

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136568.D
 Acq On : 14 Dec 2023 15:03
 Operator : CG\JU
 Sample : PB157641BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 14 15:29:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	114634	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	473708	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	248849	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	475485	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	267167	20.000	ng	-0.01
86) Perylene-d12	15.445	264	243216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	662039	85.290	ng	0.00
7) Phenol-d6	6.434	99	813924	84.044	ng	-0.01
23) Nitrobenzene-d5	7.357	82	720168	82.187	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	276457	90.100	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1527497	83.756	ng	-0.02
79) Terphenyl-d14	12.910	244	1810450	89.317	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	108344	35.289	ng	96
3) Pyridine	3.410	79	277304	37.297	ng	95
4) n-Nitrosodimethylamine	3.387	42	136351	42.211	ng	# 99
6) Aniline	6.457	93	356176	36.392	ng	98
8) 2-Chlorophenol	6.575	128	378721	44.692	ng	98
9) Benzaldehyde	6.340	77	132602	24.683	ng	97
10) Phenol	6.445	94	444871	43.169	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	328430	42.757	ng	98
12) 1,3-Dichlorobenzene	6.728	146	387142	40.624	ng	99
13) 1,4-Dichlorobenzene	6.804	146	391057	40.452	ng	99
14) 1,2-Dichlorobenzene	6.957	146	375496	41.306	ng	98
15) Benzyl Alcohol	6.934	79	298378	46.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	402444	40.736	ng	94
17) 2-Methylphenol	7.051	107	301133	43.986	ng	94
18) Hexachloroethane	7.292	117	139726	41.399	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	238838	42.752	ng	99
20) 3+4-Methylphenols	7.204	107	365984	43.069	ng	# 83
22) Acetophenone	7.198	105	497063	42.493	ng	# 97
24) Nitrobenzene	7.375	77	362241	41.094	ng	96
25) Isophorone	7.610	82	674197	42.826	ng	98
26) 2-Nitrophenol	7.687	139	199195	45.965	ng	95
27) 2,4-Dimethylphenol	7.728	122	336365	62.948	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	419409	43.356	ng	99
29) 2,4-Dichlorophenol	7.928	162	318306	45.129	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	344450	41.881	ng	97
31) Naphthalene	8.086	128	1087512	41.630	ng	99
32) Benzoic acid	7.869	122	223577	42.177	ng	97
33) 4-Chloroaniline	8.139	127	176674	18.970	ng	98
34) Hexachlorobutadiene	8.204	225	200451	41.125	ng	98
35) Caprolactam	8.522	113	101925m	46.926	ng	
36) 4-Chloro-3-methylphenol	8.633	107	335084	44.744	ng	96
37) 2-Methylnaphthalene	8.781	142	718887	43.256	ng	95
38) 1-Methylnaphthalene	8.881	142	668951	41.020	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	338877	43.771	ng	99
41) Hexachlorocyclopentadiene	8.933	237	412187	143.708	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	232060	46.034	ng	99

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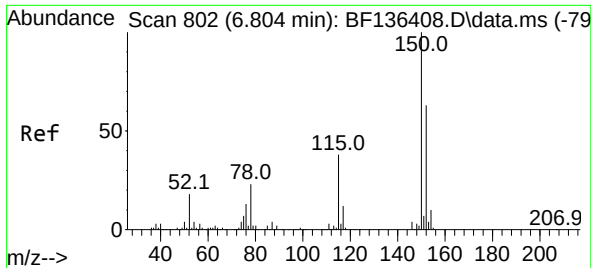
Manual Integrations
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 Supervised By :mohammad ahmed 12/15/2023

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	245675	43.665	ng	94
46) 1,1'-Biphenyl	9.251	154	916835	43.299	ng	98
47) 2-Chloronaphthalene	9.275	162	706211	42.851	ng	98
48) 2-Nitroaniline	9.375	65	195534	44.237	ng	88
49) Acenaphthylene	9.686	152	1050927	44.764	ng	99
50) Dimethylphthalate	9.557	163	825992	45.084	ng	99
51) 2,6-Dinitrotoluene	9.616	165	183807	44.594	ng	96
52) Acenaphthene	9.863	154	662740	44.053	ng	96
53) 3-Nitroaniline	9.786	138	126276	30.002	ng	95
54) 2,4-Dinitrophenol	9.898	184	192606	92.424	ng	94
55) Dibenzofuran	10.033	168	958880	43.629	ng	100
56) 4-Nitrophenol	9.963	139	294721	93.406	ng	96
57) 2,4-Dinitrotoluene	10.028	165	237569	43.570	ng	96
58) Fluorene	10.375	166	763408	43.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	215606	47.841	ng	99
60) Diethylphthalate	10.257	149	805033	44.685	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	386302	44.916	ng	98
62) 4-Nitroaniline	10.410	138	187646	44.899	ng	97
63) Azobenzene	10.533	77	708783	43.224	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	136771	46.446	ng	95
66) n-Nitrosodiphenylamine	10.492	169	686096	44.968	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	247285	44.731	ng	98
68) Hexachlorobenzene	10.927	284	279416	43.731	ng	# 91
69) Atrazine	11.027	200	243551	55.929	ng	98
70) Pentachlorophenol	11.122	266	280305	77.731	ng	99
71) Phenanthrene	11.345	178	1183276	45.276	ng	99
72) Anthracene	11.392	178	1203242	45.710	ng	99
73) Carbazole	11.551	167	1031273	44.264	ng	100
74) Di-n-butylphthalate	11.886	149	1270786	44.493	ng	100
75) Fluoranthene	12.533	202	1186904	43.337	ng	98
77) Benzidine	12.657	184	288989	44.258	ng	98
78) Pyrene	12.763	202	1195154	45.677	ng	98
80) Butylbenzylphthalate	13.392	149	456384	48.998	ng	99
81) Benzo(a)anthracene	13.957	228	846240	45.473	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	181366	34.759	ng	98
83) Chrysene	13.998	228	818237	44.689	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	591794	51.827	ng	98
85) Di-n-octyl phthalate	14.568	149	912592	54.107	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	818291	48.429	ng	100
88) Benzo(b)fluoranthene	15.010	252	764999	46.003	ng	98
89) Benzo(k)fluoranthene	15.045	252	671089	42.822	ng	99
90) Benzo(a)pyrene	15.380	252	632888	46.084	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	683115	49.349	ng	99
92) Benzo(g,h,i)perylene	17.409	276	659942	46.449	ng	98

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



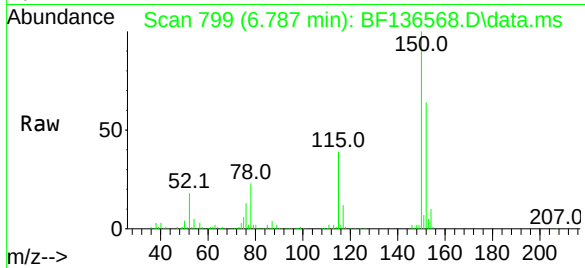
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

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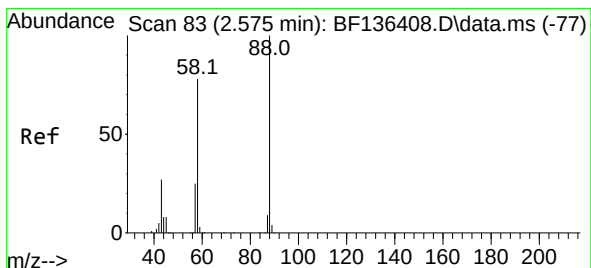
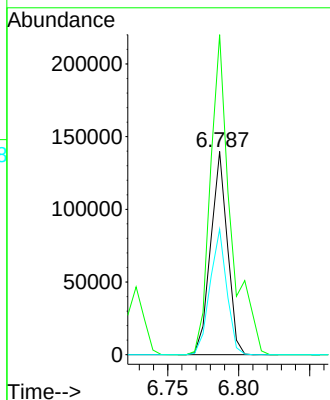
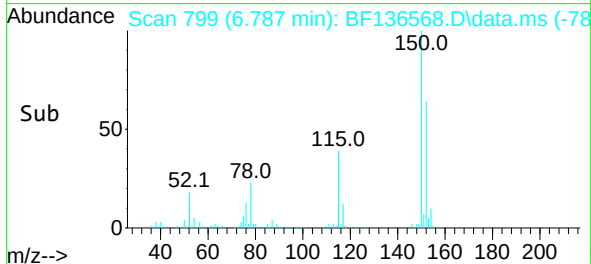
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Ion Ratio Lower Upper
152 100
150 157.4 126.4 189.6
115 61.7 48.2 72.4

Manual Integrations

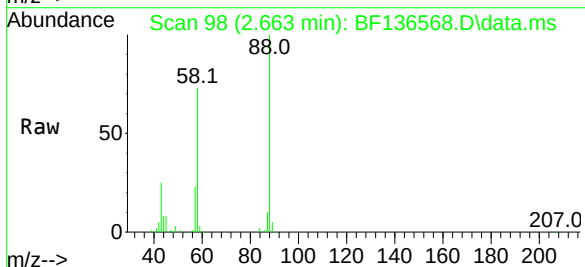
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Reviewed By :Yogesh Patel 12/15/2023

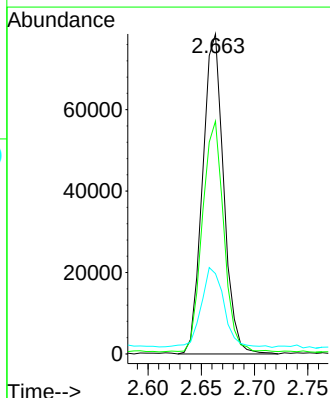
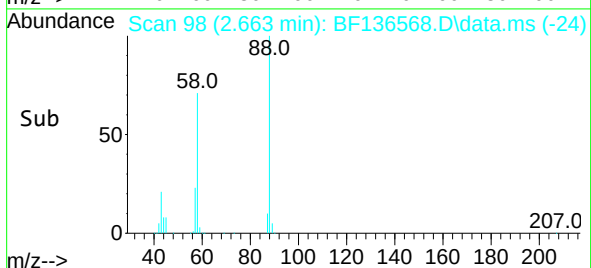
Supervised By :mohammad ahmed 12/15/2023

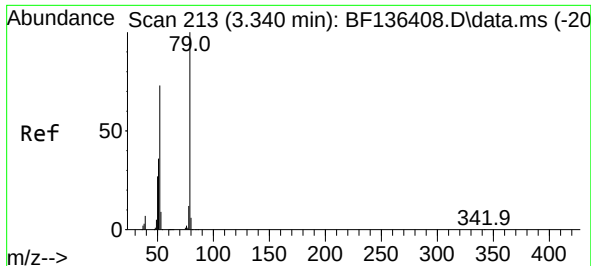


#2
1,4-Dioxane
Concen: 35.289 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.088 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion: 88 Resp: 108344
Ion Ratio Lower Upper
88 100
58 73.3 62.2 93.2
43 27.3 21.5 32.3





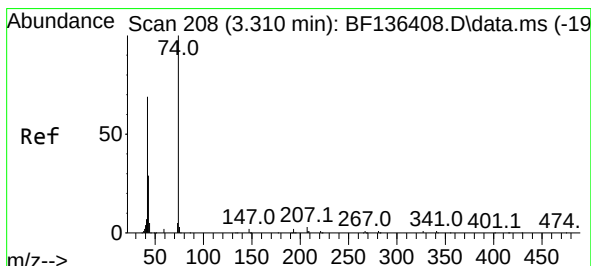
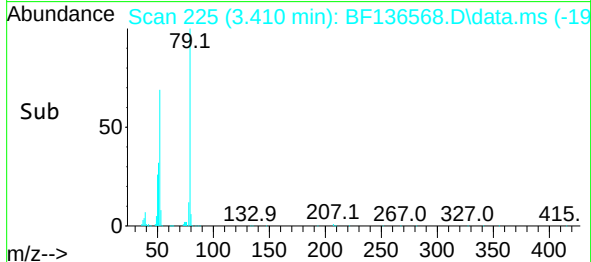
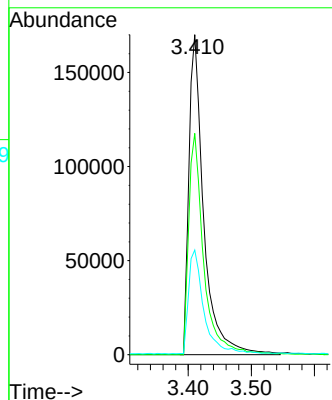
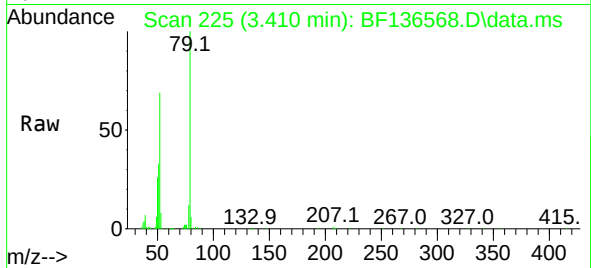
#3
Pyridine
Concen: 37.297 ng
RT: 3.410 min Scan# 213
Delta R.T. 0.071 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion: 79 Resp: 277304
Ion Ratio Lower Upper
79 100
52 69.2 58.2 87.2
51 32.7 29.1 43.7

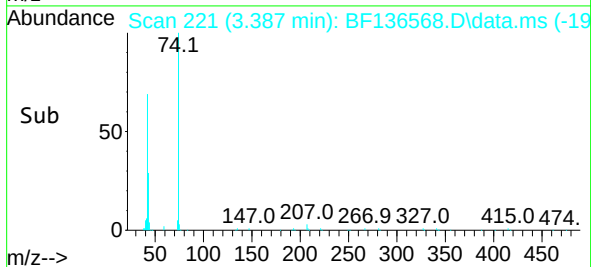
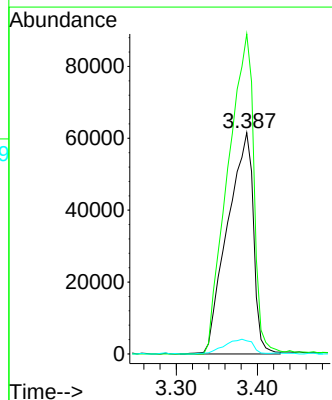
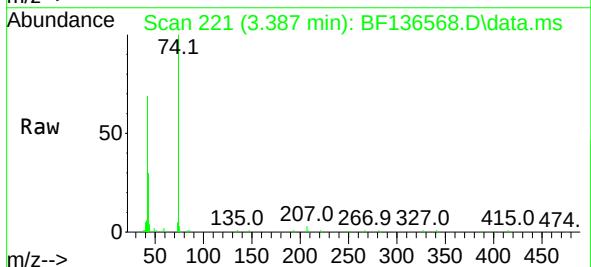
Manual Integrations
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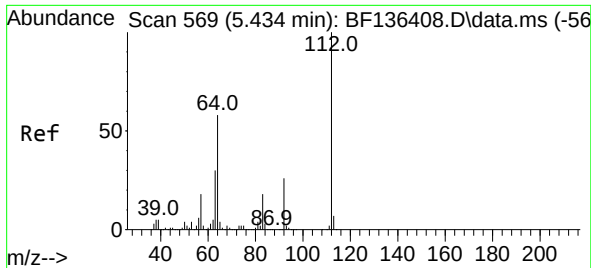
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#4
n-Nitrosodimethylamine
Concen: 42.211 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.076 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion: 42 Resp: 136351
Ion Ratio Lower Upper
42 100
74 144.6 115.4 173.0
44 6.0 6.2 9.2#





#5
2-Fluorophenol
Concen: 85.290 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

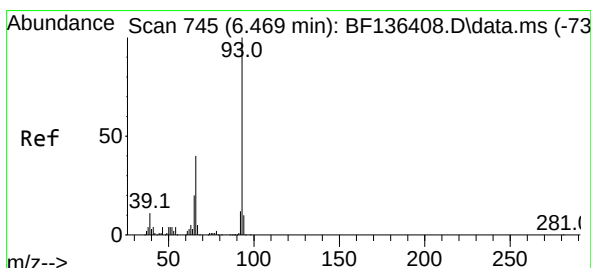
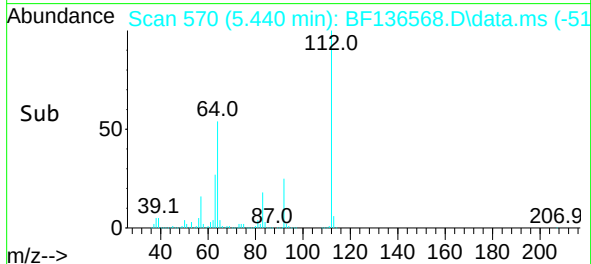
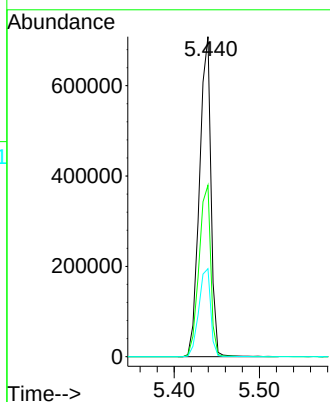
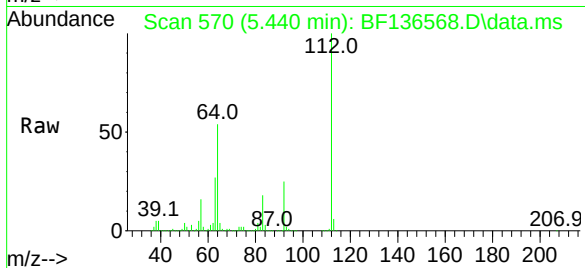
PB157641BS

Tgt Ion:112 Resp: 662039
Ion Ratio Lower Upper
112 100
64 53.5 46.5 69.7
63 27.5 23.9 35.9

Manual Integrations

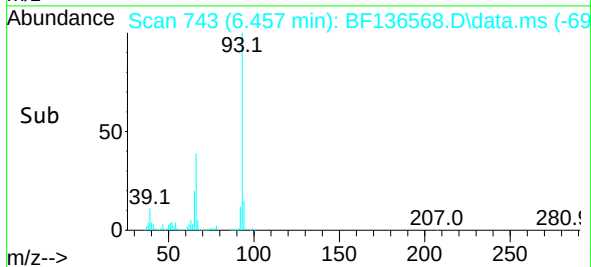
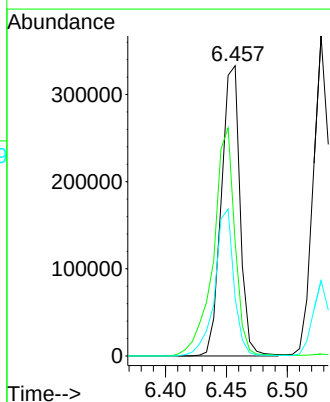
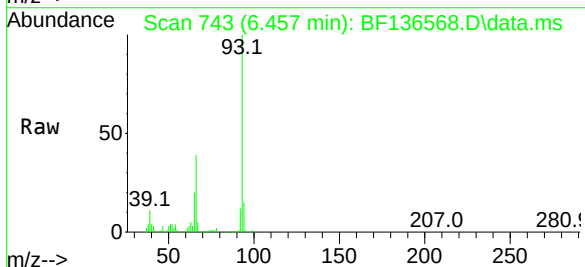
APPROVED

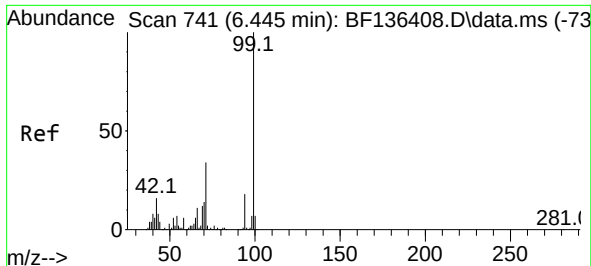
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#6
Aniline
Concen: 36.392 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion: 93 Resp: 356176
Ion Ratio Lower Upper
93 100
66 39.1 32.5 48.7
65 19.7 16.4 24.6





#7

Phenol-d6

Concen: 84.044 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136568.D

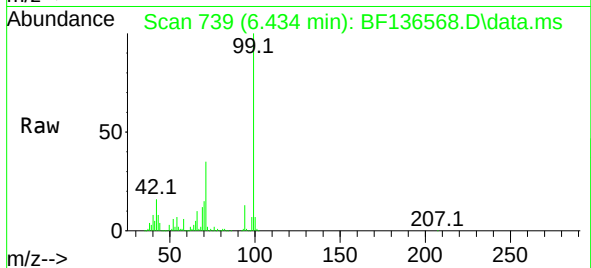
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Instrument :

