

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136285.D
 Acq On : 29 Nov 2023 16:00
 Operator : CG\JU
 Sample : PB157073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157073BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 16:33:52 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	136499	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	579836	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	300931	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	552105	20.000	ng	0.00
76) Chrysene-d12	13.986	240	269199	20.000	ng	0.00
86) Perylene-d12	15.468	264	262179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	829450	84.577	ng	0.01
7) Phenol-d6	6.446	99	1012142	82.540	ng	0.00
23) Nitrobenzene-d5	7.369	82	959846	87.475	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	324879	88.303	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2016282	85.581	ng	0.00
79) Terphenyl-d14	12.933	244	2190942	93.879	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	133433	35.959	ng	98
3) Pyridine	3.434	79	329299	35.950	ng	98
4) n-Nitrosodimethylamine	3.405	42	185896	40.148	ng	98
6) Aniline	6.469	93	432541	37.320	ng	97
8) 2-Chlorophenol	6.593	128	481699	45.110	ng	93
9) Benzaldehyde	6.357	77	60793	8.895	ng	95
10) Phenol	6.457	94	584935	44.463	ng	96
11) bis(2-Chloroethyl)ether	6.546	93	432498	44.814	ng	99
12) 1,3-Dichlorobenzene	6.745	146	508084	41.928	ng	96
13) 1,4-Dichlorobenzene	6.822	146	524761	42.597	ng	97
14) 1,2-Dichlorobenzene	6.975	146	490542	42.061	ng	99
15) Benzyl Alcohol	6.951	79	374548	43.565	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	584579	43.608	ng	99
17) 2-Methylphenol	7.063	107	378383	45.072	ng	100
18) Hexachloroethane	7.316	117	178723	41.361	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	323679	44.134	ng	98
20) 3+4-Methylphenols	7.216	107	471466	43.212	ng	98
22) Acetophenone	7.216	105	682186	44.797	ng	# 95
24) Nitrobenzene	7.387	77	476218	42.827	ng	99
25) Isophorone	7.628	82	886253	44.793	ng	98
26) 2-Nitrophenol	7.704	139	240554	50.773	ng	92
27) 2,4-Dimethylphenol	7.740	122	350182	56.155	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	541985	45.287	ng	99
29) 2,4-Dichlorophenol	7.945	162	396109	47.093	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	443931	43.108	ng	98
31) Naphthalene	8.104	128	1448340	44.439	ng	98
32) Benzoic acid	7.875	122	274445	48.290	ng	99
33) 4-Chloroaniline	8.151	127	215592	19.461	ng	97
34) Hexachlorobutadiene	8.222	225	247926	41.151	ng	97
35) Caprolactam	8.534	113	117195m	49.842	ng	
36) 4-Chloro-3-methylphenol	8.640	107	413655	45.345	ng	99
37) 2-Methylnaphthalene	8.798	142	890409	43.553	ng	100
38) 1-Methylnaphthalene	8.898	142	861176	43.180	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	432276	45.136	ng	99
41) Hexachlorocyclopentadiene	8.951	237	506367	137.408	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	283652	45.631	ng	98

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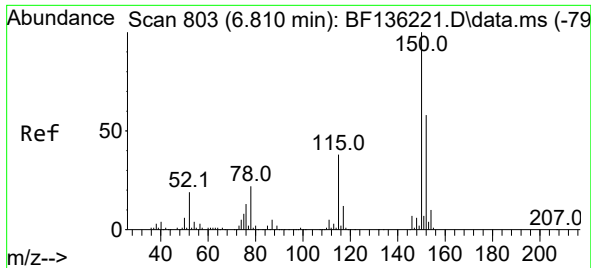
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	299529	44.154	ng	99
46) 1,1'-Biphenyl	9.263	154	1204368	45.383	ng	99
47) 2-Chloronaphthalene	9.287	162	897383	43.544	ng	98
48) 2-Nitroaniline	9.387	65	249798	46.426	ng	92
49) Acenaphthylene	9.704	152	1432722	48.715	ng	100
50) Dimethylphthalate	9.575	163	1043666	45.886	ng	100
51) 2,6-Dinitrotoluene	9.634	165	218050	46.927	ng	95
52) Acenaphthene	9.881	154	831418	44.735	ng	98
53) 3-Nitroaniline	9.798	138	142771	30.966	ng	100
54) 2,4-Dinitrophenol	9.910	184	230651	106.729	ng	97
55) Dibenzofuran	10.051	168	1258845	45.518	ng	100
56) 4-Nitrophenol	9.969	139	324274	92.605	ng	96
57) 2,4-Dinitrotoluene	10.039	165	297930	48.000	ng	98
58) Fluorene	10.398	166	969348	44.685	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	258746	47.938	ng	99
60) Diethylphthalate	10.275	149	1023541	44.987	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	458549	43.527	ng	94
62) 4-Nitroaniline	10.422	138	210391	46.619	ng	97
63) Azobenzene	10.551	77	937150	44.430	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	150162	49.736	ng	95
66) n-Nitrosodiphenylamine	10.510	169	851087	48.103	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	298117	46.283	ng	95
68) Hexachlorobenzene	10.945	284	342926	46.001	ng	98
69) Atrazine	11.045	200	285867	54.466	ng	99
70) Pentachlorophenol	11.139	266	375098	89.015	ng	97
71) Phenanthrene	11.363	178	1495184	48.184	ng	99
72) Anthracene	11.416	178	1539164	49.462	ng	100
73) Carbazole	11.569	167	1228815	46.429	ng	99
74) Di-n-butylphthalate	11.904	149	1633294	49.322	ng	100
75) Fluoranthene	12.551	202	1440587	45.731	ng	97
77) Benzidine	12.675	184	247757	55.988	ng	98
78) Pyrene	12.786	202	1452509	49.268	ng	99
80) Butylbenzylphthalate	13.410	149	474071	51.667	ng	98
81) Benzo(a)anthracene	13.974	228	937928	46.908	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	191198	39.724	ng	94
83) Chrysene	14.016	228	895353	46.376	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	544781	49.473	ng	100
85) Di-n-octyl phthalate	14.592	149	866445	48.399	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	880006	45.077	ng	100
88) Benzo(b)fluoranthene	15.033	252	855165	46.491	ng	99
89) Benzo(k)fluoranthene	15.063	252	728661	41.709	ng	99
90) Benzo(a)pyrene	15.404	252	700819	46.607	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	714972	45.600	ng	99
92) Benzo(g,h,i)perylene	17.439	276	684221	43.535	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

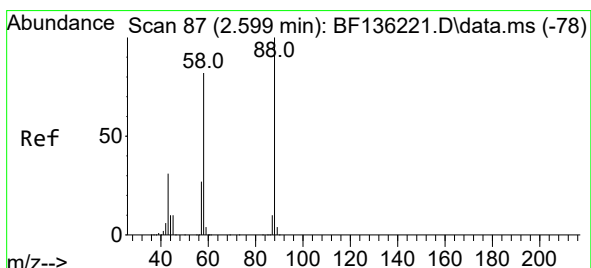
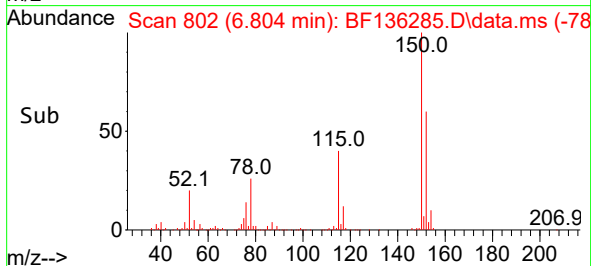
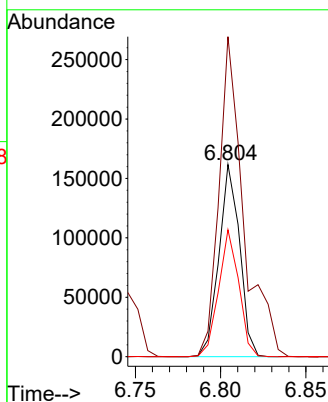
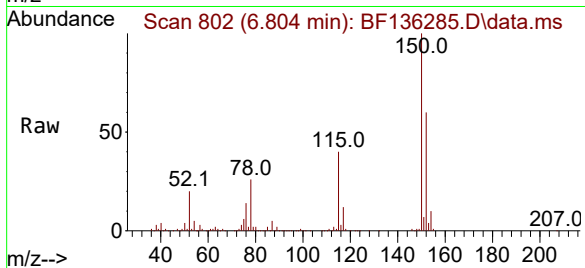
ClientSampleId :

PB157073BS

Tgt Ion:152 Resp: 136499
 Ion Ratio Lower Upper
 152 100
 150 166.5 137.8 206.8
 115 66.0 52.7 79.1

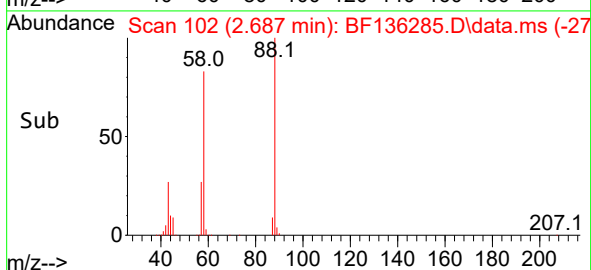
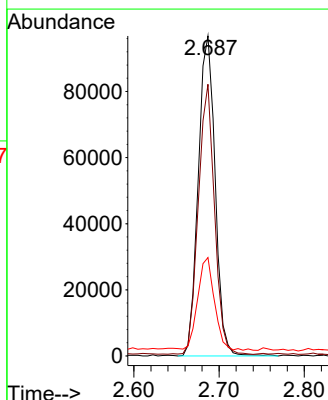
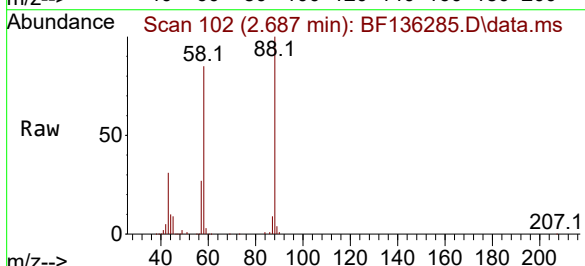
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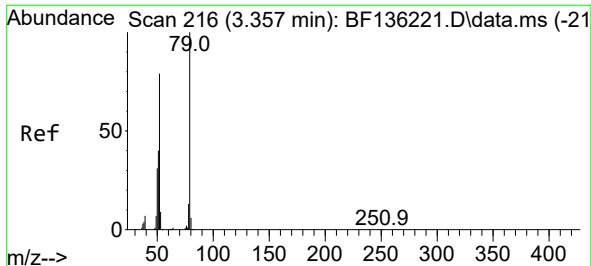
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#2
 1,4-Dioxane
 Concen: 35.959 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.088 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00

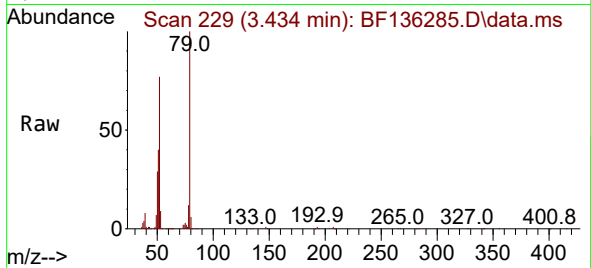
Tgt Ion: 88 Resp: 133433
 Ion Ratio Lower Upper
 88 100
 58 80.8 65.9 98.9
 43 28.9 24.8 37.2





#3
Pyridine
Concen: 35.950 ng
RT: 3.434 min Scan# 216
Delta R.T. 0.077 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

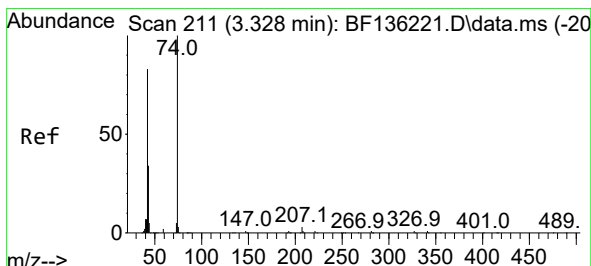
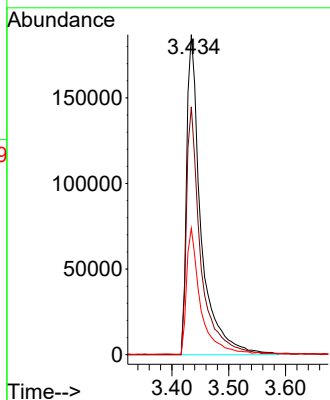
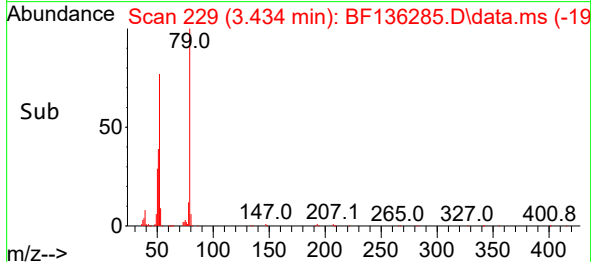
Instrument :
BNA_F
ClientSampleId :
PB157073BS



Tgt Ion: 79 Resp: 329299
Ion Ratio Lower Upper
79 100
52 77.4 63.2 94.8
51 39.5 32.6 49.0

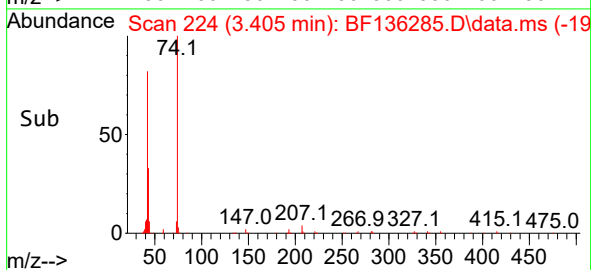
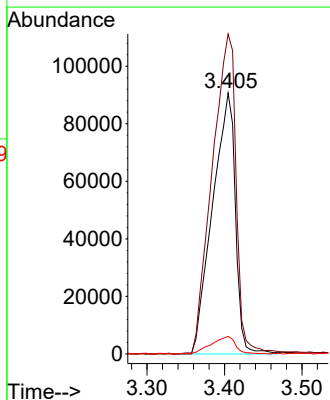
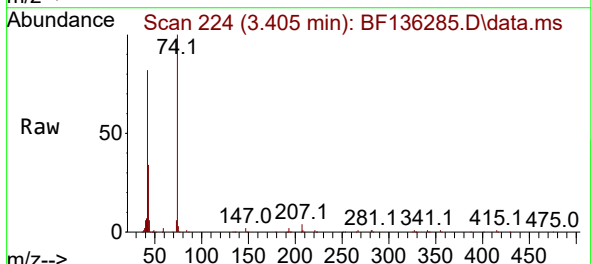
Manual Integrations
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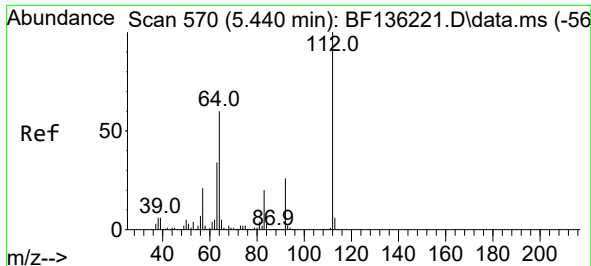
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#4
n-Nitrosodimethylamine
Concen: 40.148 ng
RT: 3.405 min Scan# 224
Delta R.T. 0.077 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

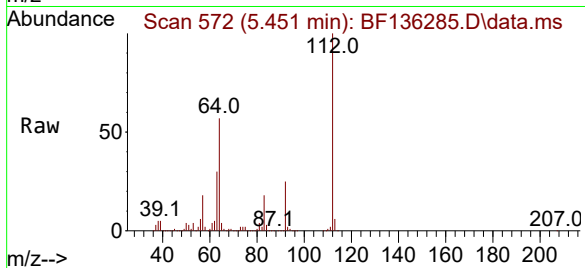
Tgt Ion: 42 Resp: 185896
Ion Ratio Lower Upper
42 100
74 122.6 96.6 144.8
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 84.577 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

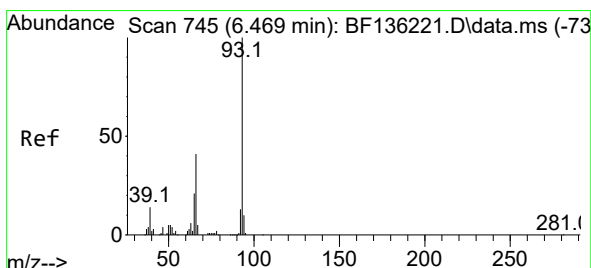
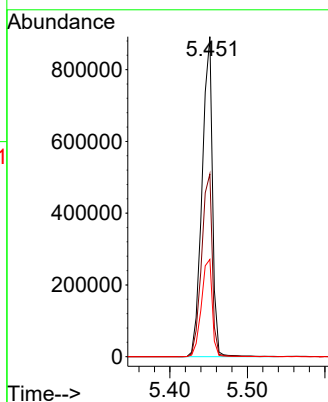
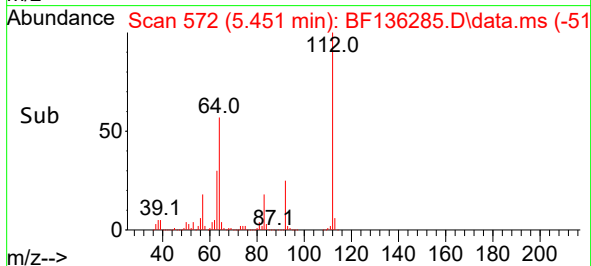
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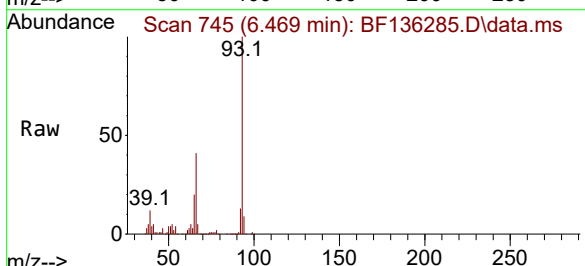
Tgt Ion:112 Resp: 829450
Ion Ratio Lower Upper
112 100
64 57.1 48.2 72.4
63 30.4 27.0 40.6

Manual Integrations
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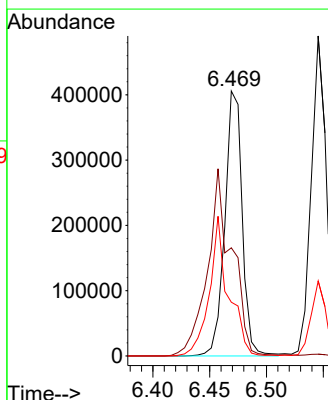
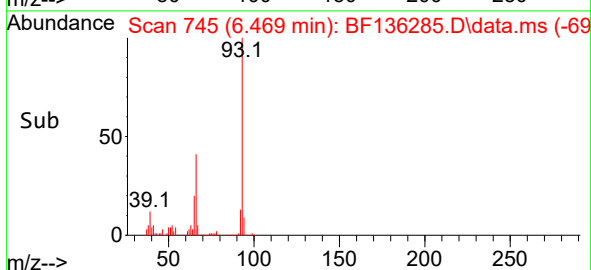
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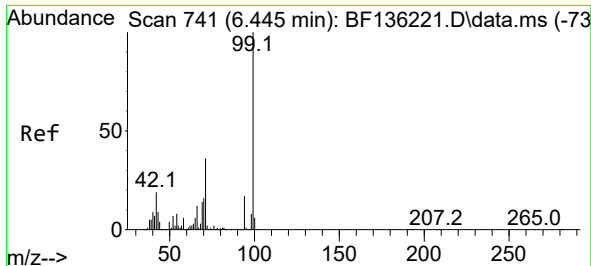


#6
Aniline
Concen: 37.320 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



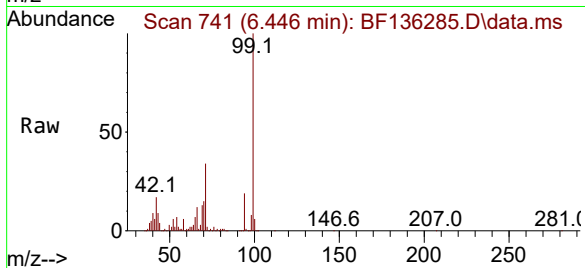
Tgt Ion: 93 Resp: 432541
Ion Ratio Lower Upper
93 100
66 40.9 34.1 51.1
65 20.3 17.3 25.9





#7
Phenol-d6
Concen: 82.540 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

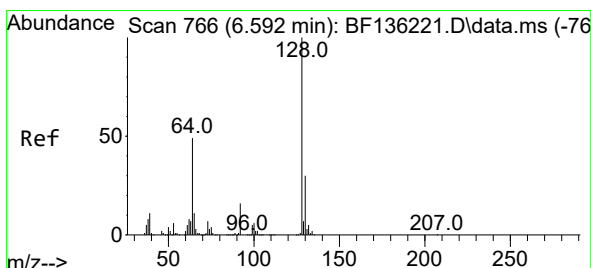
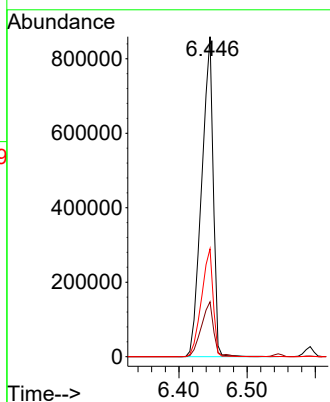
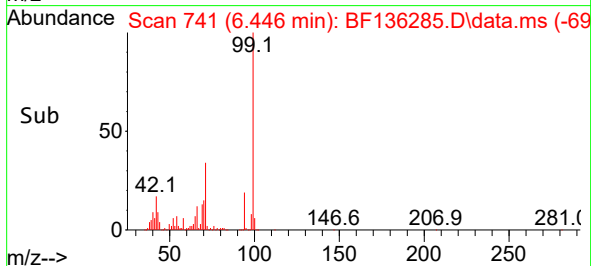
Instrument :
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PB157073BS



Tgt Ion: 99 Resp: 101214
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.6
71 33.7 28.9 43.3

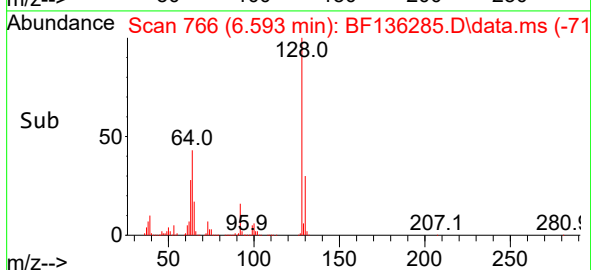
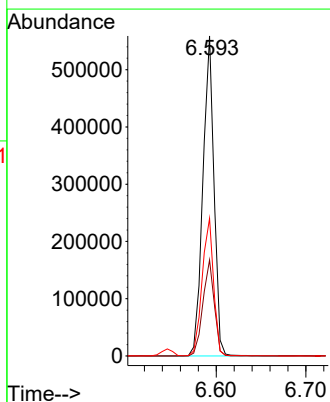
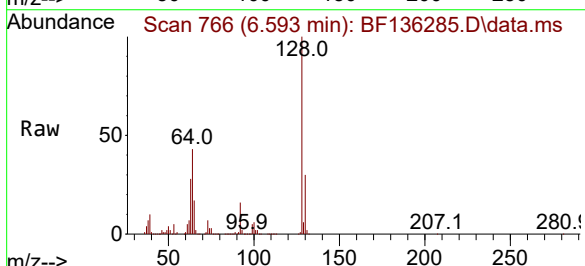
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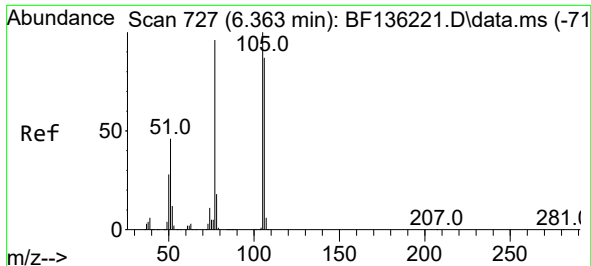
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 45.110 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

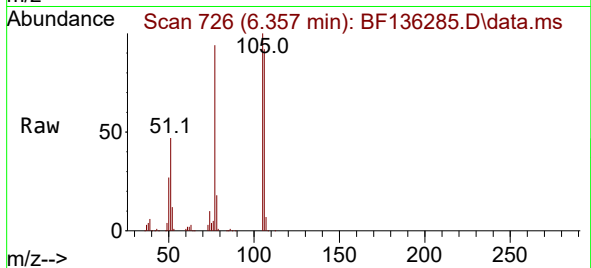
Tgt Ion:128 Resp: 481699
Ion Ratio Lower Upper
128 100
130 30.0 10.3 50.3
64 43.0 30.0 70.0





#9
Benzaldehyde
Concen: 8.895 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

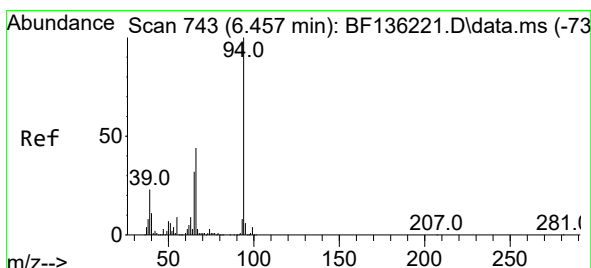
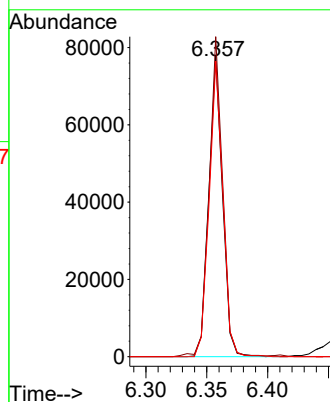
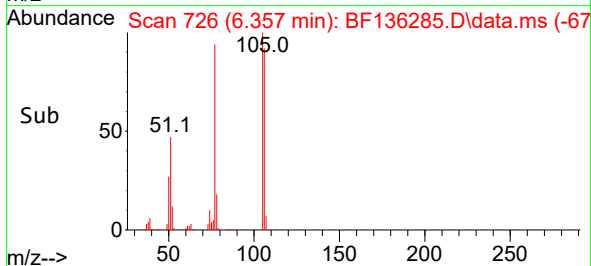
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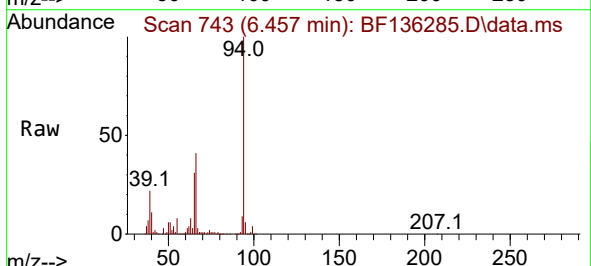
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Ion Ratio Lower Upper
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105 106.2 84.3 124.3
106 98.1 71.0 111.0

