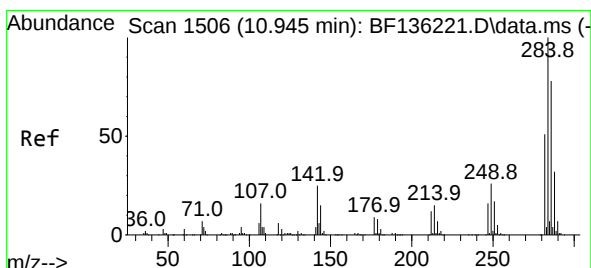
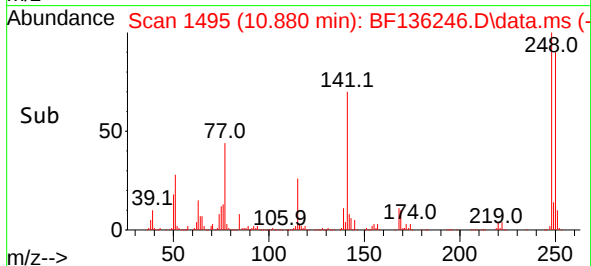
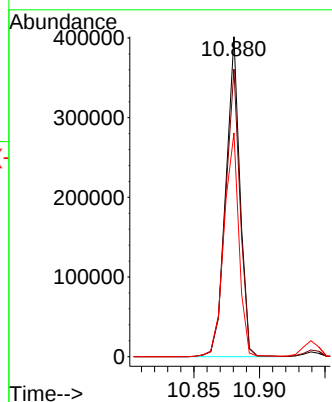
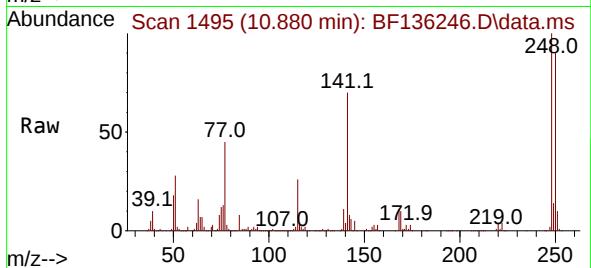
ClientSampleId :

PB156974BS

Tgt Ion:248 Resp: 301332
Ion Ratio Lower Upper
248 100
250 89.8 72.5 108.7
141 69.9 60.8 91.2

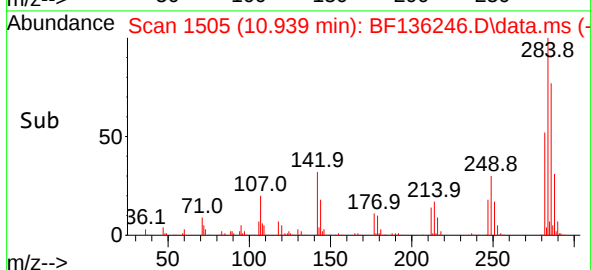
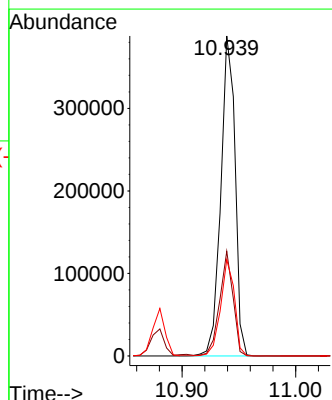
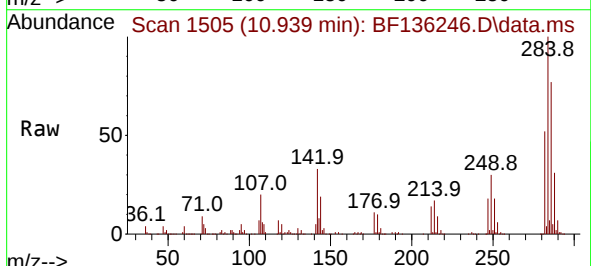
Manual Integrations
APPROVED

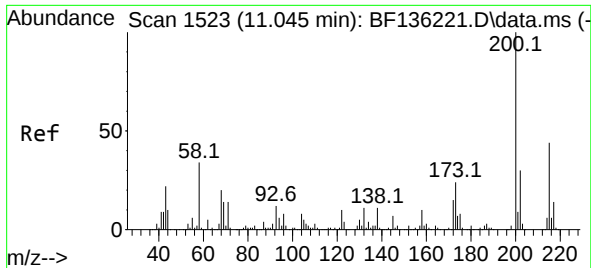
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#68
Hexachlorobenzene
Concen: 39.669 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

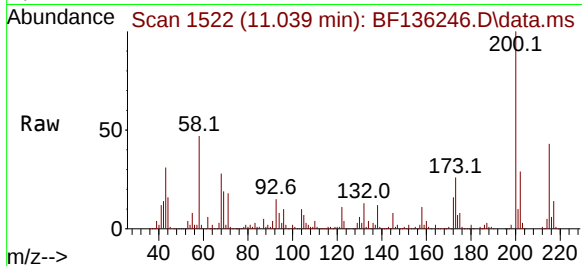
Tgt Ion:284 Resp: 339309
Ion Ratio Lower Upper
284 100
142 32.7 19.8 29.8#
249 30.1 21.0 31.4





#69
 Atrazine
 Concen: 40.105 ng
 RT: 11.039 min Scan# 1522
 Delta R.T. -0.006 min
 Lab File: BF136246.D
 Acq: 28 Nov 2023 13:31

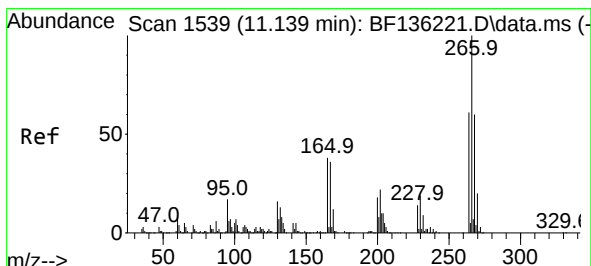
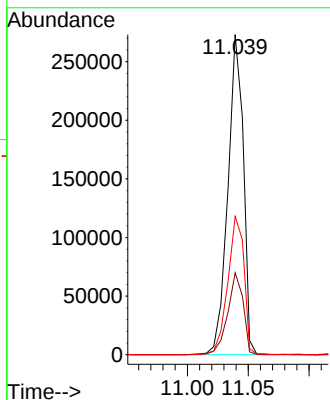
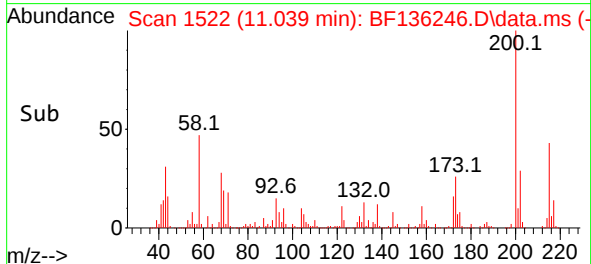
Instrument :
 BNA_F
 ClientSampleId :
 PB156974BS