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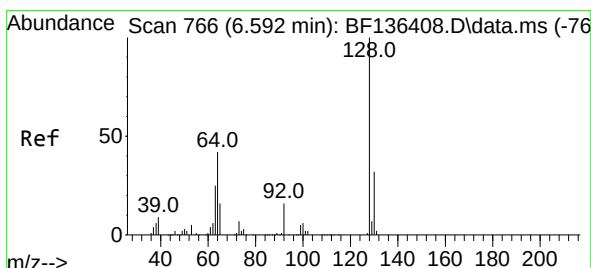
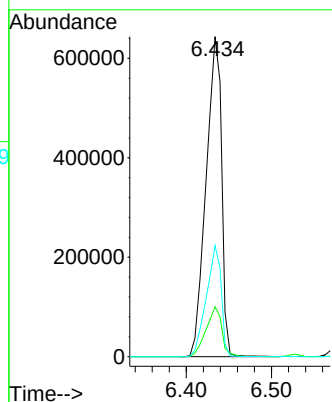
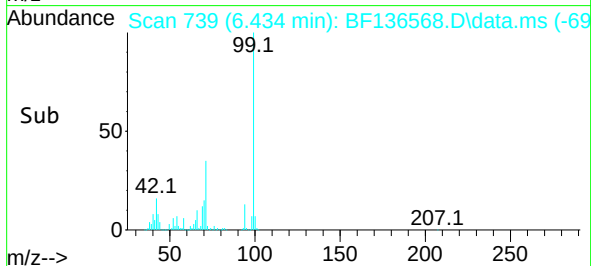
Tgt Ion:	99	Resp:	813924
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	34.7	27.0	40.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.692 ng

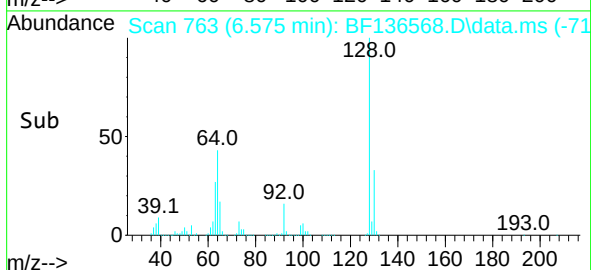
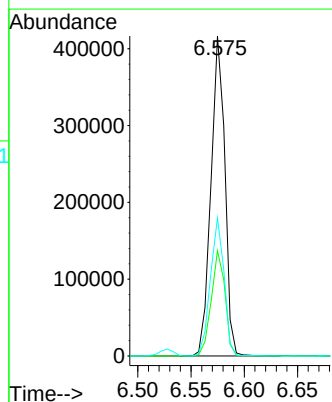
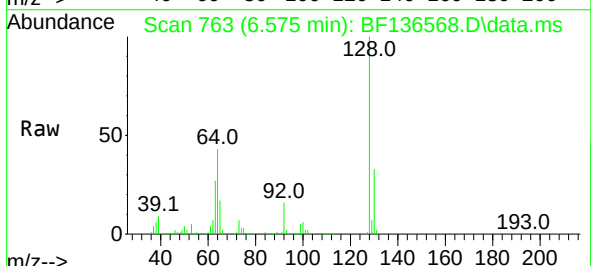
RT: 6.575 min Scan# 763

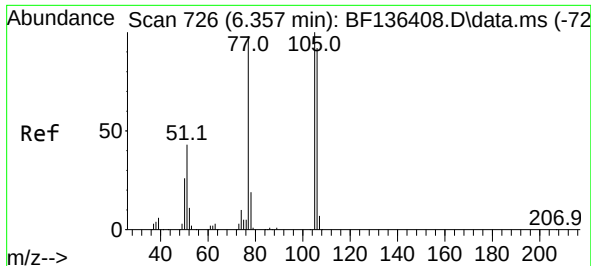
Delta R.T. -0.018 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

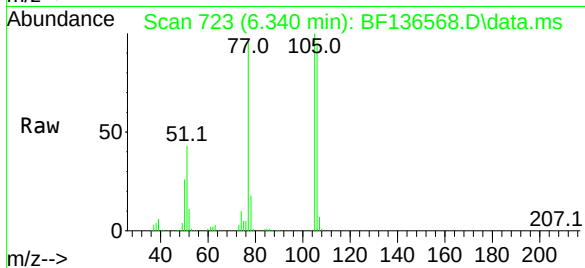
Tgt Ion:	128	Resp:	378721
Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.7	51.7
64	43.2	22.5	62.5





#9
Benzaldehyde
Concen: 24.683 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

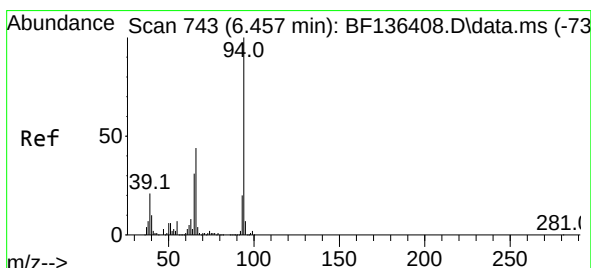
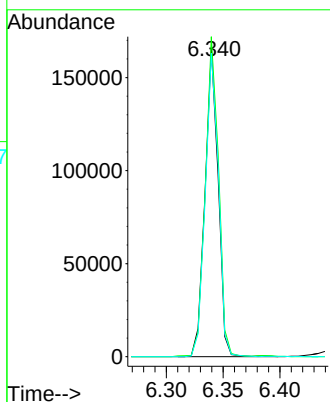
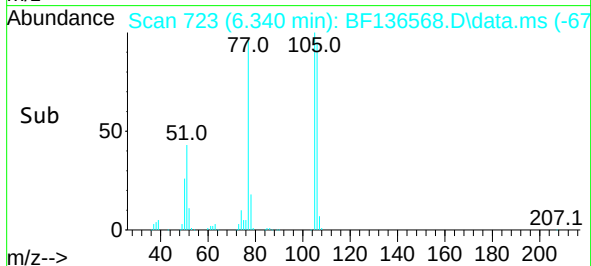
Instrument :
BNA_F
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PB157641BS



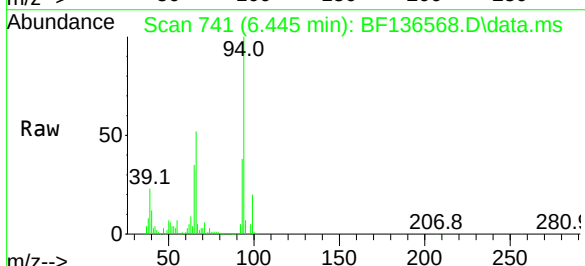
Tgt Ion: 77 Resp: 132602
Ion Ratio Lower Upper
77 100
105 103.9 82.5 122.5
106 98.5 74.5 114.5

Manual Integrations
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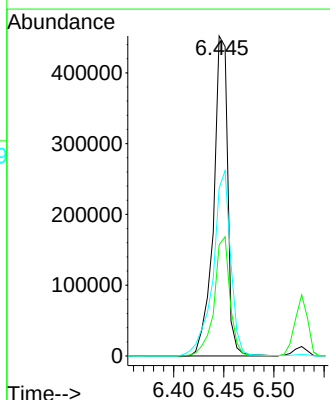
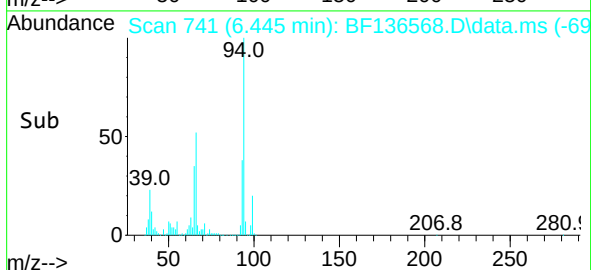
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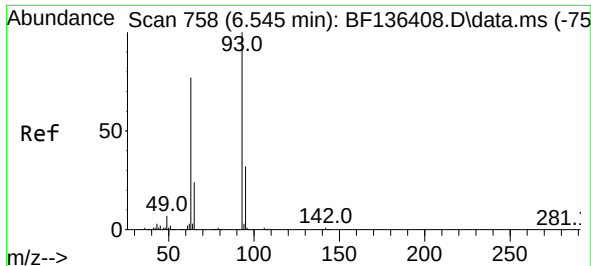


#10
Phenol
Concen: 43.169 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



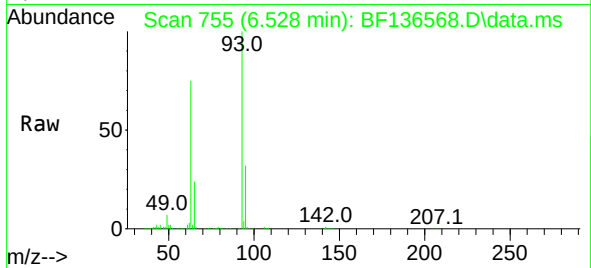
Tgt Ion: 94 Resp: 444871
Ion Ratio Lower Upper
94 100
65 34.7 11.2 51.2
66 52.4 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 42.757 ng
RT: 6.528 min Scan# 758
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

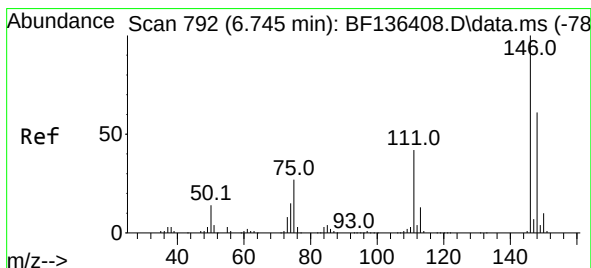
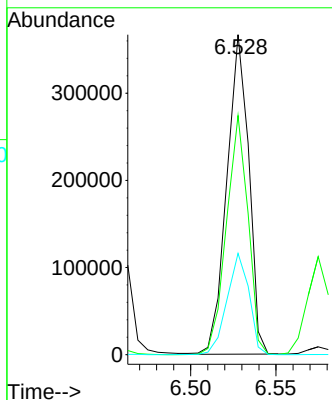
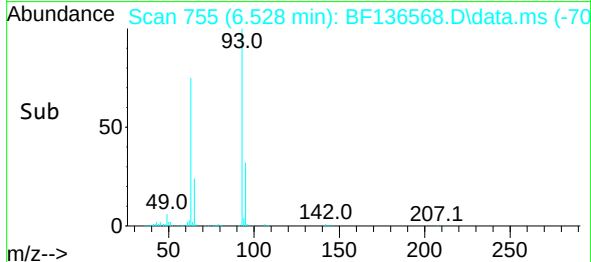
Instrument :
BNA_F
ClientSampleId :
PB157641BS



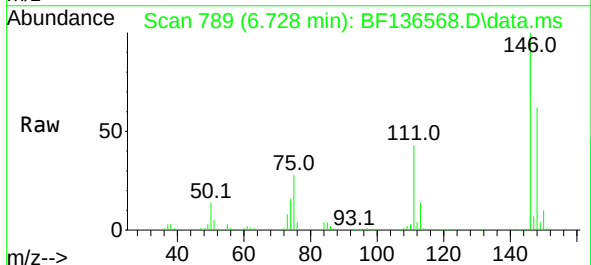
Tgt Ion: 93 Resp: 328430
Ion Ratio Lower Upper
93 100
63 74.8 56.8 96.8
95 31.7 11.8 51.8

Manual Integrations
APPROVED

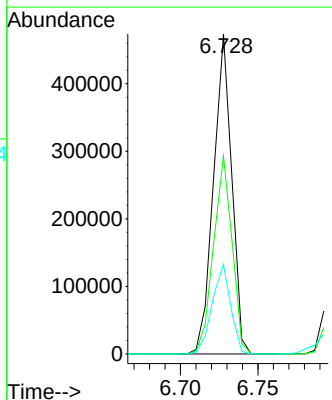
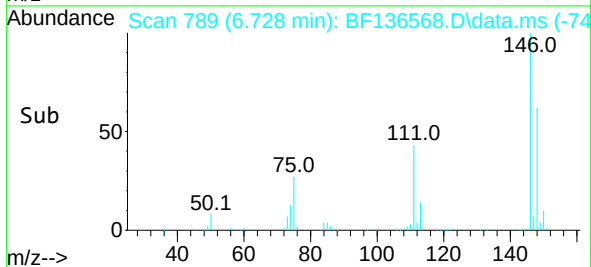
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

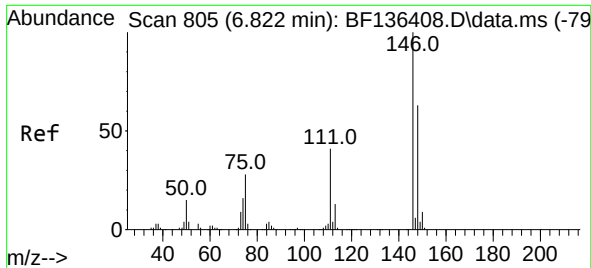


#12
1,3-Dichlorobenzene
Concen: 40.624 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:146 Resp: 387142
Ion Ratio Lower Upper
146 100
148 61.8 49.0 73.6
75 28.0 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 40.452 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

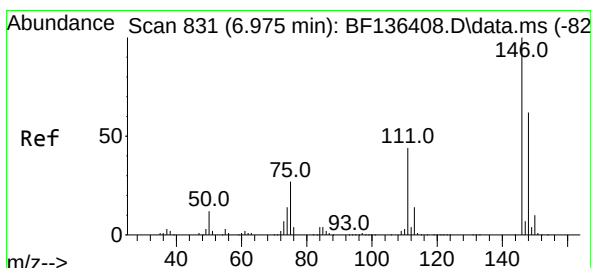
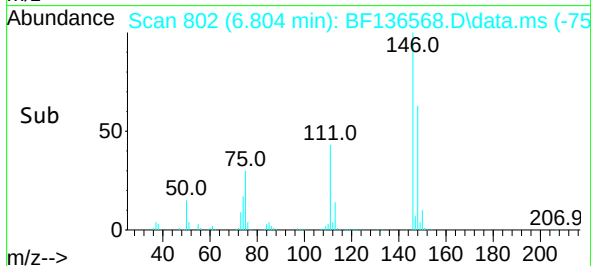
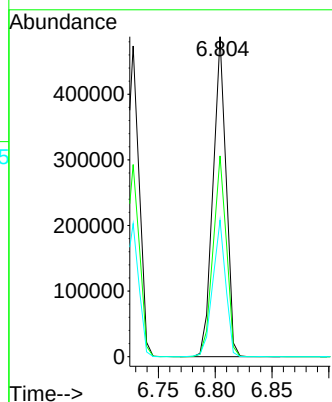
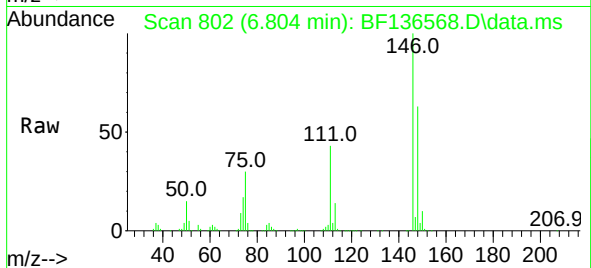
ClientSampleId :

PB157641BS

Tgt Ion:146 Resp: 39105
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 42.7 32.6 49.0

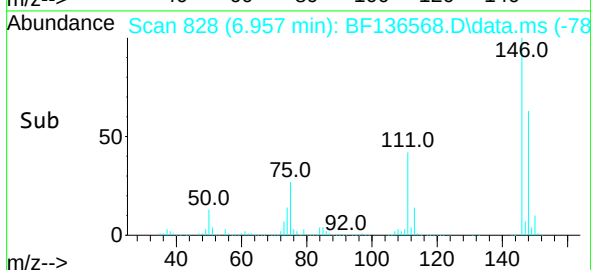
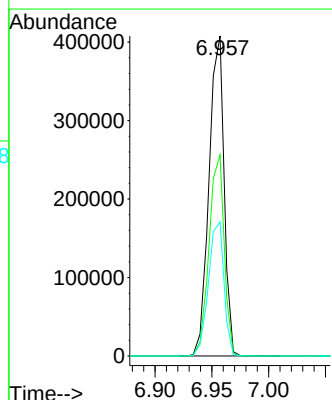
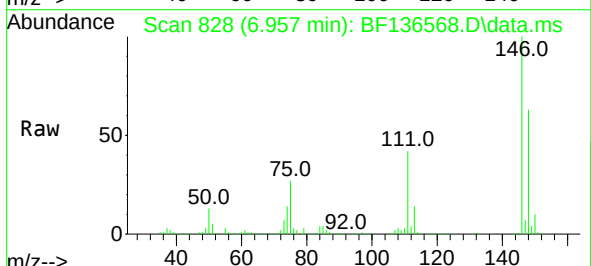
Manual Integrations
APPROVED

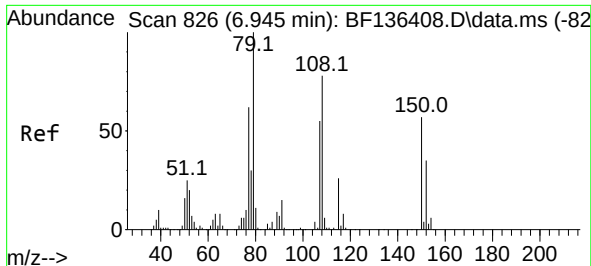
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#14
1,2-Dichlorobenzene
Concen: 41.306 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:146 Resp: 375496
Ion Ratio Lower Upper
146 100
148 62.8 49.8 74.6
111 41.9 34.9 52.3





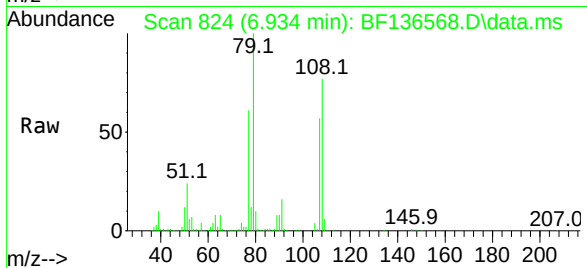
#15
Benzyl Alcohol
Concen: 46.010 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

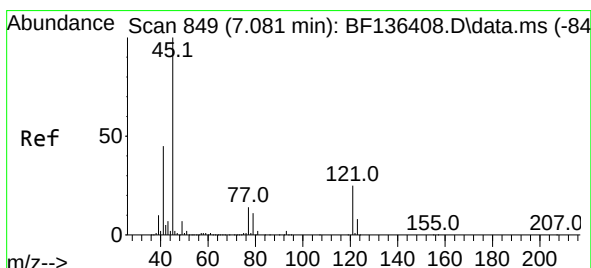
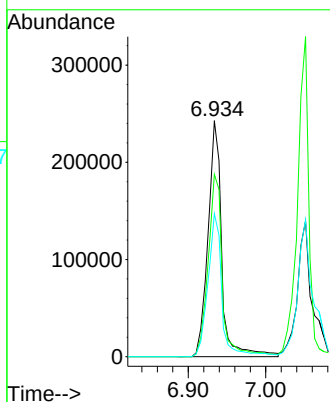
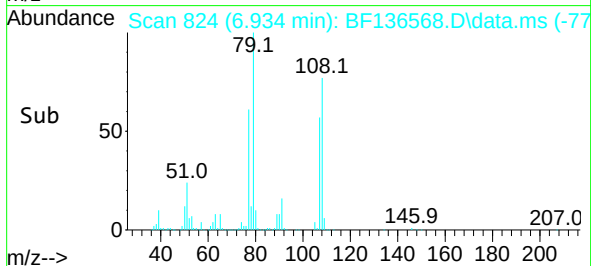
PB157641BS



Tgt Ion: 79 Resp: 298378
Ion Ratio Lower Upper
79 100
108 77.3 62.3 93.5
77 60.6 49.8 74.8