Manual Integrations
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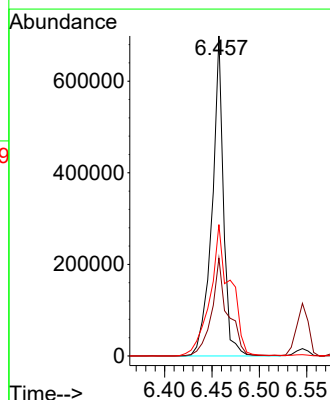
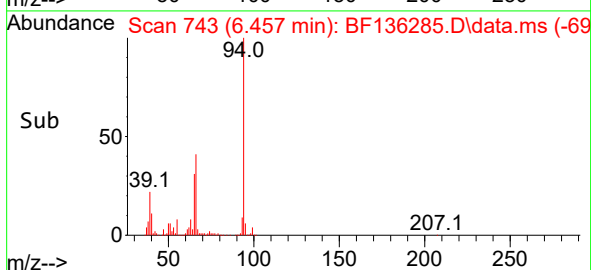
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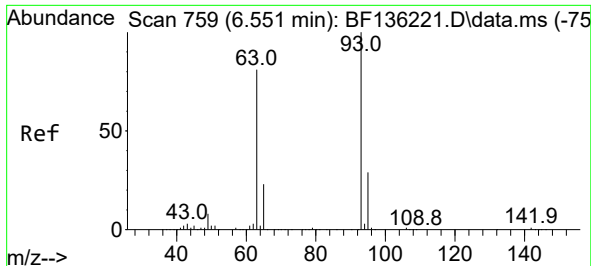


#10
Phenol
Concen: 44.463 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



Tgt Ion: 94 Resp: 584935
Ion Ratio Lower Upper
94 100
65 30.6 12.5 52.5
66 41.0 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 44.814 ng

RT: 6.546 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

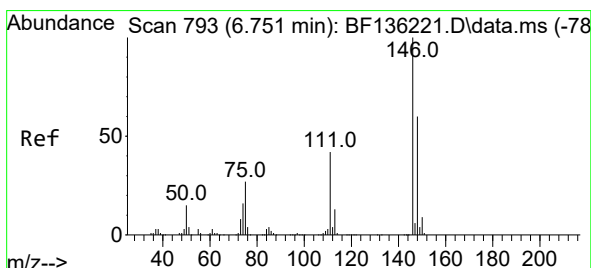
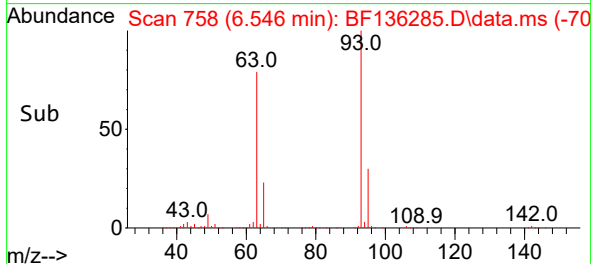
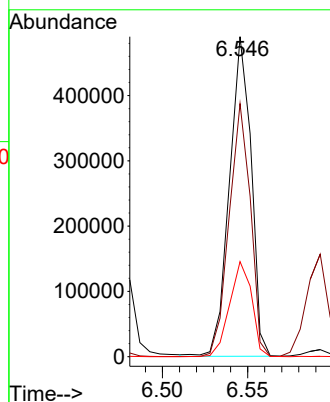
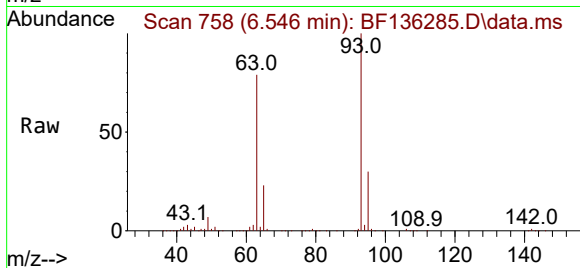
ClientSampleId :

PB157073BS

Tgt Ion: 93 Resp: 432498
 Ion Ratio Lower Upper
 93 100
 63 79.1 60.2 100.2
 95 29.7 9.1 49.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#12

1,3-Dichlorobenzene

Concen: 41.928 ng

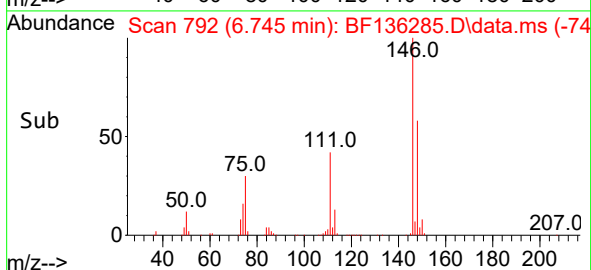
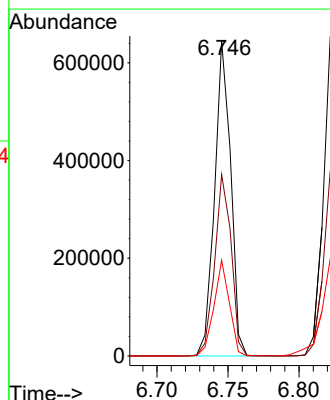
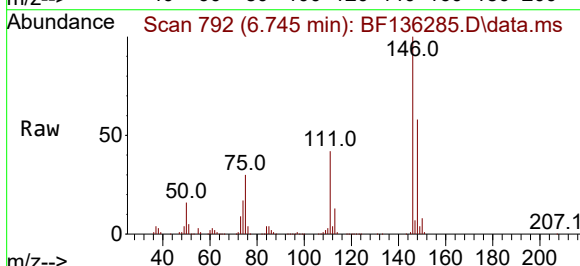
RT: 6.745 min Scan# 792

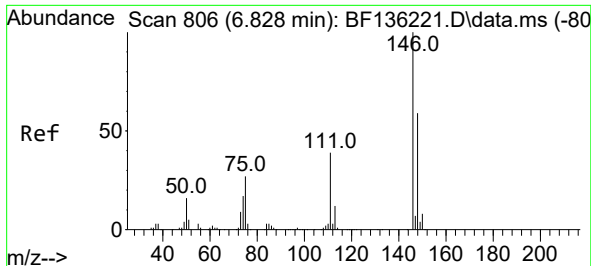
Delta R.T. -0.006 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

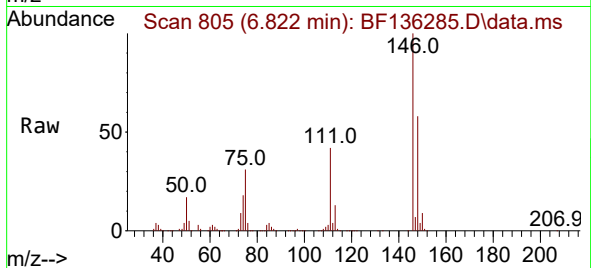
Tgt Ion:146 Resp: 508084
 Ion Ratio Lower Upper
 146 100
 148 57.6 47.8 71.6
 75 30.3 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 42.597 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

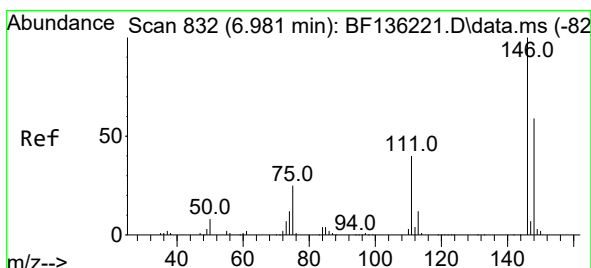
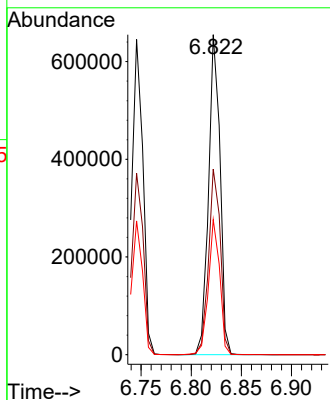
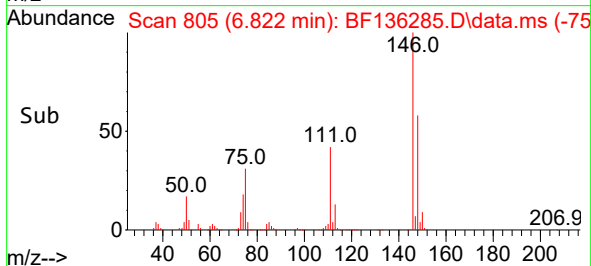
Instrument :
BNA_F
ClientSampleId :
PB157073BS



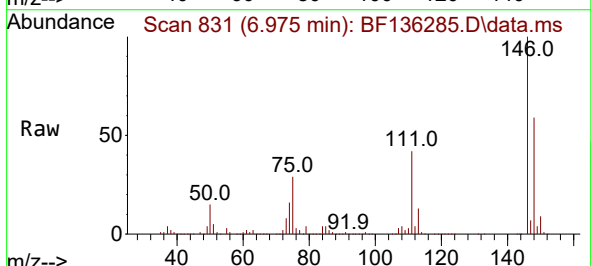
Tgt Ion:146 Resp: 52476
Ion Ratio Lower Upper
146 100
148 58.0 47.0 70.6
111 42.2 31.5 47.3

Manual Integrations
APPROVED

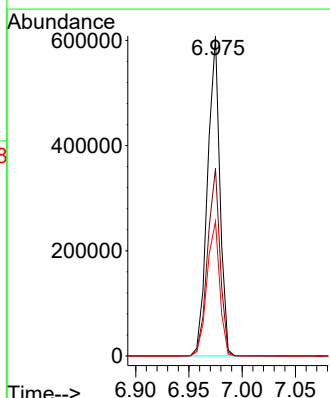
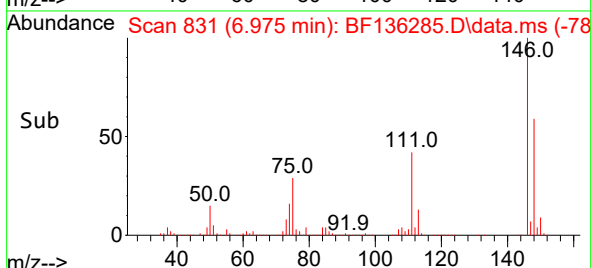
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

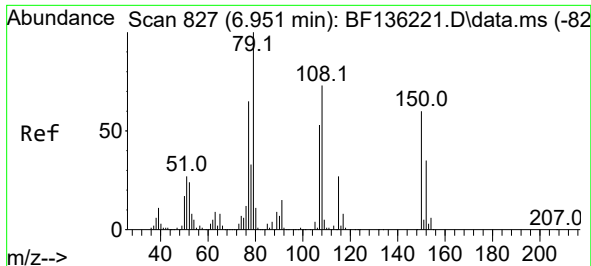


#14
1,2-Dichlorobenzene
Concen: 42.061 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



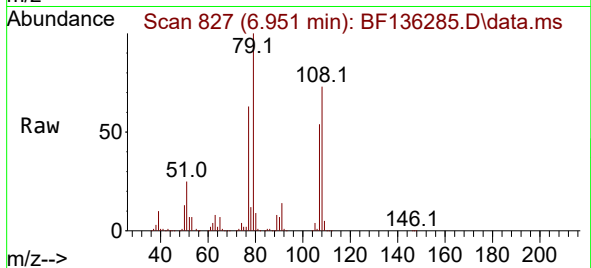
Tgt Ion:146 Resp: 490542
Ion Ratio Lower Upper
146 100
148 58.6 47.3 70.9
111 42.0 32.4 48.6





#15
Benzyl Alcohol
Concen: 43.565 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

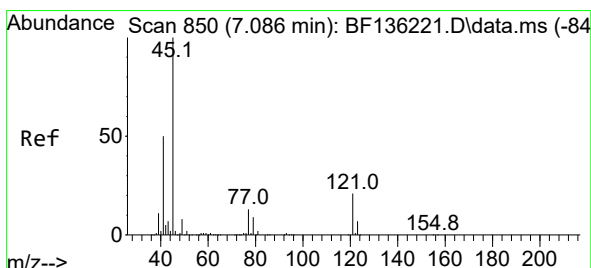
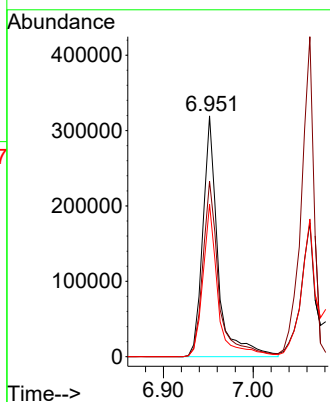
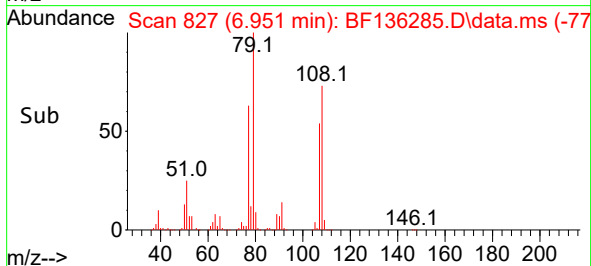
Instrument :
BNA_F
ClientSampleId :
PB157073BS



Tgt Ion: 79 Resp: 374548
Ion Ratio Lower Upper
79 100
108 72.9 58.1 87.1
77 63.3 51.8 77.8

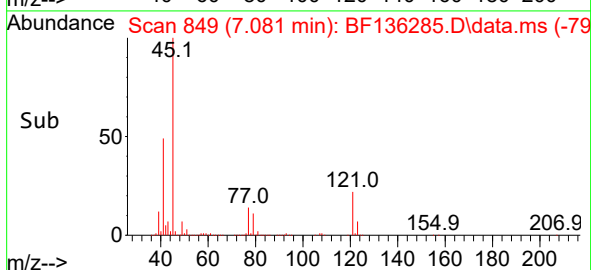
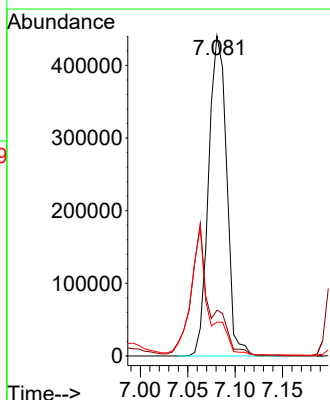
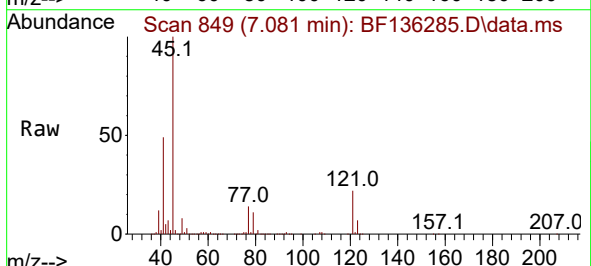
Manual Integrations
APPROVED

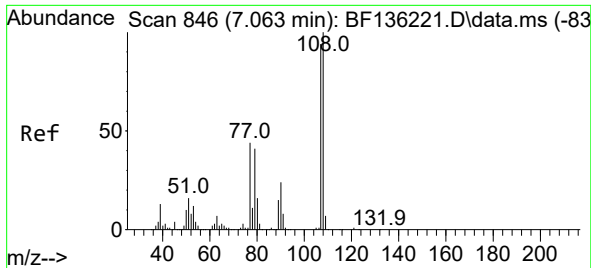
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.608 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion: 45 Resp: 584579
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 10.5 0.0 30.1





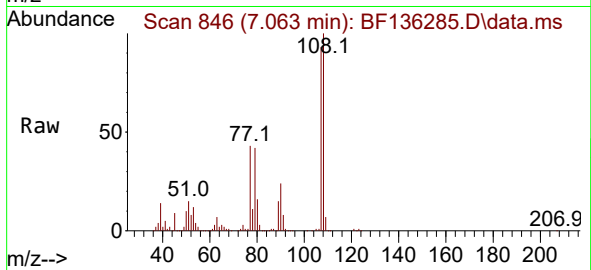
#17
2-Methylphenol
Concen: 45.072 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

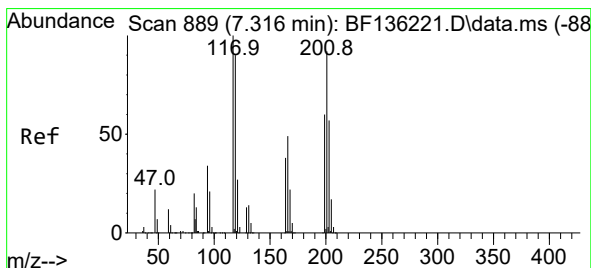
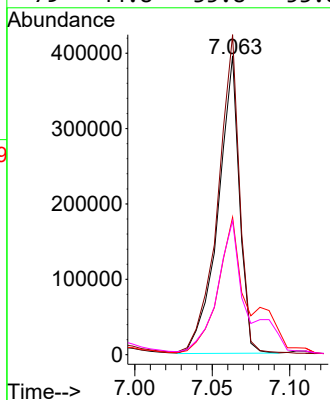
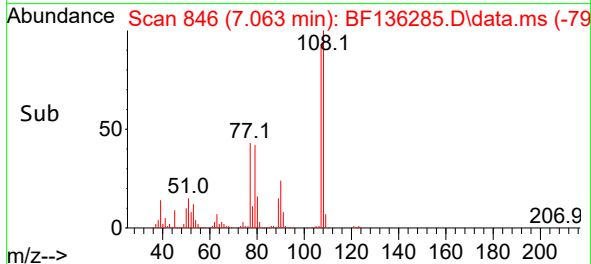


Tgt Ion:107 Resp: 37838
Ion Ratio Lower Upper
107 100
108 107.1 85.4 128.0
77 46.0 37.4 56.2
79 44.8 35.8 53.8

Manual Integrations

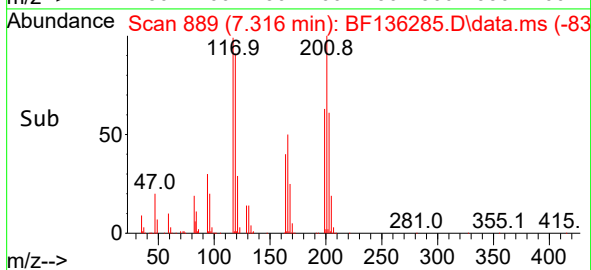
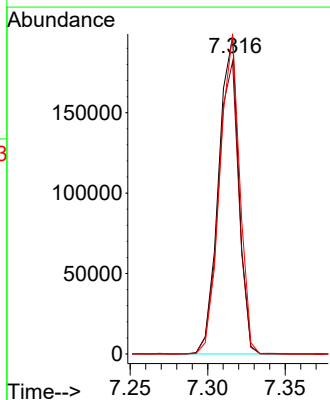
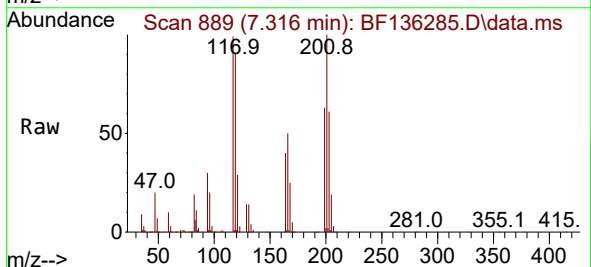
APPROVED

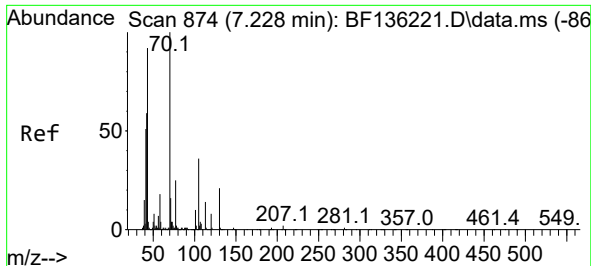
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 41.361 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:117 Resp: 178723
Ion Ratio Lower Upper
117 100
119 92.2 71.6 107.4
201 100.9 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.134 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136285.D

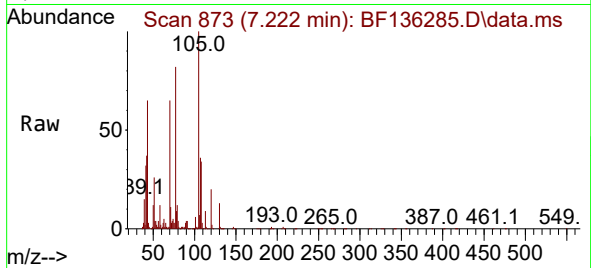
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS



Tgt Ion: 70 Resp: 323679

Ion Ratio Lower Upper

70 100

42 57.3 47.0 70.4

101 9.9 7.8 11.8

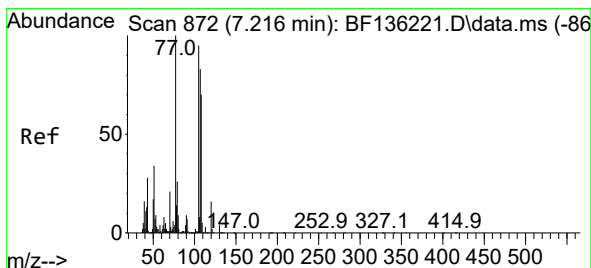
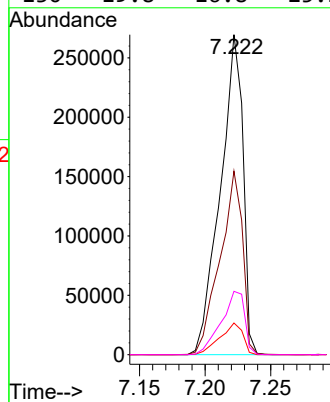
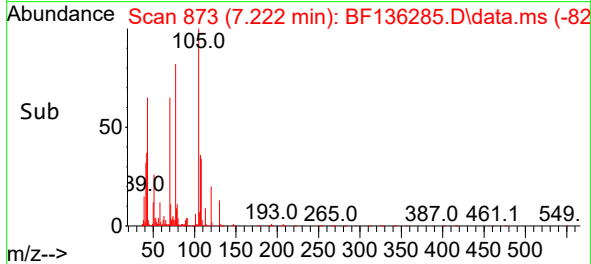
130 19.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#20

3+4-Methylphenols

Concen: 43.212 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Tgt Ion:107 Resp: 471466

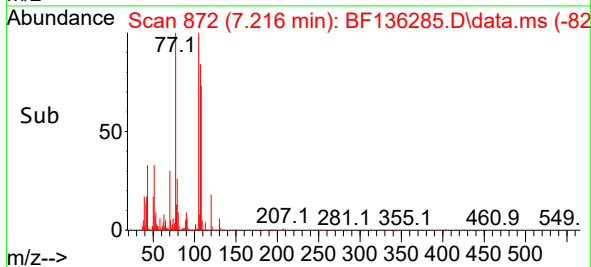
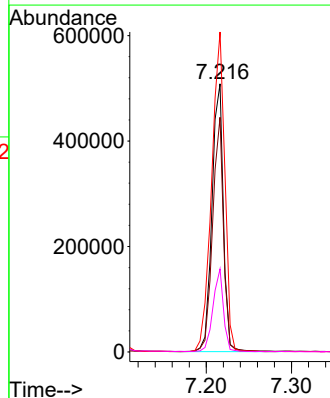
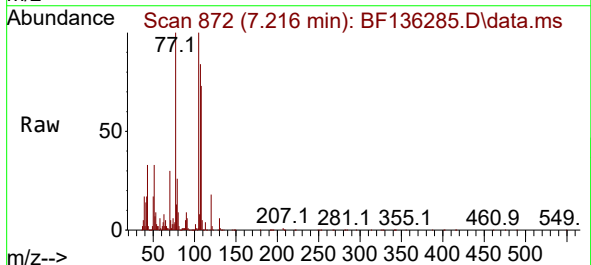
Ion Ratio Lower Upper

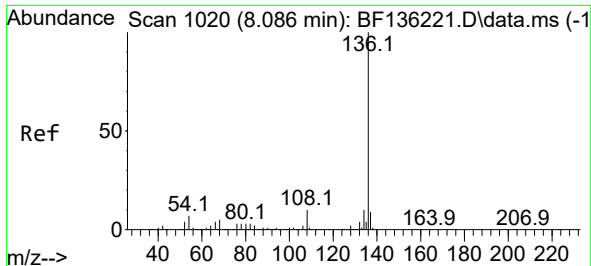
107 100

108 87.5 63.9 103.9

77 119.3 100.2 140.2

79 31.0 11.1 51.1





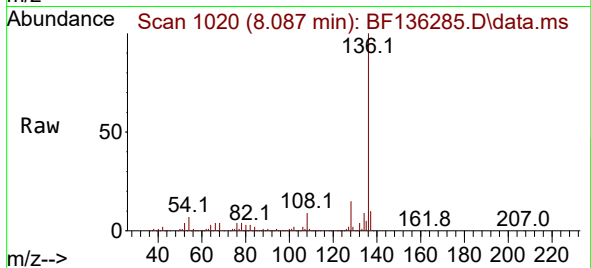
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

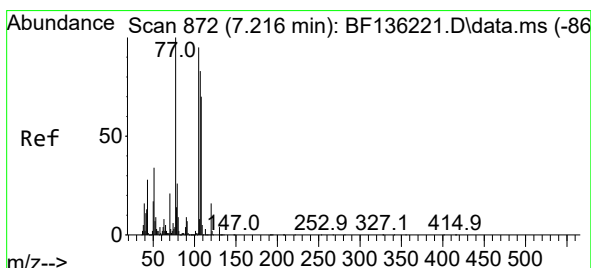
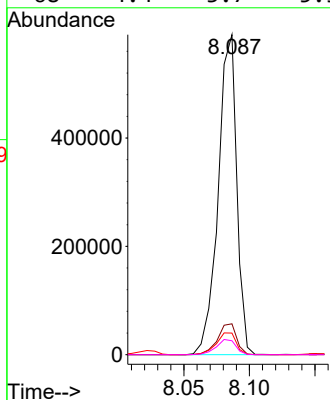
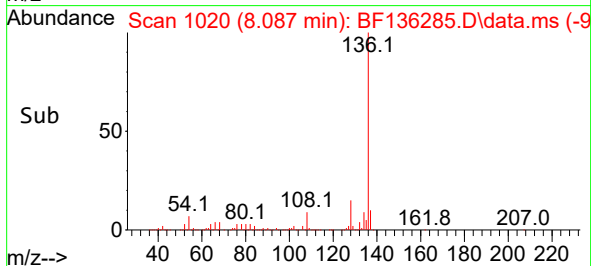