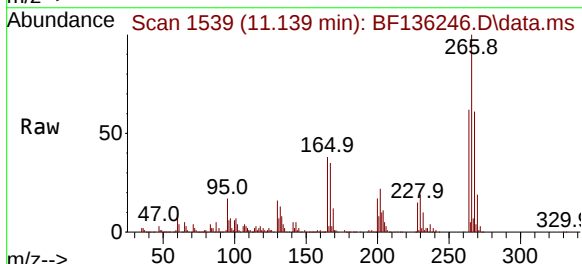
Tgt Ion:200 Resp: 241514
 Ion Ratio Lower Upper
 200 100
 173 25.6 4.3 44.3
 215 43.2 23.8 63.8

Manual Integrations
 APPROVED

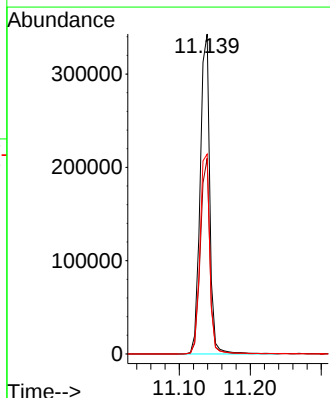
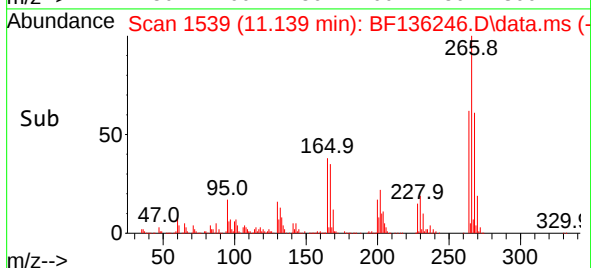
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

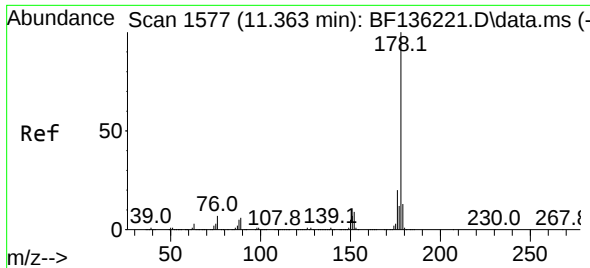


#70
 Pentachlorophenol
 Concen: 66.617 ng
 RT: 11.139 min Scan# 1539
 Delta R.T. 0.000 min
 Lab File: BF136246.D
 Acq: 28 Nov 2023 13:31



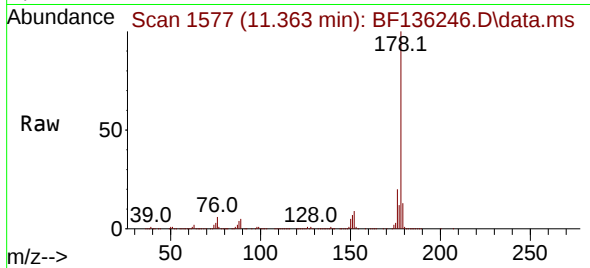
Tgt Ion:266 Resp: 322087
 Ion Ratio Lower Upper
 266 100
 268 61.2 47.9 71.9
 264 62.5 49.1 73.7





#71
Phenanthrene
Concen: 41.879 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

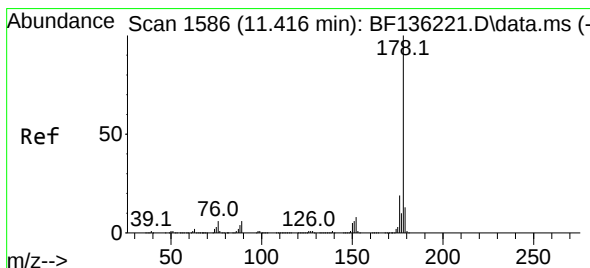
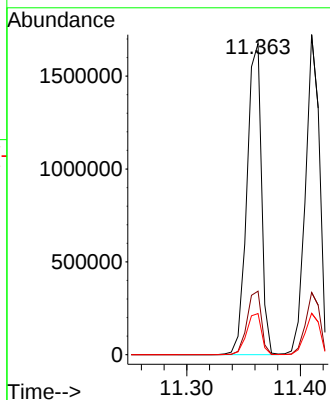
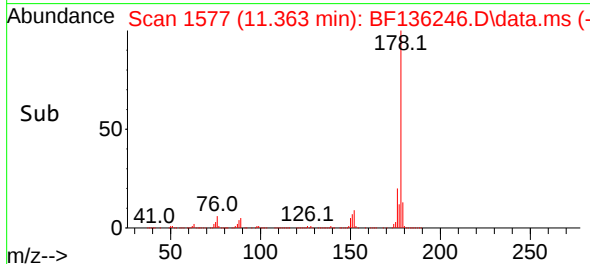
Instrument :
BNA_F
ClientSampleId :
PB156974BS



Tgt Ion:178 Resp: 1491052
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 13.2 10.3 15.5

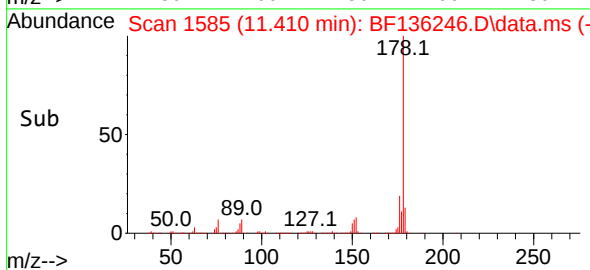
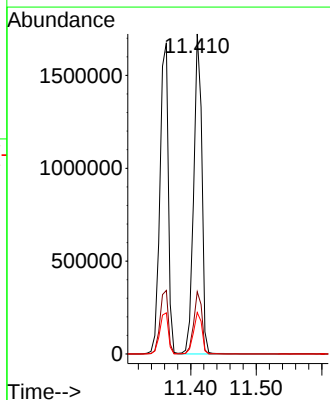
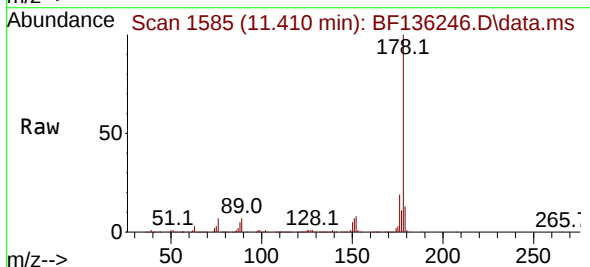
Manual Integrations
APPROVED

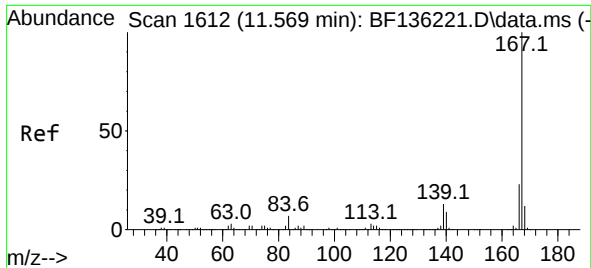
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 41.671 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

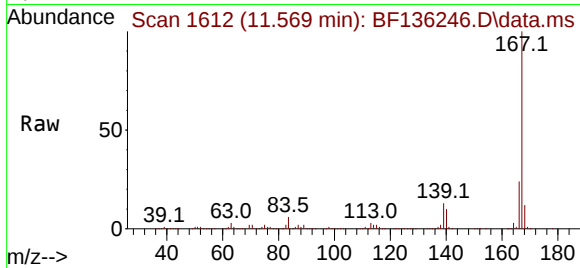
Tgt Ion:178 Resp: 1487853
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 12.9 10.5 15.7