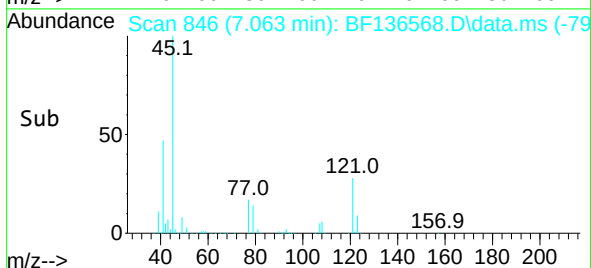
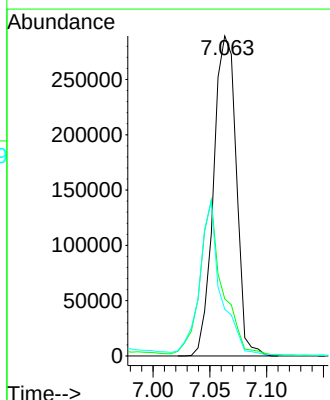
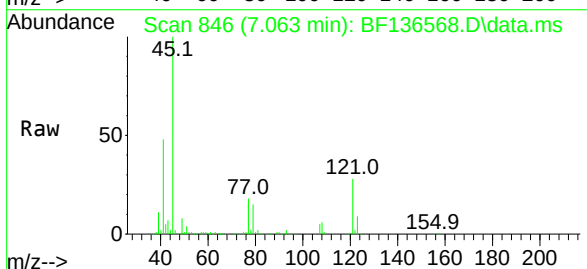
Manual Integrations
APPROVED

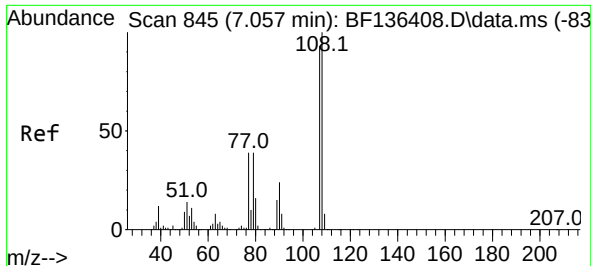
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.736 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion: 45 Resp: 402444
Ion Ratio Lower Upper
45 100
77 17.9 0.0 35.3
79 14.6 0.0 32.5





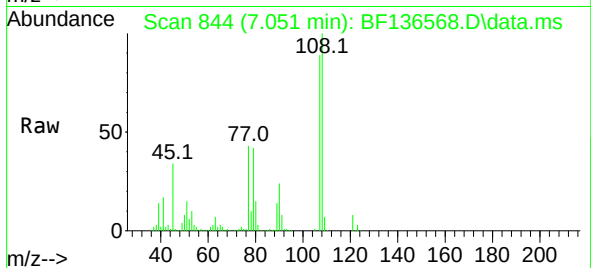
#17
2-Methylphenol
Concen: 43.986 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

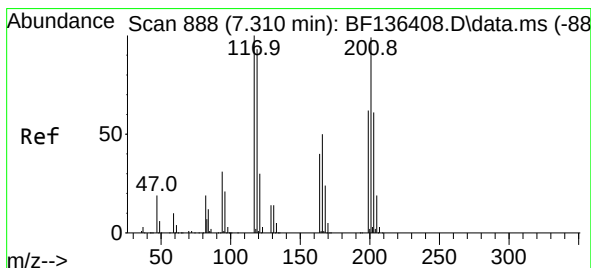
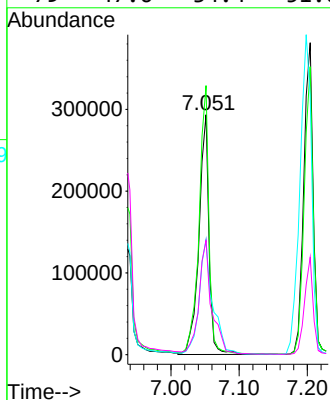
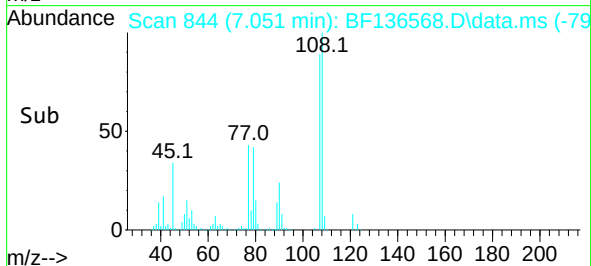


Tgt Ion:	107	Resp:	30113
Ion Ratio	Lower	Upper	
107	100		
108	112.2	86.5	129.7
77	48.0	33.8	50.8
79	47.6	34.4	51.6

Manual Integrations

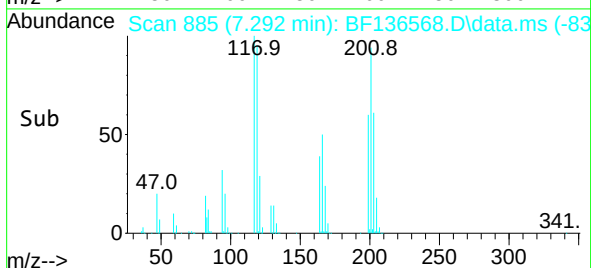
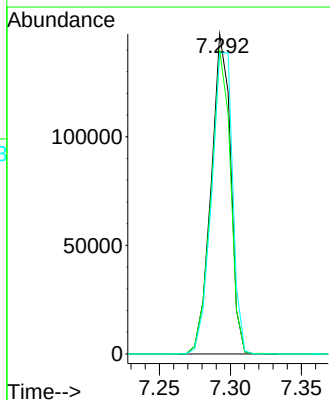
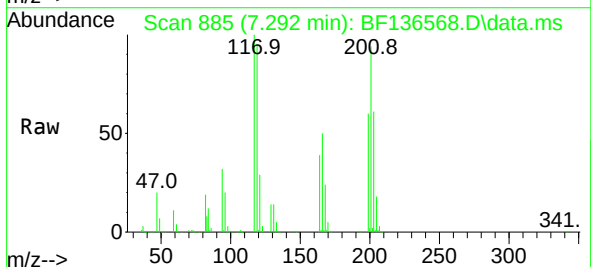
APPROVED

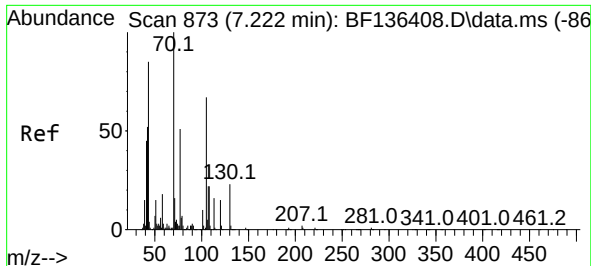
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#18
Hexachloroethane
Concen: 41.399 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:	117	Resp:	139726
Ion Ratio	Lower	Upper	
117	100		
119	95.0	74.3	111.5
201	94.0	79.3	118.9





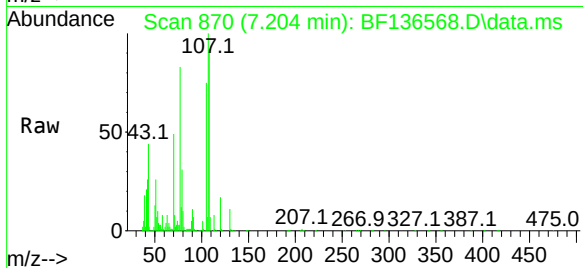
#19
n-Nitroso-di-n-propylamine
Concen: 42.752 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS



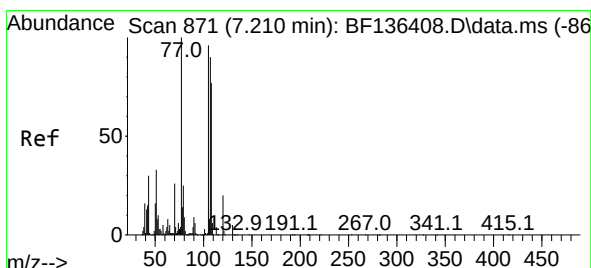
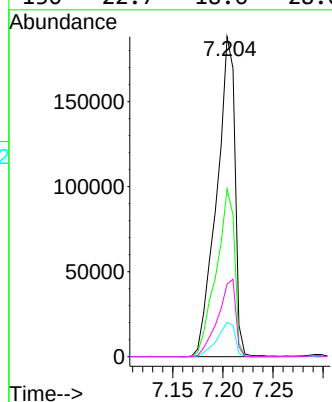
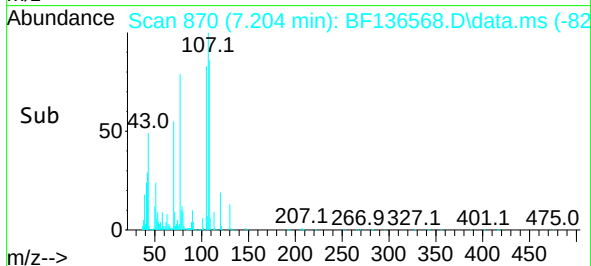
Tgt Ion: 70 Resp: 238834
Ion Ratio Lower Upper
70 100
42 52.4 41.4 62.0
101 10.7 8.2 12.4
130 22.7 18.6 28.0

Manual Integrations

APPROVED

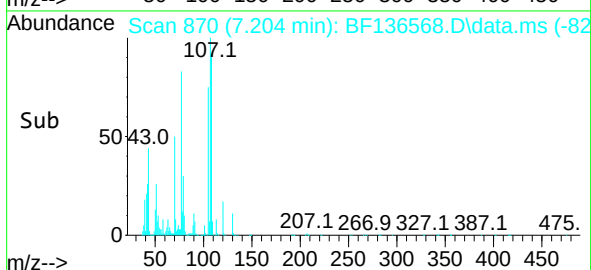
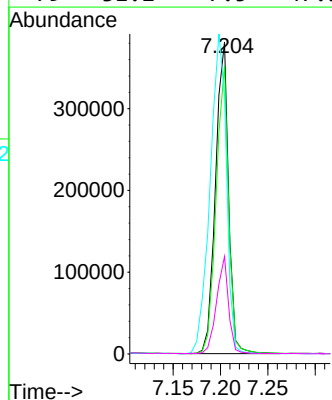
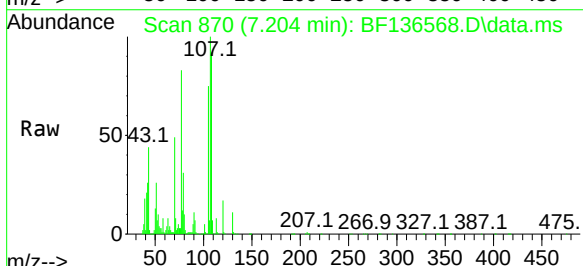
Reviewed By :Yogesh Patel 12/15/2023

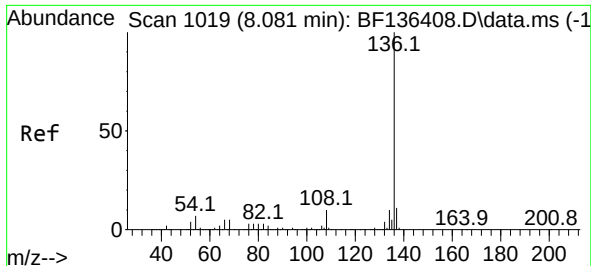
Supervised By :mohammad ahmed 12/15/2023



#20
3+4-Methylphenols
Concen: 43.069 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:107 Resp: 365984
Ion Ratio Lower Upper
107 100
108 92.3 65.9 105.9
77 83.1 91.7 131.7#
79 31.2 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

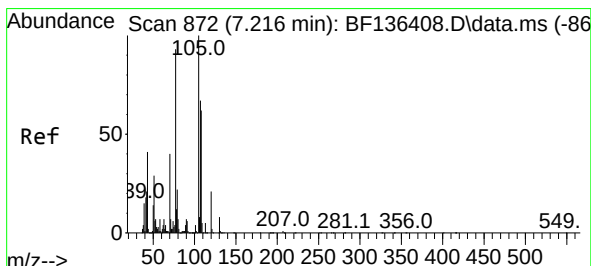
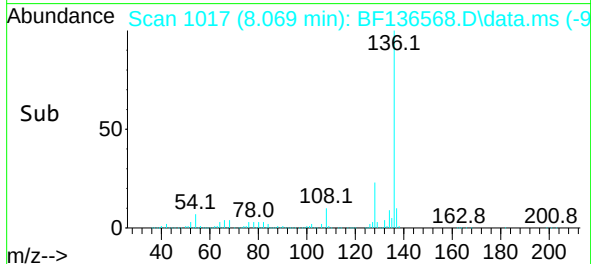
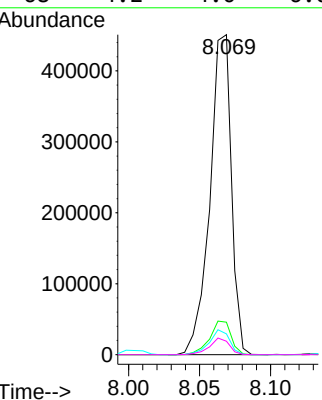
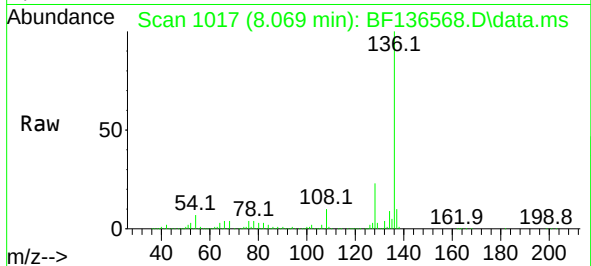
ClientSampleId :

PB157641BS

Tgt Ion:136 Resp: 473708
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 6.5 5.7 8.5
68 4.2 4.0 6.0

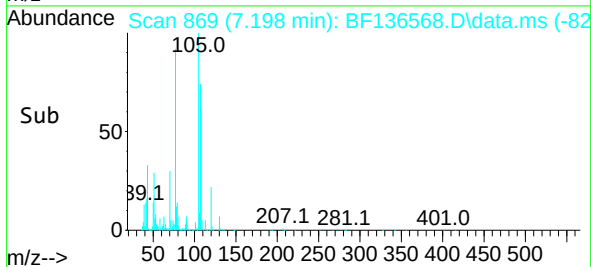
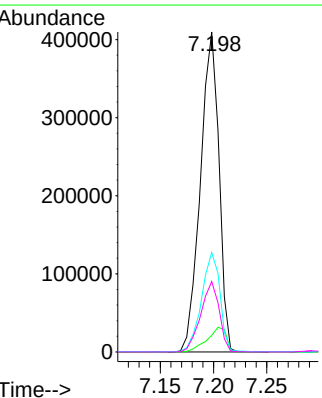
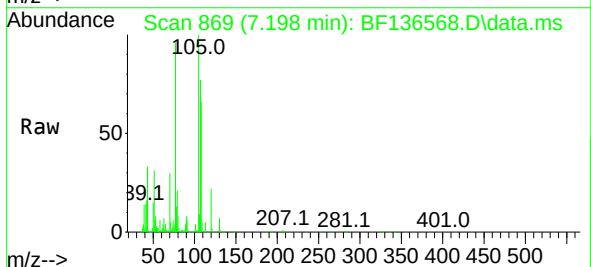
Manual Integrations
APPROVED

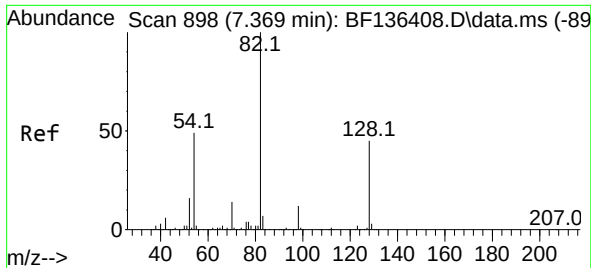
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#22
Acetophenone
Concen: 42.493 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:105 Resp: 497063
Ion Ratio Lower Upper
105 100
71 5.2 5.4 8.0#
51 31.1 23.4 35.2
120 22.0 16.6 24.8





#23

Nitrobenzene-d5

Concen: 82.187 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion: 82 Resp: 720168

Ion Ratio Lower Upper

82 100

128 48.9 36.3 54.5

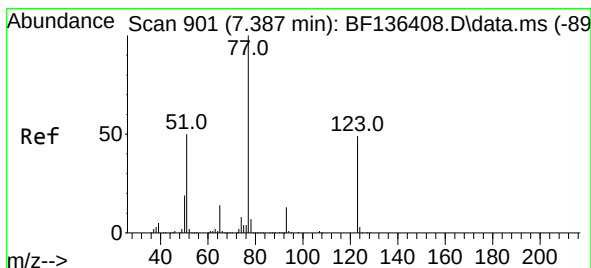
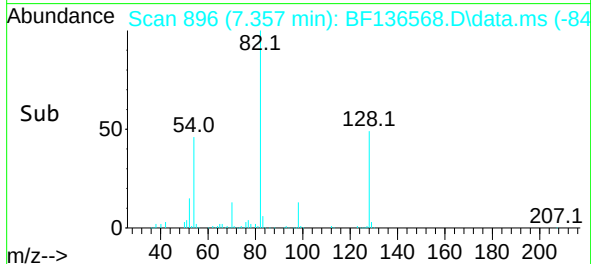
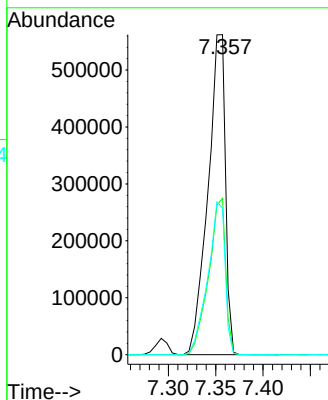
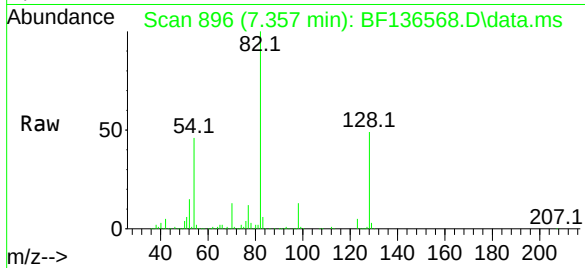
54 45.8 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#24

Nitrobenzene

Concen: 41.094 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

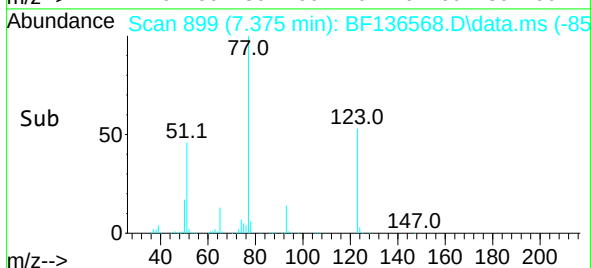
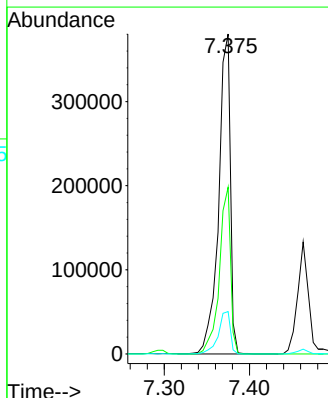
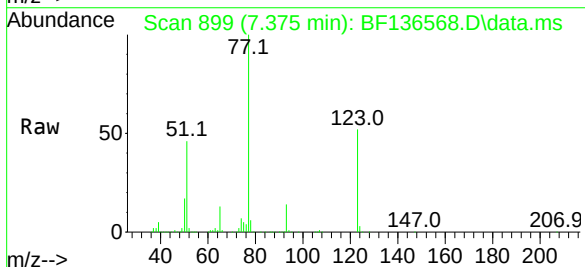
Tgt Ion: 77 Resp: 362241

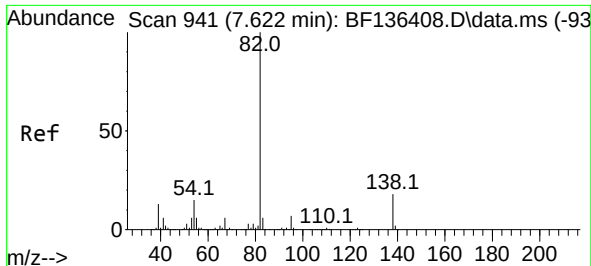
Ion Ratio Lower Upper

77 100

123 52.1 39.0 58.6

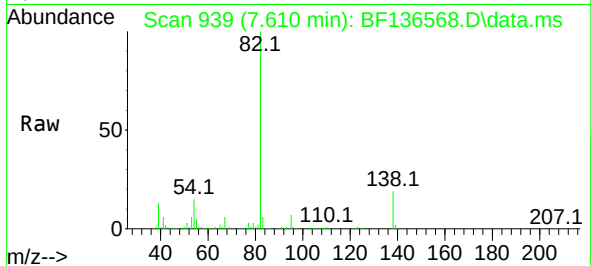
65 13.2 11.3 16.9





#25
Isophorone
Concen: 42.826 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