Tgt Ion:136 Resp: 579830
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 6.7 5.5 8.3
68 4.4 3.7 5.5

Manual Integrations

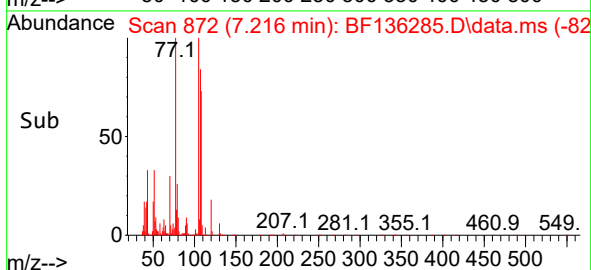
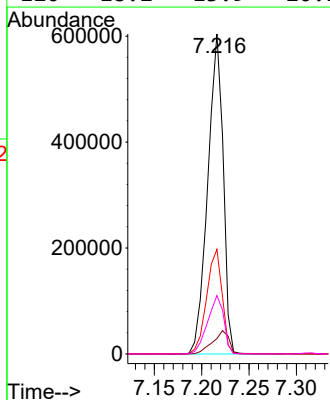
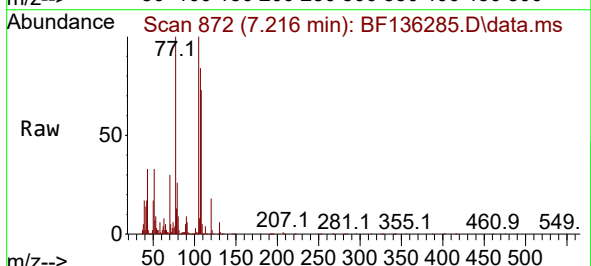
APPROVED

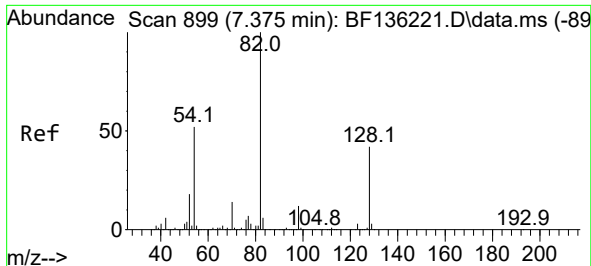
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 44.797 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:105 Resp: 682186
Ion Ratio Lower Upper
105 100
71 4.8 2.8 4.2#
51 32.7 29.0 43.6
120 18.2 13.9 20.9





#23

Nitrobenzene-d5

Concen: 87.475 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

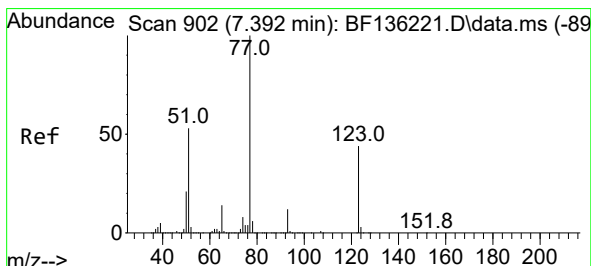
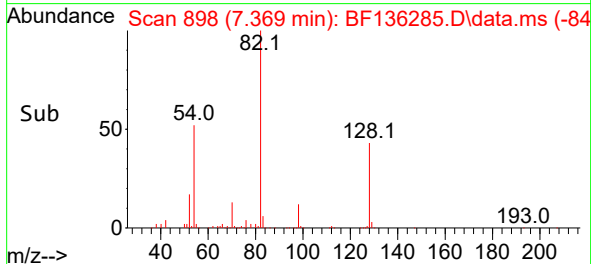
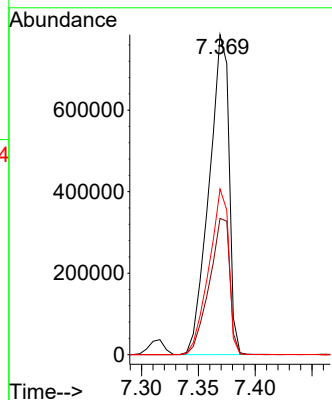
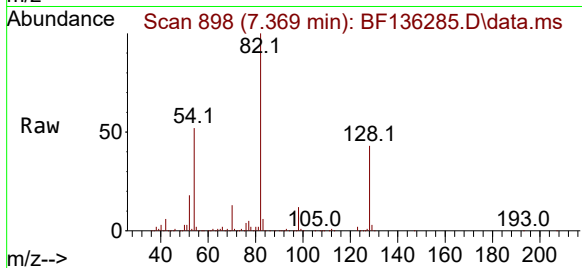
PB157073BS

Tgt Ion: 82 Resp: 959840

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.2
54	51.8	41.7	62.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 42.827 ng

RT: 7.387 min Scan# 901

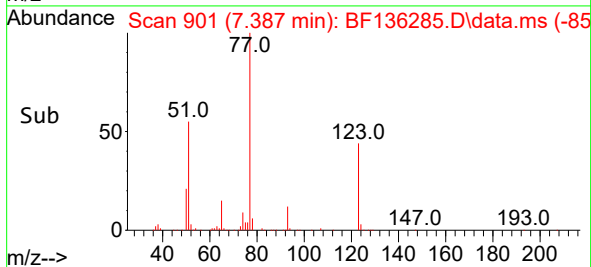
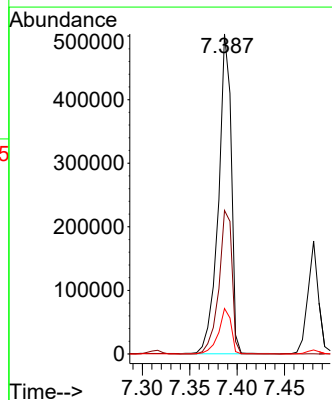
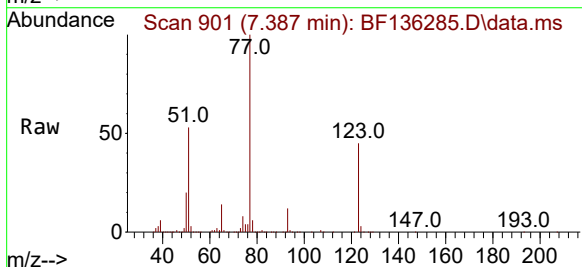
Delta R.T. -0.006 min

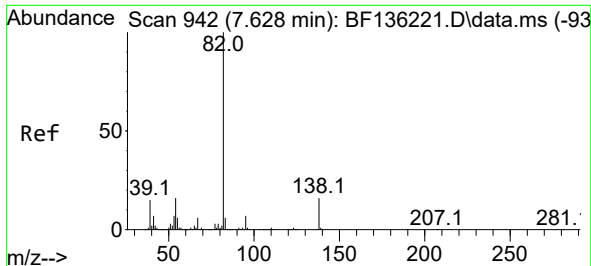
Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Tgt Ion: 77 Resp: 476218

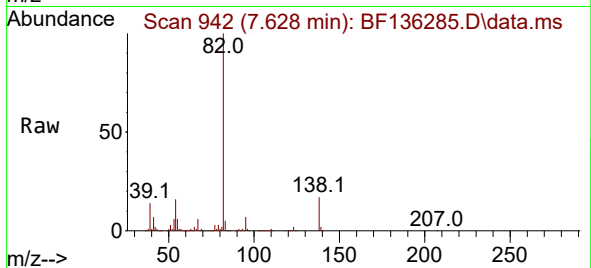
Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.4	53.2
65	14.2	11.0	16.6





#25
Isophorone
Concen: 44.793 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

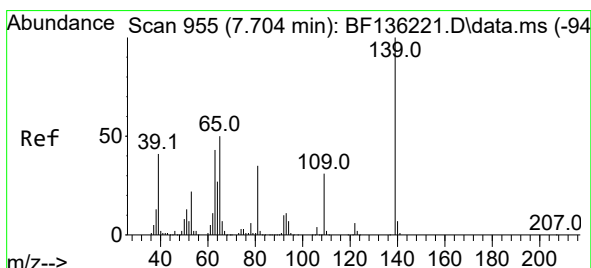
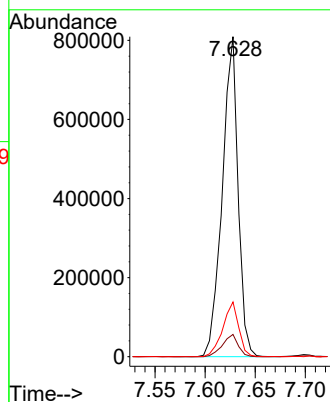
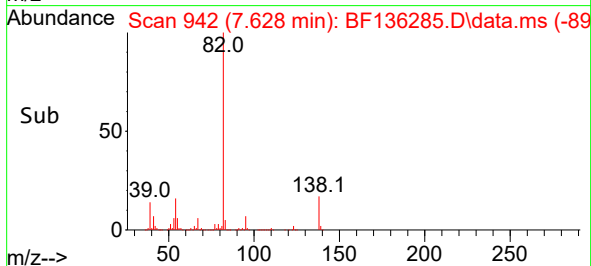
Instrument :
BNA_F
ClientSampleId :
PB157073BS



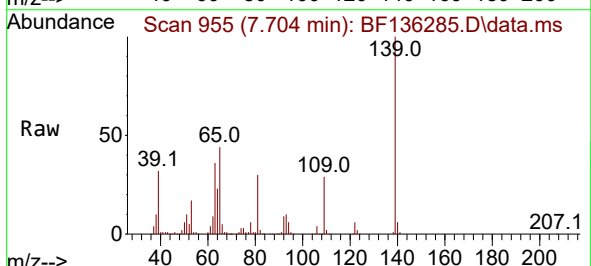
Tgt Ion: 82 Resp: 88625
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.1 12.8 19.2

Manual Integrations
APPROVED

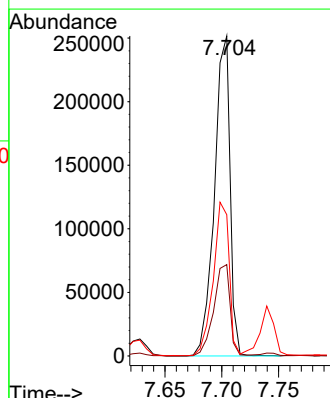
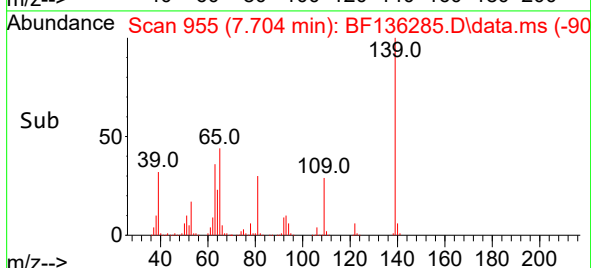
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

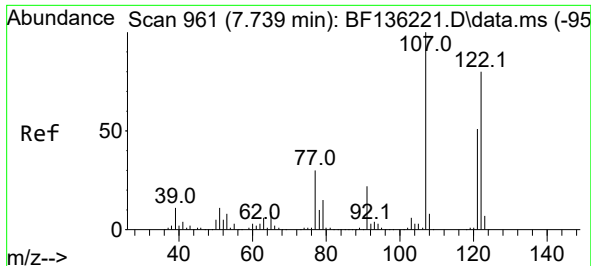


#26
2-Nitrophenol
Concen: 50.773 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



Tgt Ion:139 Resp: 240554
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.6
65 44.2 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 56.155 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

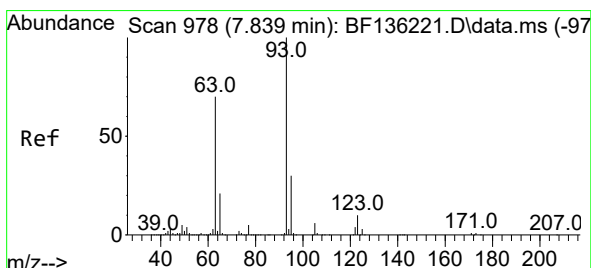
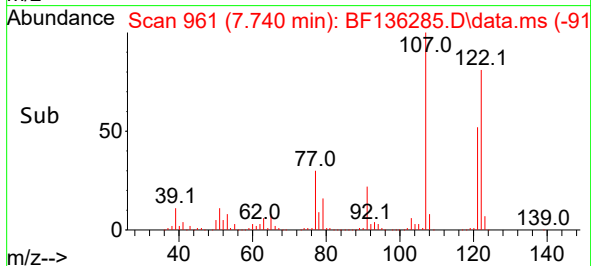
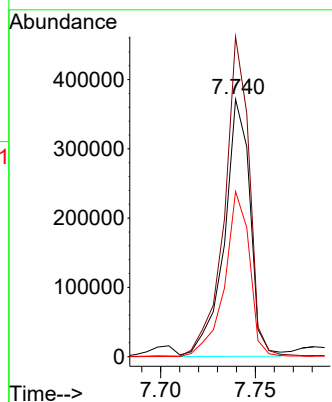
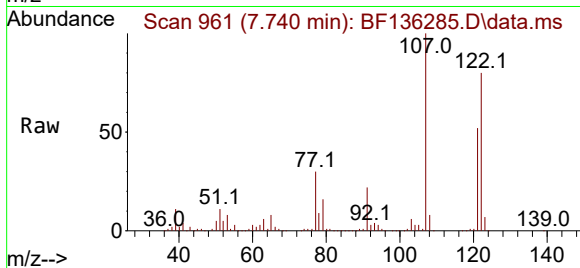
ClientSampleId :

PB157073BS

Tgt Ion:122 Resp: 35018
Ion Ratio Lower Upper
122 100
107 124.3 100.0 150.0
121 64.1 50.7 76.1

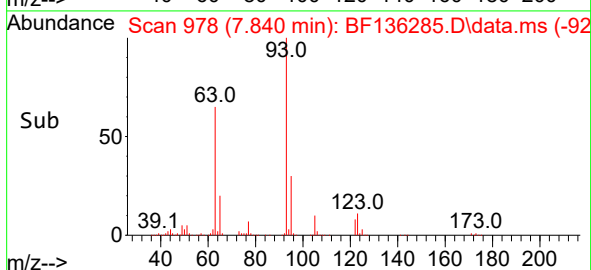
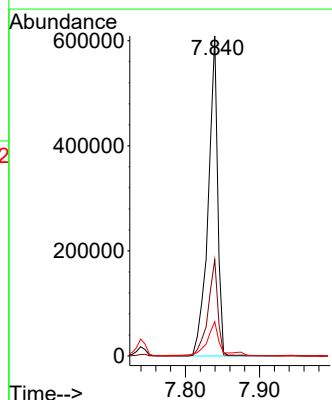
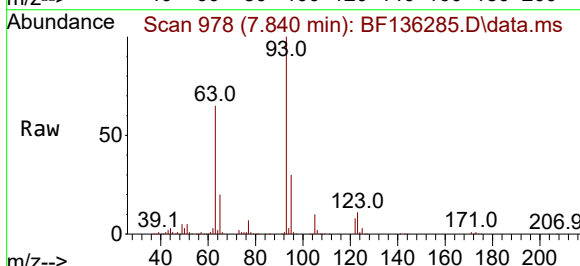
Manual Integrations
APPROVED

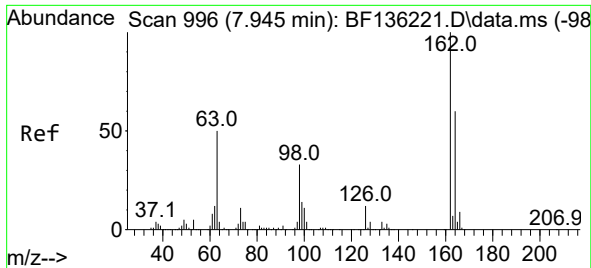
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.287 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion: 93 Resp: 541985
Ion Ratio Lower Upper
93 100
95 30.1 23.8 35.6
123 10.7 8.2 12.4





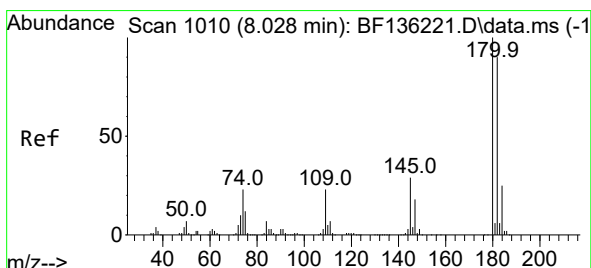
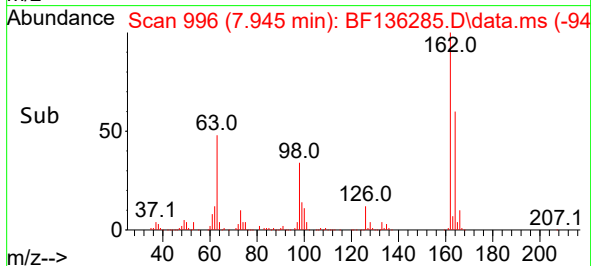
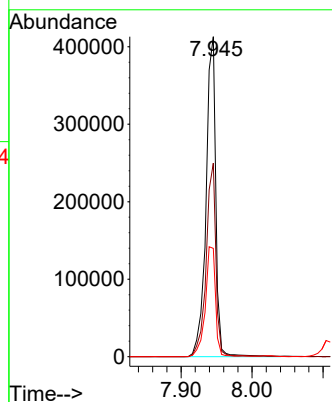
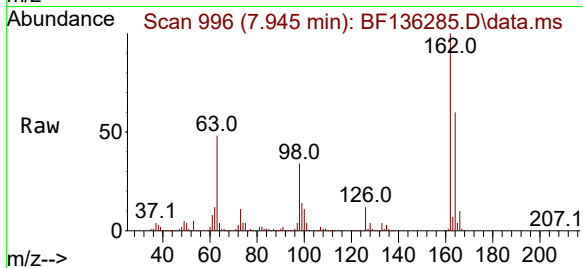
#29
2,4-Dichlorophenol
Concen: 47.093 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :
BNA_F
ClientSampleId :
PB157073BS

Tgt Ion:162 Resp: 396109
Ion Ratio Lower Upper
162 100
164 60.5 40.3 80.3
98 33.9 13.0 53.0

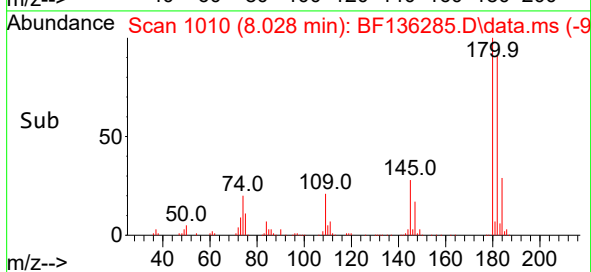
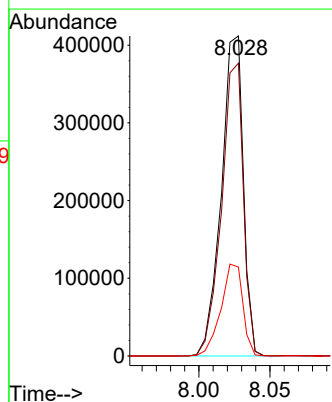
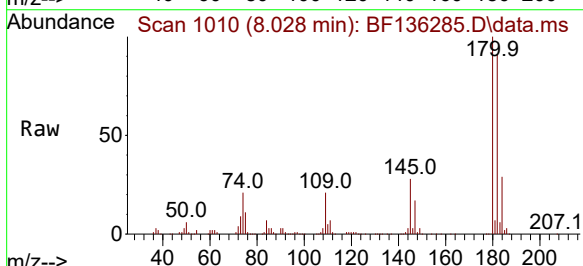
Manual Integrations
APPROVED

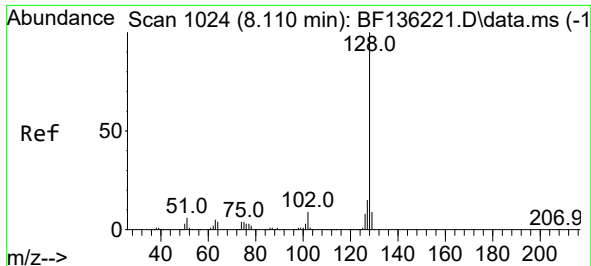
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.108 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:180 Resp: 443931
Ion Ratio Lower Upper
180 100
182 91.5 71.6 107.4
145 27.8 23.0 34.4





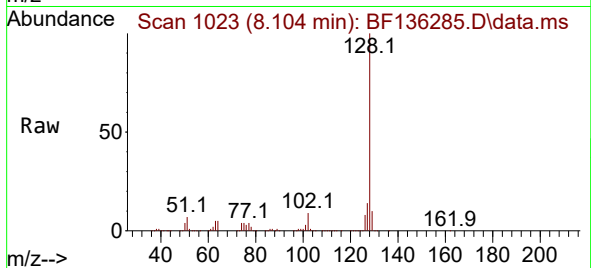
#31
Naphthalene
Concen: 44.439 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS



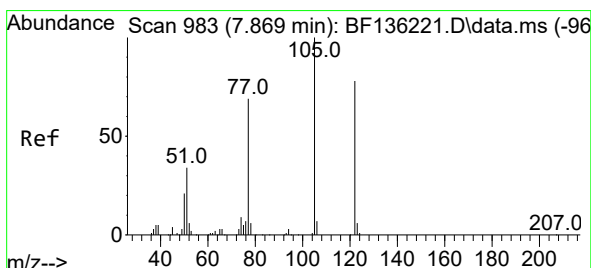
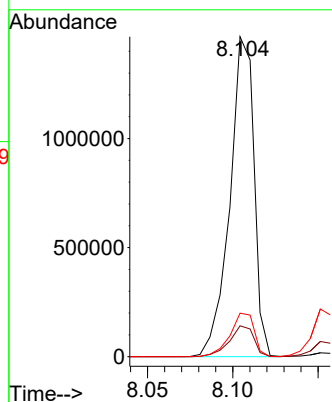
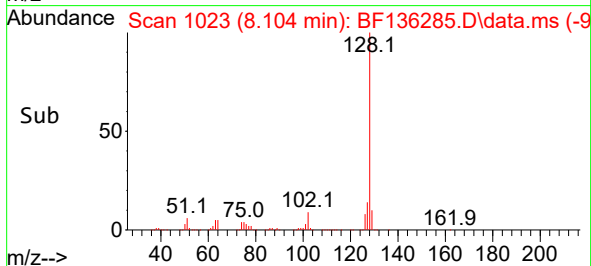
Tgt Ion:128 Resp: 1448340
Ion Ratio Lower Upper
128 100
129 9.6 7.3 10.9
127 13.6 11.8 17.6

Manual Integrations

APPROVED

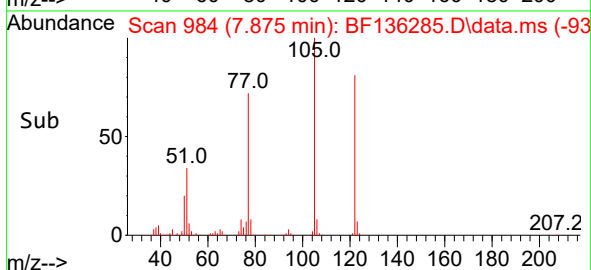
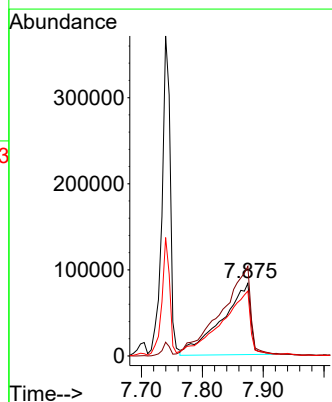
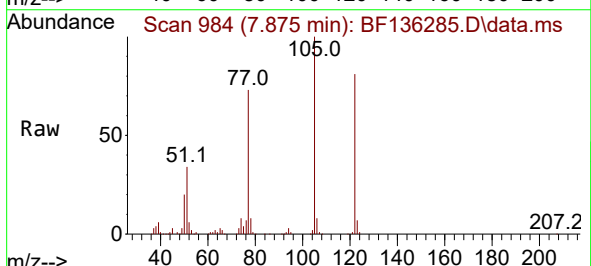
Reviewed By :Yogesh Patel 11/30/2023

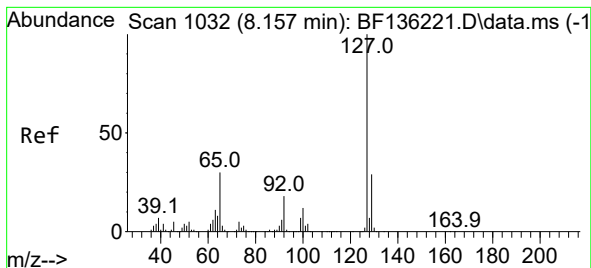
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 48.290 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:122 Resp: 274445
Ion Ratio Lower Upper
122 100
105 123.2 103.7 143.7
77 89.5 66.8 106.8





#33
4-Chloroaniline
Concen: 19.461 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