#73
 Carbazole
 Concen: 31.656 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136246.D
 Acq: 28 Nov 2023 13:31

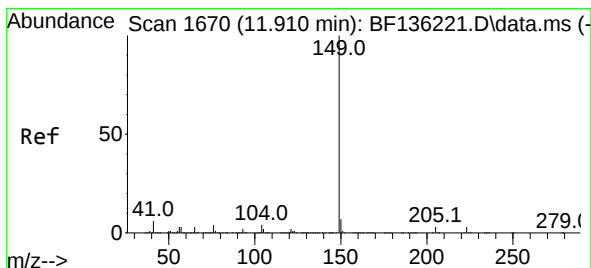
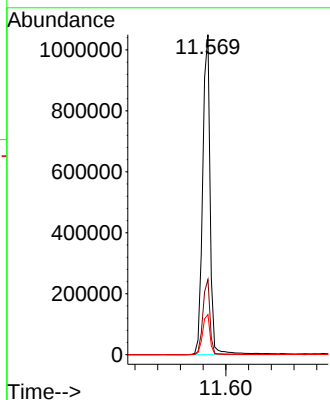
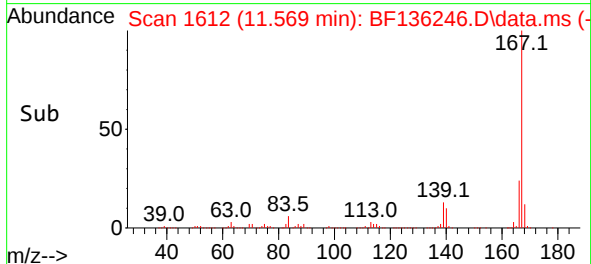
Instrument :
 BNA_F
 ClientSampleId :
 PB156974BS



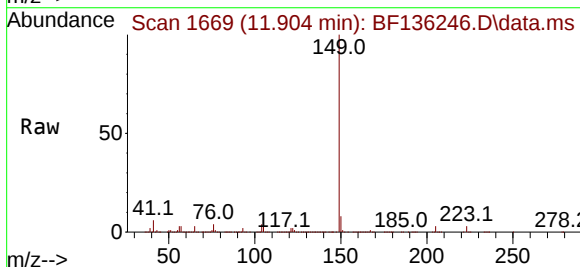
Tgt Ion:167 Resp: 961300
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.4 27.6
 139 12.6 10.5 15.7

Manual Integrations
 APPROVED

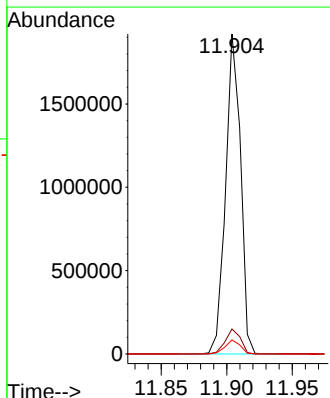
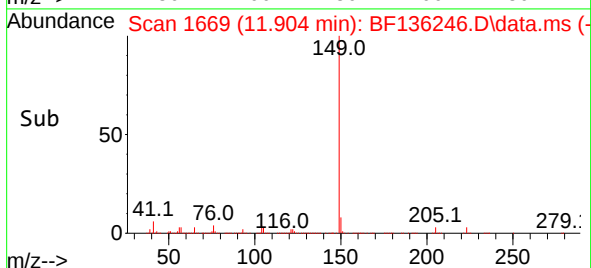
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

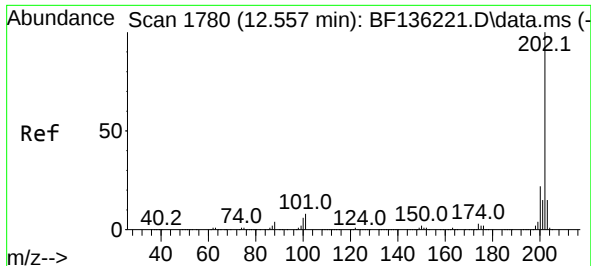


#74
 Di-n-butylphthalate
 Concen: 39.977 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136246.D
 Acq: 28 Nov 2023 13:31



Tgt Ion:149 Resp: 1518940
 Ion Ratio Lower Upper
 149 100
 150 7.8 6.0 9.0
 104 4.4 3.5 5.3





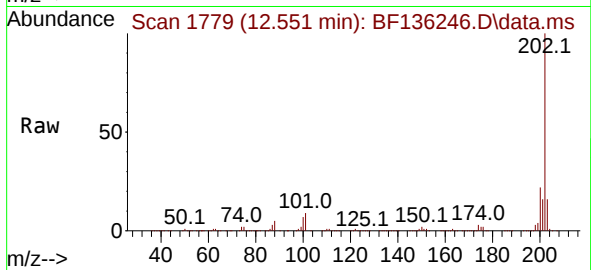
#75
Fluoranthene
Concen: 36.625 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



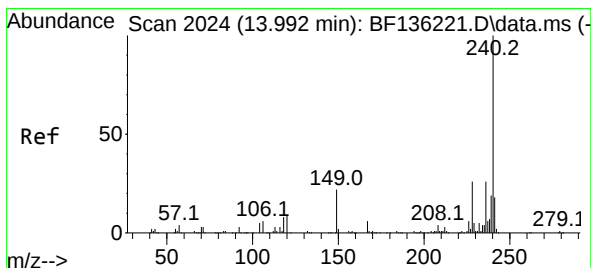
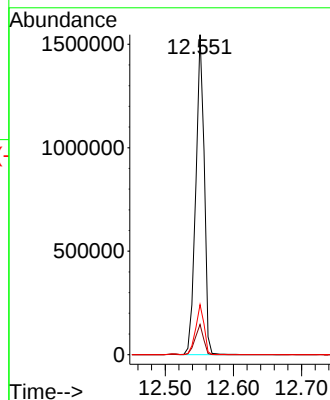
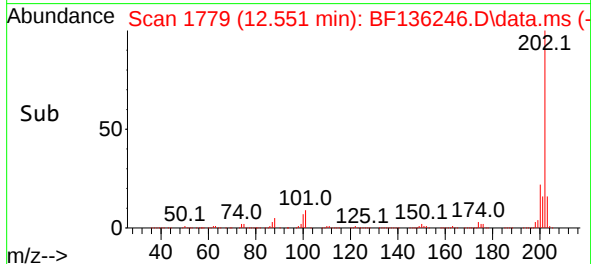
Tgt Ion:202 Resp: 1323764
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.8
203 15.6 0.0 34.5

Manual Integrations

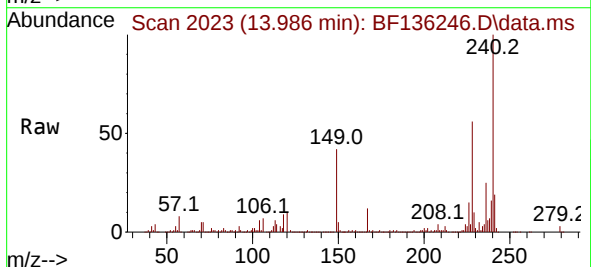
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