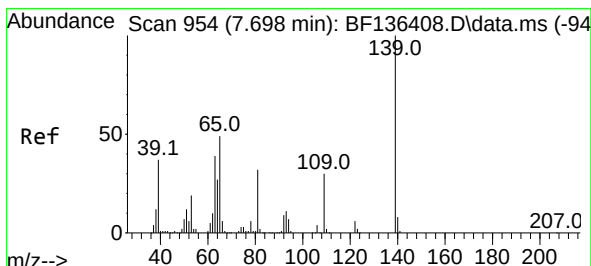
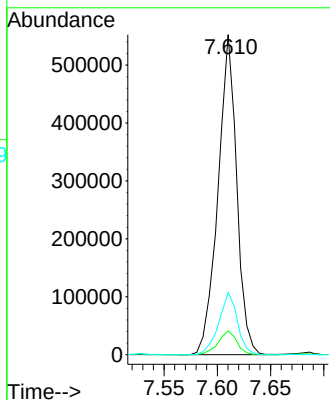
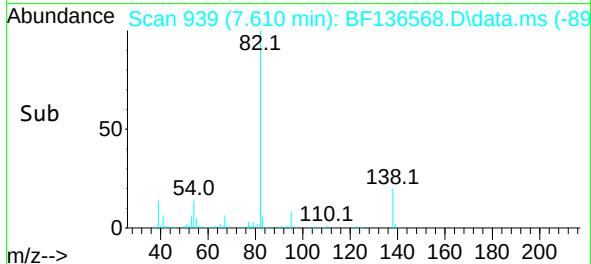
Instrument :
BNA_F
ClientSampleId :
PB157641BS



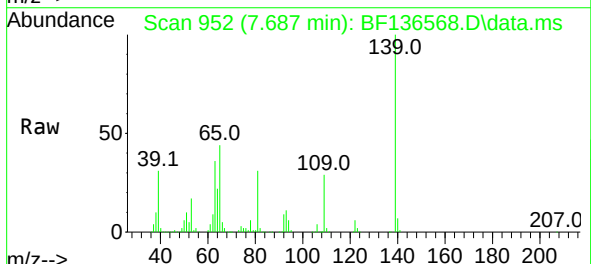
Tgt Ion: 82 Resp: 67419
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.4 14.5 21.7

Manual Integrations
APPROVED

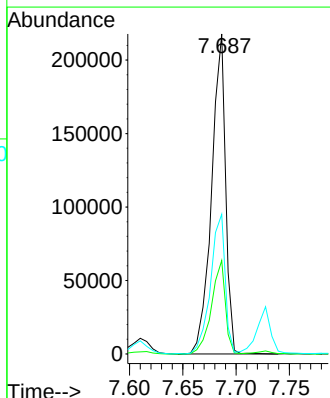
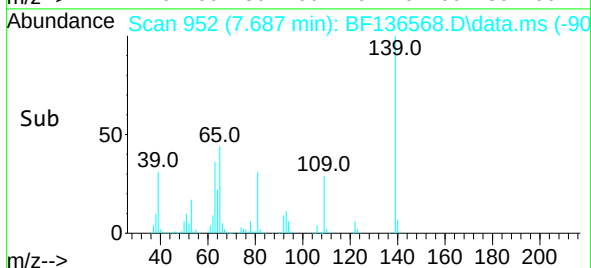
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

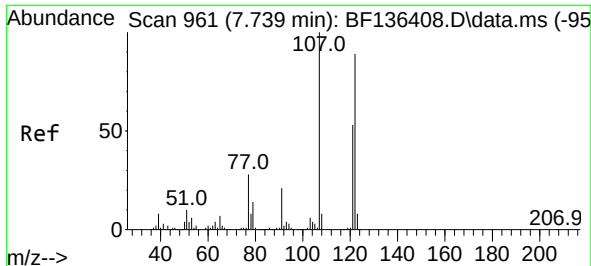


#26
2-Nitrophenol
Concen: 45.965 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:139 Resp: 199195
Ion Ratio Lower Upper
139 100
109 29.2 23.6 35.4
65 43.7 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 62.948 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF136568.D

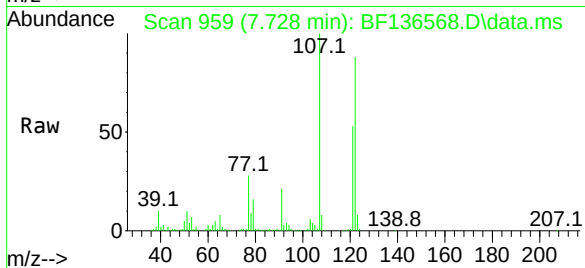
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS



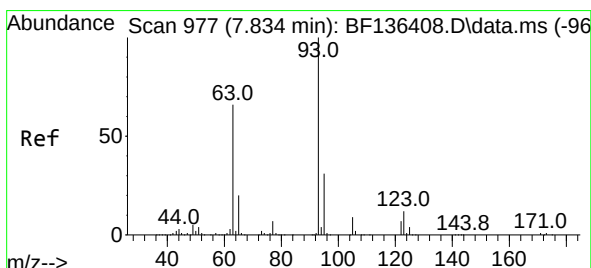
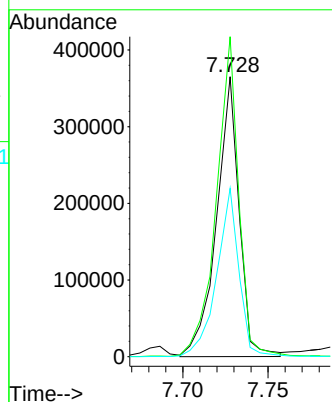
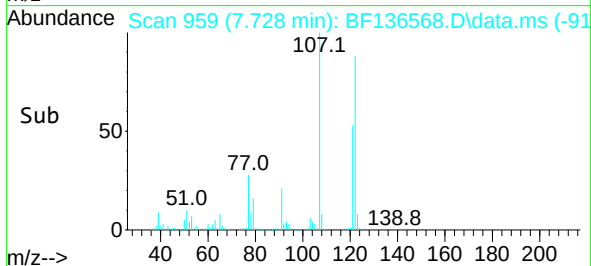
Tgt Ion:	122	Resp:	33636
Ion	Ratio	Lower	Upper
122	100		
107	114.3	89.3	133.9
121	60.1	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.356 ng

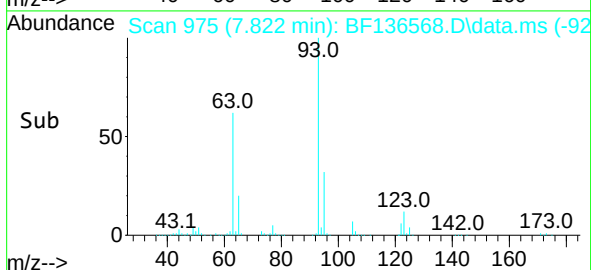
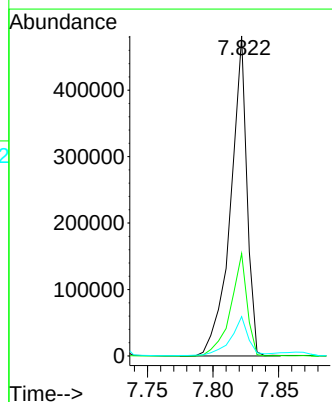
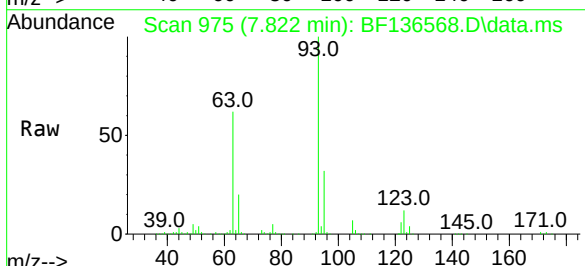
RT: 7.822 min Scan# 975

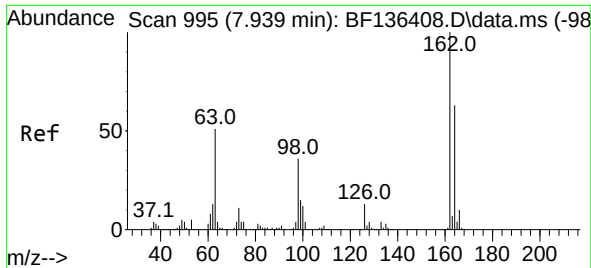
Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Tgt Ion:	93	Resp:	419409
Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.0	37.4
123	12.3	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 45.129 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

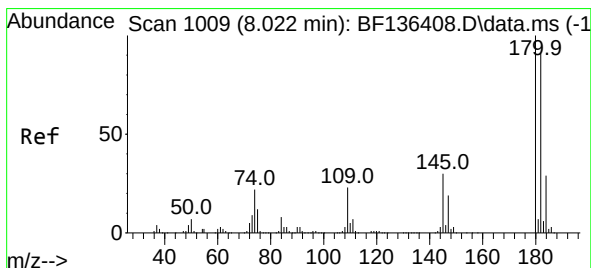
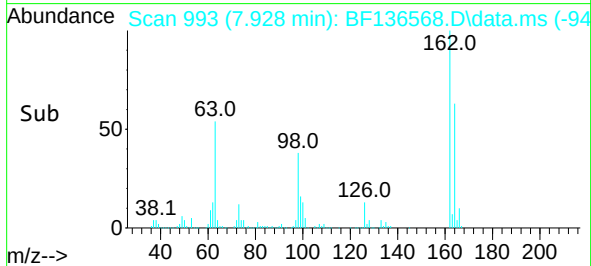
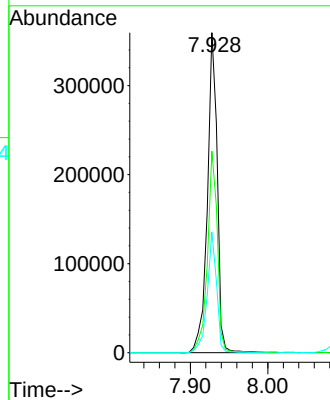
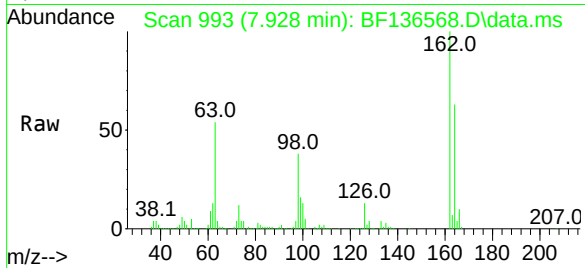
Tgt Ion:162 Resp: 318300
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.0 83.0
 98 37.7 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.881 ng

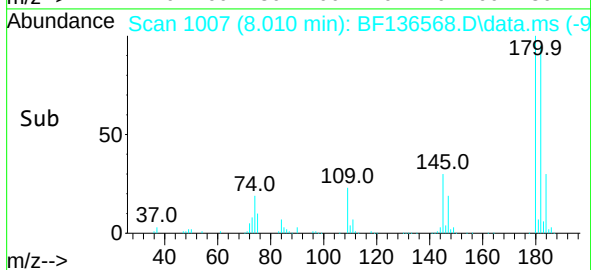
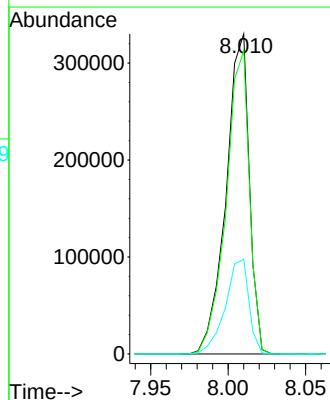
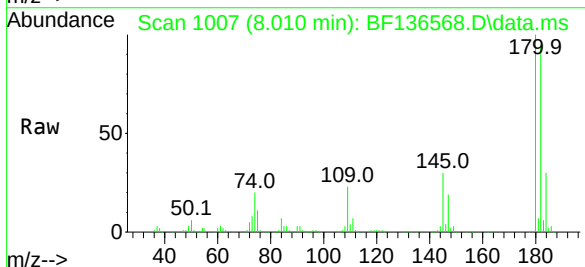
RT: 8.010 min Scan# 1007

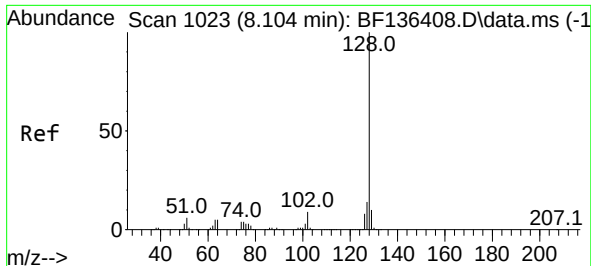
Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

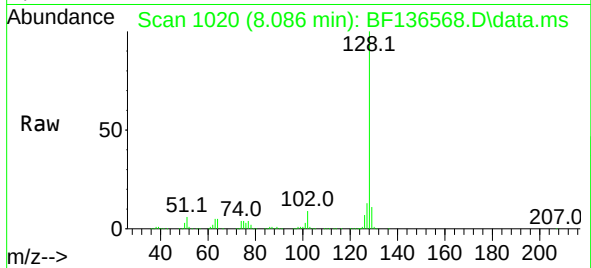
Tgt Ion:180 Resp: 344450
 Ion Ratio Lower Upper
 180 100
 182 94.8 73.1 109.7
 145 29.6 23.8 35.8





#31
Naphthalene
Concen: 41.630 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

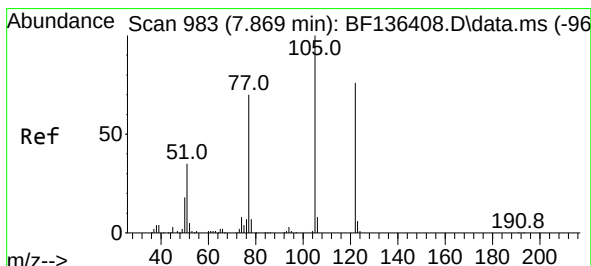
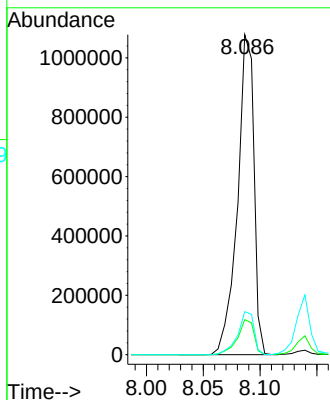
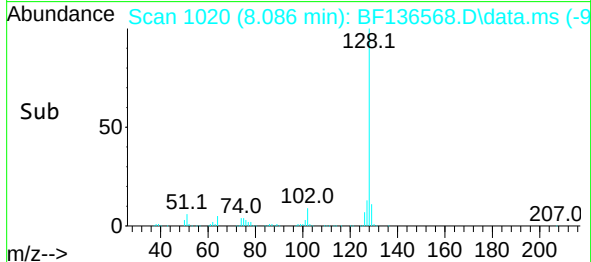
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:128 Resp: 1087512
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.4 11.1 16.7

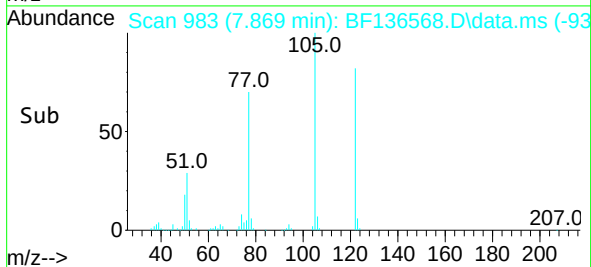
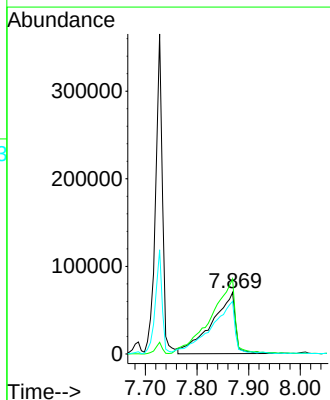
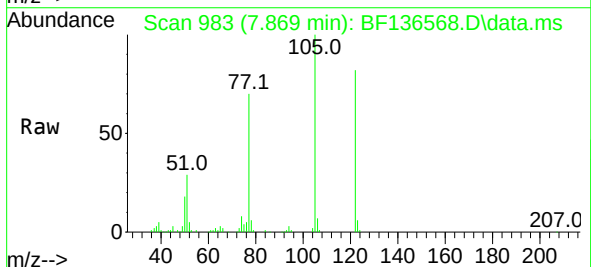
Manual Integrations
APPROVED

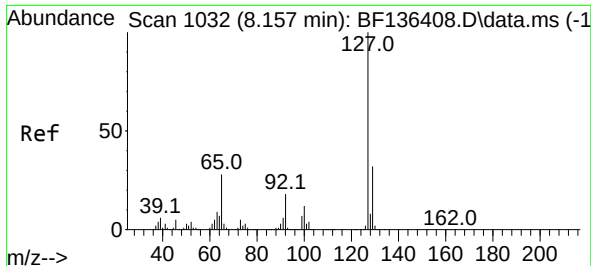
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#32
Benzoic acid
Concen: 42.177 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:122 Resp: 223577
Ion Ratio Lower Upper
122 100
105 122.2 104.7 144.7
77 85.6 68.5 108.5





#33
4-Chloroaniline
Concen: 18.970 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

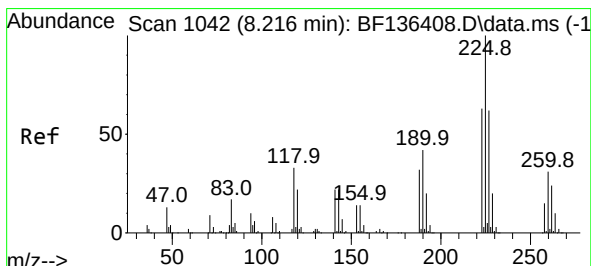
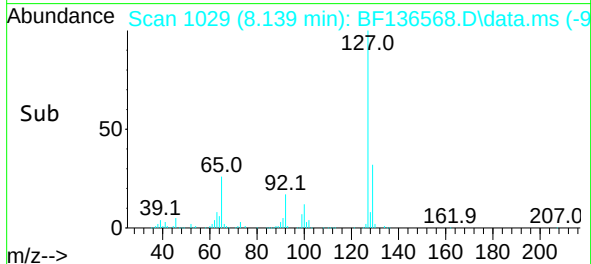
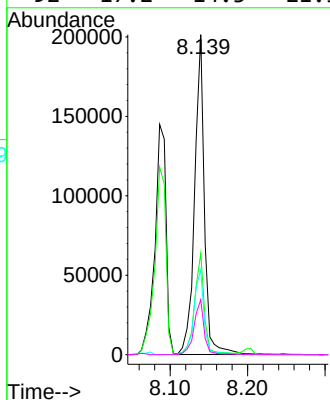
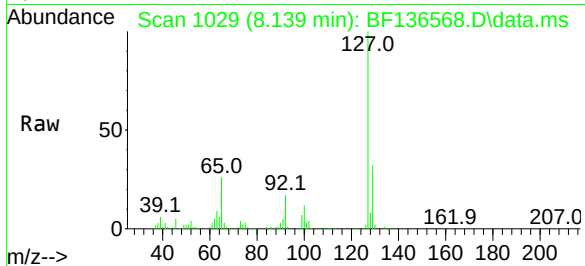
ClientSampleId :

PB157641BS

Tgt Ion:127 Resp: 176674
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2
65 26.5 22.5 33.7
92 17.2 14.3 21.5

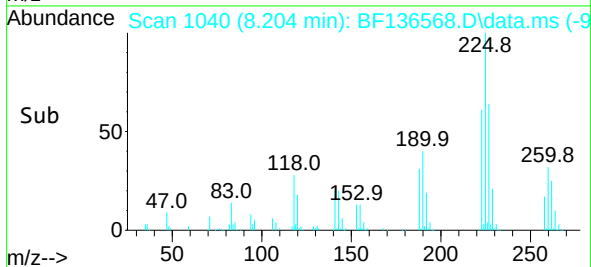
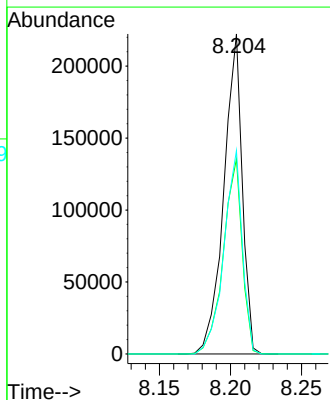
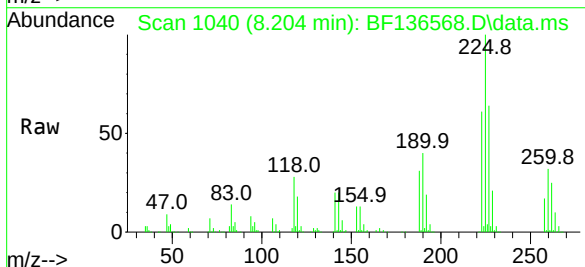
Manual Integrations
APPROVED