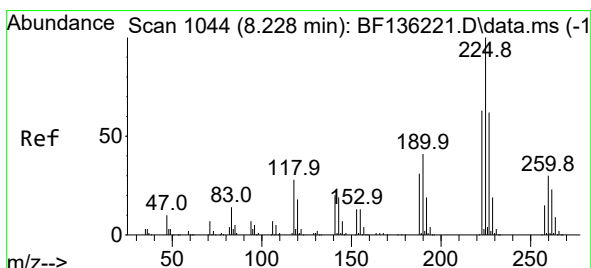
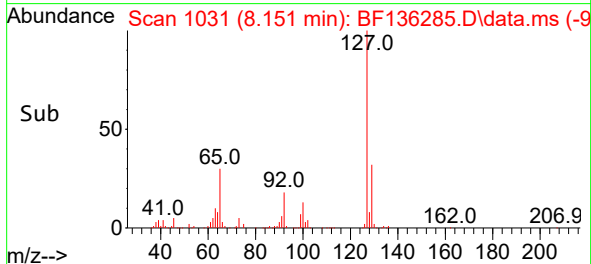
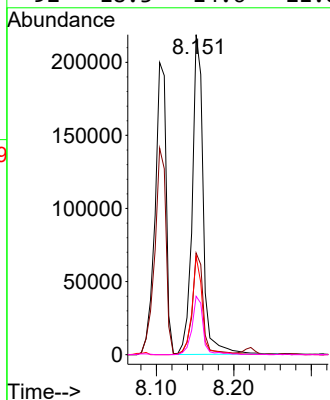
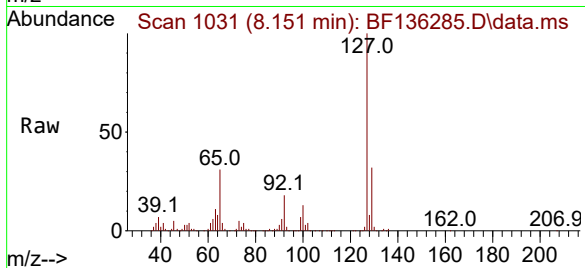
ClientSampleId :

PB157073BS

Tgt Ion:127 Resp: 215592
Ion Ratio Lower Upper
127 100
129 31.8 23.4 35.2
65 30.7 23.8 35.6
92 18.3 14.6 21.8

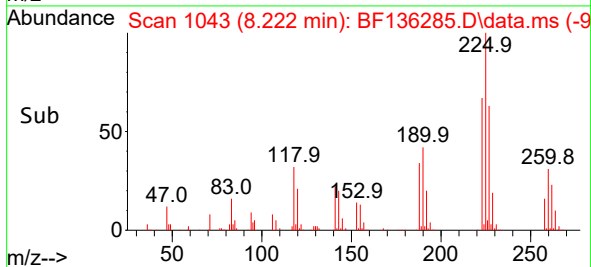
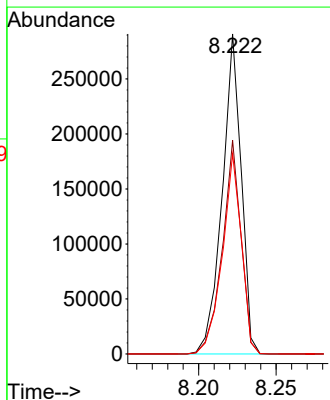
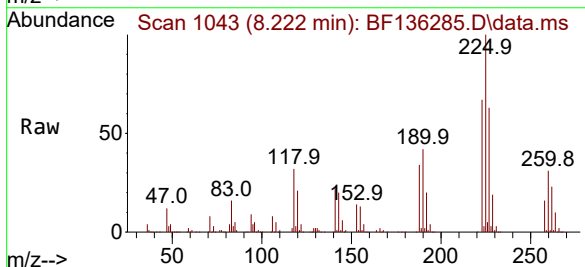
Manual Integrations
APPROVED

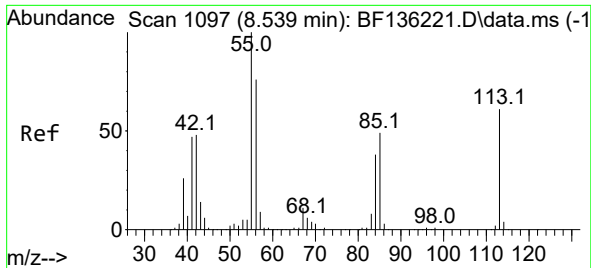
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 41.151 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

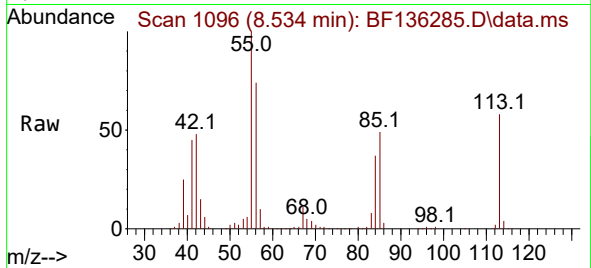
Tgt Ion:225 Resp: 247926
Ion Ratio Lower Upper
225 100
223 66.8 50.6 75.8
227 62.5 49.6 74.4





#35
Caprolactam
Concen: 49.842 ng m
RT: 8.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

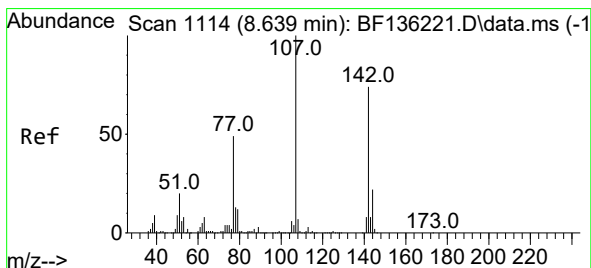
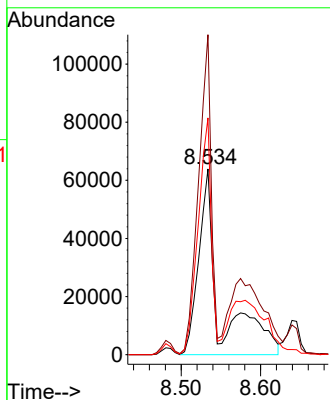
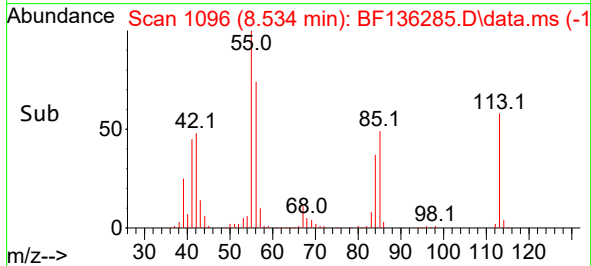
Instrument :
BNA_F
ClientSampleId :
PB157073BS



Tgt Ion:113 Resp: 11719
Ion Ratio Lower Upper
113 100
55 172.3 143.1 183.1
56 127.5 103.6 143.6

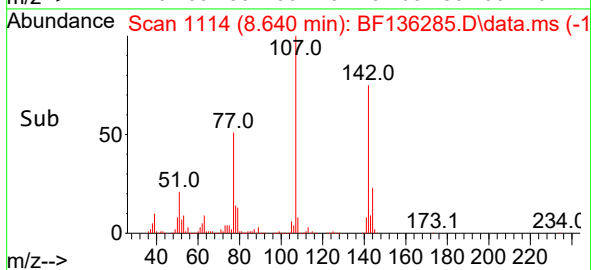
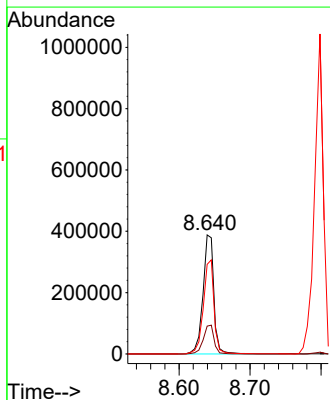
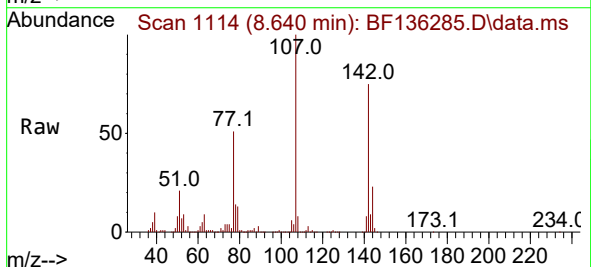
Manual Integrations
APPROVED

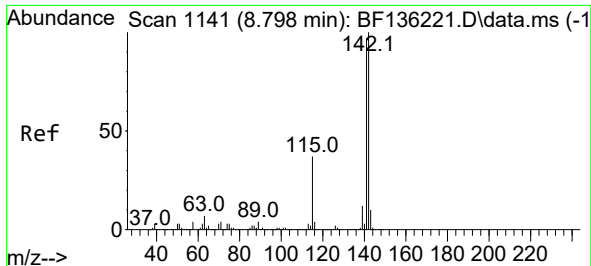
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 45.345 ng
RT: 8.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:107 Resp: 413655
Ion Ratio Lower Upper
107 100
144 23.4 17.8 26.8
142 75.2 59.4 89.0





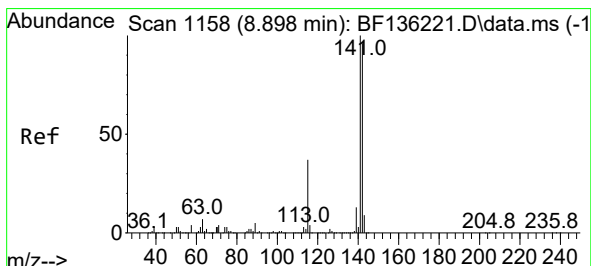
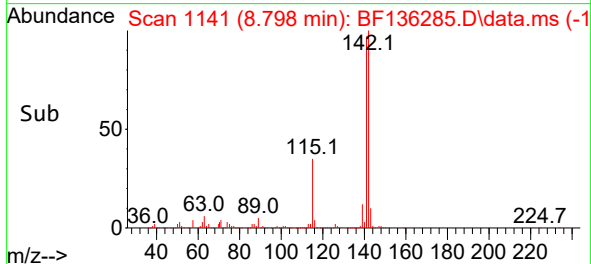
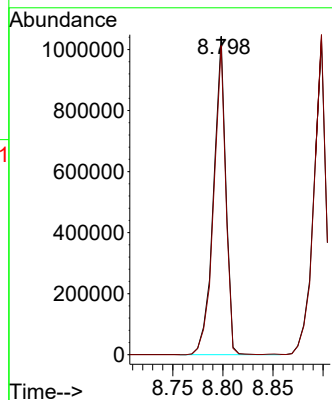
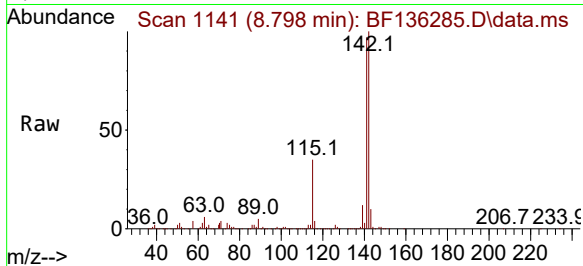
#37
2-Methylnaphthalene
Concen: 43.553 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :
BNA_F
ClientSampleId :
PB157073BS

Tgt Ion:142 Resp: 890409
Ion Ratio Lower Upper
142 100
141 97.0 77.8 116.8

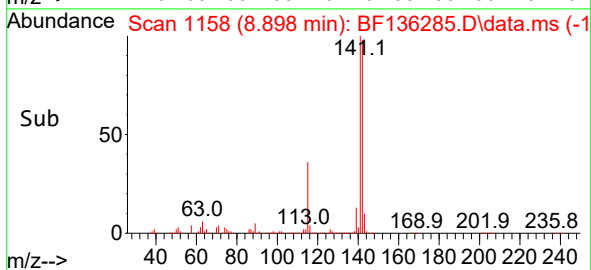
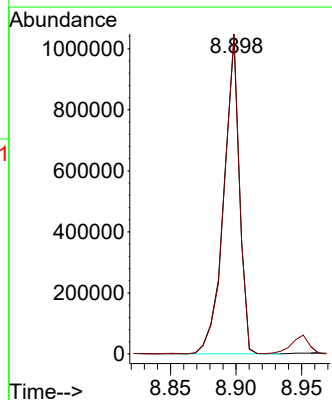
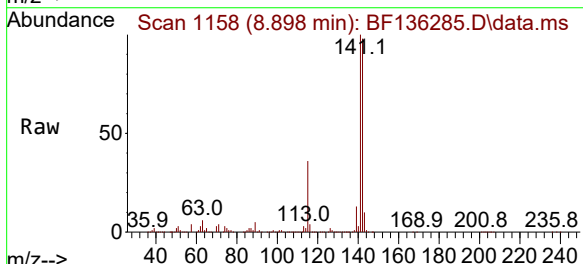
Manual Integrations
APPROVED

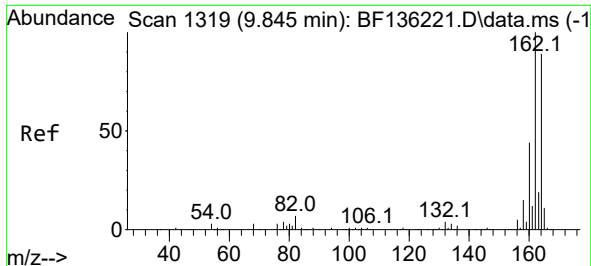
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 43.180 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:142 Resp: 861176
Ion Ratio Lower Upper
142 100
141 101.5 83.8 125.6





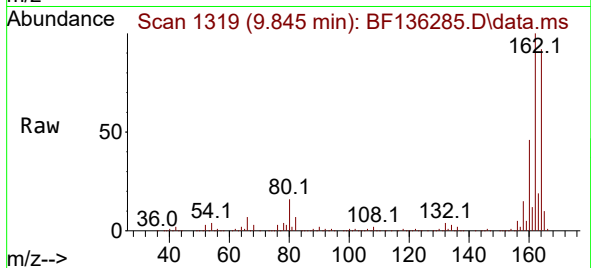
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

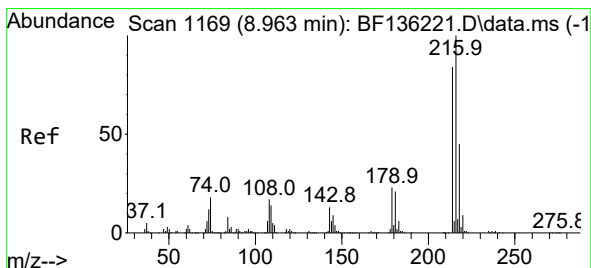
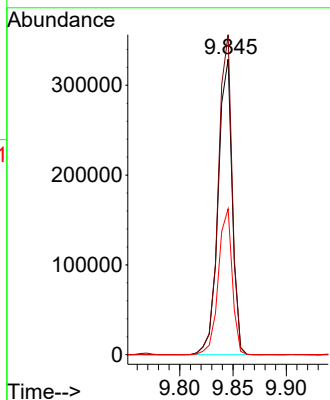
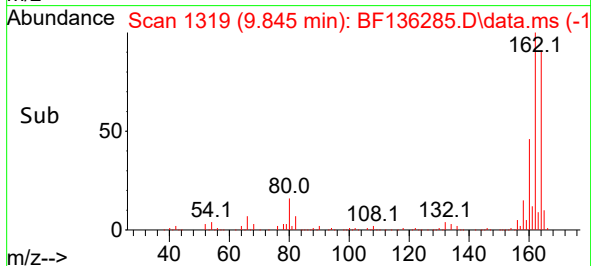


Tgt Ion:164 Resp: 30093
Ion Ratio Lower Upper
164 100
162 108.3 89.5 134.3
160 49.4 39.6 59.4

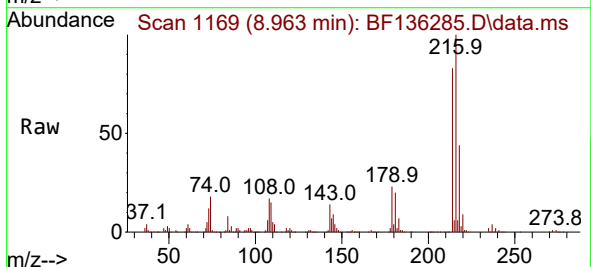
Manual Integrations

APPROVED

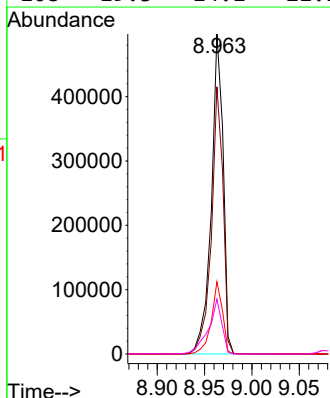
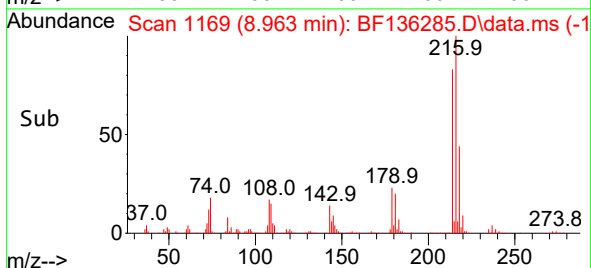
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

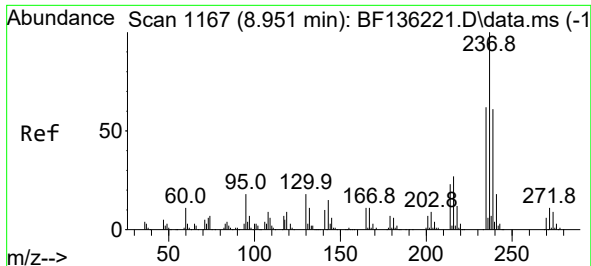


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.136 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



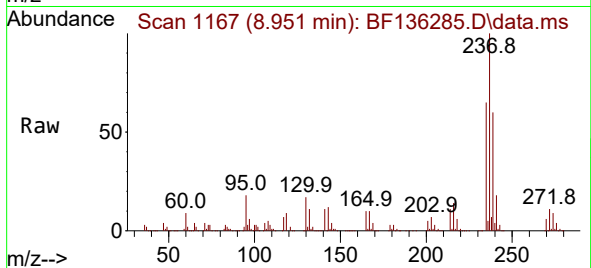
Tgt Ion:216 Resp: 432276
Ion Ratio Lower Upper
216 100
214 81.5 65.8 98.8
179 21.3 17.4 26.0
108 19.3 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 137.408 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

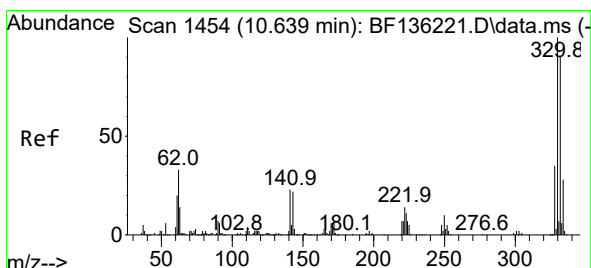
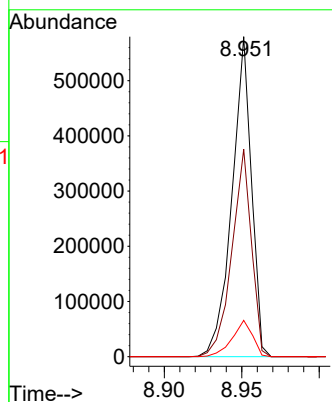
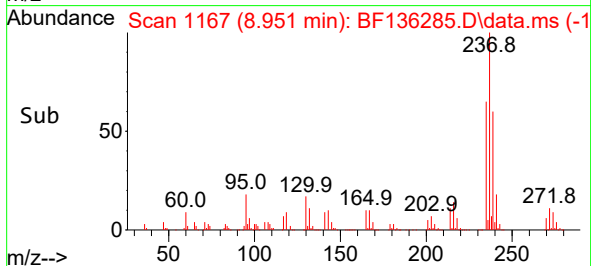
Instrument :
BNA_F
ClientSampleId :
PB157073BS



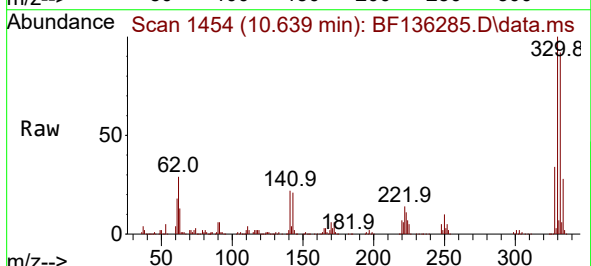
Tgt Ion:237 Resp: 50636
Ion Ratio Lower Upper
237 100
235 64.9 42.1 82.1
272 11.4 0.0 31.0

Manual Integrations
APPROVED

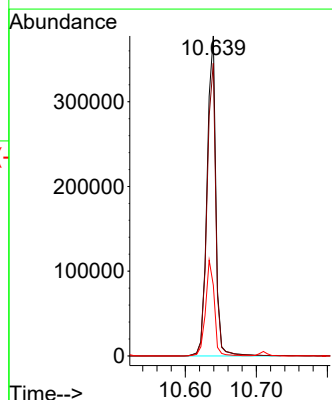
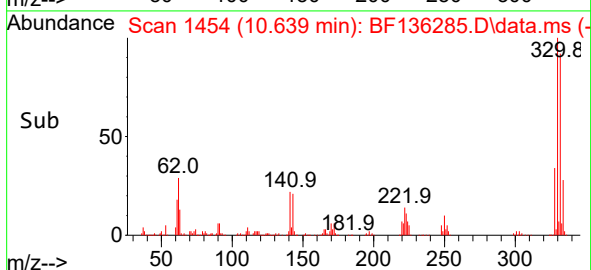
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

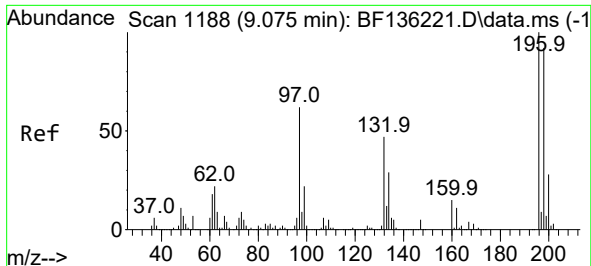


#42
2,4,6-Tribromophenol
Concen: 88.303 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



Tgt Ion:330 Resp: 324879
Ion Ratio Lower Upper
330 100
332 92.7 73.0 109.6
141 29.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 45.631 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136285.D

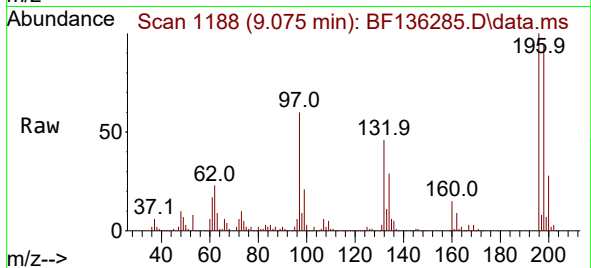
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS



Tgt Ion:196 Resp: 283652

Ion Ratio Lower Upper

196 100

198 94.1 73.2 109.8

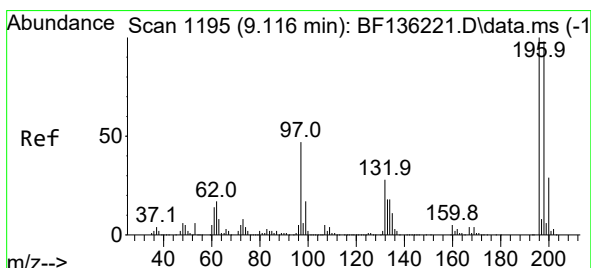
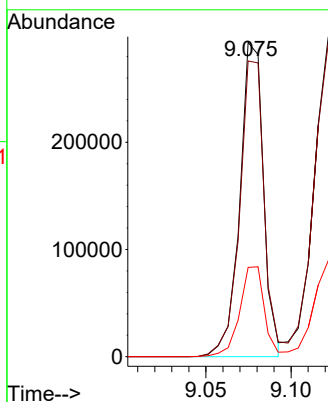
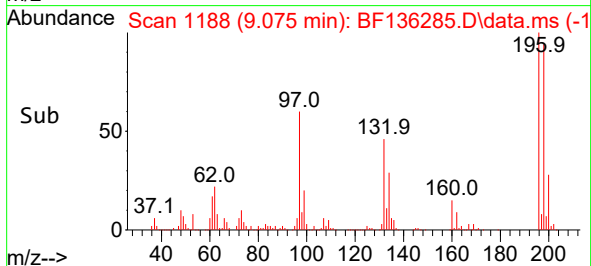
200 28.4 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 44.154 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Tgt Ion:196 Resp: 299529

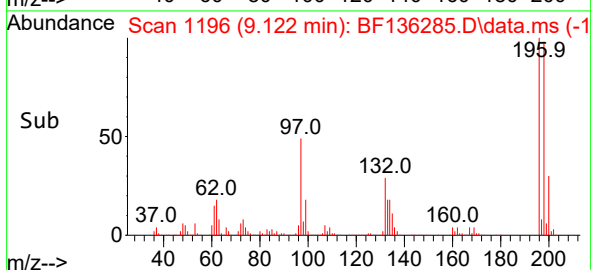
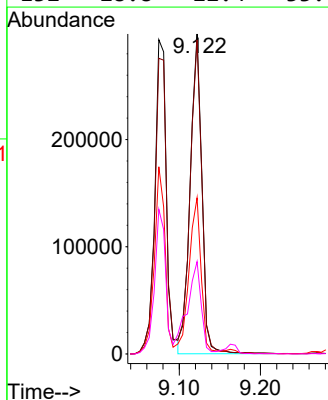
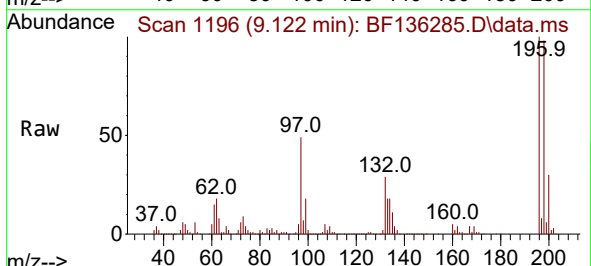
Ion Ratio Lower Upper

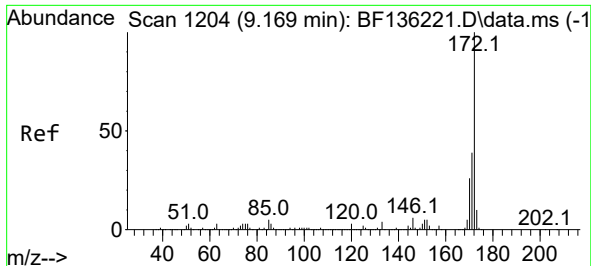
196 100

198 98.2 78.8 118.2

97 48.8 37.8 56.8

132 28.8 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 85.581 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