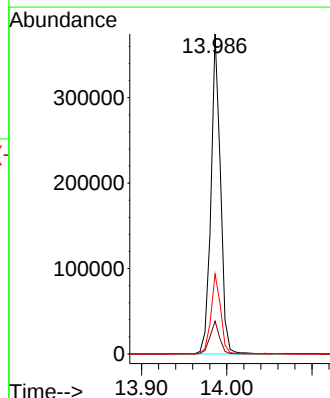
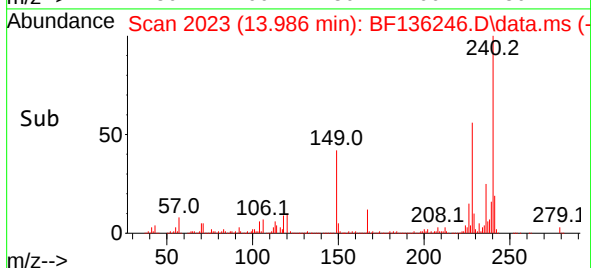
Supervised By :mohammad ahmed 12/01/2023

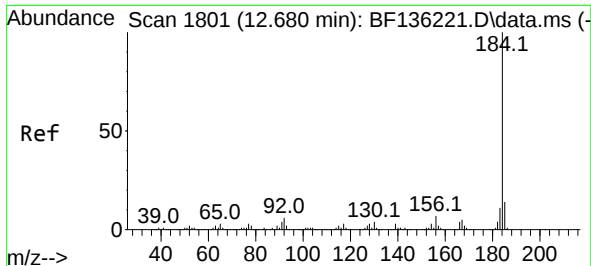


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



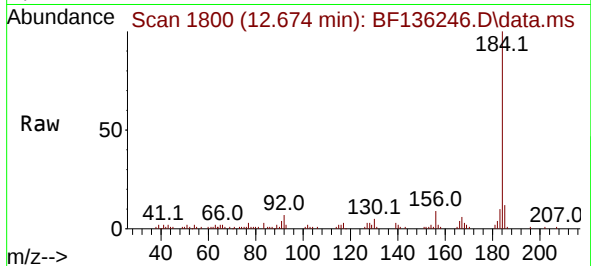
Tgt Ion:240 Resp: 290316
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.2
236 24.9 21.1 31.7





#77
Benzidine
Concen: 8.579 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

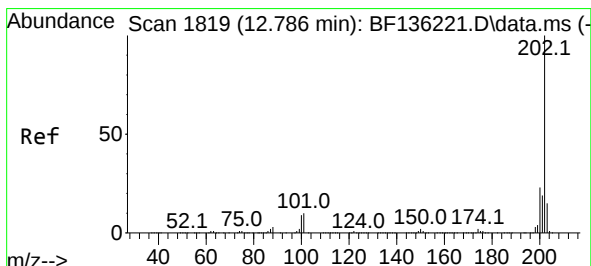
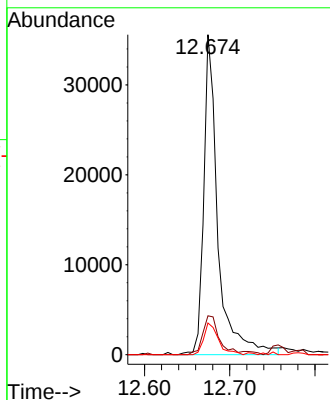
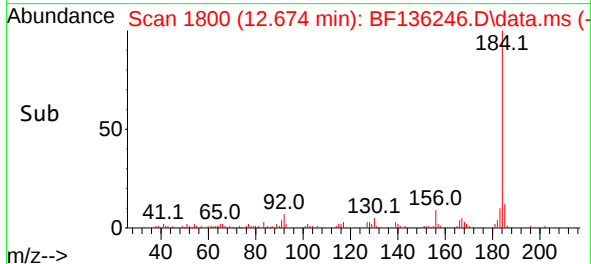
Instrument :
BNA_F
ClientSampleId :
PB156974BS



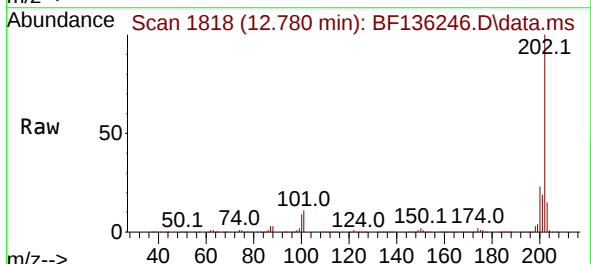
Tgt Ion:184 Resp: 4094
Ion Ratio Lower Upper
184 100
185 12.1 11.0 16.6
183 9.9 9.0 13.4

Manual Integrations
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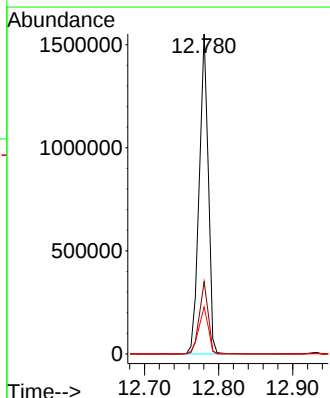
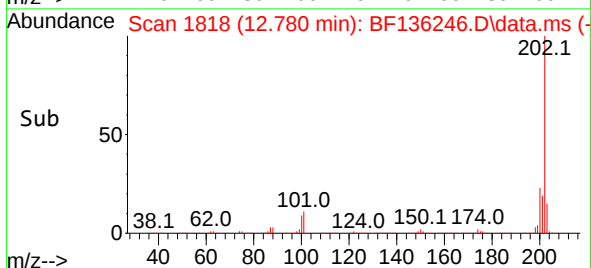
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

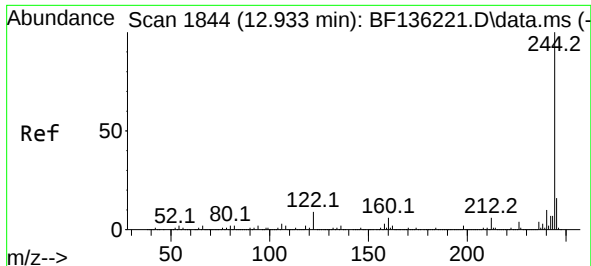


#78
Pyrene
Concen: 41.213 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:202 Resp: 1310352
Ion Ratio Lower Upper
202 100
200 22.6 18.4 27.6
203 14.7 11.8 17.6





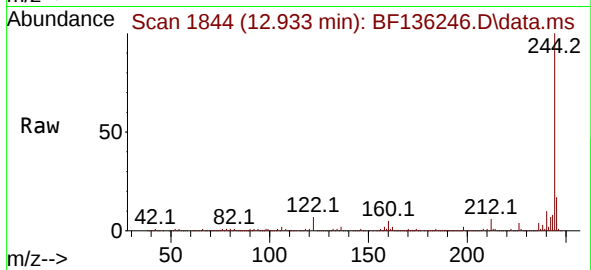
#79
 Terphenyl-d14
 Concen: 78.695 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136246.D
 Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