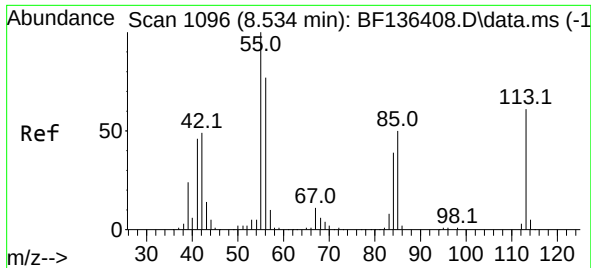
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#34
Hexachlorobutadiene
Concen: 41.125 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:225 Resp: 200451
Ion Ratio Lower Upper
225 100
223 61.0 50.8 76.2
227 63.6 49.8 74.8





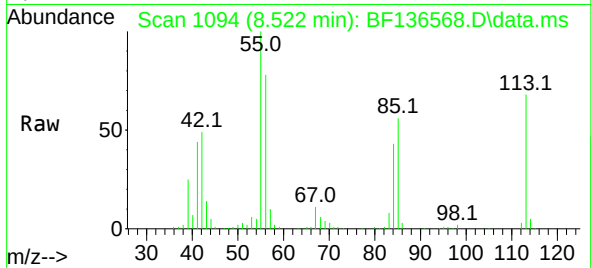
#35
Caprolactam
Concen: 46.926 ng m
RT: 8.522 min Scan# 1094
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

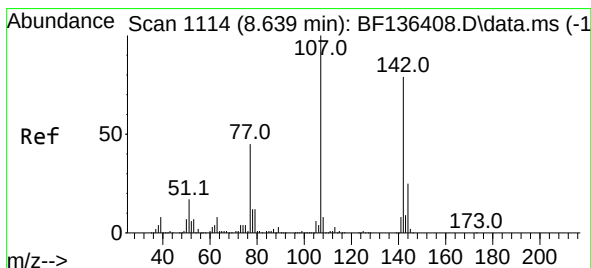
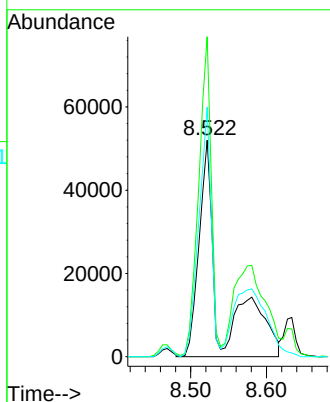
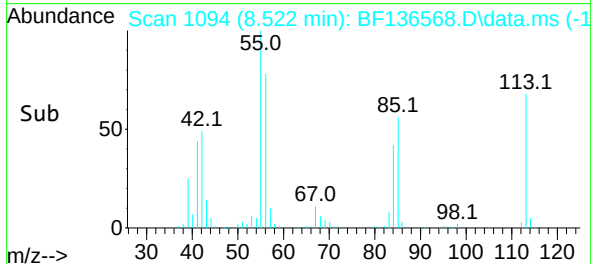


Tgt Ion:113 Resp: 101925
Ion Ratio Lower Upper
113 100
55 147.8 143.7 183.7
56 115.2 105.2 145.2

Manual Integrations

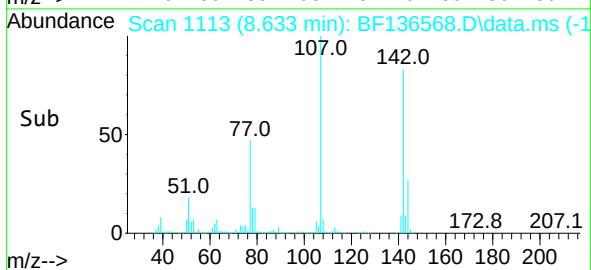
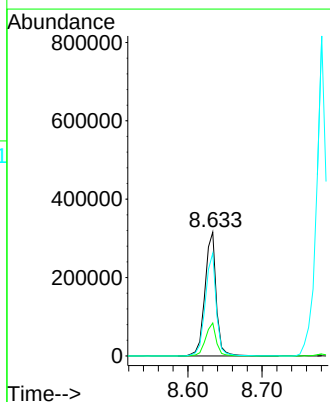
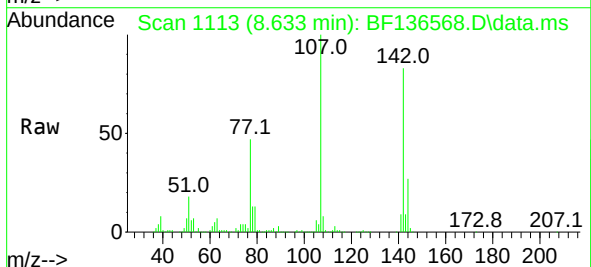
APPROVED

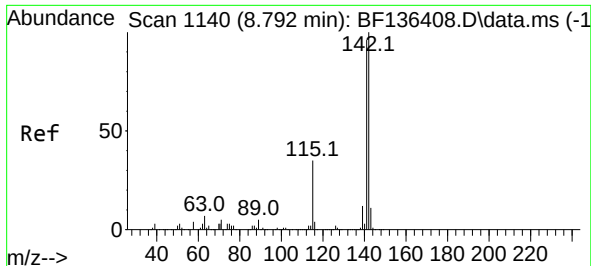
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#36
4-Chloro-3-methylphenol
Concen: 44.744 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:107 Resp: 335084
Ion Ratio Lower Upper
107 100
144 26.6 20.1 30.1
142 82.9 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.256 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:142 Resp: 71888

Ion Ratio Lower Upper

142 100

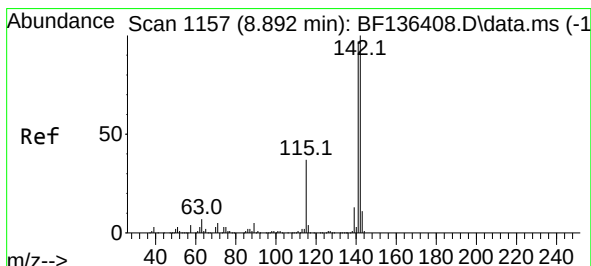
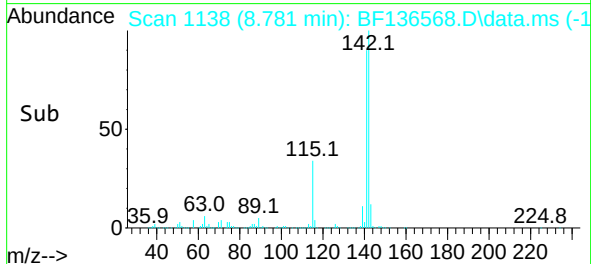
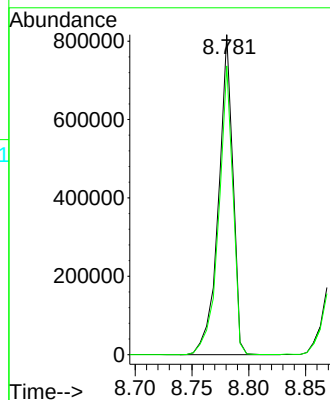
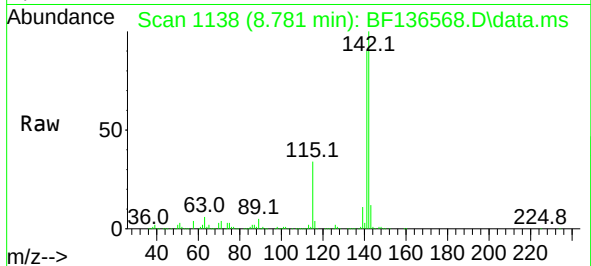
141 90.2 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#38

1-Methylnaphthalene

Concen: 41.020 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF136568.D

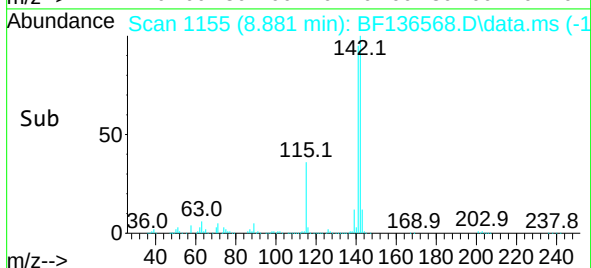
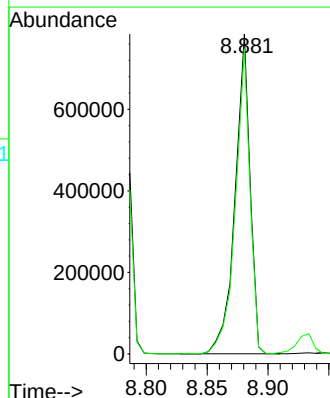
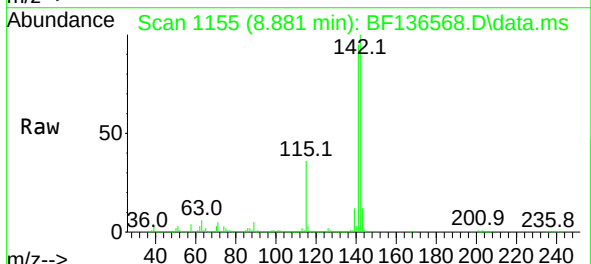
Acq: 14 Dec 2023 15:03

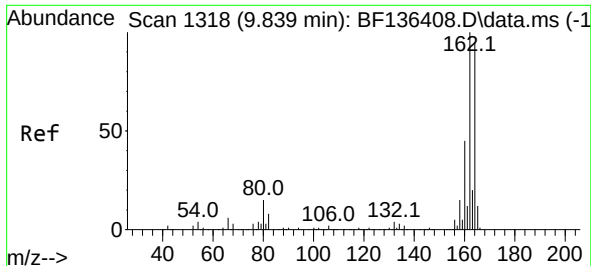
Tgt Ion:142 Resp: 668951

Ion Ratio Lower Upper

142 100

141 95.4 77.7 116.5





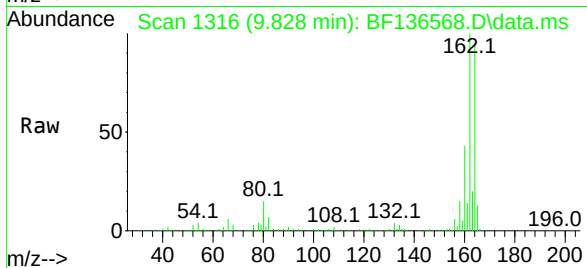
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

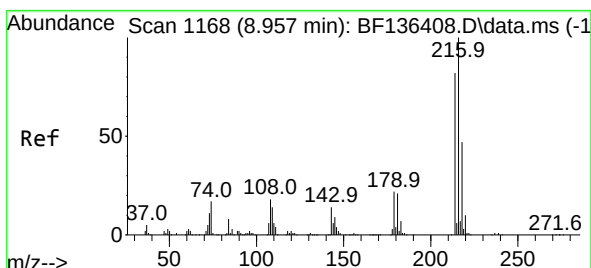
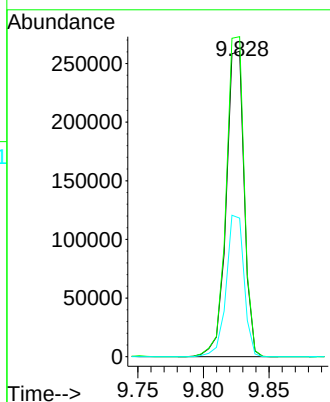
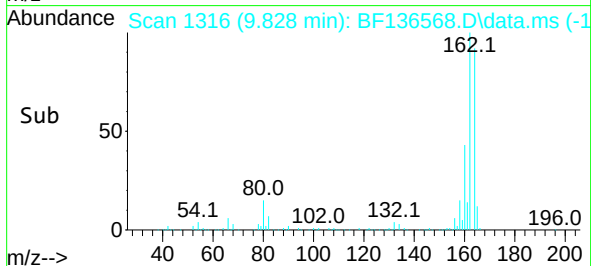
PB157641BS



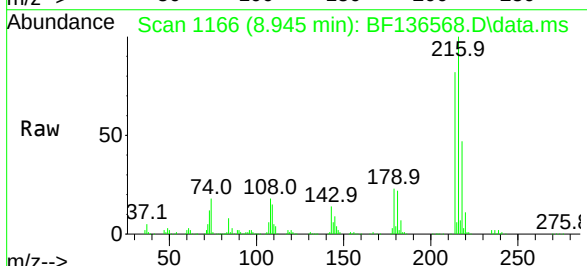
Tgt Ion:164 Resp: 248849
Ion Ratio Lower Upper
164 100
162 104.7 84.4 126.6
160 45.4 37.6 56.4

Manual Integrations
APPROVED

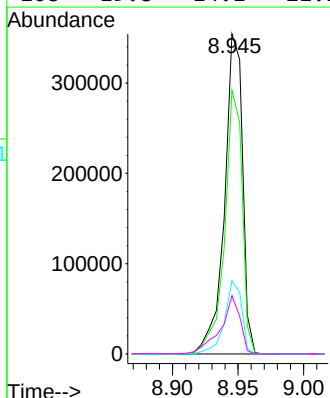
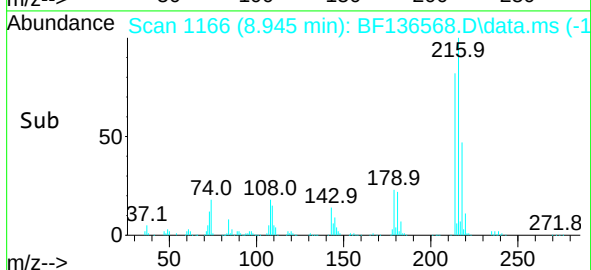
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

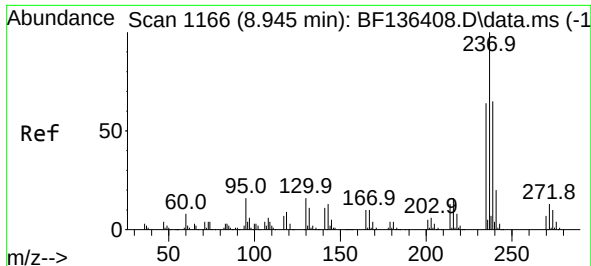


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.771 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:216 Resp: 338877
Ion Ratio Lower Upper
216 100
214 80.0 64.1 96.1
179 21.9 17.0 25.6
108 19.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 143.708 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

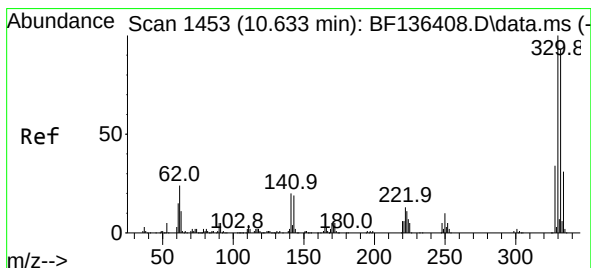
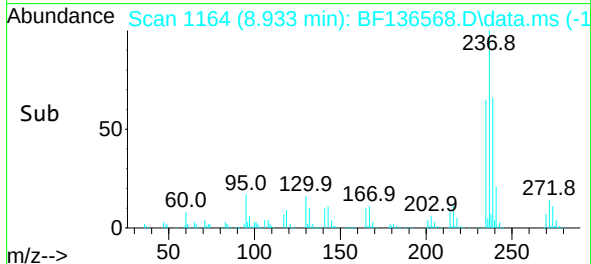
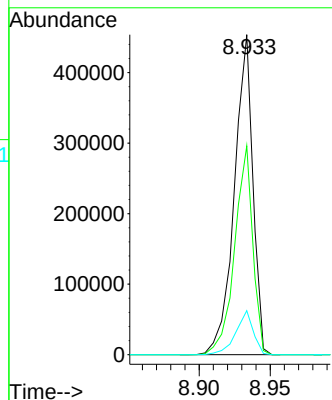
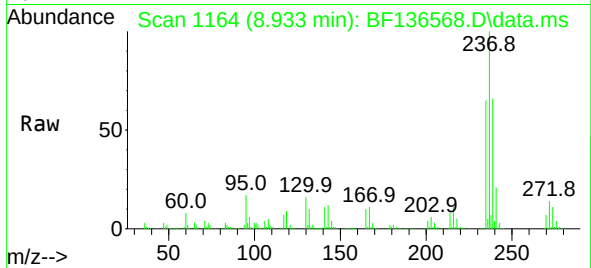
ClientSampleId :

PB157641BS

Tgt Ion:237 Resp: 41218
Ion Ratio Lower Upper
237 100
235 65.2 44.1 84.1
272 13.8 0.0 33.3

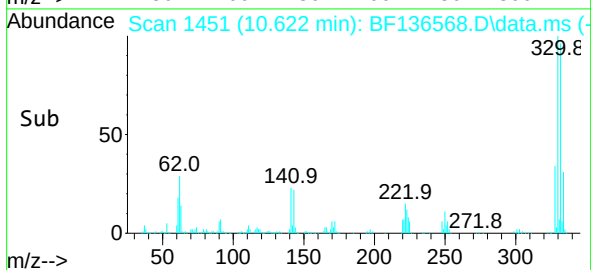
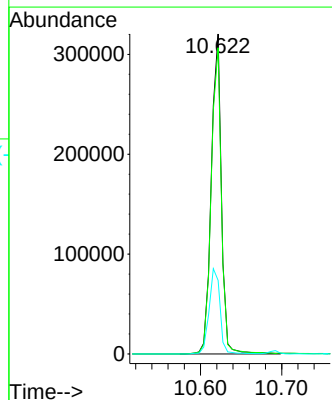
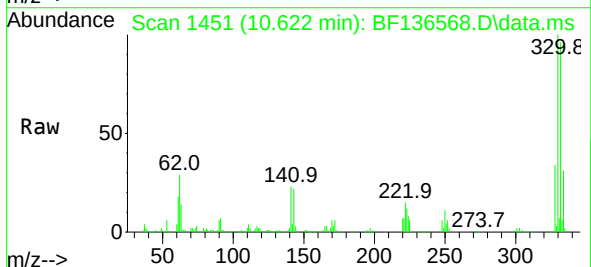
Manual Integrations
APPROVED

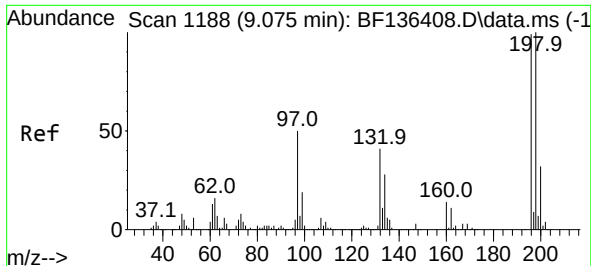
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#42
2,4,6-Tribromophenol
Concen: 90.100 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:330 Resp: 276457
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 28.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 46.034 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:196 Resp: 232060

Ion Ratio Lower Upper

196 100

198 100.8 80.4 120.6

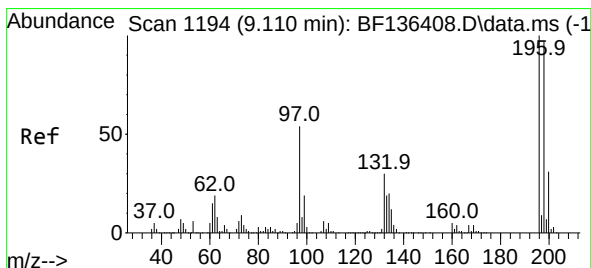
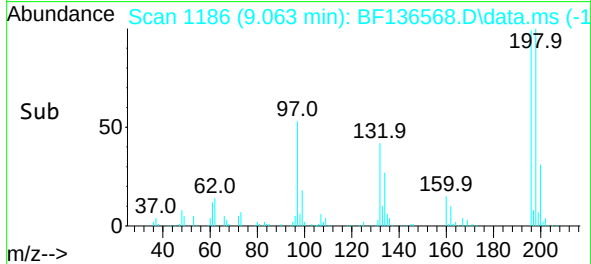
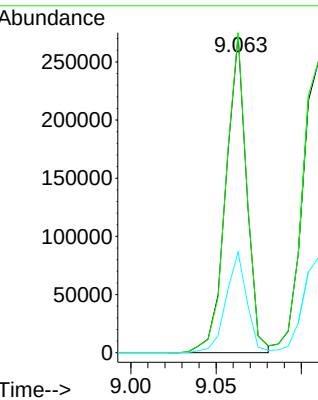
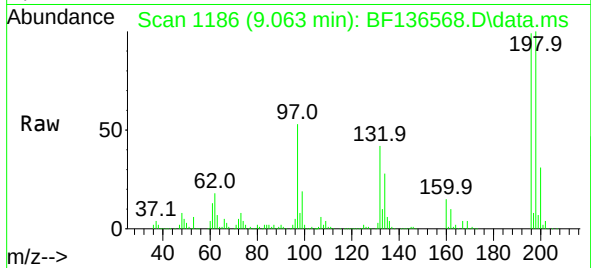
200 31.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#44