Tgt Ion:172 Resp: 201628

Ion Ratio Lower Upper

172 100

171 38.5 31.5 47.3

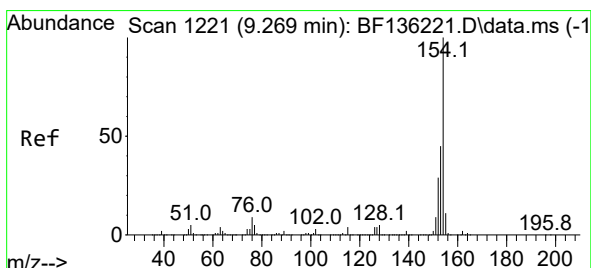
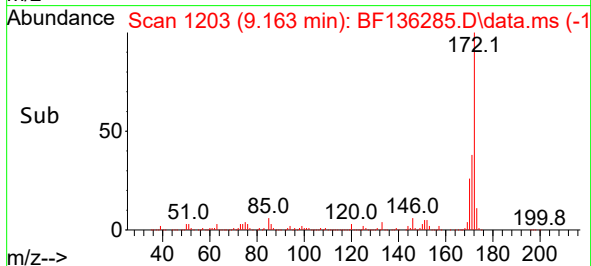
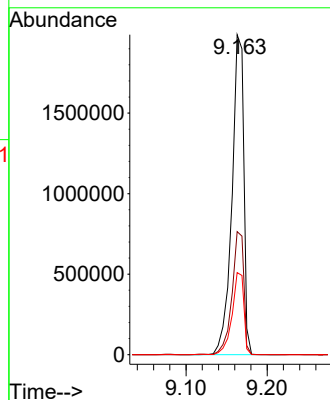
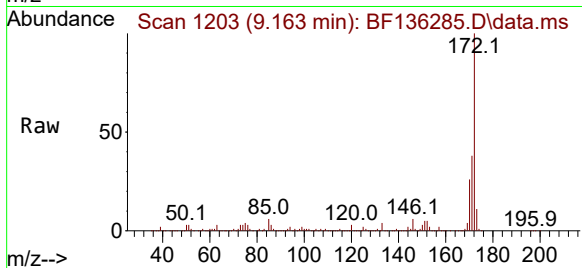
170 25.7 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#46

1,1'-Biphenyl

Concen: 45.383 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

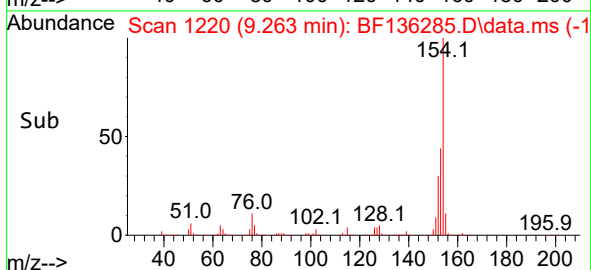
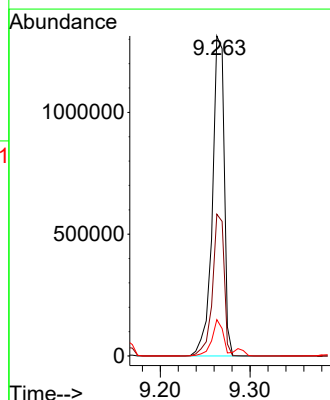
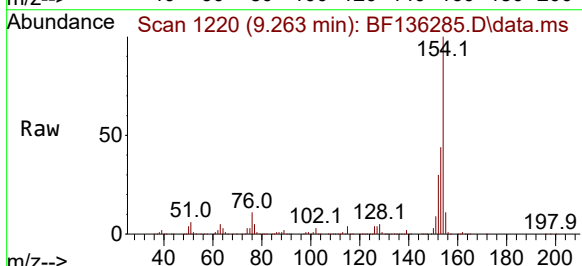
Tgt Ion:154 Resp: 1204368

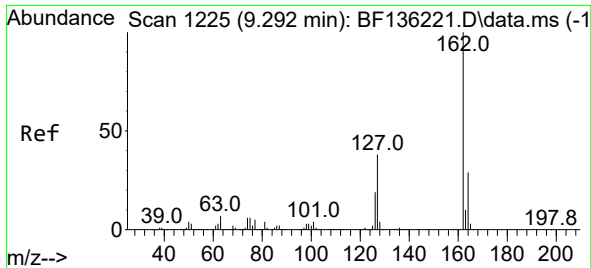
Ion Ratio Lower Upper

154 100

153 44.3 24.6 64.6

76 11.3 0.0 29.4





#47

2-Chloronaphthalene

Concen: 43.544 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.005 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

Tgt Ion:162 Resp: 89738

Ion Ratio Lower Upper

162 100

127 39.9 30.2 45.2

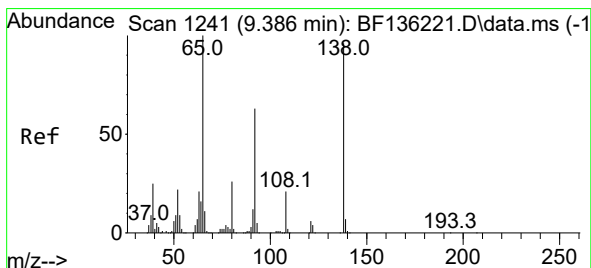
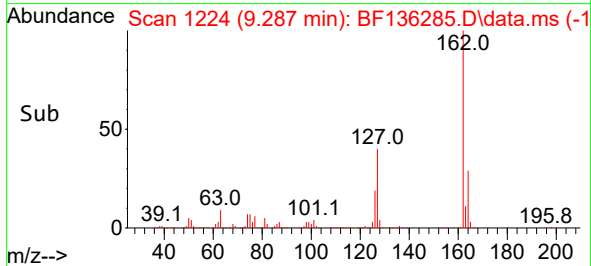
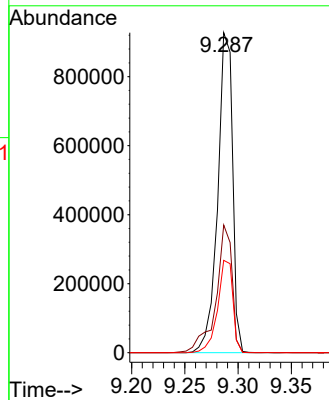
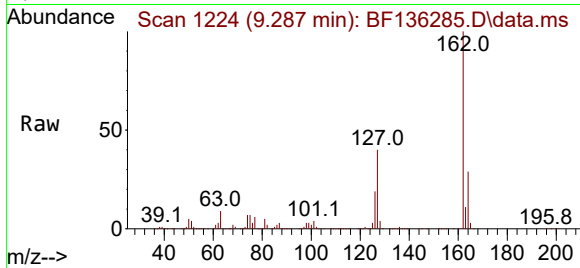
164 28.9 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#48

2-Nitroaniline

Concen: 46.426 ng

RT: 9.387 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

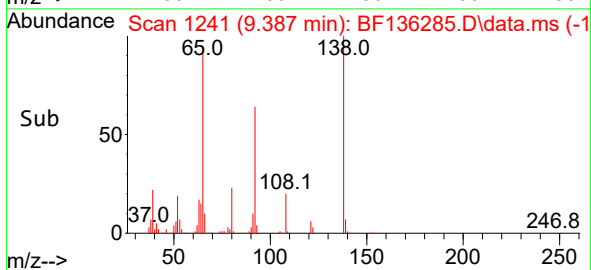
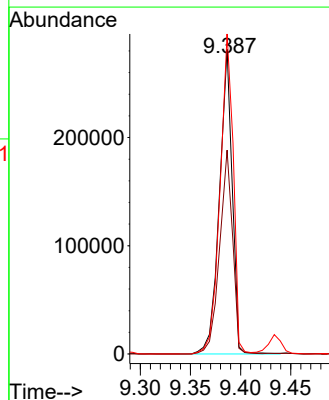
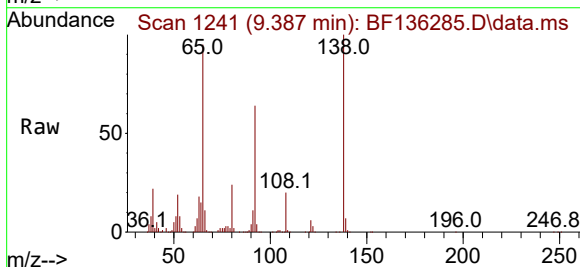
Tgt Ion: 65 Resp: 249798

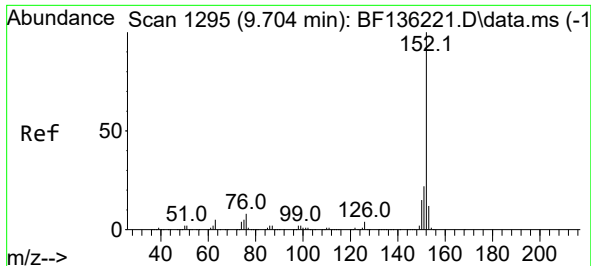
Ion Ratio Lower Upper

65 100

92 66.9 50.6 75.8

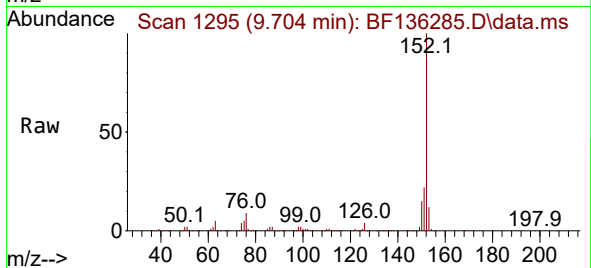
138 105.0 76.7 115.1





#49
Acenaphthylene
Concen: 48.715 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

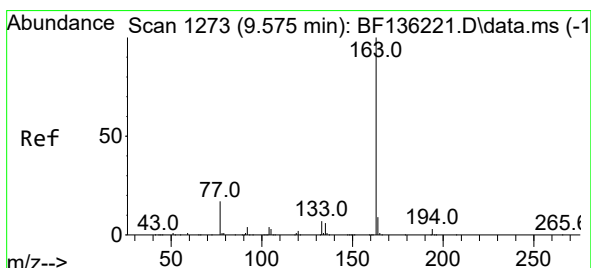
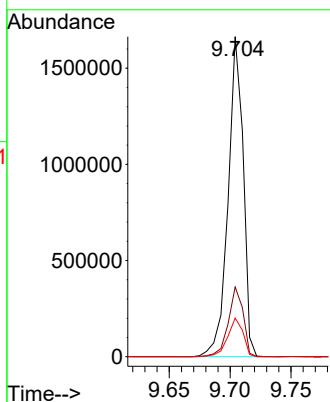
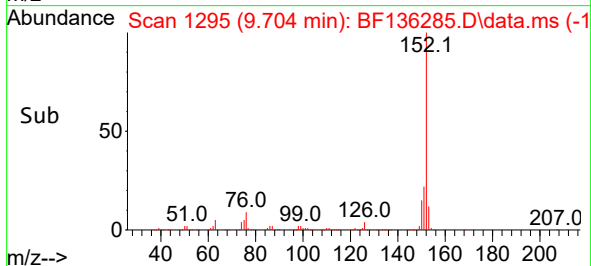
Instrument :
BNA_F
ClientSampleId :
PB157073BS



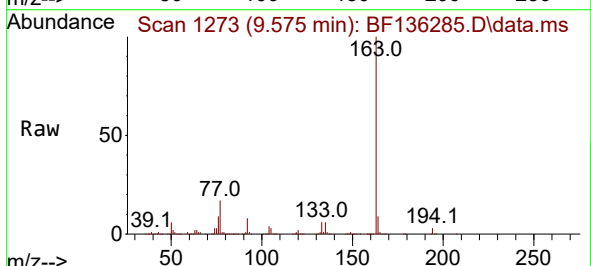
Tgt Ion:152 Resp: 143272
Ion Ratio Lower Upper
152 100
151 21.8 17.5 26.3
153 12.1 9.6 14.4

Manual Integrations
APPROVED

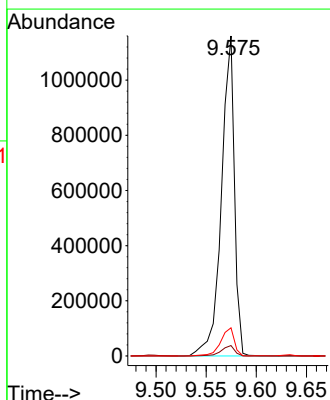
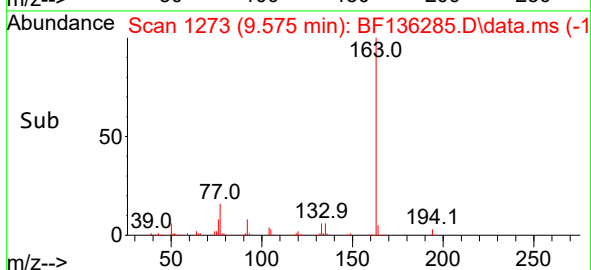
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

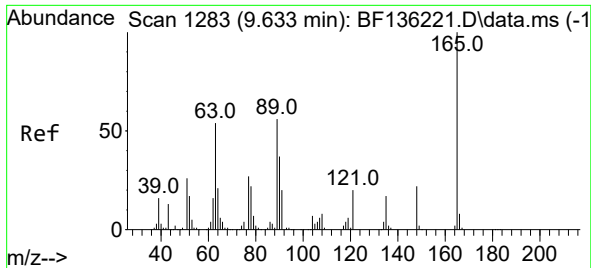


#50
Dimethylphthalate
Concen: 45.886 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



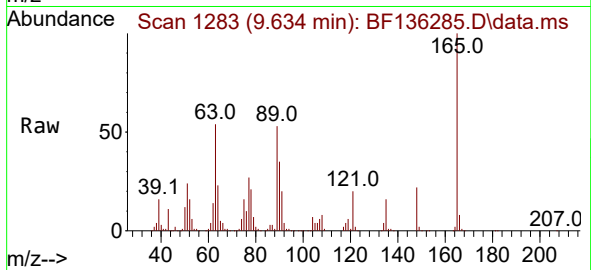
Tgt Ion:163 Resp: 1043666
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 8.8 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 46.927 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

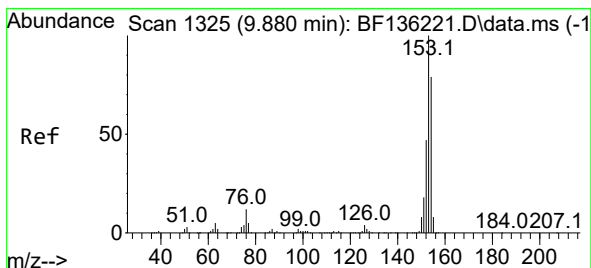
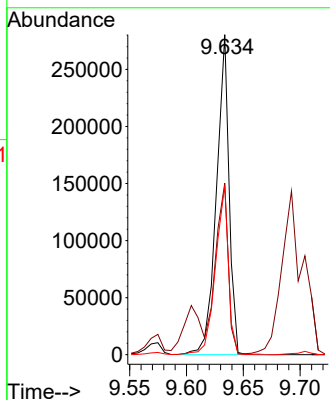
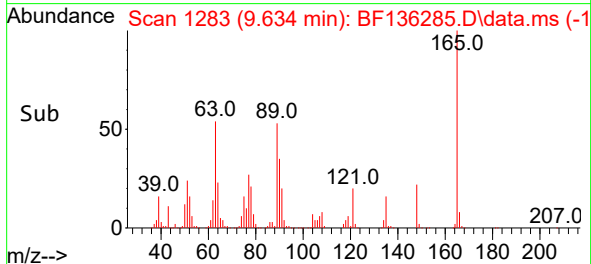
Instrument :
BNA_F
ClientSampleId :
PB157073BS



Tgt Ion:165 Resp: 218050
Ion Ratio Lower Upper
165 100
63 53.6 46.2 69.2
89 52.9 44.9 67.3

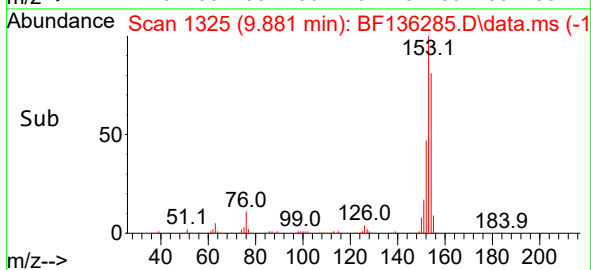
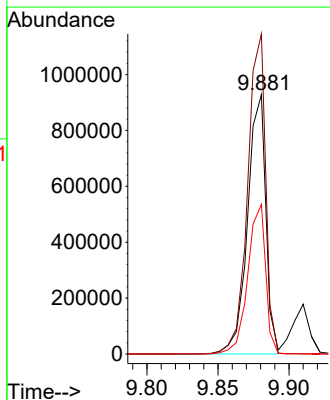
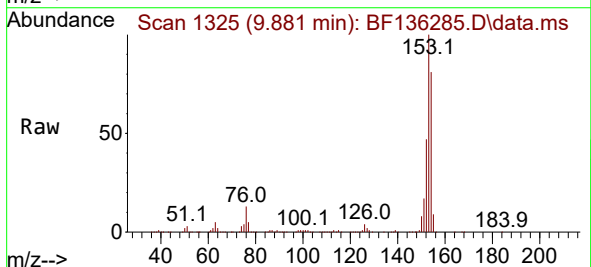
Manual Integrations
APPROVED

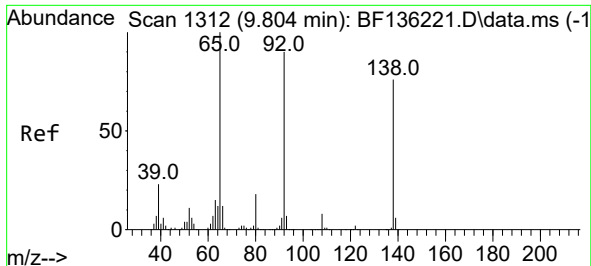
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 44.735 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:154 Resp: 831418
Ion Ratio Lower Upper
154 100
153 123.4 100.8 151.2
152 57.7 47.0 70.6





#53
3-Nitroaniline
Concen: 30.966 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

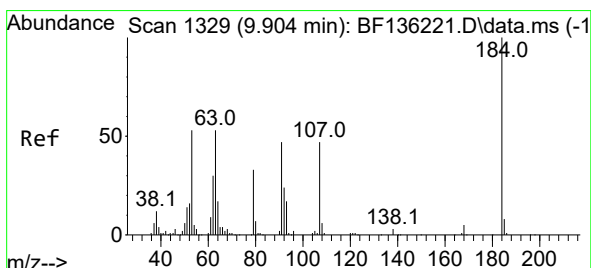
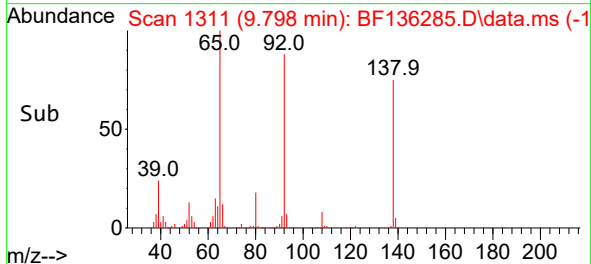
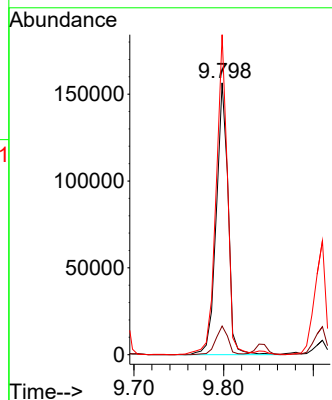
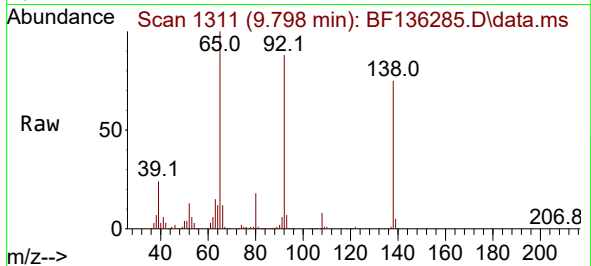
PB157073BS

Tgt Ion:138 Resp: 14277
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 117.7 94.2 141.4

Manual Integrations

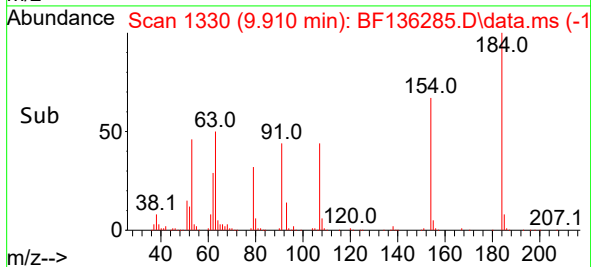
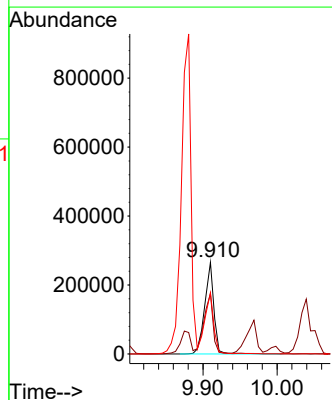
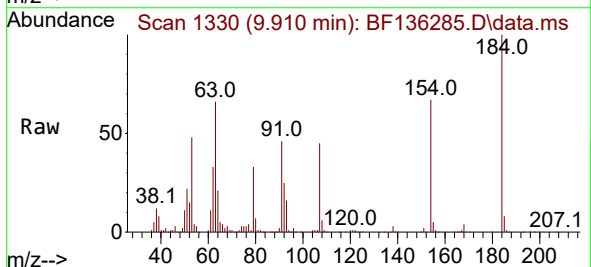
APPROVED

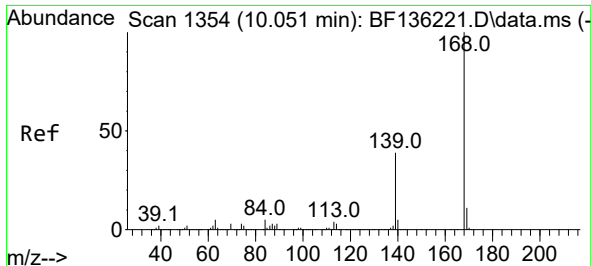
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 106.729 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

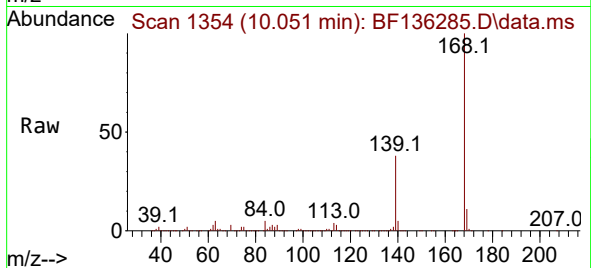
Tgt Ion:184 Resp: 230651
Ion Ratio Lower Upper
184 100
63 65.9 55.0 82.4
154 66.9 54.9 82.3





#55
Dibenzenofuran
Concen: 45.518 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

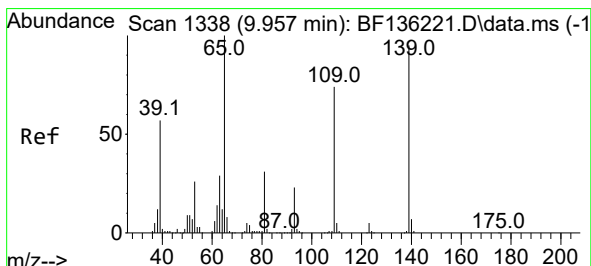
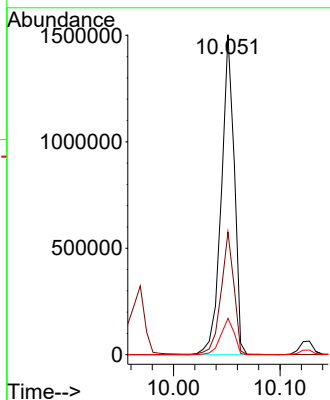
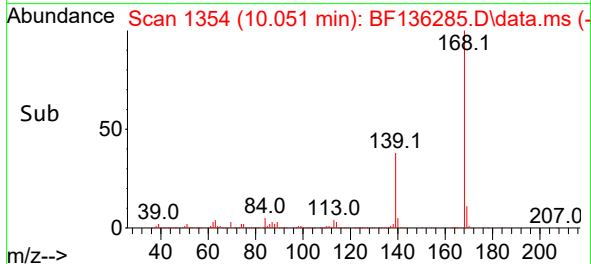
Instrument :
BNA_F
ClientSampleId :
PB157073BS



Tgt Ion:168 Resp: 125884
Ion Ratio Lower Upper
168 100
139 38.4 30.9 46.3
169 11.3 9.1 13.7

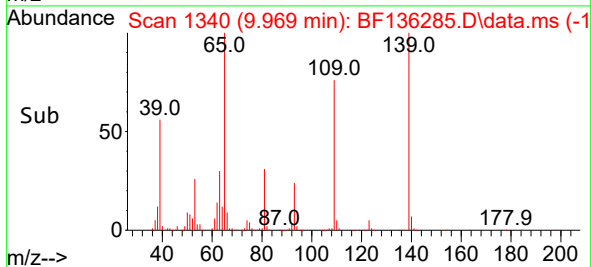
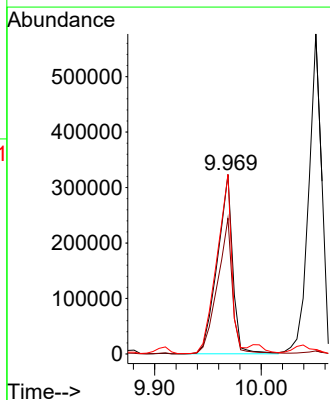
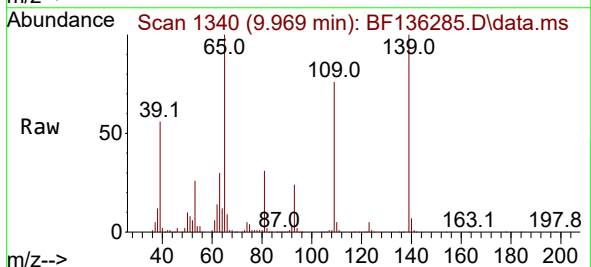
Manual Integrations
APPROVED

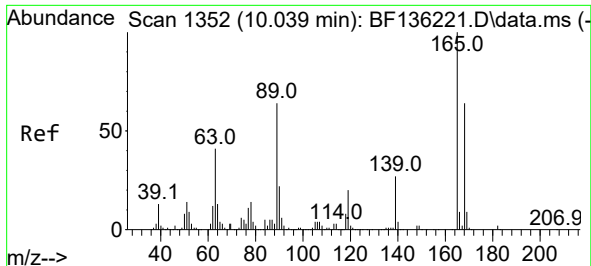
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 92.605 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:139 Resp: 324274
Ion Ratio Lower Upper
139 100
109 75.7 57.8 97.8
65 100.1 86.0 126.0