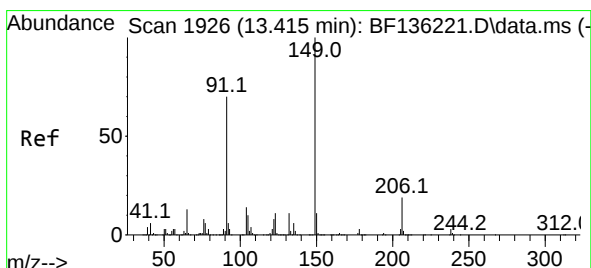
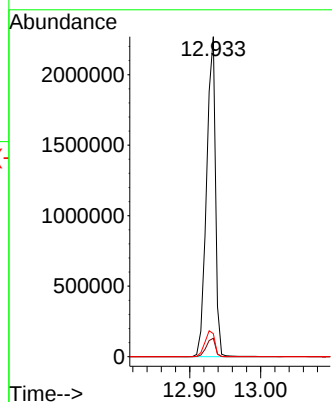
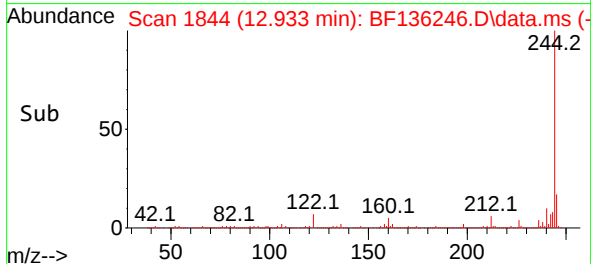
Tgt Ion:244 Resp: 1980630
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 7.2 7.3 10.9

Manual Integrations

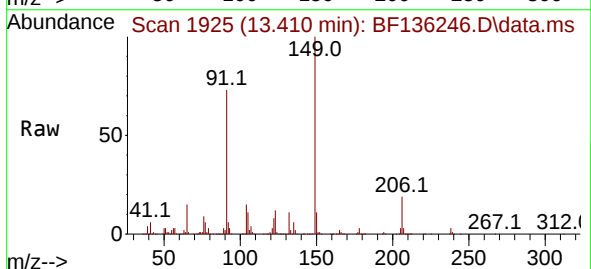
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

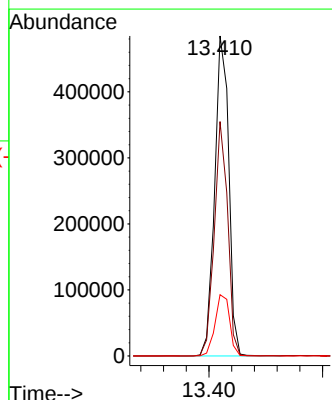
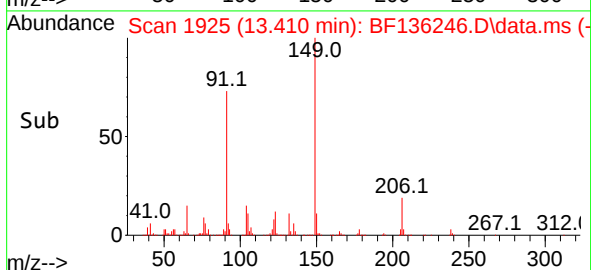
Supervised By :mohammad ahmed 12/01/2023

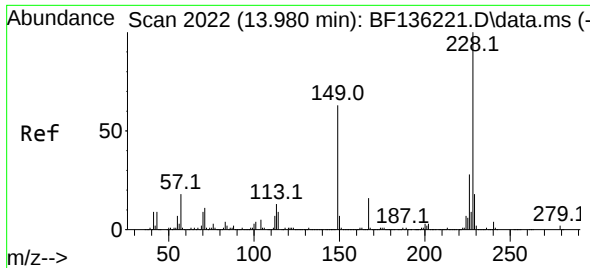


#80
 Butylbenzylphthalate
 Concen: 42.209 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136246.D
 Acq: 28 Nov 2023 13:31



Tgt Ion:149 Resp: 417671
 Ion Ratio Lower Upper
 149 100
 91 73.2 56.4 84.6
 206 19.2 14.8 22.2





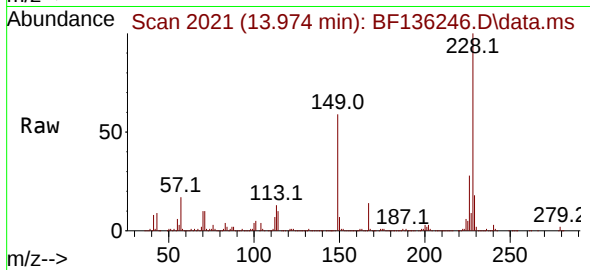
#81
Benzo(a)anthracene
Concen: 40.987 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

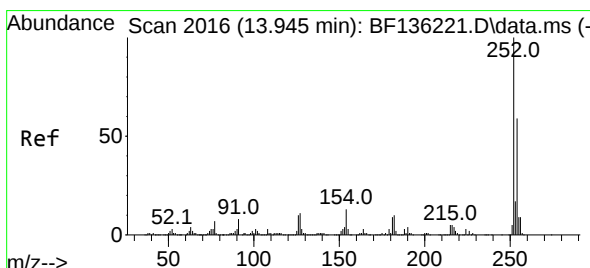
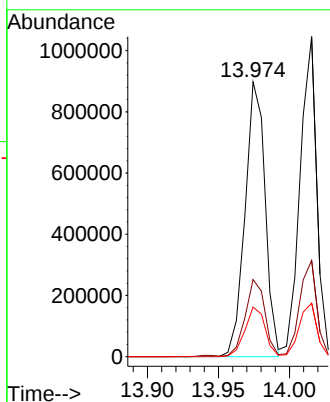
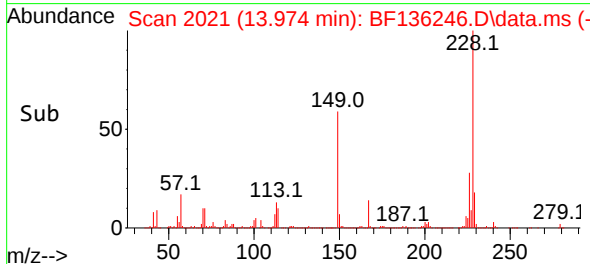
PB156974BS



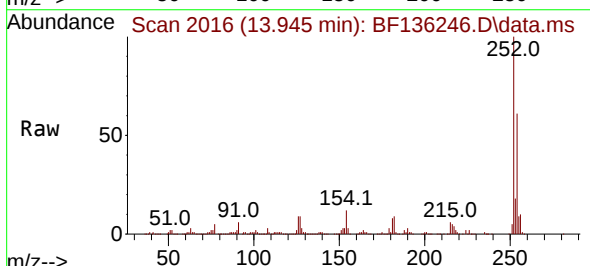
Tgt Ion:228 Resp: 88384
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 18.1 14.0 21.0

Manual Integrations
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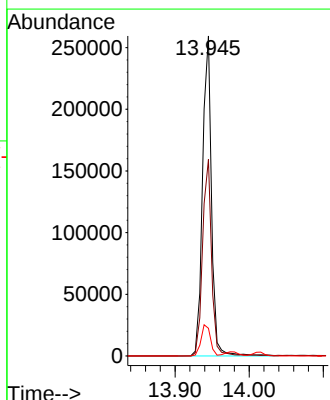
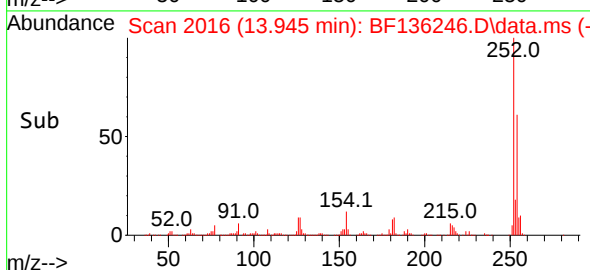
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