2,4,5-Trichlorophenol

Concen: 43.665 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Tgt Ion:196 Resp: 245675

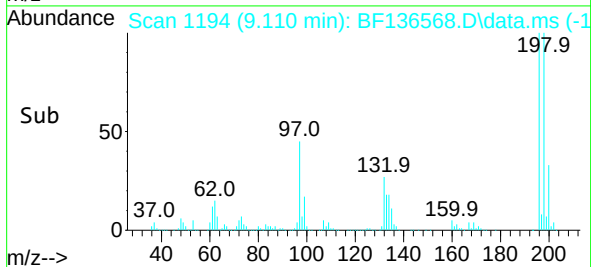
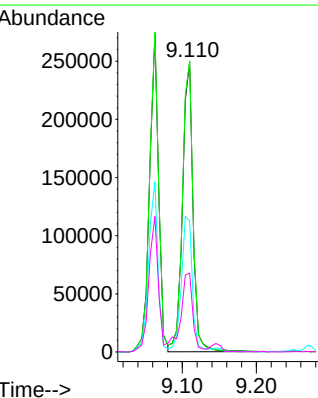
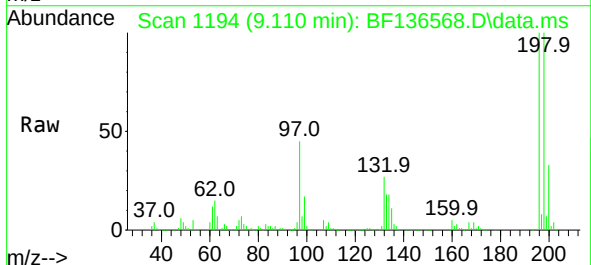
Ion Ratio Lower Upper

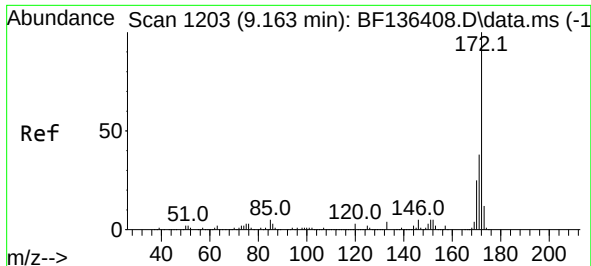
196 100

198 100.3 78.1 117.1

97 45.1 43.4 65.2

132 27.2 24.2 36.4





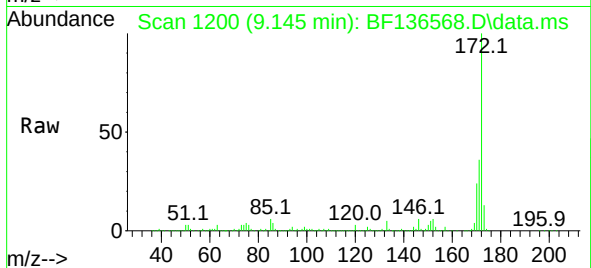
#45
2-Fluorobiphenyl
Concen: 83.756 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS



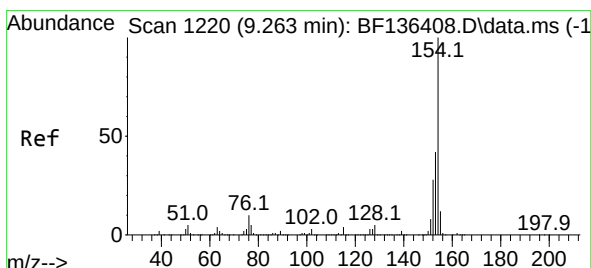
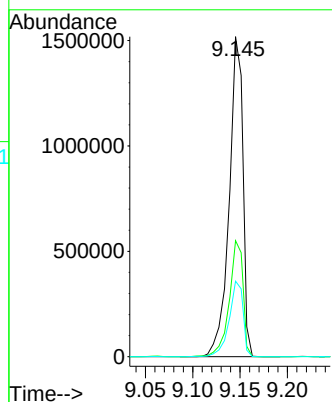
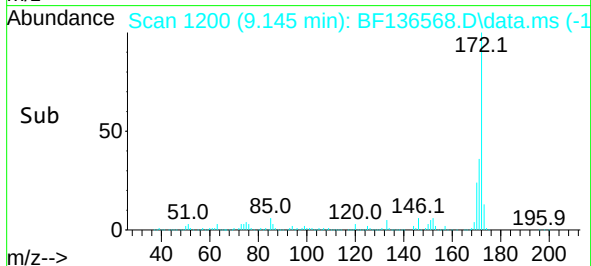
Tgt Ion:172 Resp: 152749
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 23.6 19.9 29.9

Manual Integrations

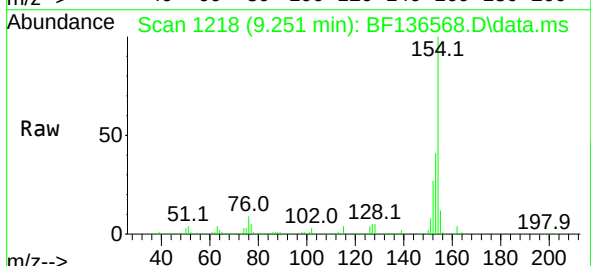
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

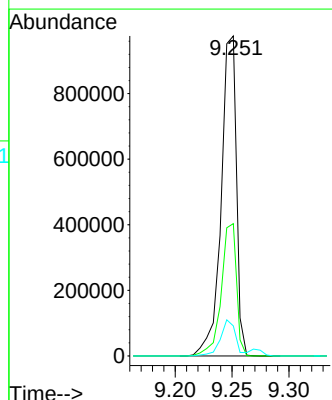
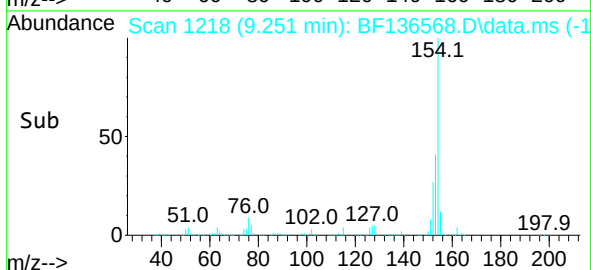
Supervised By :mohammad ahmed 12/15/2023

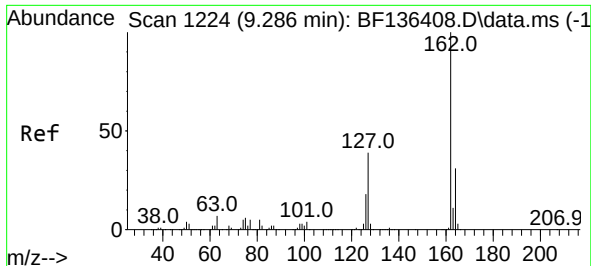


#46
1,1'-Biphenyl
Concen: 43.299 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:154 Resp: 916835
Ion Ratio Lower Upper
154 100
153 41.3 22.5 62.5
76 9.4 0.0 29.9





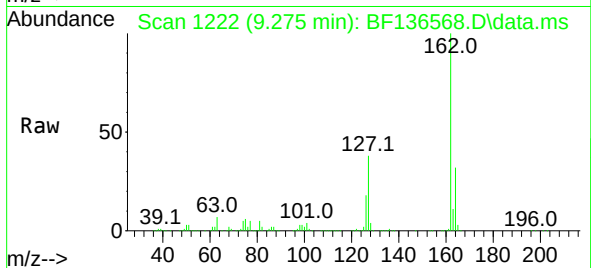
#47
2-Chloronaphthalene
Concen: 42.851 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS



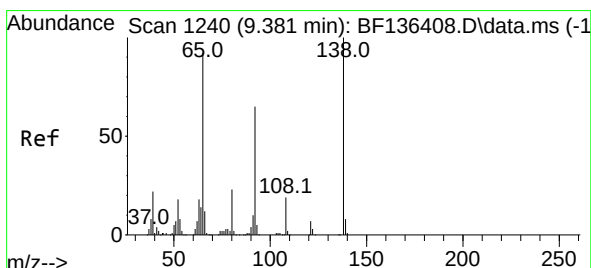
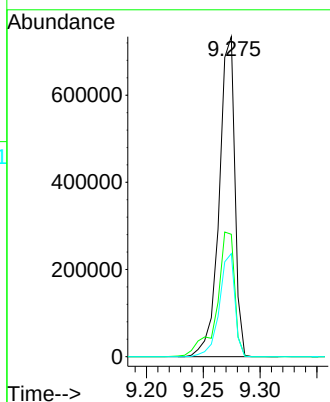
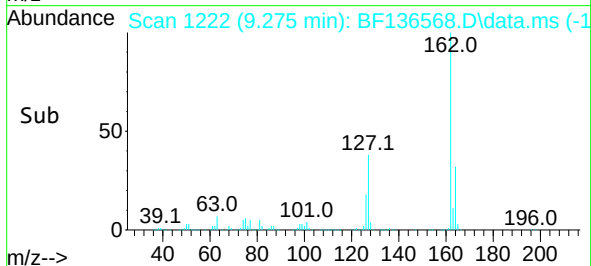
Tgt Ion:162 Resp: 70621
Ion Ratio Lower Upper
162 100
127 38.2 31.1 46.7
164 32.2 24.6 37.0

Manual Integrations

APPROVED

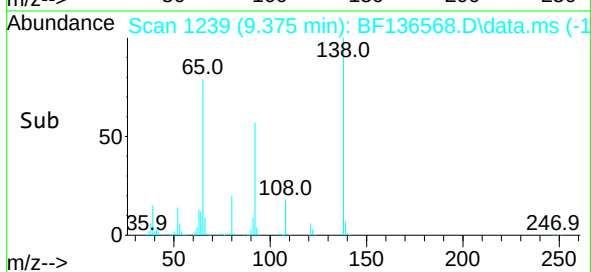
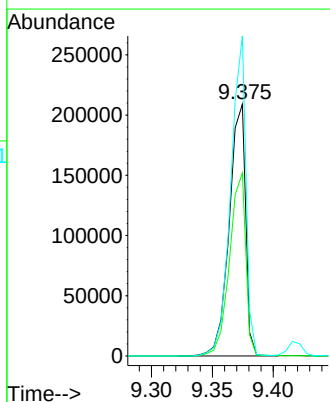
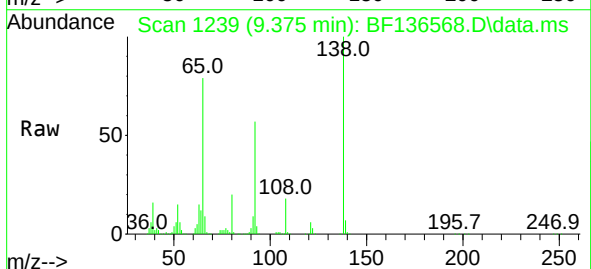
Reviewed By :Yogesh Patel 12/15/2023

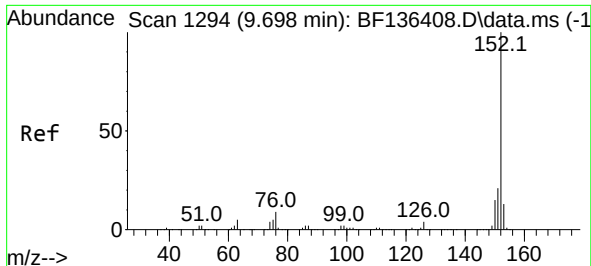
Supervised By :mohammad ahmed 12/15/2023



#48
2-Nitroaniline
Concen: 44.237 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion: 65 Resp: 195534
Ion Ratio Lower Upper
65 100
92 72.7 56.1 84.1
138 127.1 86.7 130.1





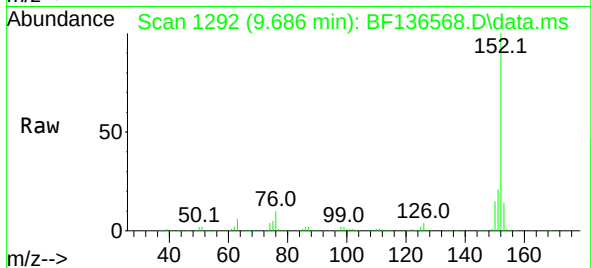
#49
Acenaphthylene
Concen: 44.764 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS



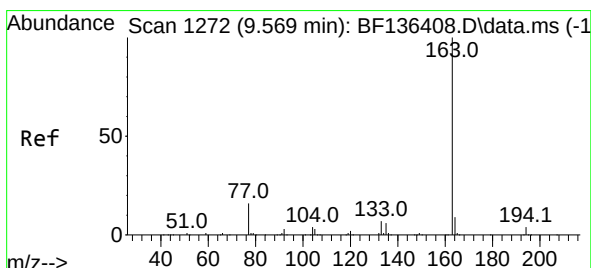
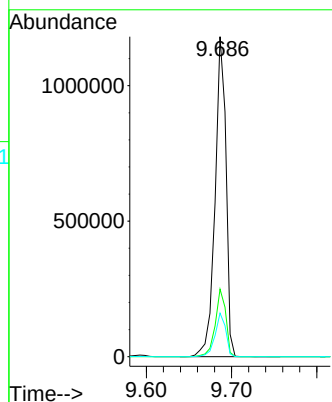
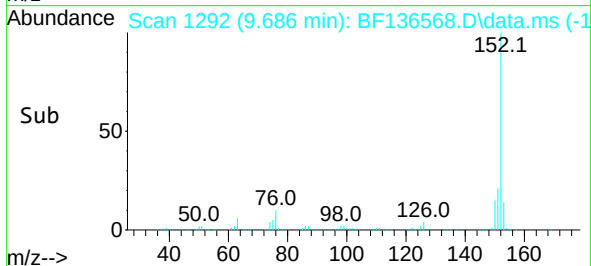
Tgt Ion:152 Resp: 105092
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 13.6 10.6 15.8

Manual Integrations

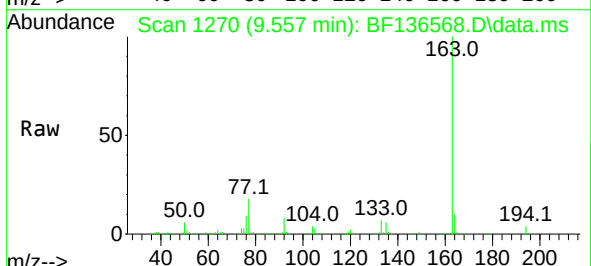
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

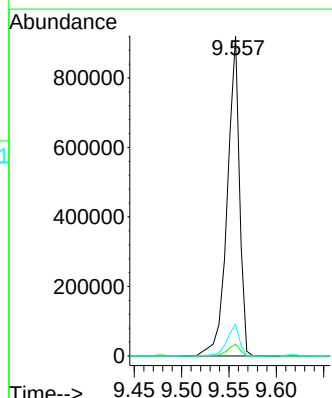
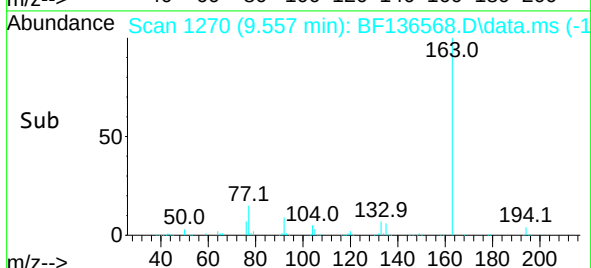
Supervised By :mohammad ahmed 12/15/2023

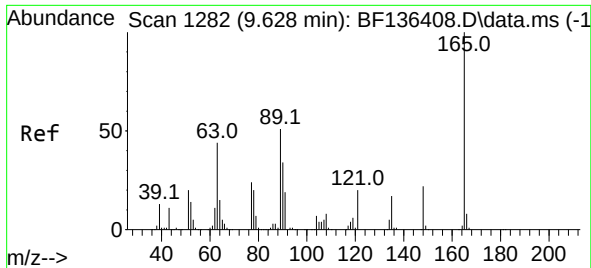


#50
Dimethylphthalate
Concen: 45.084 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:163 Resp: 825992
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 7.4 11.2





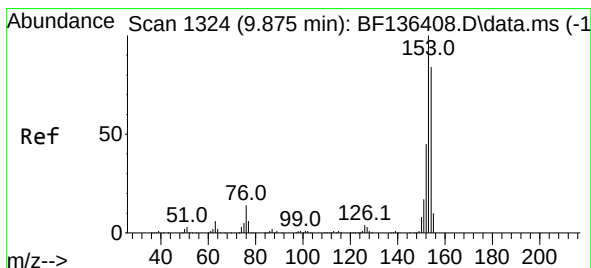
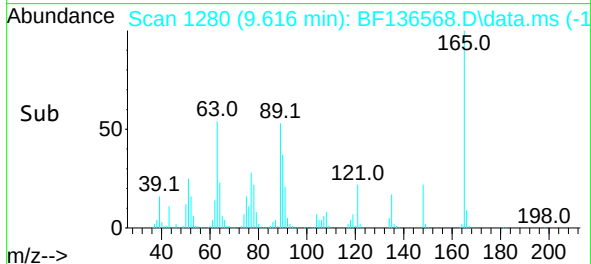
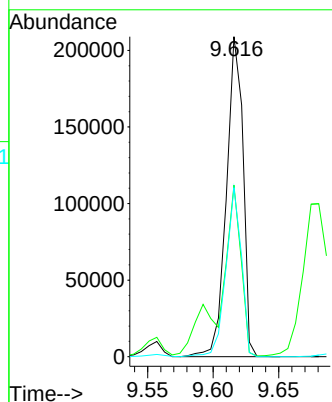
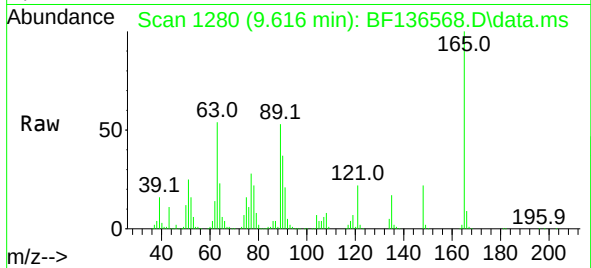
#51
2,6-Dinitrotoluene
Concen: 44.594 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion:165 Resp: 18380
Ion Ratio Lower Upper
165 100
63 53.6 40.4 60.6
89 52.8 40.6 60.8

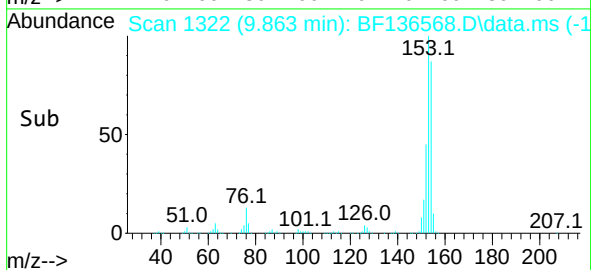
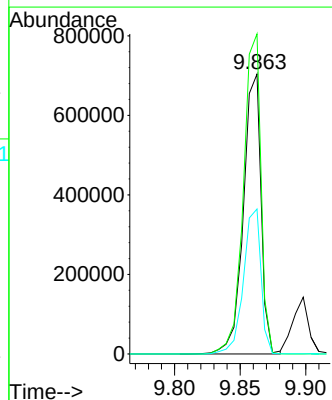
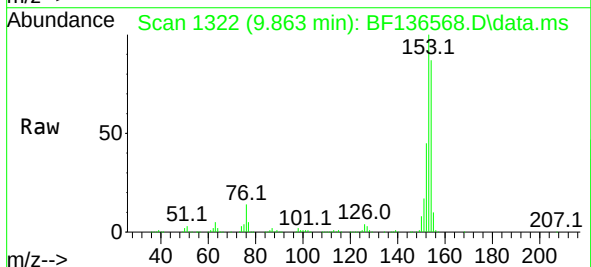
Manual Integrations
APPROVED