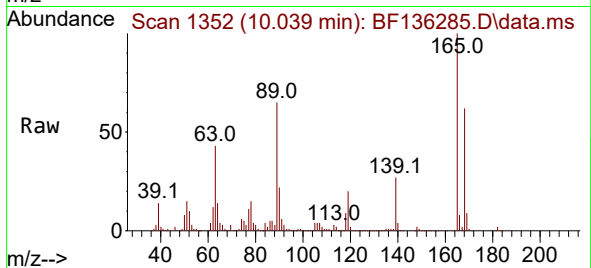
#57
2,4-Dinitrotoluene
Concen: 48.000 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

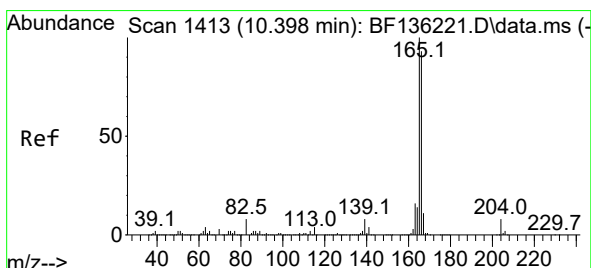
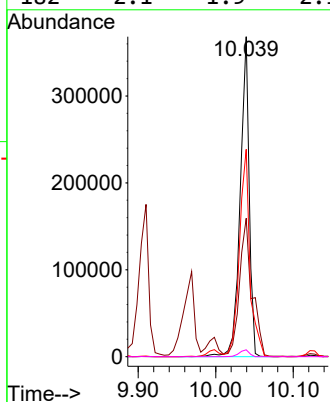
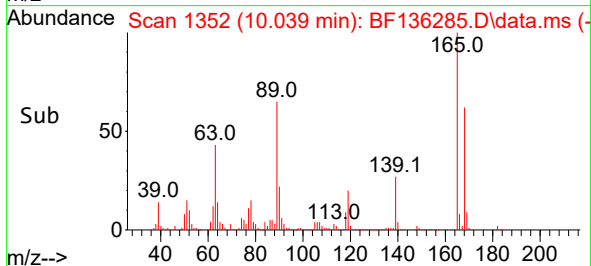


Tgt Ion:165 Resp: 297930
Ion Ratio Lower Upper
165 100
63 43.2 33.0 49.4
89 64.8 51.5 77.3
182 2.1 1.9 2.9

Manual Integrations

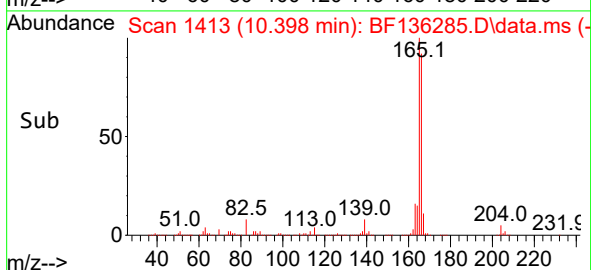
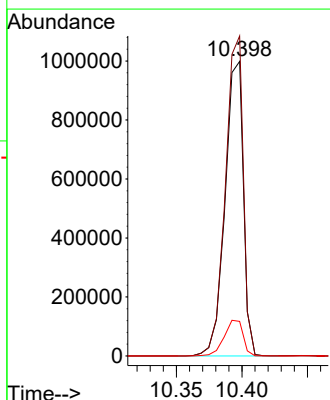
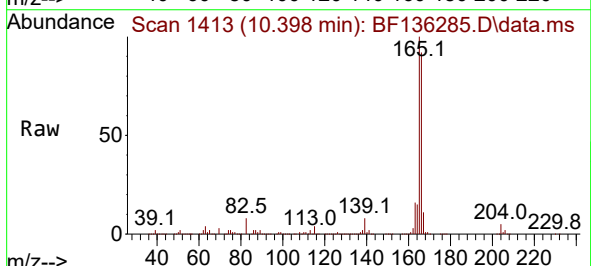
APPROVED

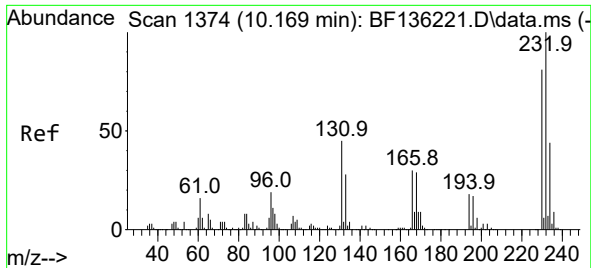
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 44.685 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

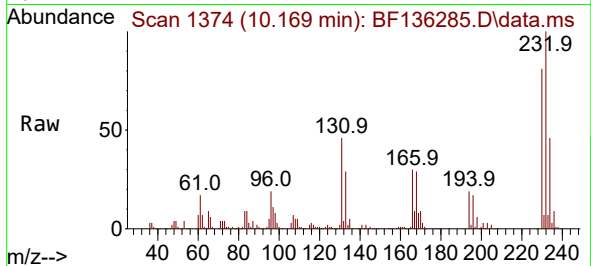
Tgt Ion:166 Resp: 969348
Ion Ratio Lower Upper
166 100
165 108.6 86.2 129.4
167 11.7 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.938 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

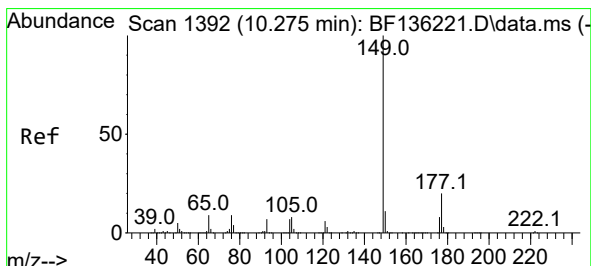
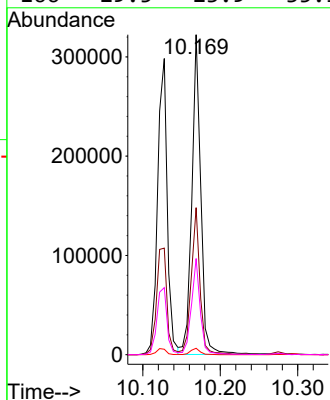
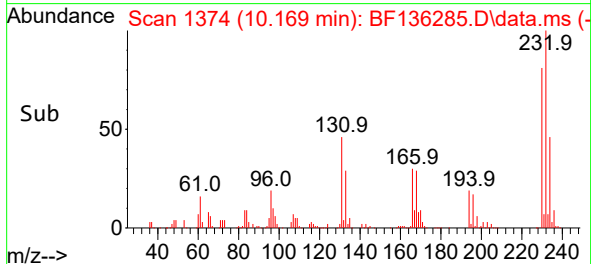
Instrument :
BNA_F
ClientSampleId :
PB157073BS



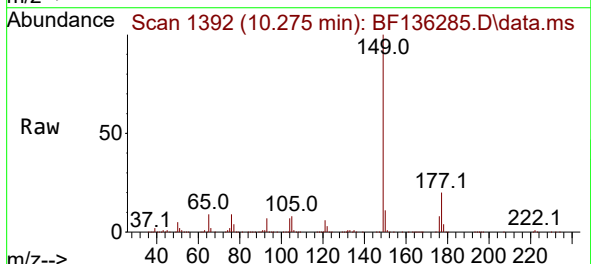
Tgt Ion:232 Resp: 258740
Ion Ratio Lower Upper
232 100
131 44.5 36.4 54.6
130 2.1 1.9 2.9
166 29.5 23.9 35.9

Manual Integrations
APPROVED

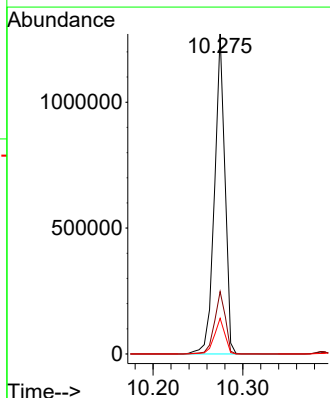
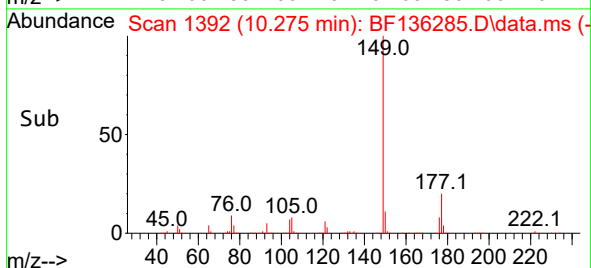
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

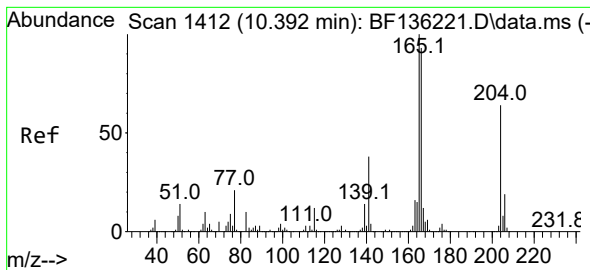


#60
Diethylphthalate
Concen: 44.987 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



Tgt Ion:149 Resp: 1023541
Ion Ratio Lower Upper
149 100
177 19.5 15.8 23.6
150 11.1 8.8 13.2





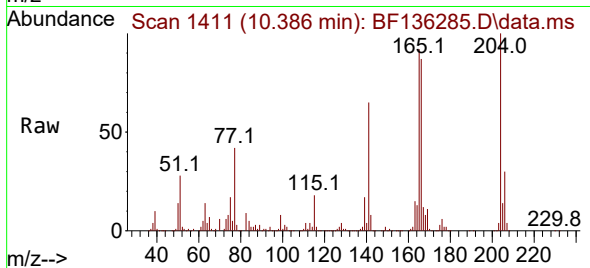
#61
4-Chlorophenyl-phenylether
Concen: 43.527 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

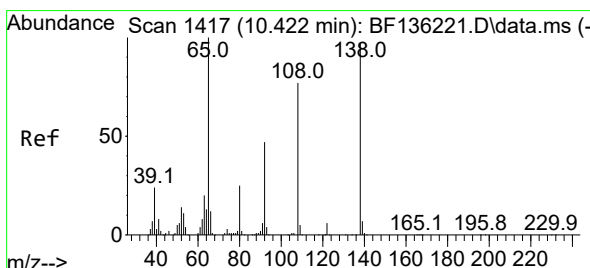
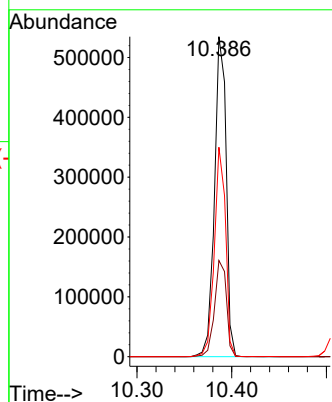
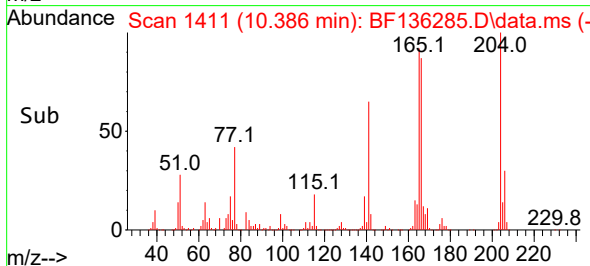


Tgt Ion:204 Resp: 458549
Ion Ratio Lower Upper
204 100
206 30.1 23.4 35.0
141 65.4 47.6 71.4

Manual Integrations

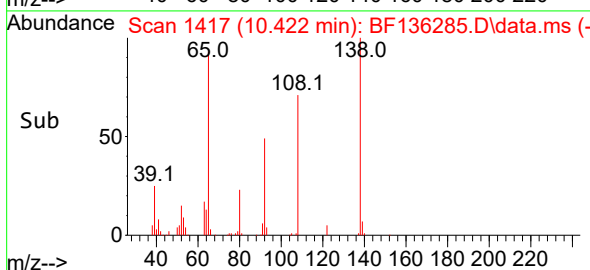
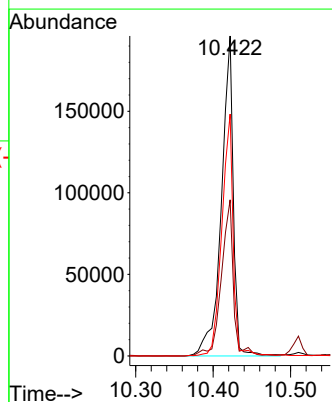
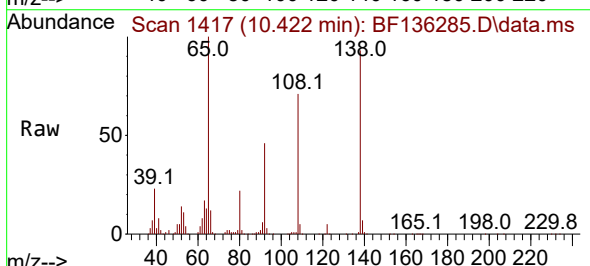
APPROVED

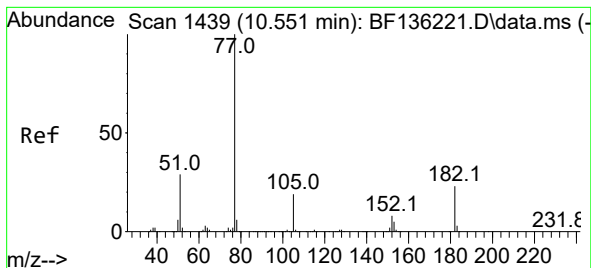
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 46.619 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

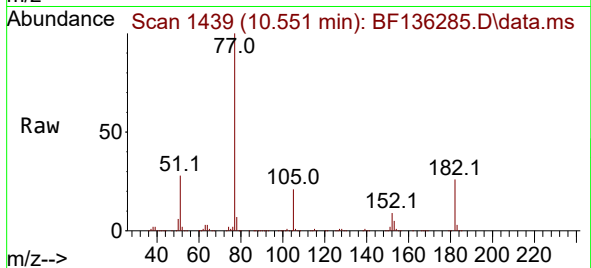
Tgt Ion:138 Resp: 210391
Ion Ratio Lower Upper
138 100
92 48.8 28.5 68.5
108 75.6 59.8 99.8





#63
Azobenzene
Concen: 44.430 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

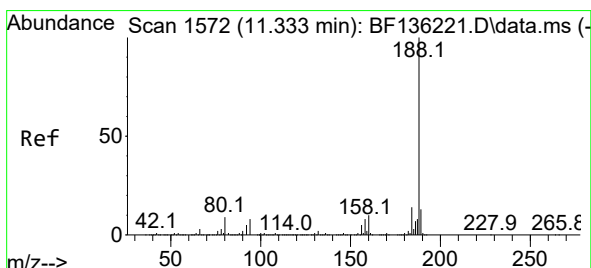
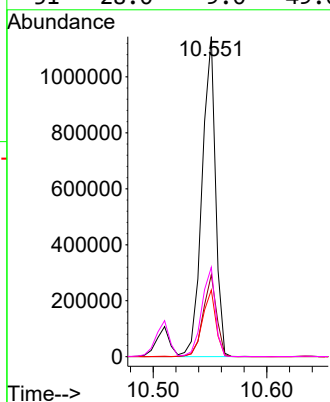
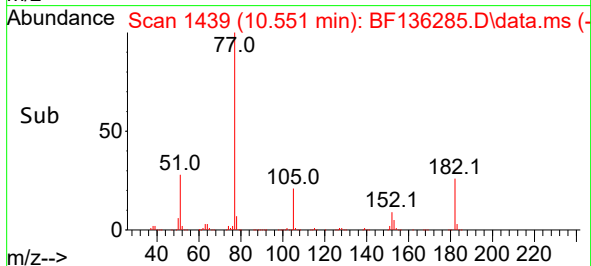
Instrument :
BNA_F
ClientSampleId :
PB157073BS



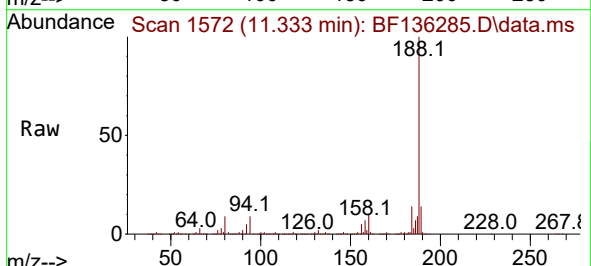
Tgt Ion: 77 Resp: 937150
Ion Ratio Lower Upper
77 100
182 25.6 3.3 43.3
105 20.9 0.0 39.5
51 28.0 9.0 49.0

Manual Integrations
APPROVED

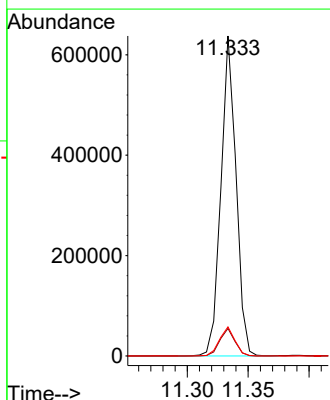
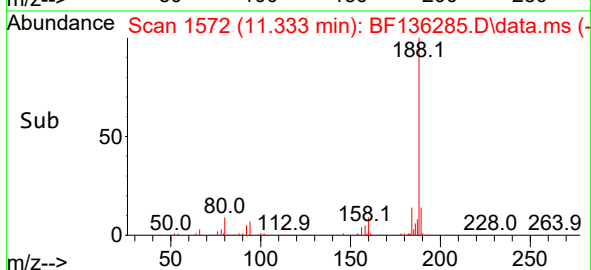
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

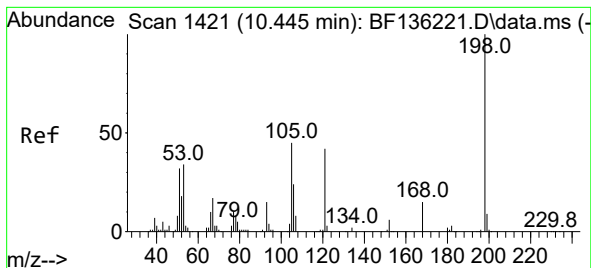


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



Tgt Ion:188 Resp: 552105
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.1 7.2 10.8





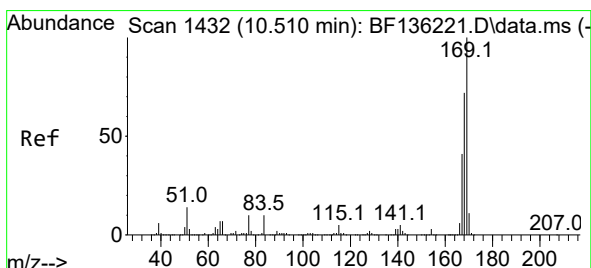
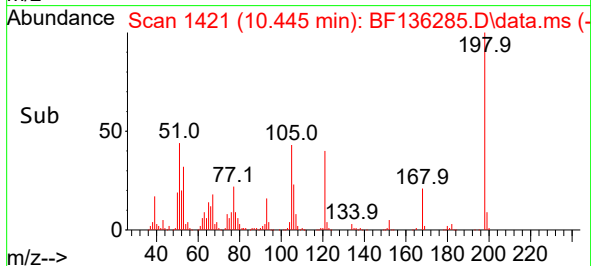
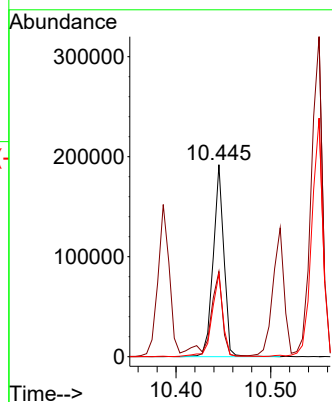
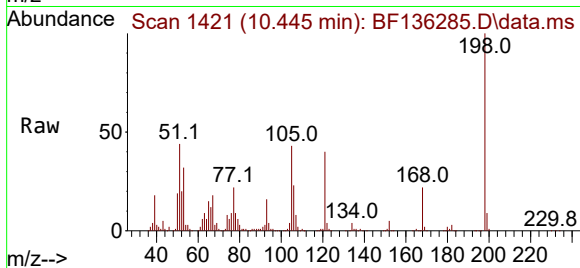
#65
4,6-Dinitro-2-methylphenol
Concen: 49.736 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :
BNA_F
ClientSampleId :
PB157073BS

Tgt Ion:198 Resp: 150162
Ion Ratio Lower Upper
198 100
51 44.4 28.2 68.2
105 43.1 25.7 65.7

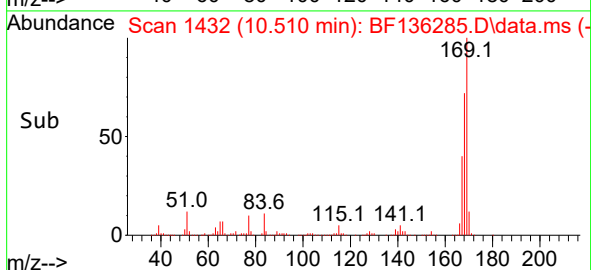
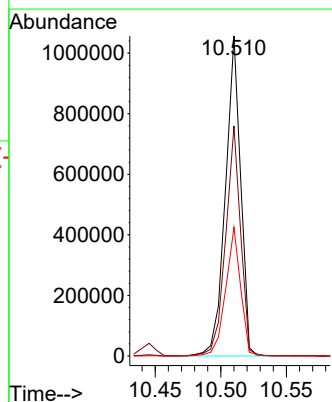
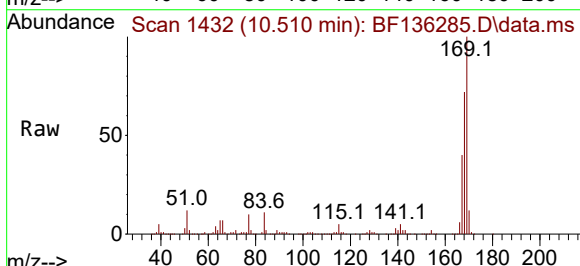
Manual Integrations
APPROVED

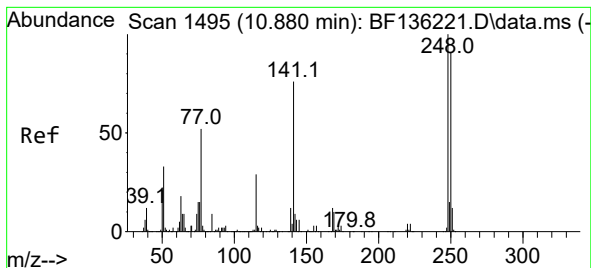
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 48.103 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:169 Resp: 851087
Ion Ratio Lower Upper
169 100
168 71.9 57.8 86.6
167 40.2 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 46.283 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

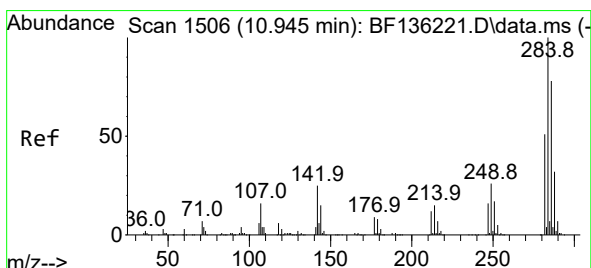
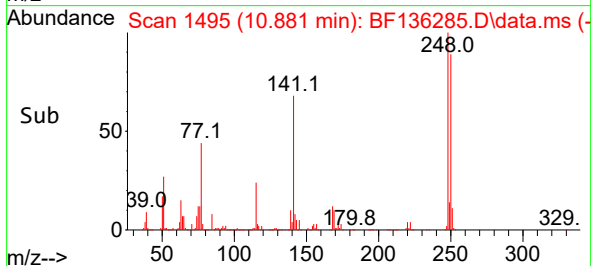
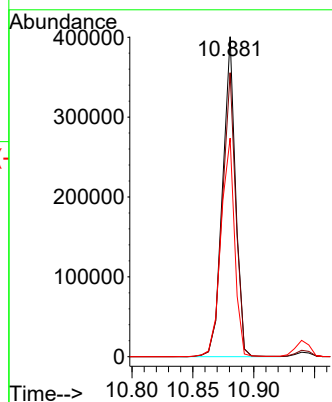
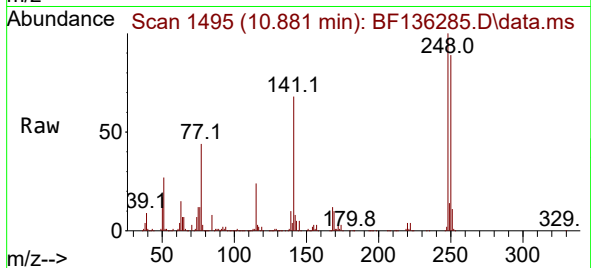
PB157073BS

Tgt Ion:248 Resp: 29811
Ion Ratio Lower Upper
248 100
250 88.8 72.5 108.7
141 68.3 60.8 91.2

Manual Integrations

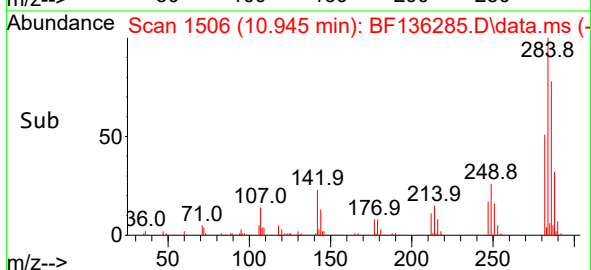
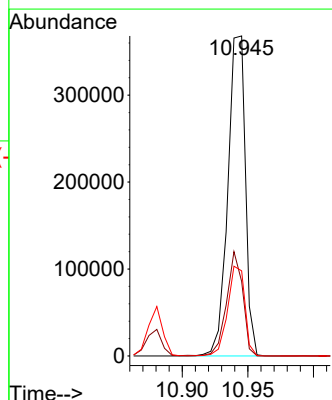
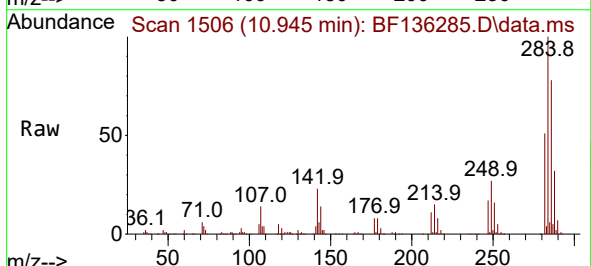
APPROVED