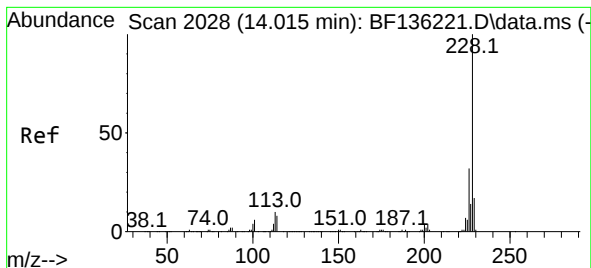


#82
3,3'-Dichlorobenzidine
Concen: 42.277 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:252 Resp: 219450
Ion Ratio Lower Upper
252 100
254 61.4 47.4 71.2
126 8.6 8.3 12.5





#83

Chrysene

Concen: 41.236 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

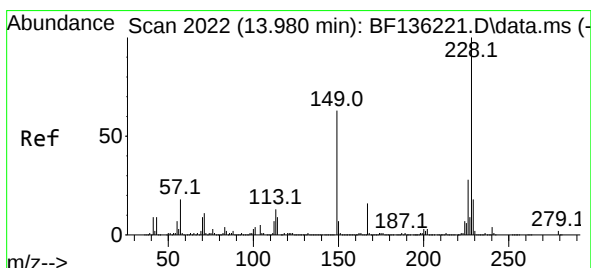
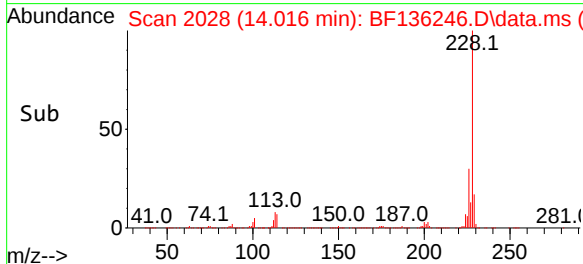
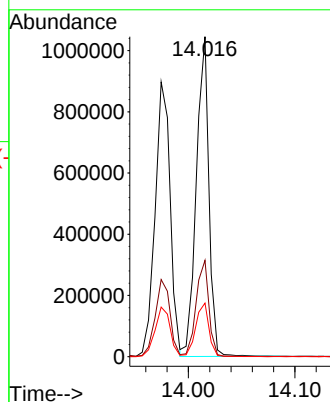
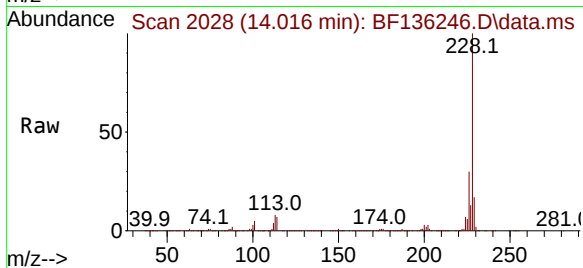
PB156974BS

Tgt Ion:228 Resp: 858569
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.5 38.3
 229 16.8 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.638 ng

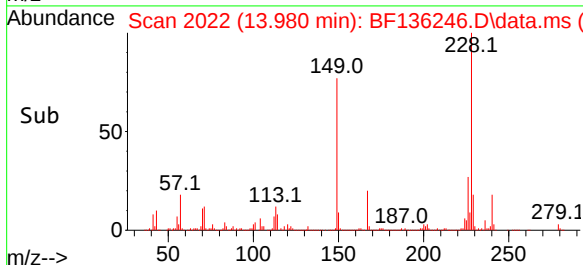
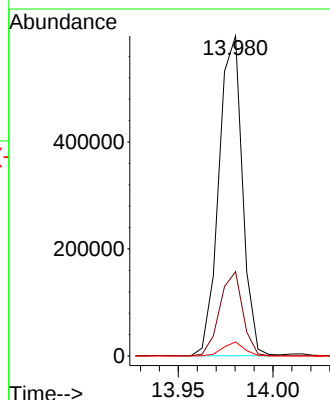
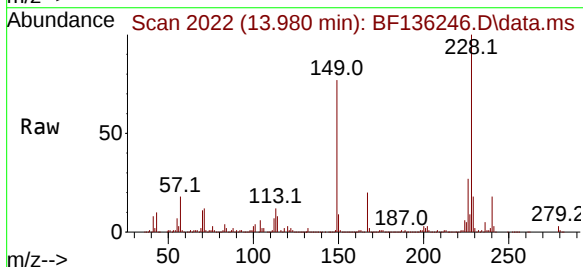
RT: 13.980 min Scan# 2022

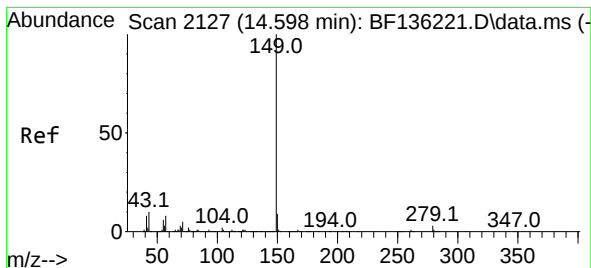
Delta R.T. 0.000 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Tgt Ion:149 Resp: 518227
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.2
 279 4.4 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 47.846 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

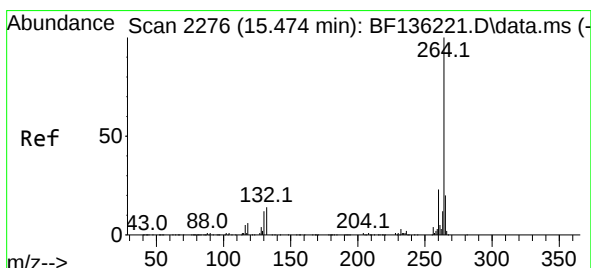
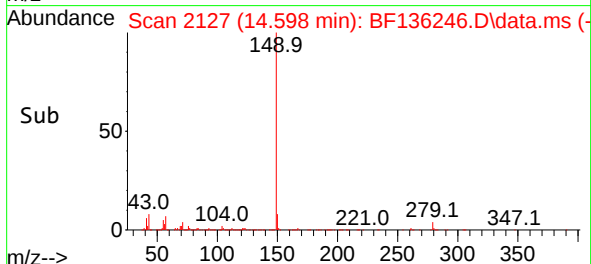
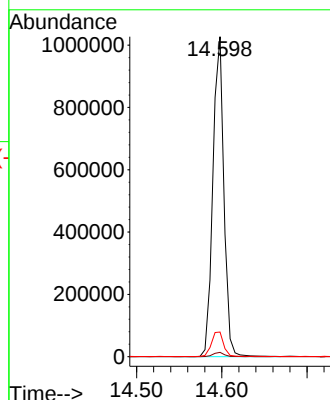
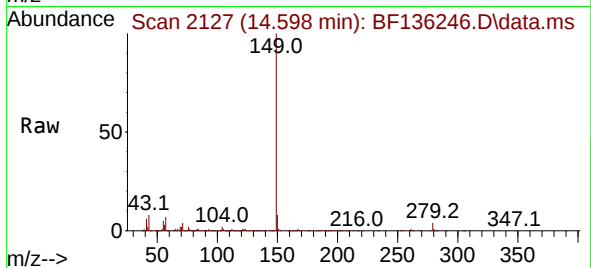
Tgt Ion:149 Resp: 922458
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