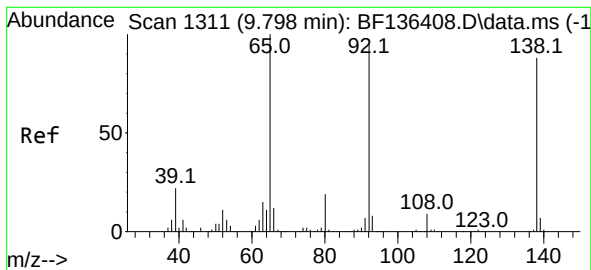
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#52
Acenaphthene
Concen: 44.053 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:154 Resp: 662740
Ion Ratio Lower Upper
154 100
153 114.3 95.3 142.9
152 51.8 43.2 64.8





#53
3-Nitroaniline
Concen: 30.002 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

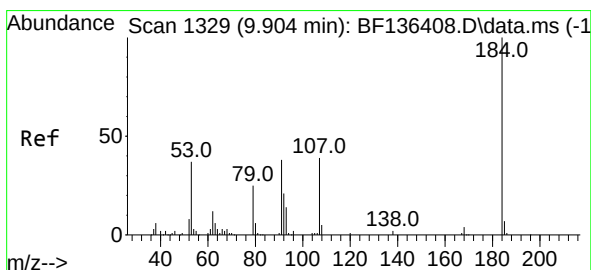
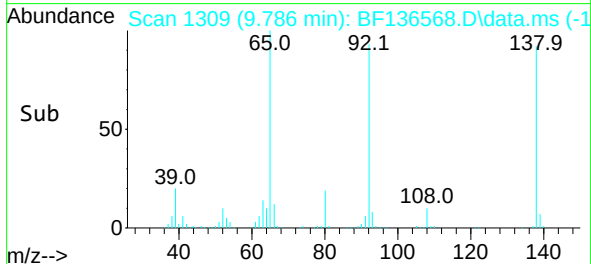
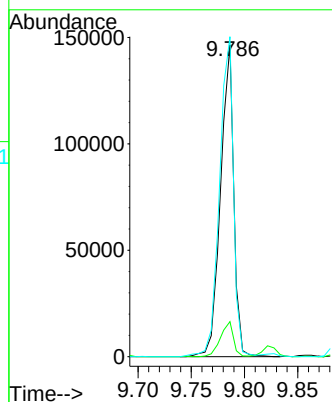
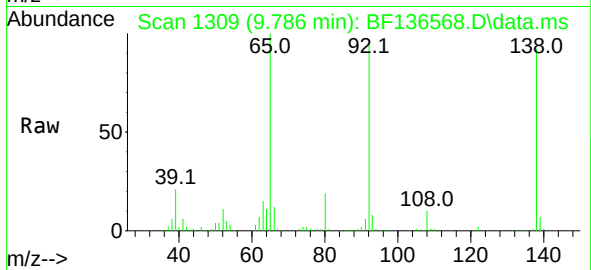
ClientSampleId :

PB157641BS

Tgt Ion:138 Resp: 126270
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 102.6 86.1 129.1

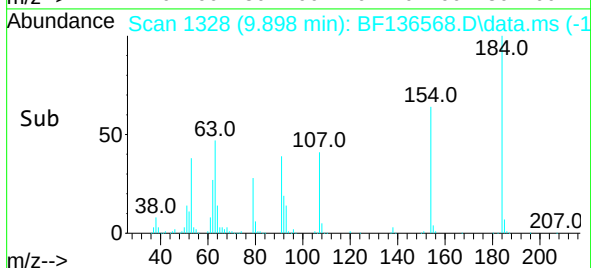
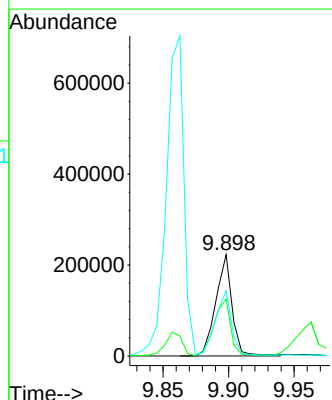
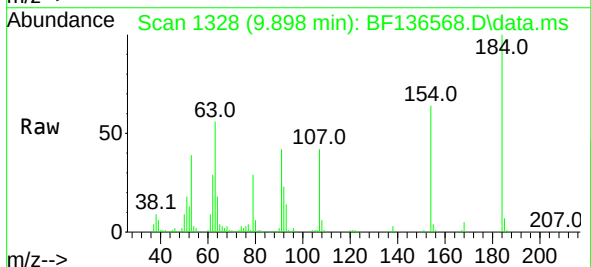
Manual Integrations
APPROVED

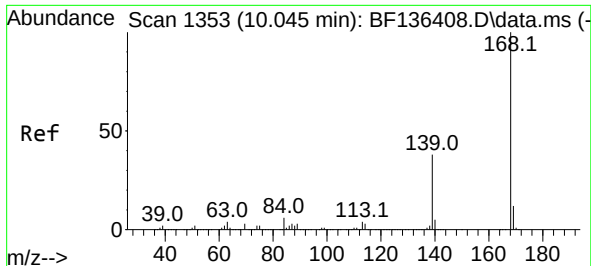
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#54
2,4-Dinitrophenol
Concen: 92.424 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:184 Resp: 192606
Ion Ratio Lower Upper
184 100
63 56.0 39.1 58.7
154 64.1 49.9 74.9





#55
Dibenzenofuran
Concen: 43.629 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

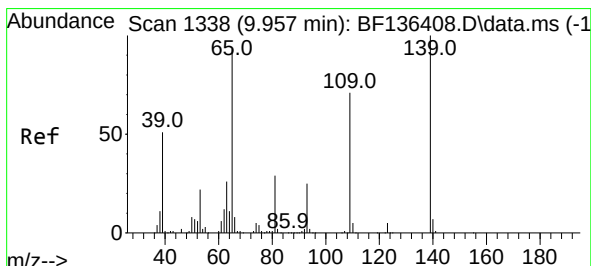
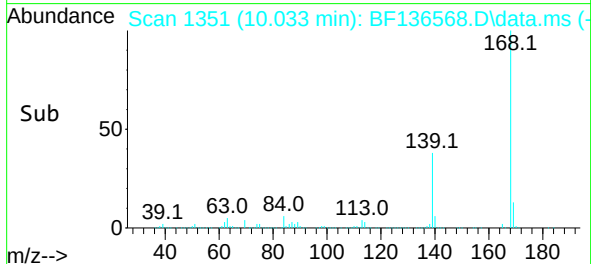
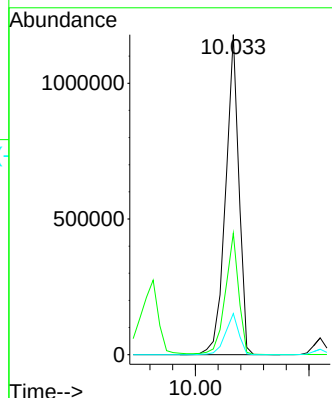
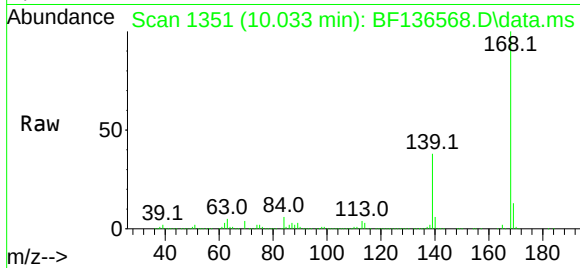
ClientSampleId :

PB157641BS

Tgt Ion:168 Resp: 958880
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 12.9 9.9 14.9

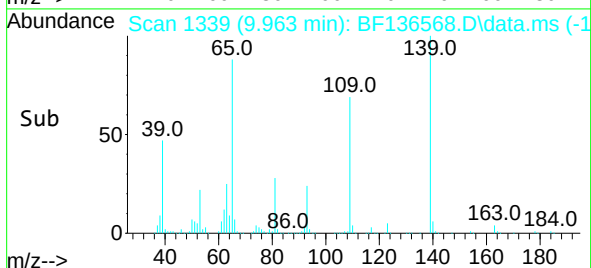
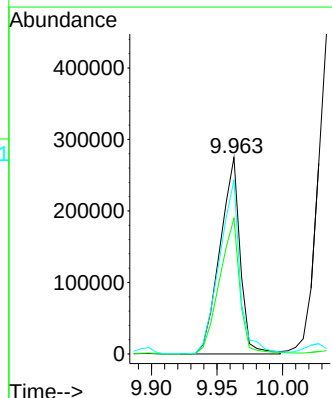
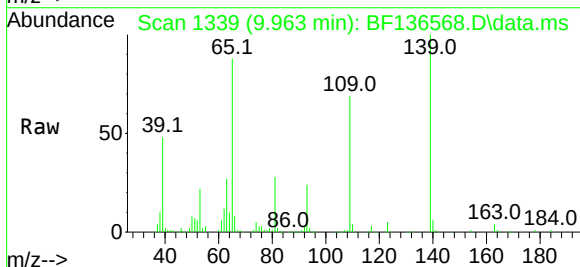
Manual Integrations
APPROVED

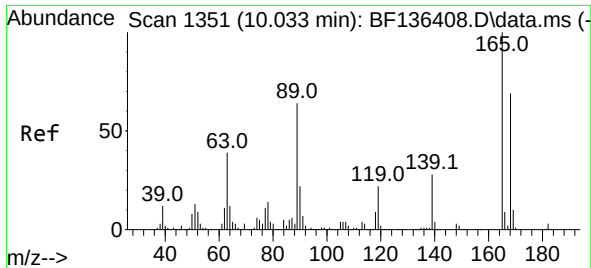
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#56
4-Nitrophenol
Concen: 93.406 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:139 Resp: 294721
Ion Ratio Lower Upper
139 100
109 69.0 50.6 90.6
65 88.4 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 43.570 ng
RT: 10.028 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

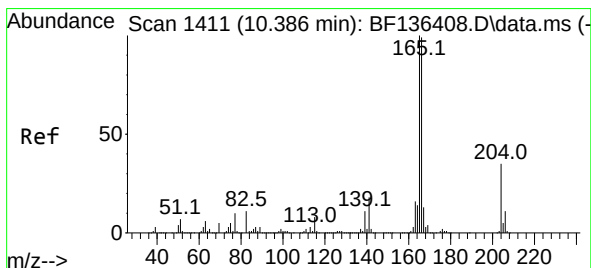
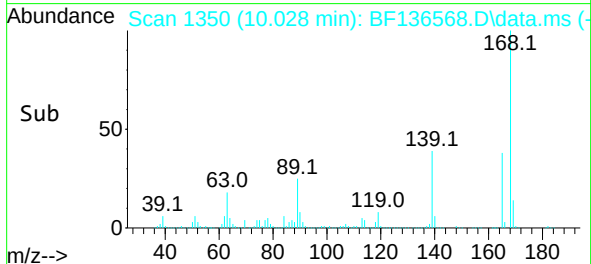
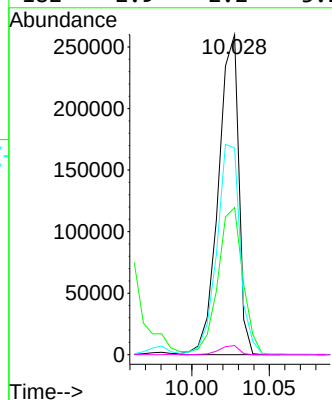
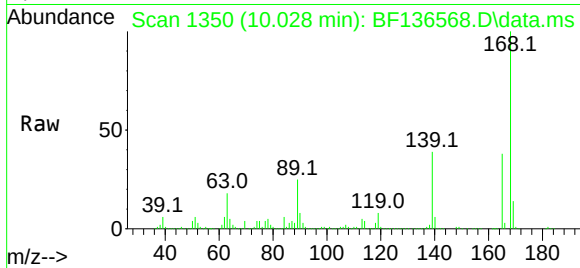
PB157641BS

Tgt Ion:165 Resp: 237569
Ion Ratio Lower Upper
165 100
63 46.0 31.4 47.2
89 64.6 51.7 77.5
182 2.9 2.2 3.2

Manual Integrations

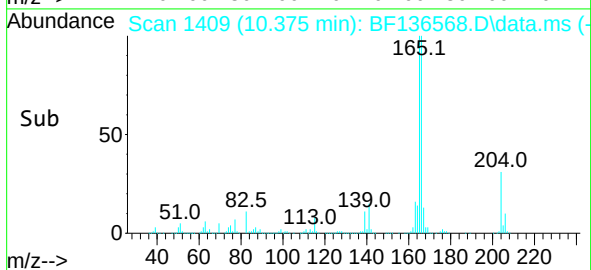
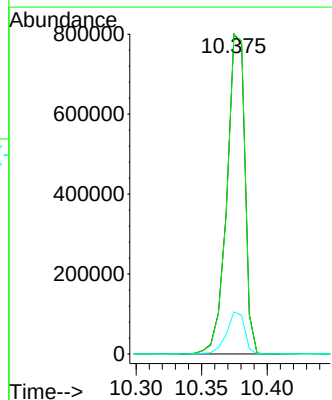
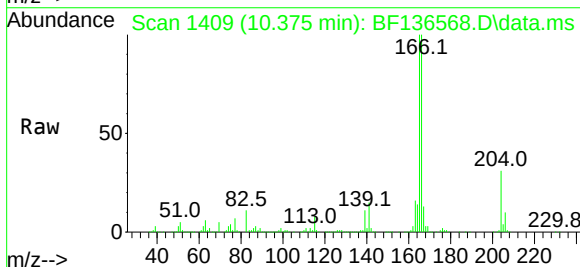
APPROVED

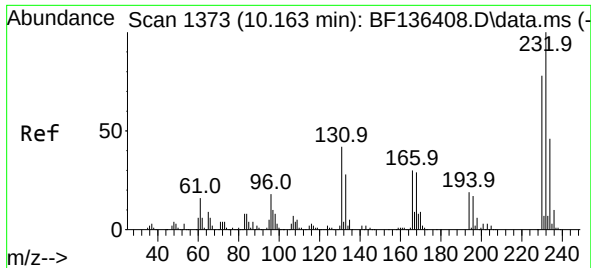
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#58
Fluorene
Concen: 43.271 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

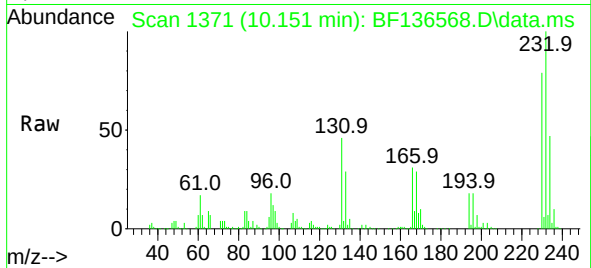
Tgt Ion:166 Resp: 763408
Ion Ratio Lower Upper
166 100
165 99.9 80.5 120.7
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.841 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

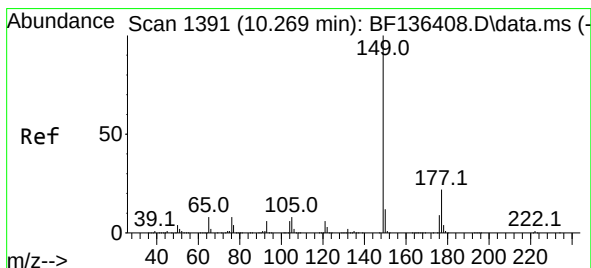
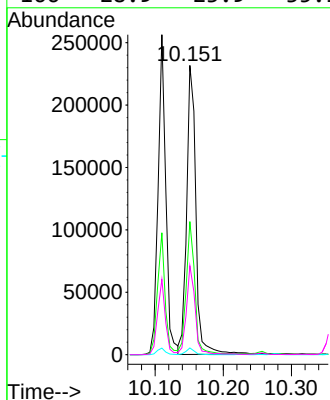
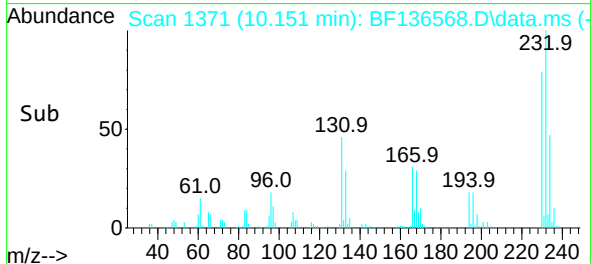
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:232 Resp: 215600
Ion Ratio Lower Upper
232 100
131 43.5 34.3 51.5
130 2.1 1.6 2.4
166 28.9 23.9 35.9

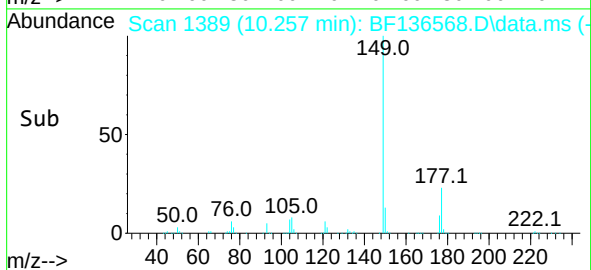
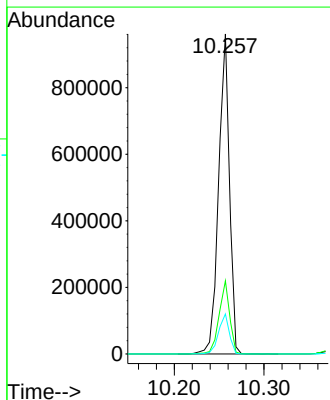
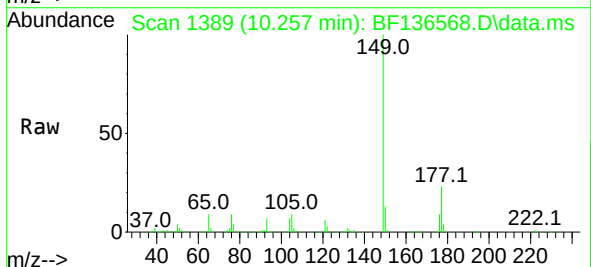
Manual Integrations
APPROVED

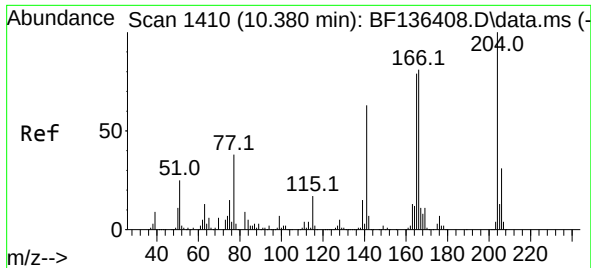
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#60
Diethylphthalate
Concen: 44.685 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:149 Resp: 805033
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.5 9.4 14.0





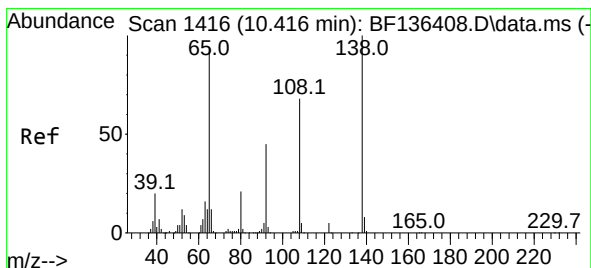
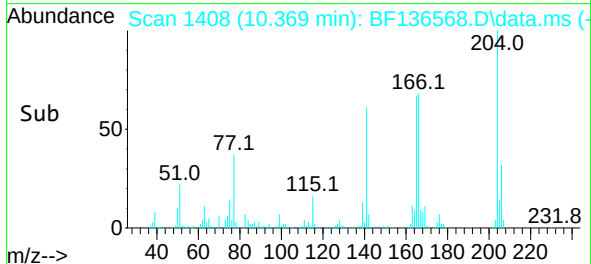
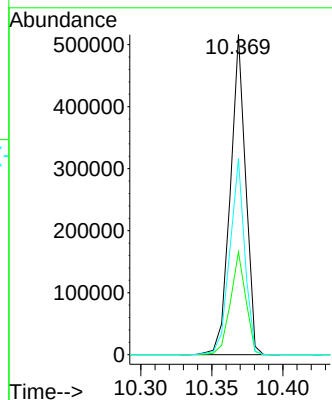
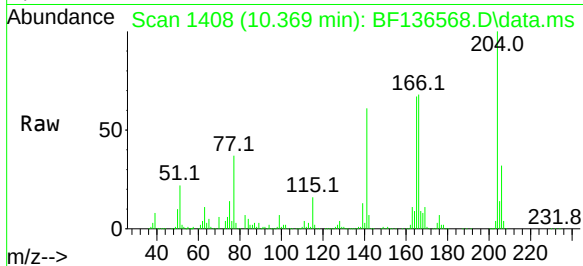
#61
4-Chlorophenyl-phenylether
Concen: 44.916 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion:204 Resp: 386302
Ion Ratio Lower Upper
204 100
206 32.2 24.6 36.8
141 61.3 50.3 75.5