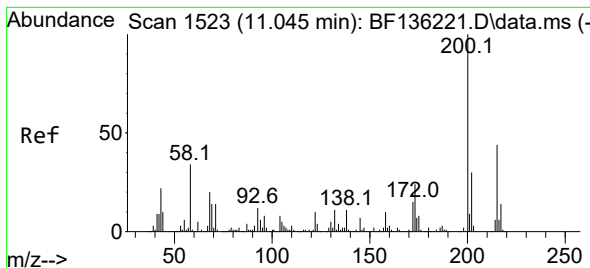
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#68
Hexachlorobenzene
Concen: 46.001 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:284 Resp: 342926
Ion Ratio Lower Upper
284 100
142 23.3 19.8 29.8
249 26.6 21.0 31.4





#69

Atrazine

Concen: 54.466 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

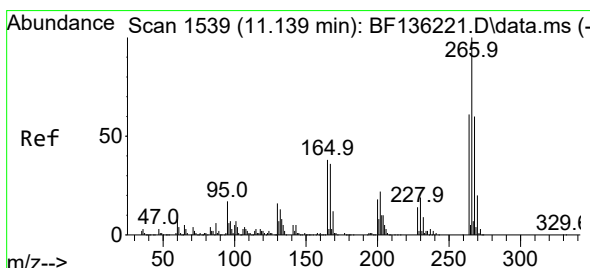
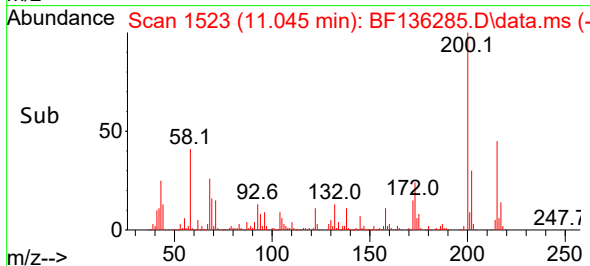
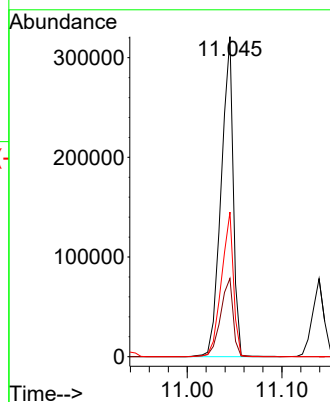
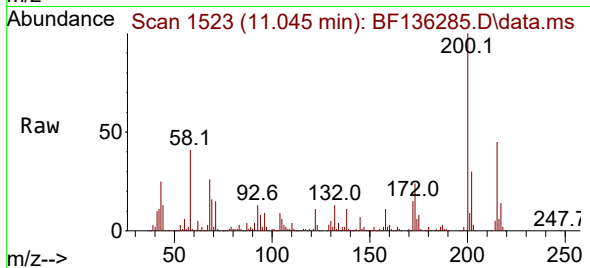
Tgt Ion:200 Resp: 28586
 Ion Ratio Lower Upper
 200 100
 173 24.4 4.3 44.3
 215 45.2 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 89.015 ng

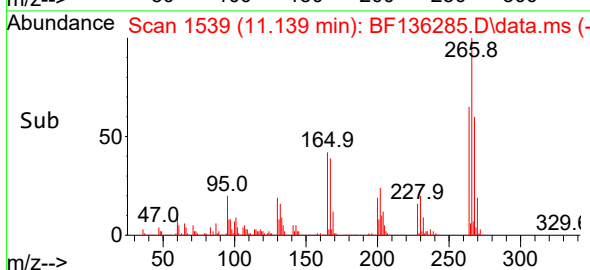
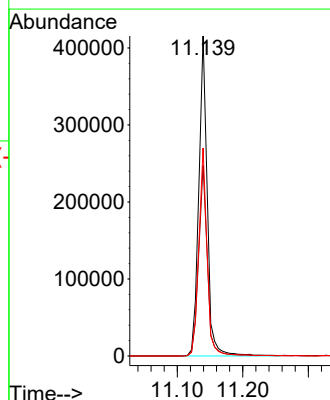
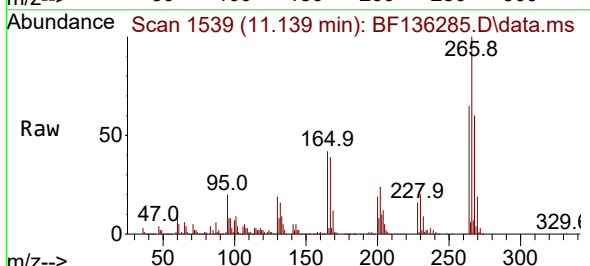
RT: 11.139 min Scan# 1539

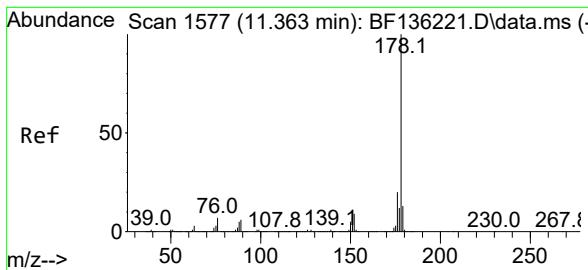
Delta R.T. 0.000 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Tgt Ion:266 Resp: 375098
 Ion Ratio Lower Upper
 266 100
 268 59.6 47.9 71.9
 264 65.0 49.1 73.7





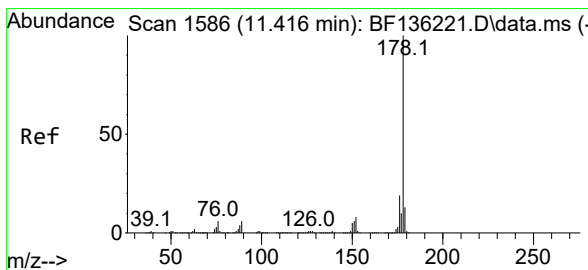
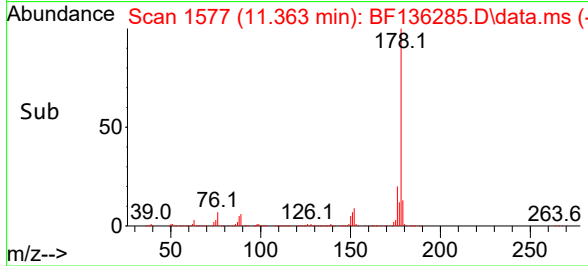
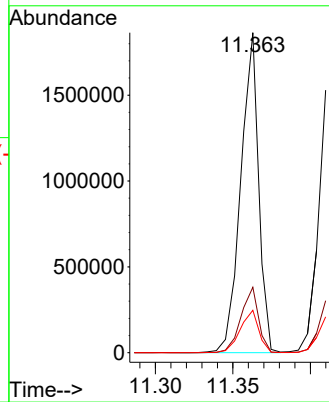
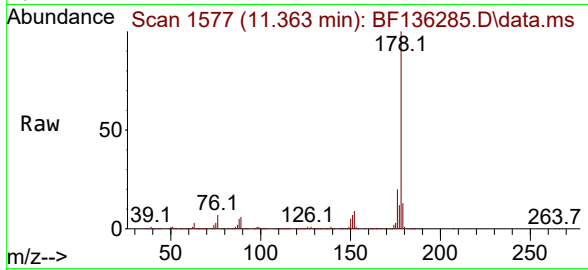
#71
Phenanthrene
Concen: 48.184 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :
BNA_F
ClientSampleId :
PB157073BS

Tgt Ion:178 Resp: 1495184
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 13.3 10.3 15.5

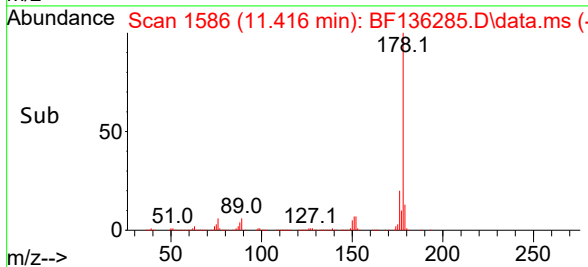
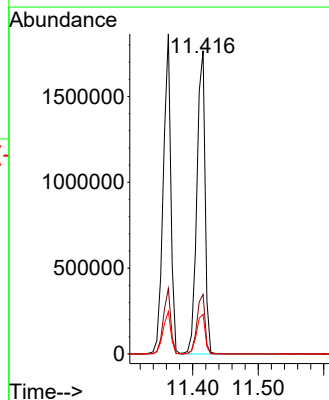
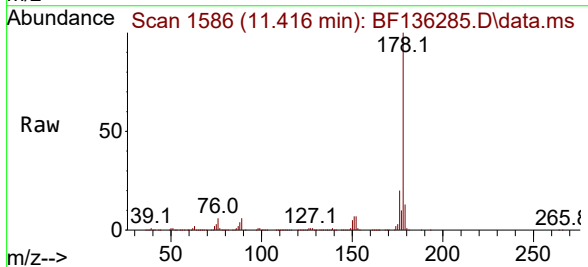
Manual Integrations
APPROVED

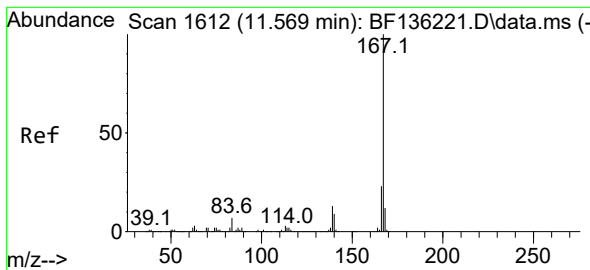
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 49.462 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

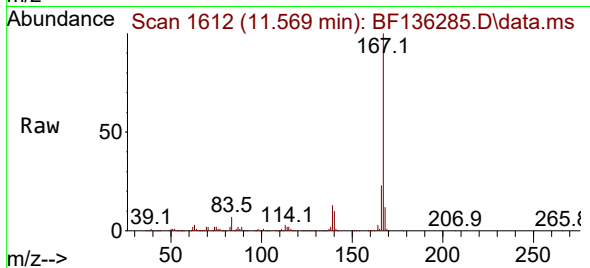
Tgt Ion:178 Resp: 1539164
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 13.1 10.5 15.7





#73
 Carbazole
 Concen: 46.429 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00

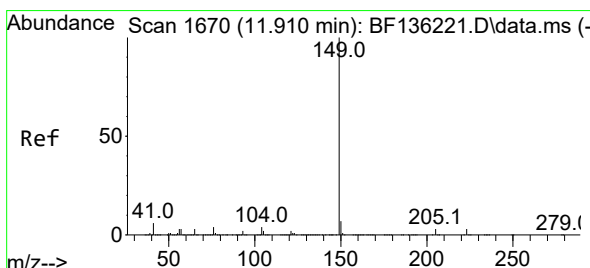
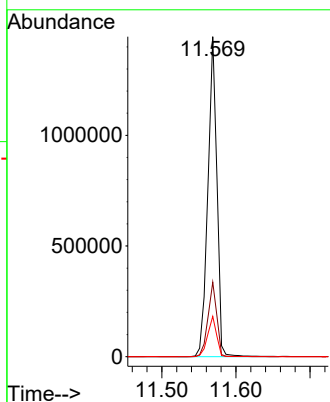
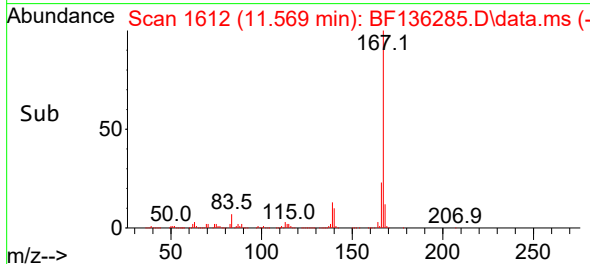
Instrument :
 BNA_F
 ClientSampleId :
 PB157073BS



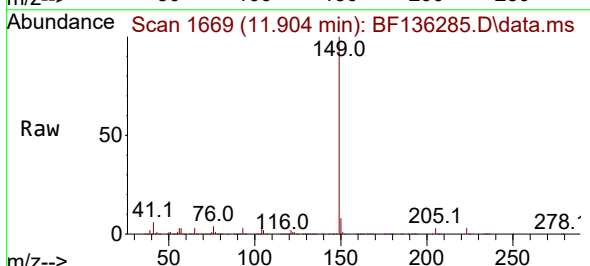
Tgt Ion:167 Resp: 1228815
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.4 27.6
 139 12.6 10.5 15.7

Manual Integrations
 APPROVED

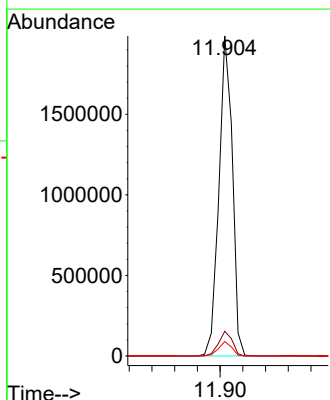
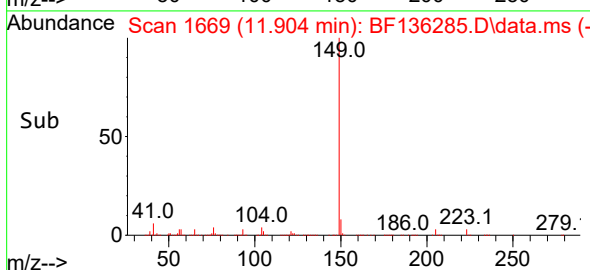
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

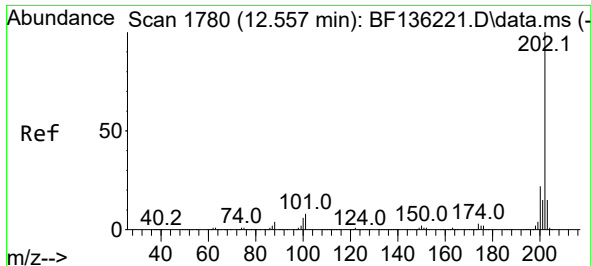


#74
 Di-n-butylphthalate
 Concen: 49.322 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00



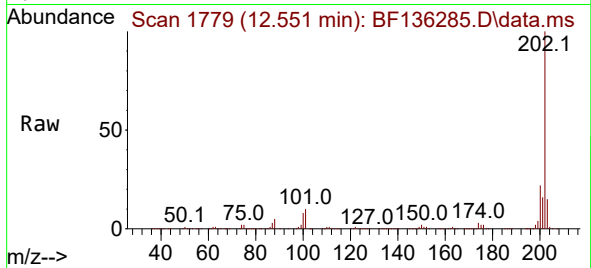
Tgt Ion:149 Resp: 1633294
 Ion Ratio Lower Upper
 149 100
 150 7.7 6.0 9.0
 104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 45.731 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

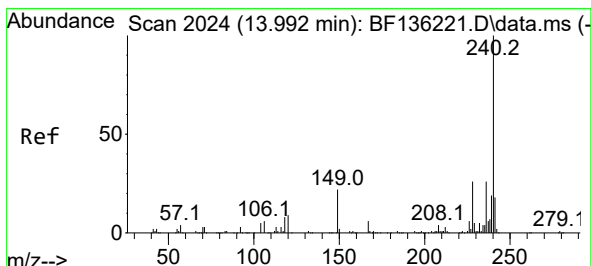
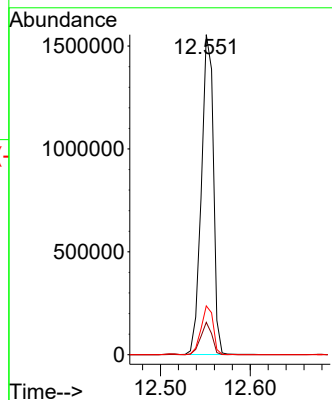
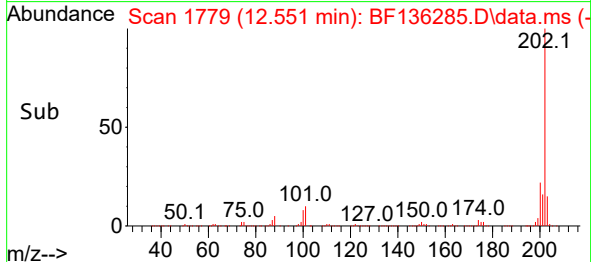
Instrument :
BNA_F
ClientSampleId :
PB157073BS



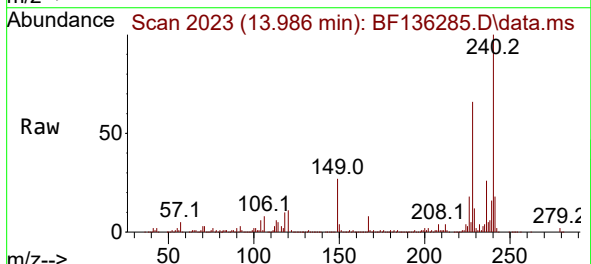
Tgt Ion:202 Resp: 144058
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.8
203 15.2 0.0 34.5

Manual Integrations
APPROVED

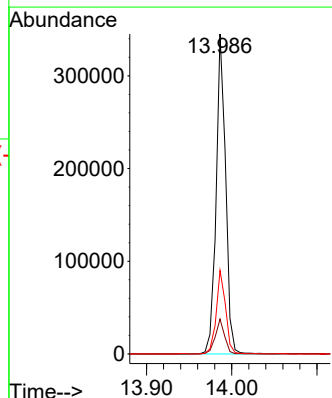
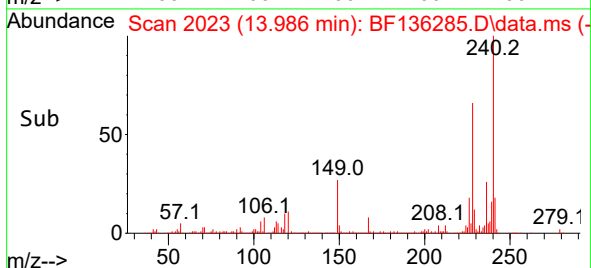
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

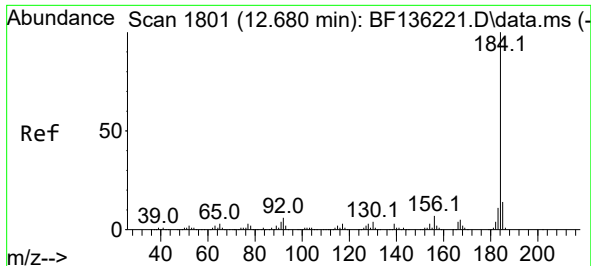


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



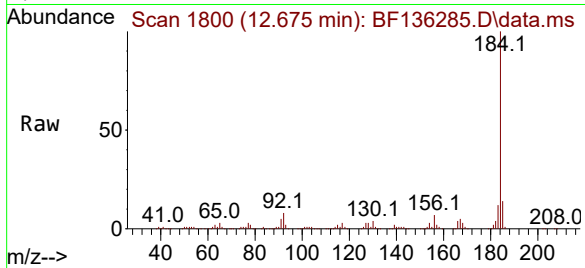
Tgt Ion:240 Resp: 269199
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.2
236 26.1 21.1 31.7





#77
Benzidine
Concen: 55.988 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

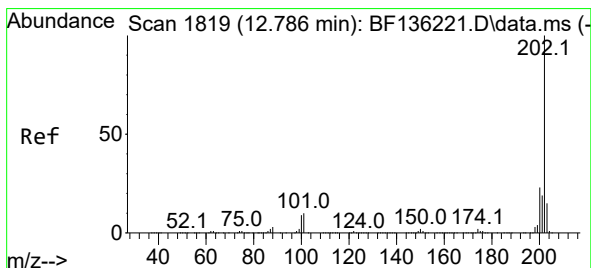
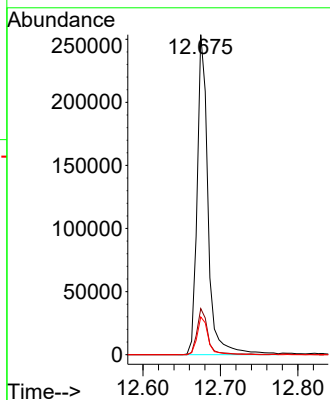
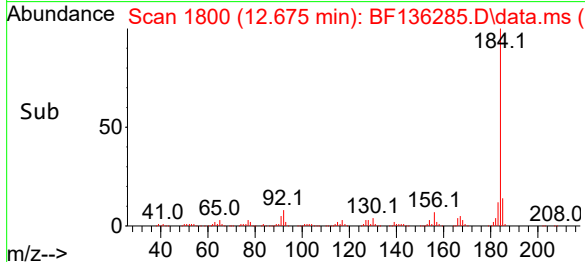
Instrument :
BNA_F
ClientSampleId :
PB157073BS



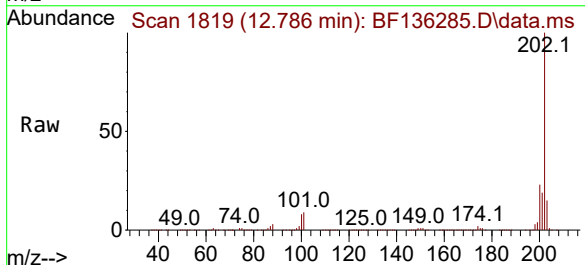
Tgt Ion:184 Resp: 24775
Ion Ratio Lower Upper
184 100
185 14.4 11.0 16.6
183 11.8 9.0 13.4

Manual Integrations
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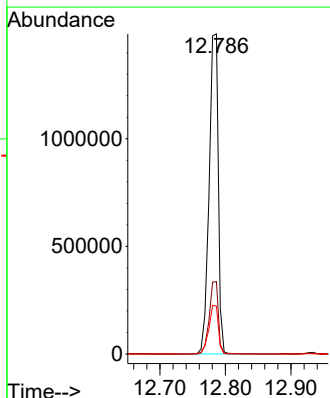
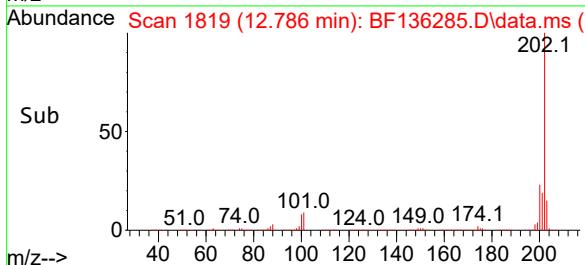
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

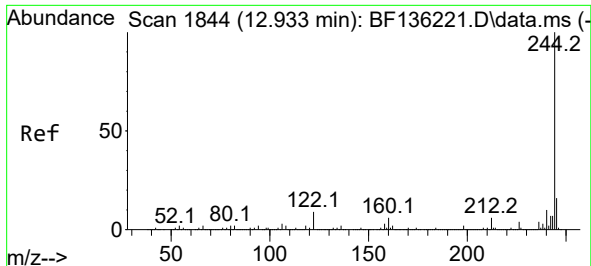


#78
Pyrene
Concen: 49.268 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



Tgt Ion:202 Resp: 1452509
Ion Ratio Lower Upper
202 100
200 22.6 18.4 27.6
203 15.0 11.8 17.6





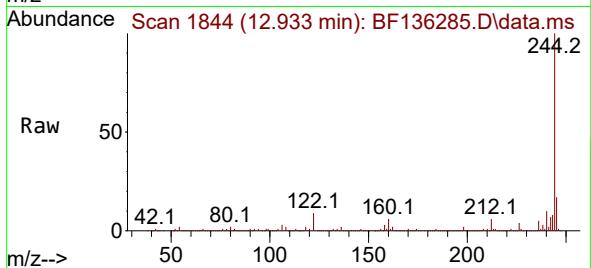
#79
 Terphenyl-d14
 Concen: 93.879 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

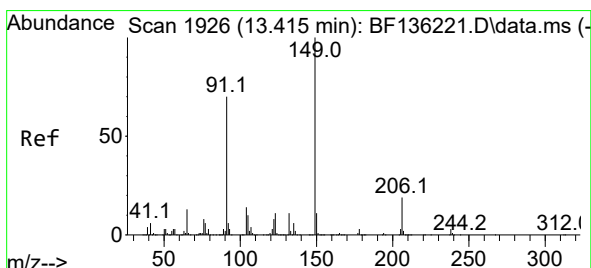
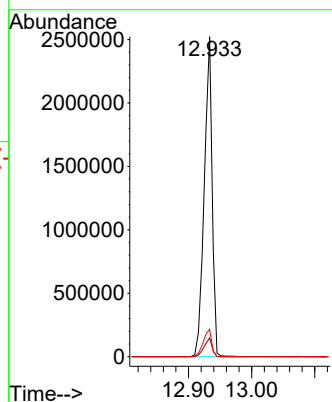
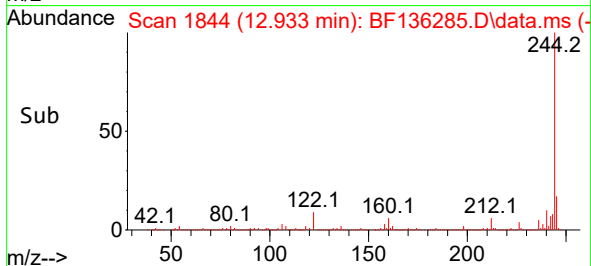


Tgt Ion:244 Resp: 219094
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 8.5 7.3 10.9

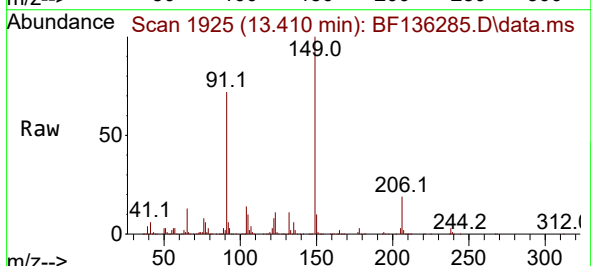
Manual Integrations

APPROVED

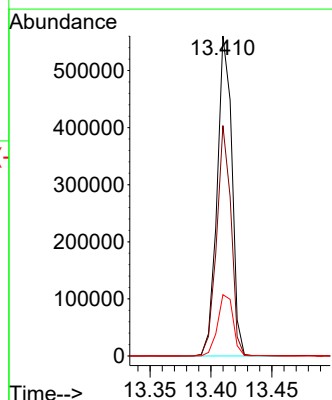
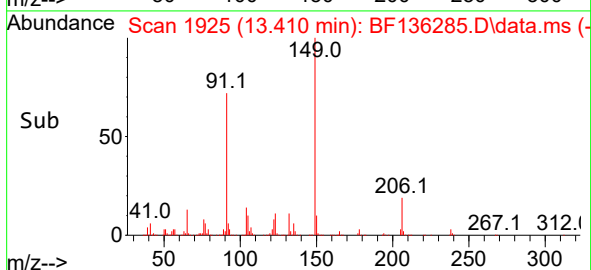
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