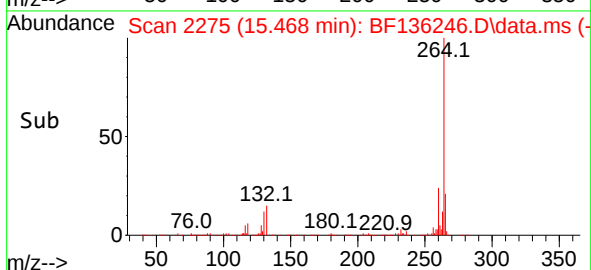
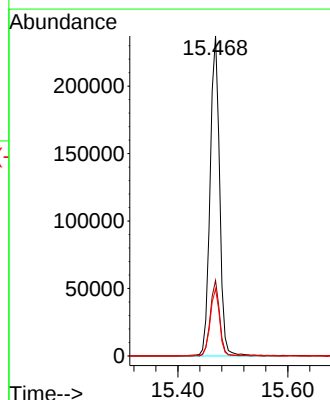
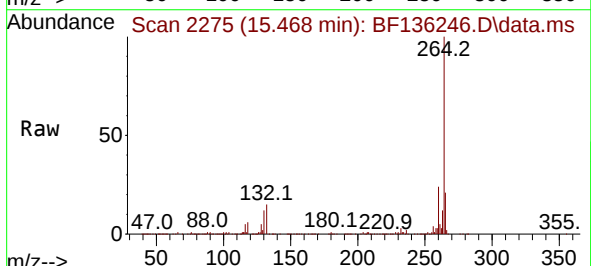
RT: 15.468 min Scan# 2275

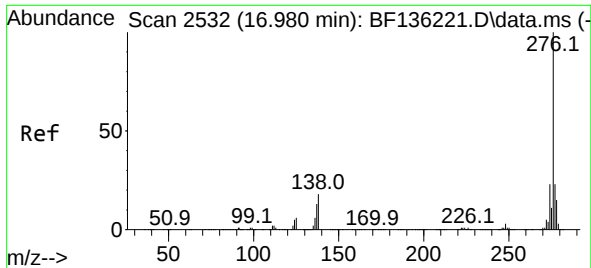
Delta R.T. -0.006 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Tgt Ion:264 Resp: 284711
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.0 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.856 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

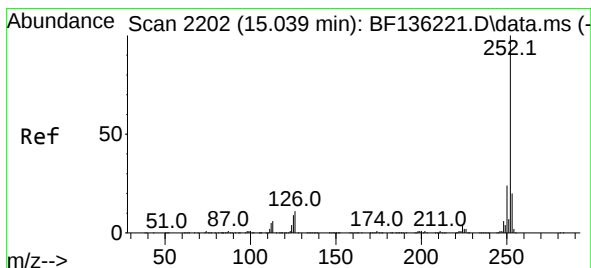
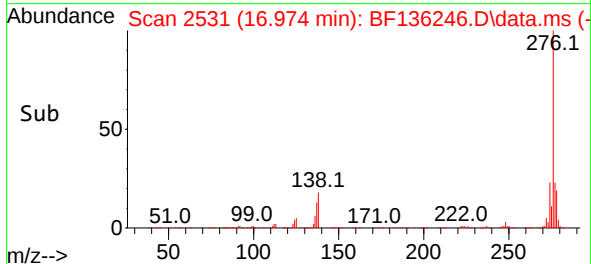
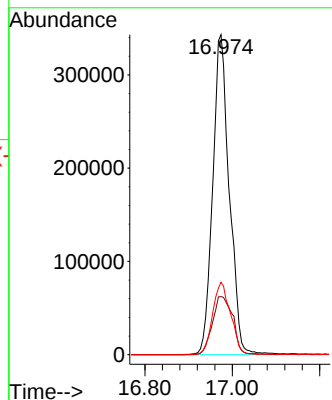
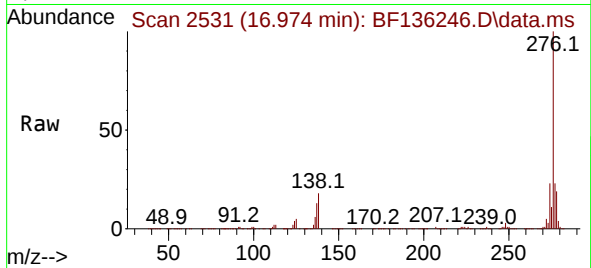
ClientSampleId :

PB156974BS

Tgt Ion:276 Resp: 90558
Ion Ratio Lower Upper
276 100
138 22.4 17.7 26.5
277 24.4 19.6 29.4

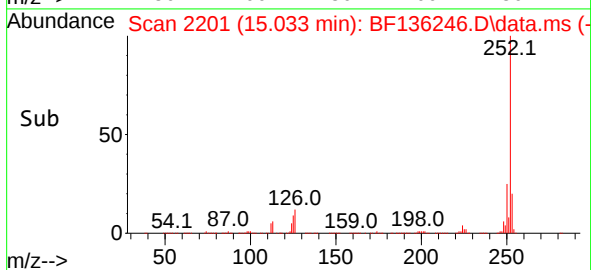
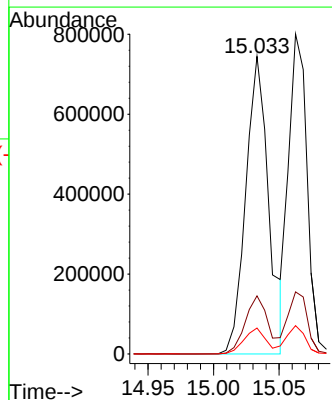
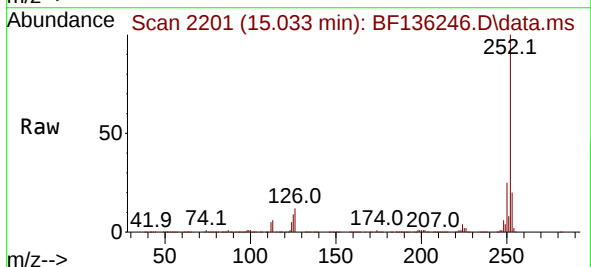
Manual Integrations
APPROVED

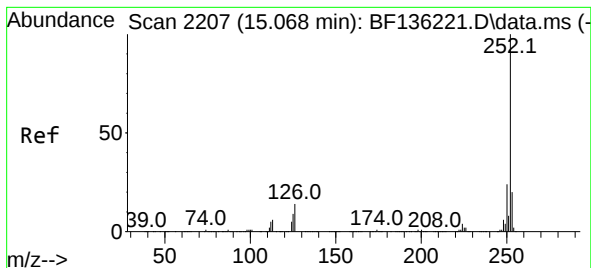
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#88
Benzo(b)fluoranthene
Concen: 45.363 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Tgt Ion:252 Resp: 906122
Ion Ratio Lower Upper
252 100
253 19.5 16.2 24.2
125 8.7 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 41.659 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS