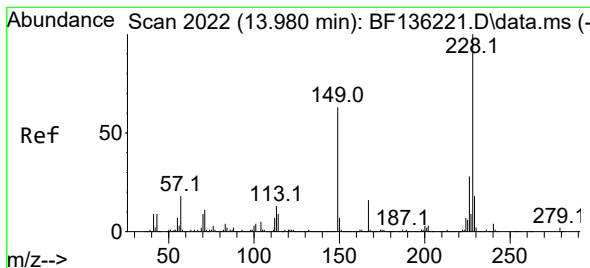


#80
 Butylbenzylphthalate
 Concen: 51.667 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00



Tgt Ion:149 Resp: 474071
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.4 84.6
 206 19.1 14.8 22.2





#81

Benzo(a)anthracene

Concen: 46.908 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136285.D

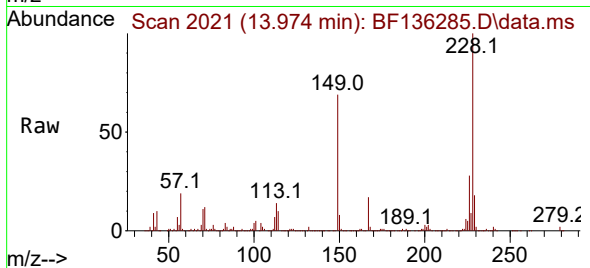
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS



Tgt Ion:228 Resp: 937928

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

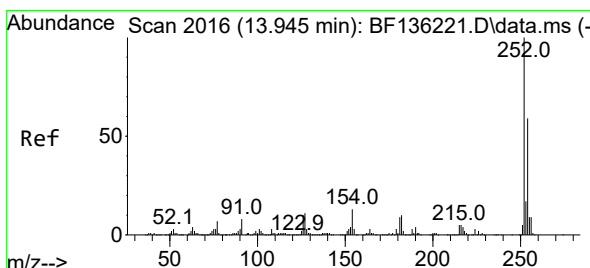
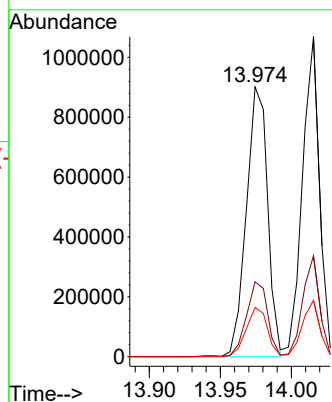
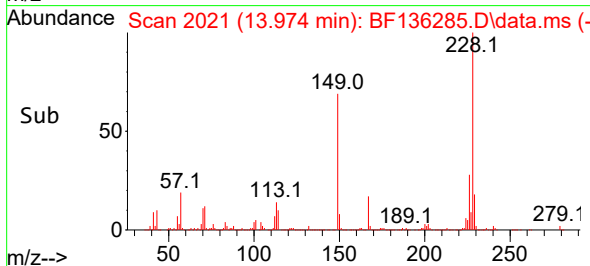
229 18.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.724 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

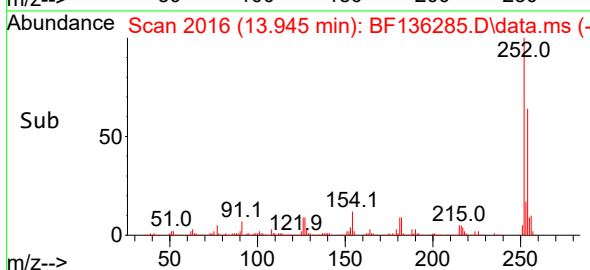
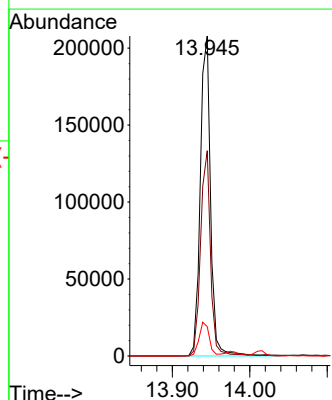
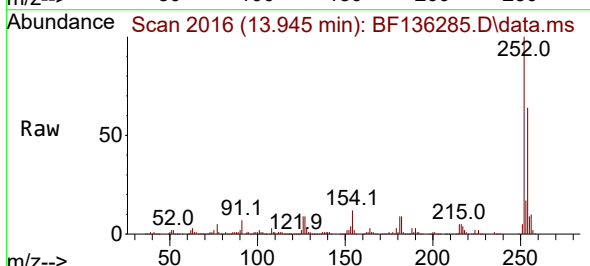
Tgt Ion:252 Resp: 191198

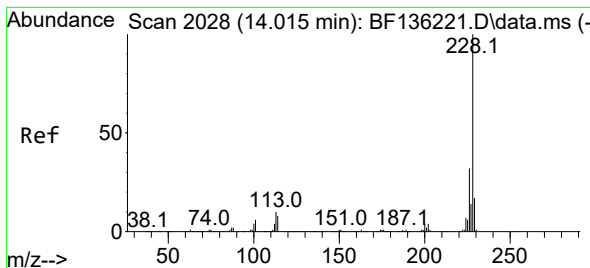
Ion Ratio Lower Upper

252 100

254 64.1 47.4 71.2

126 9.1 8.3 12.5





#83

Chrysene

Concen: 46.376 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

PB157073BS

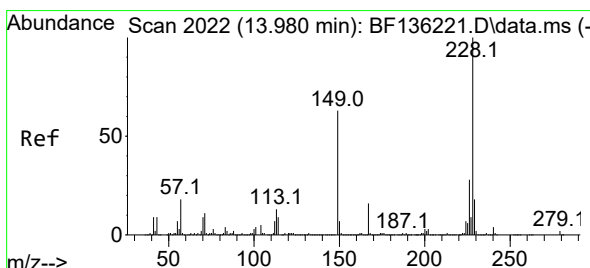
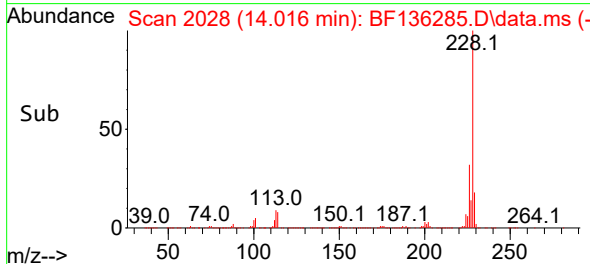
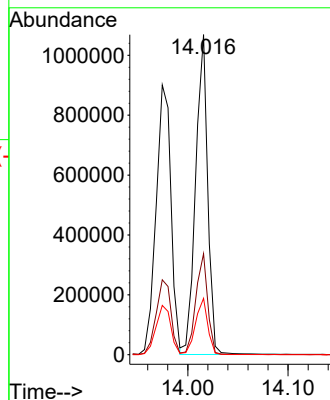
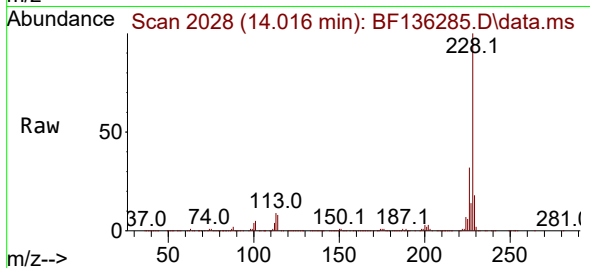
Tgt Ion:228 Resp: 89535
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.5 38.3
 229 17.6 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.473 ng

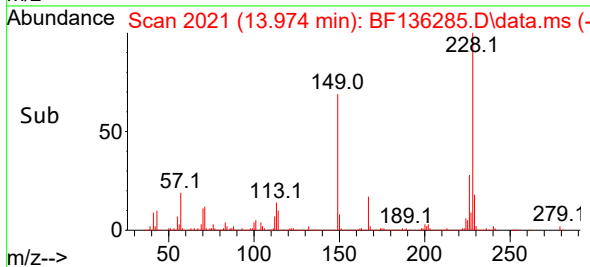
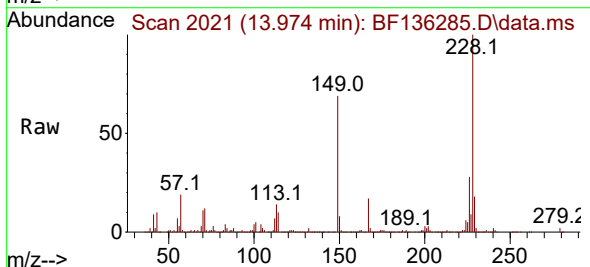
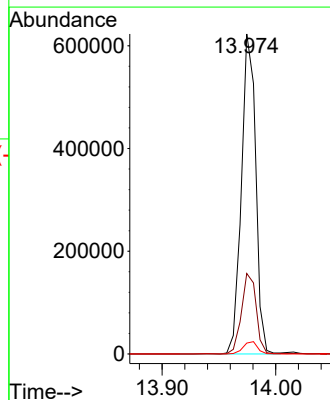
RT: 13.974 min Scan# 2021

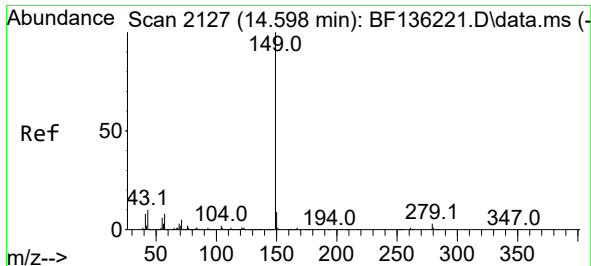
Delta R.T. -0.006 min

Lab File: BF136285.D

Acq: 29 Nov 2023 16:00

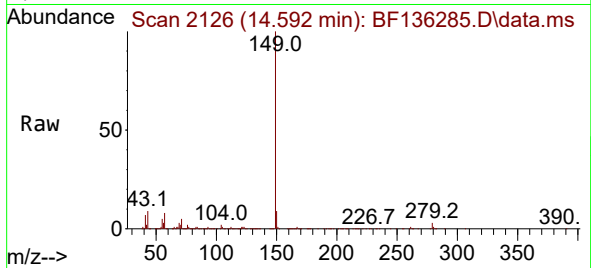
Tgt Ion:149 Resp: 544781
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.2
 279 3.4 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 48.399 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

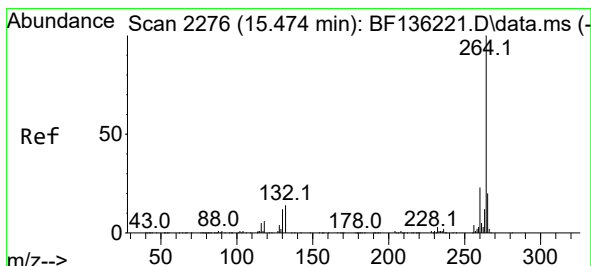
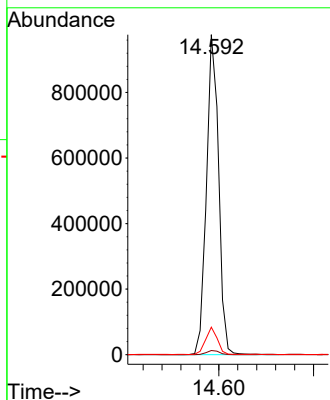
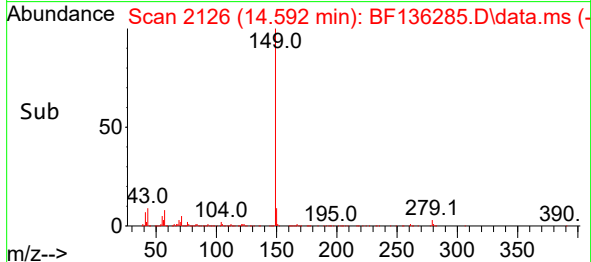
Instrument :
BNA_F
ClientSampleId :
PB157073BS



Tgt Ion:149 Resp: 866445
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.2 7.2 10.8

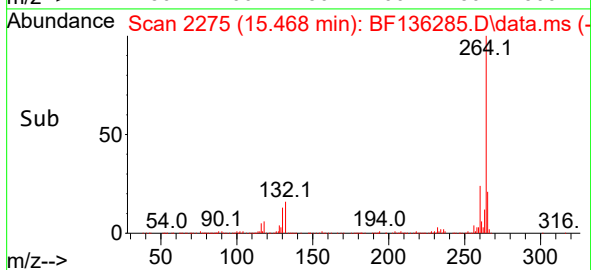
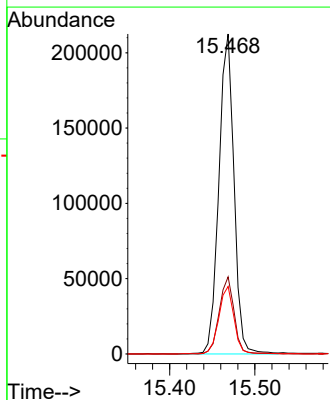
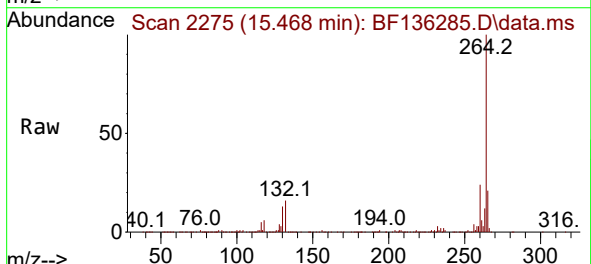
Manual Integrations
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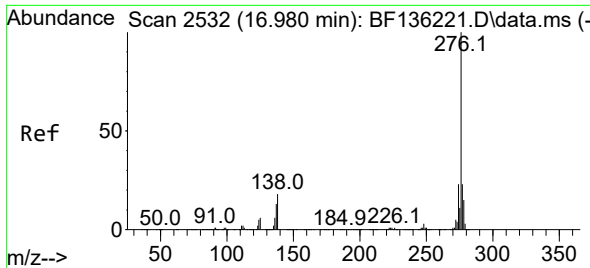
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Tgt Ion:264 Resp: 262179
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 21.1 15.7 23.5





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.077 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

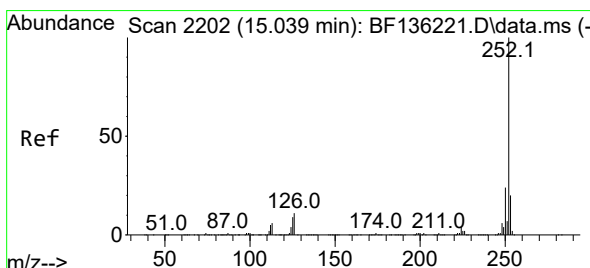
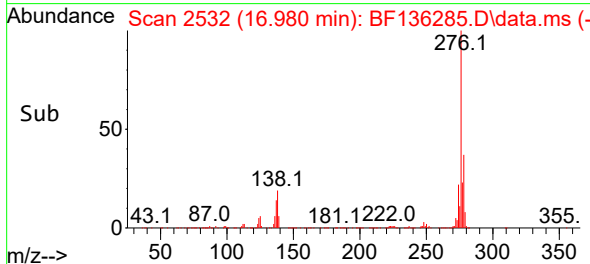
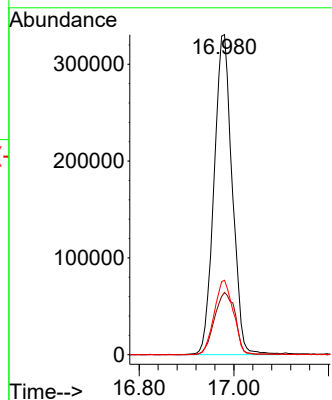
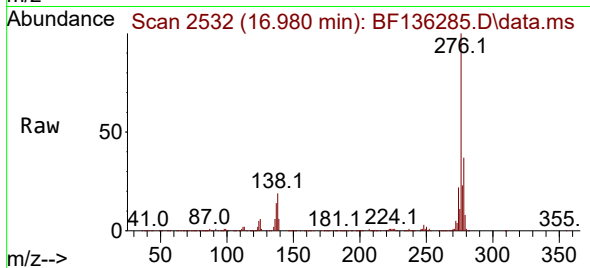
ClientSampleId :

PB157073BS

Tgt Ion:276 Resp: 880000
 Ion Ratio Lower Upper
 276 100
 138 22.3 17.7 26.5
 277 24.5 19.6 29.4

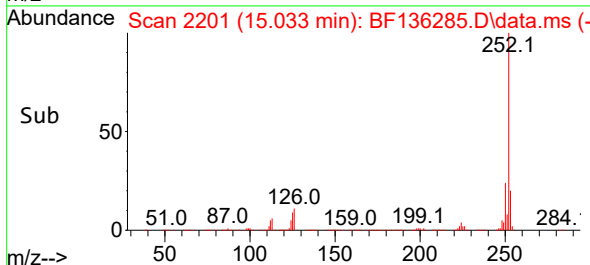
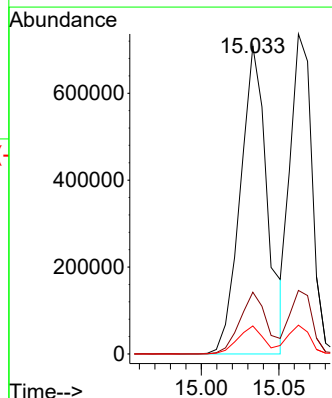
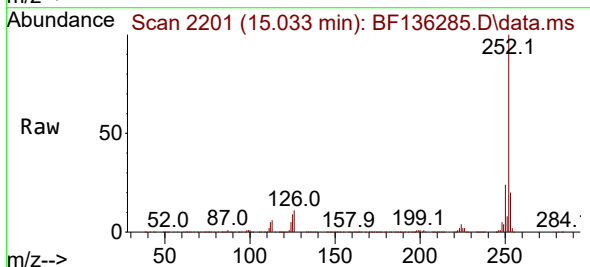
Manual Integrations
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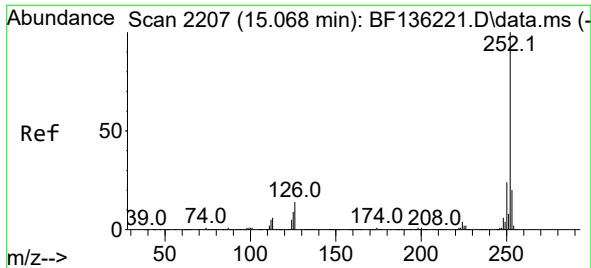
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#88
 Benzo(b)fluoranthene
 Concen: 46.491 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF136285.D
 Acq: 29 Nov 2023 16:00

Tgt Ion:252 Resp: 855165
 Ion Ratio Lower Upper
 252 100
 253 20.1 16.2 24.2
 125 9.1 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 41.709 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

Instrument :

BNA_F

ClientSampleId :

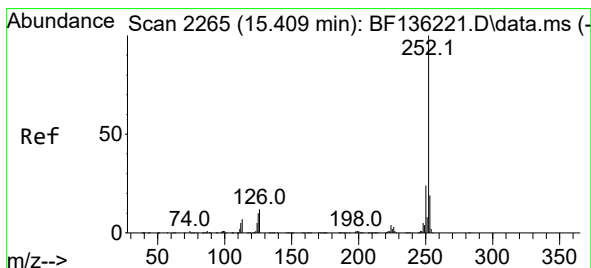
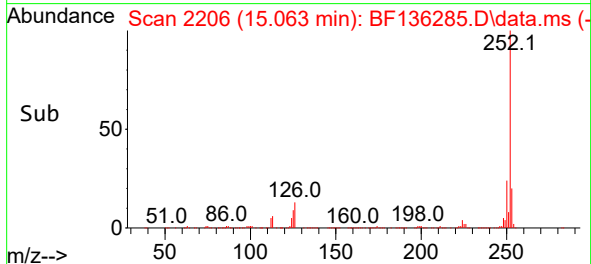
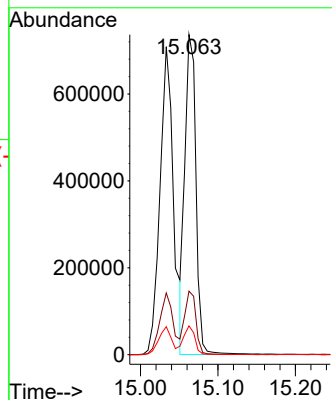
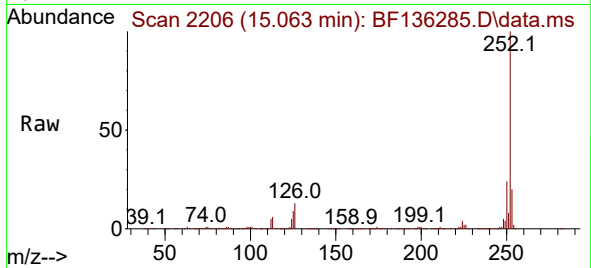
PB157073BS

Tgt Ion:252 Resp: 72866
Ion Ratio Lower Upper
252 100
253 19.9 15.6 23.4
125 9.0 7.0 10.4

Manual Integrations

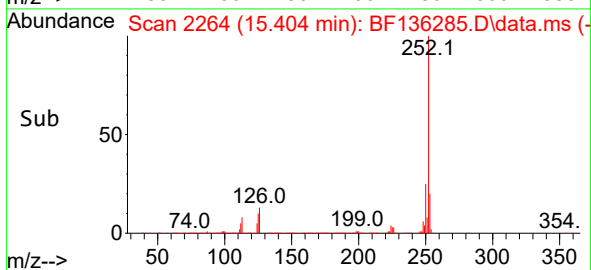
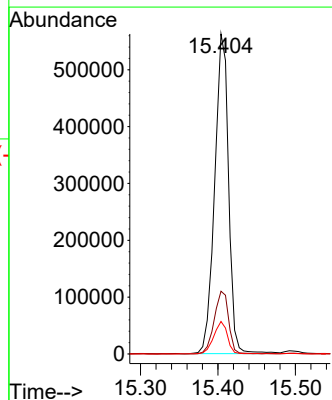
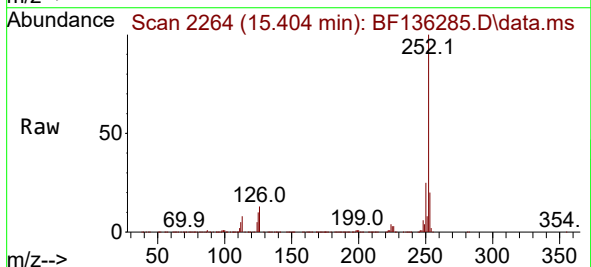
APPROVED

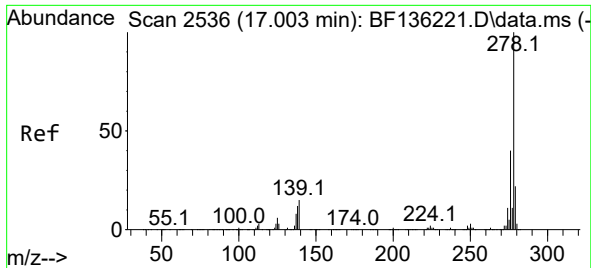
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 46.607 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

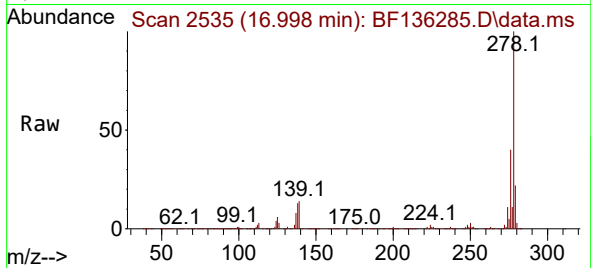
Tgt Ion:252 Resp: 700819
Ion Ratio Lower Upper
252 100
253 19.6 15.5 23.3
125 10.1 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 45.600 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00

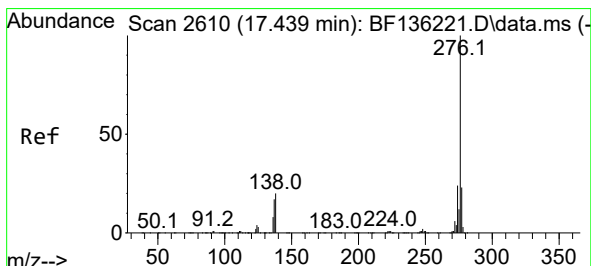
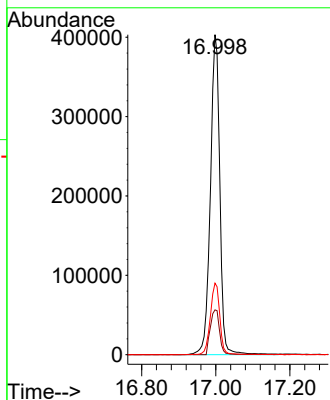
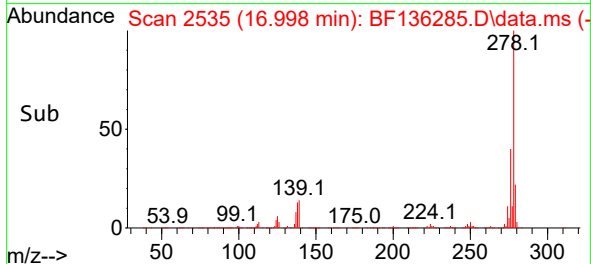
Instrument :
BNA_F
ClientSampleId :
PB157073BS



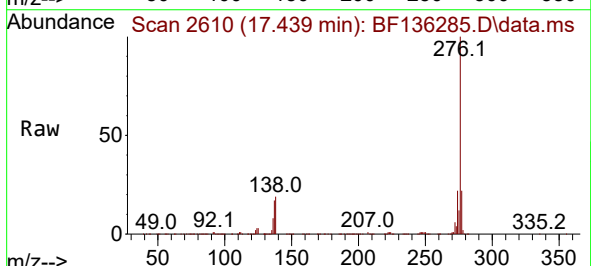
Tgt Ion:278 Resp: 714972
Ion Ratio Lower Upper
278 100
139 14.0 11.7 17.5
279 22.4 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 43.535 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136285.D
Acq: 29 Nov 2023 16:00



Tgt Ion:276 Resp: 684221
Ion Ratio Lower Upper
276 100
277 22.3 18.6 27.8
138 18.6 15.8 23.8