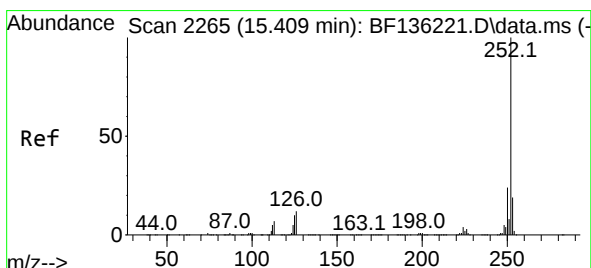
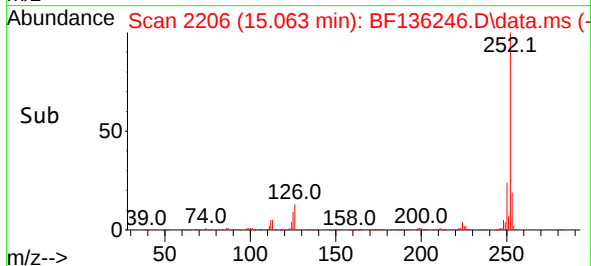
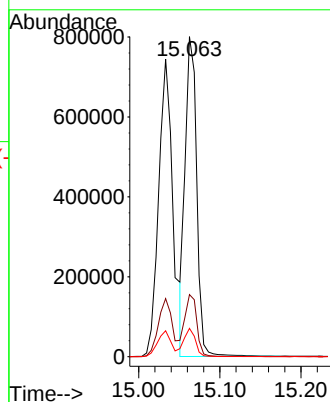
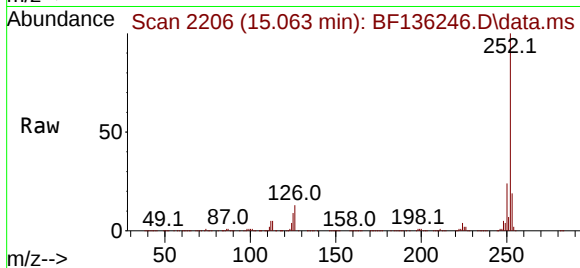
Tgt Ion:252 Resp: 790325
 Ion Ratio Lower Upper
 252 100
 253 19.4 15.6 23.4
 125 8.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#90

Benzo(a)pyrene

Concen: 44.907 ng

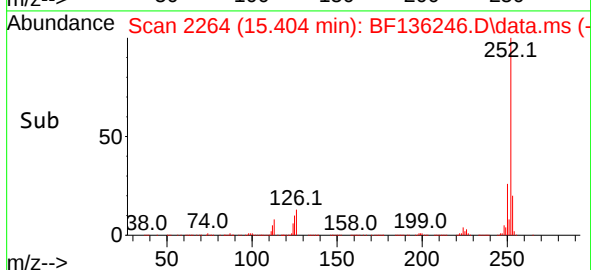
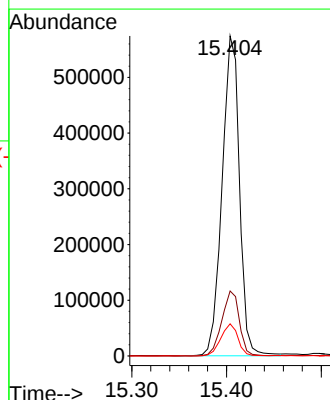
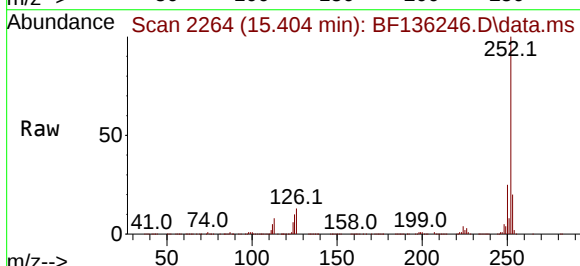
RT: 15.404 min Scan# 2264

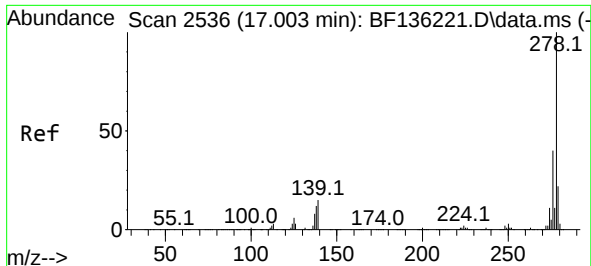
Delta R.T. -0.005 min

Lab File: BF136246.D

Acq: 28 Nov 2023 13:31

Tgt Ion:252 Resp: 733295
 Ion Ratio Lower Upper
 252 100
 253 20.3 15.5 23.3
 125 10.1 7.9 11.9





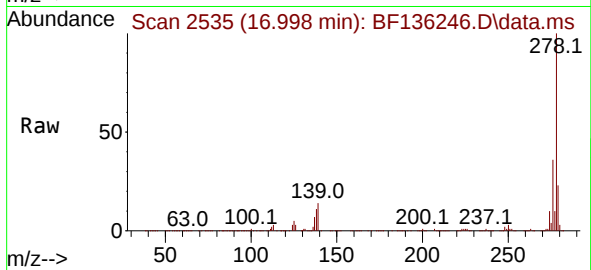
#91
Dibenzo(a,h)anthracene
Concen: 42.769 ng
RT: 16.998 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31

Instrument :

BNA_F

ClientSampleId :

PB156974BS



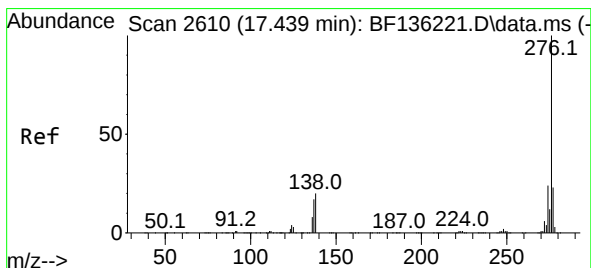
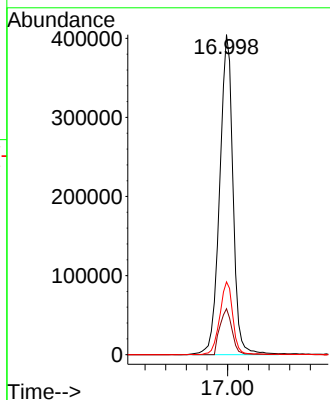
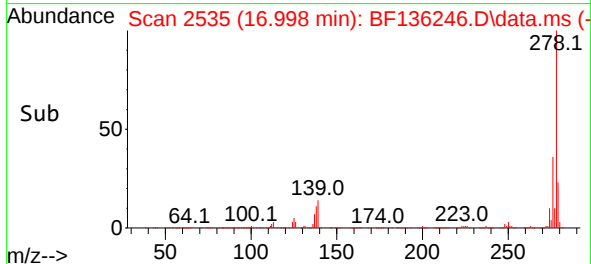
Tgt Ion:278 Resp: 725174
Ion Ratio Lower Upper
278 100
139 14.3 11.7 17.5
279 22.7 17.8 26.8

Manual Integrations

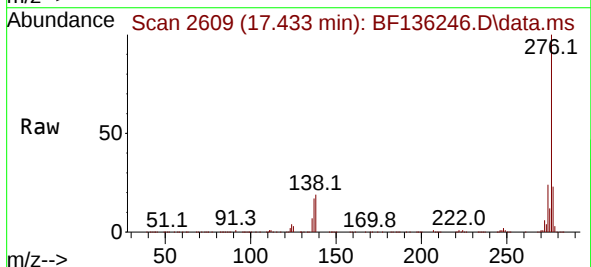
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 41.735 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136246.D
Acq: 28 Nov 2023 13:31



Tgt Ion:276 Resp: 710898
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 19.4 15.8 23.8