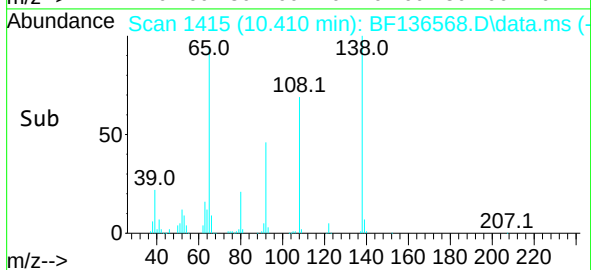
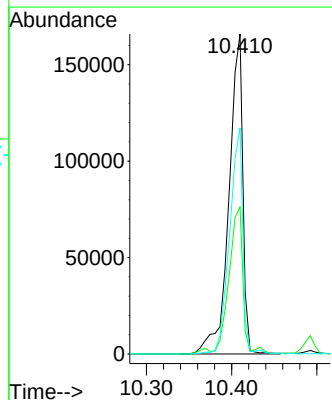
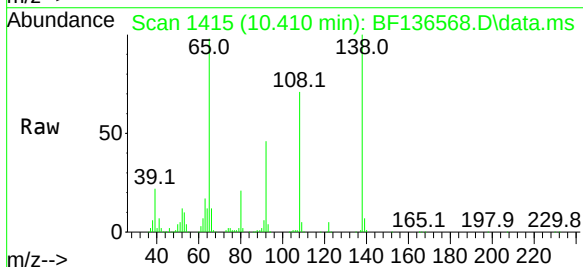
Manual Integrations
APPROVED

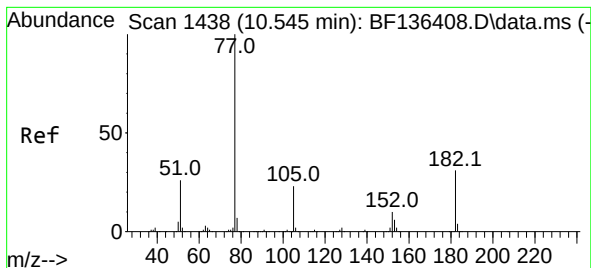
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#62
4-Nitroaniline
Concen: 44.899 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:138 Resp: 187646
Ion Ratio Lower Upper
138 100
92 45.9 25.0 65.0
108 70.7 47.9 87.9





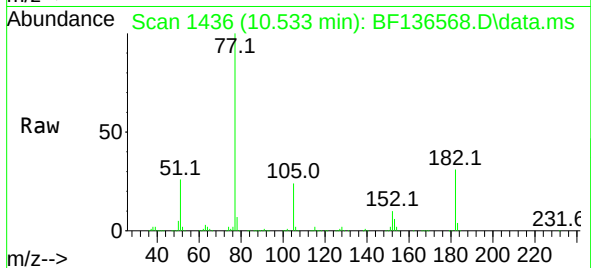
#63
Azobenzene
Concen: 43.224 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

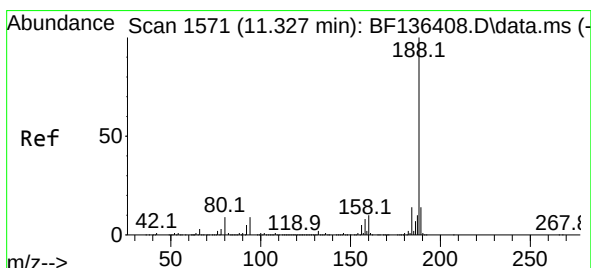
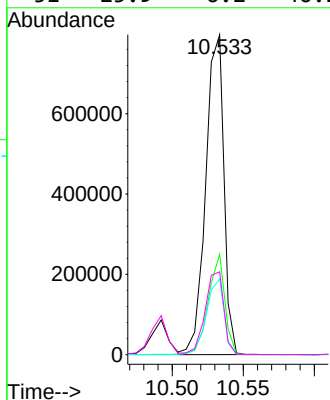
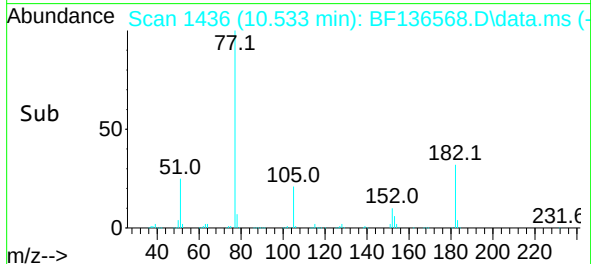


Tgt Ion: 77 Resp: 70878
Ion Ratio Lower Upper
77 100
182 31.4 10.8 50.8
105 23.7 2.6 42.6
51 25.9 6.2 46.2

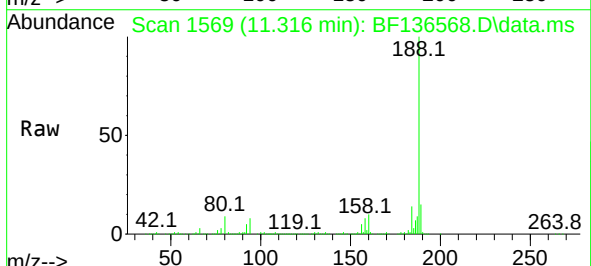
Manual Integrations

APPROVED

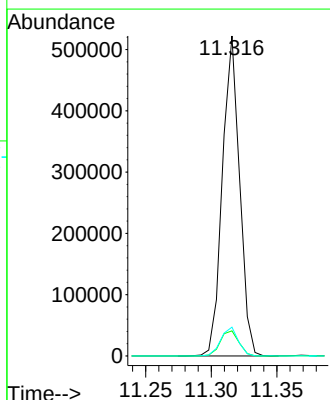
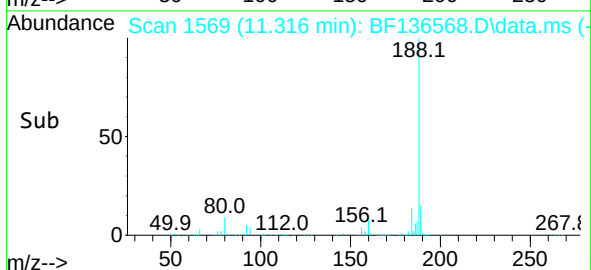
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

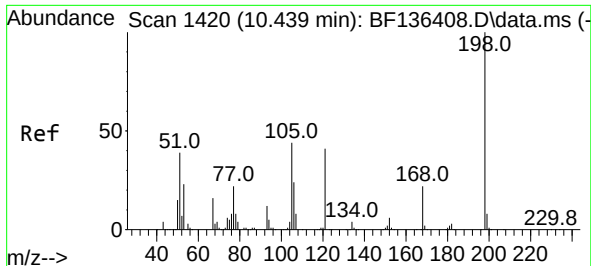


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



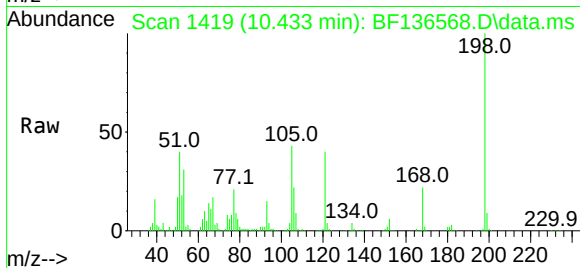
Tgt Ion:188 Resp: 475485
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.0 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.446 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

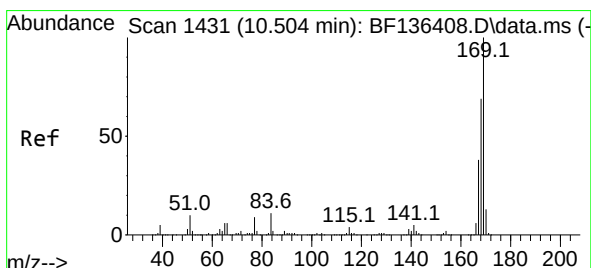
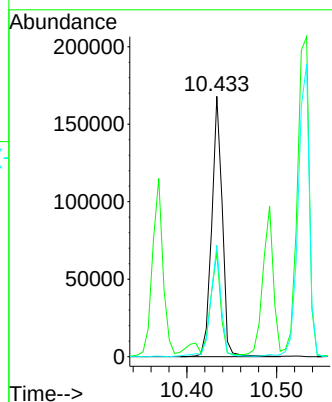
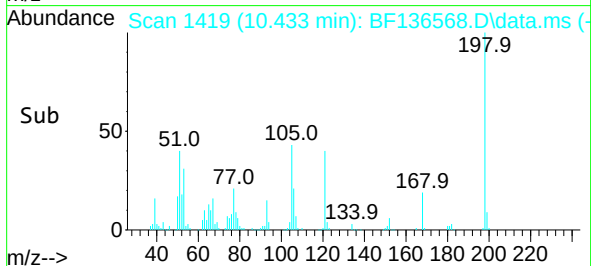
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:198 Resp: 13677
Ion Ratio Lower Upper
198 100
51 40.0 24.1 64.1
105 42.8 24.8 64.8

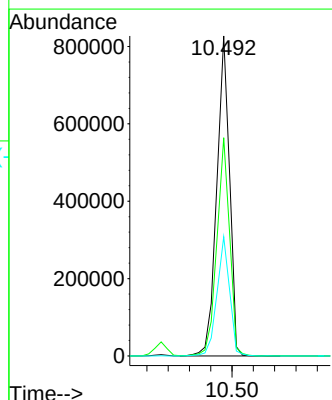
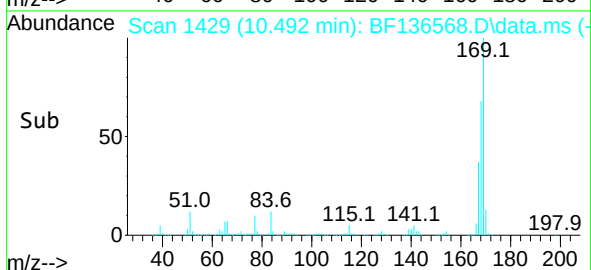
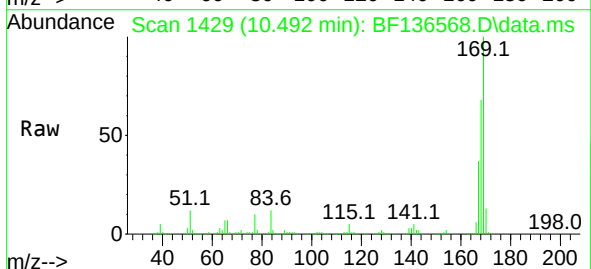
Manual Integrations
APPROVED

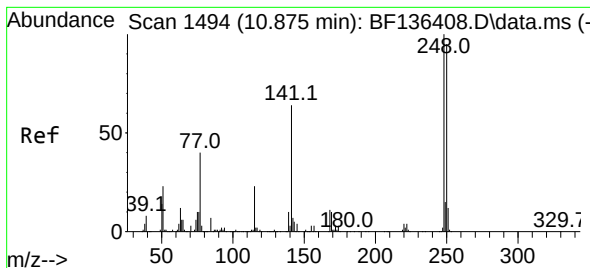
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#66
n-Nitrosodiphenylamine
Concen: 44.968 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:169 Resp: 686096
Ion Ratio Lower Upper
169 100
168 68.2 55.3 82.9
167 37.2 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 44.731 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

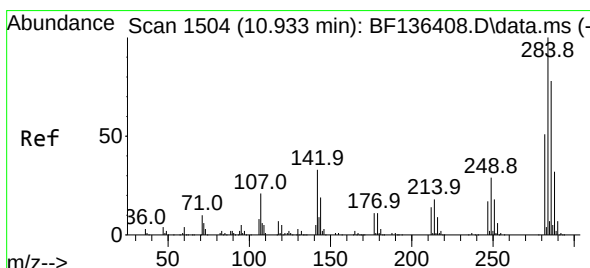
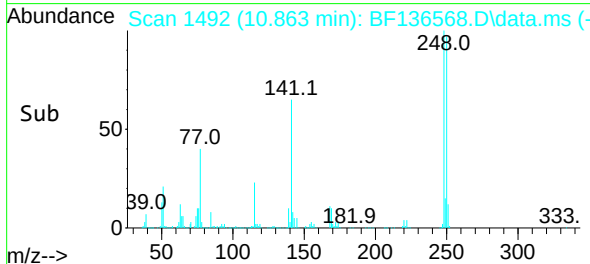
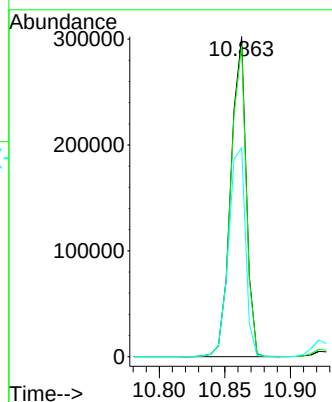
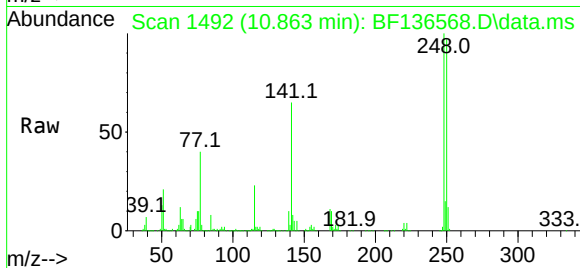
PB157641BS

Tgt Ion:248 Resp: 247285
Ion Ratio Lower Upper
248 100
250 97.1 76.2 114.2
141 65.3 51.0 76.4

Manual Integrations

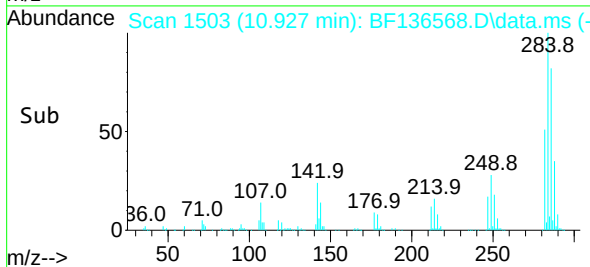
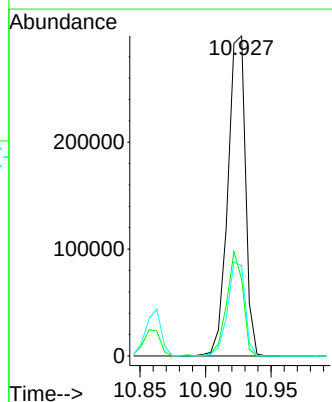
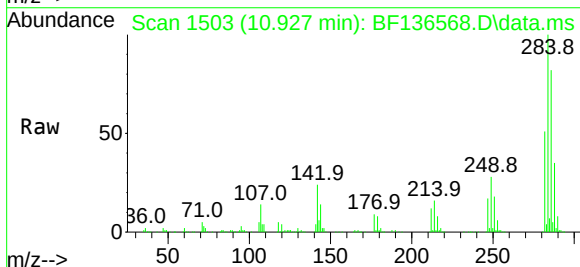
APPROVED

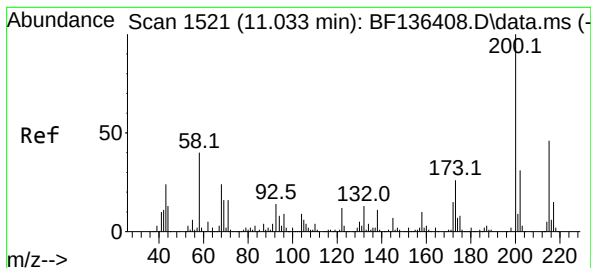
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#68
Hexachlorobenzene
Concen: 43.731 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:284 Resp: 279416
Ion Ratio Lower Upper
284 100
142 24.0 26.5 39.7#
249 28.2 23.4 35.0





#69

Atrazine

Concen: 55.929 ng

RT: 11.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:200 Resp: 24355

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

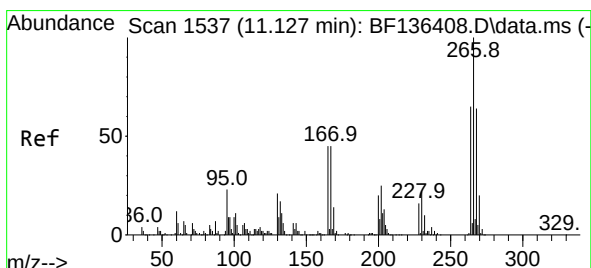
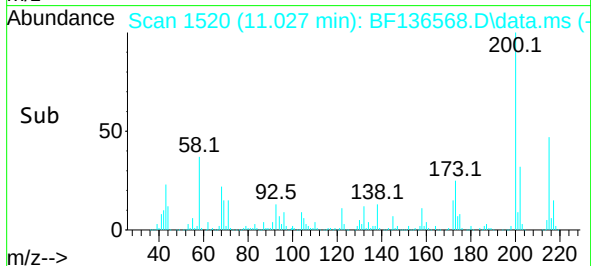
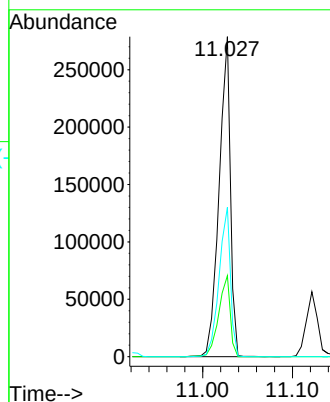
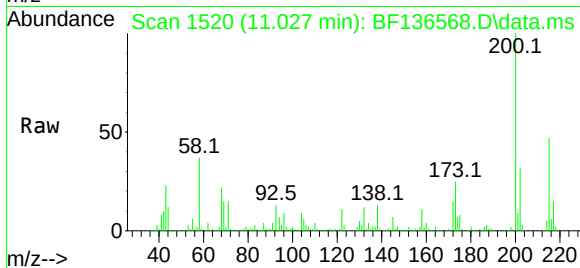
215 46.7 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#70

Pentachlorophenol

Concen: 77.731 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

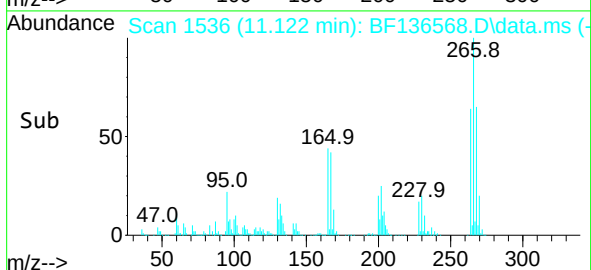
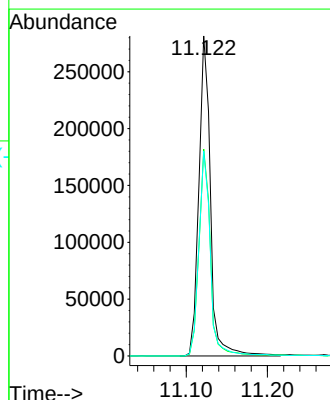
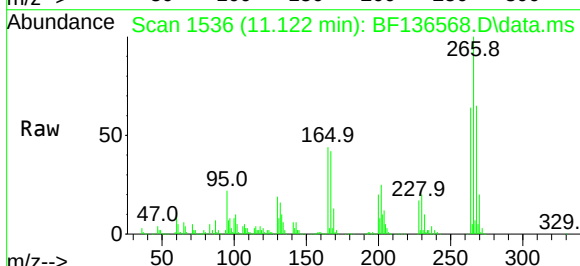
Tgt Ion:266 Resp: 280305

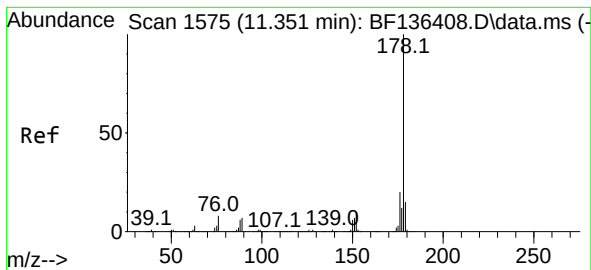
Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

264 64.1 52.2 78.4





#71

Phenanthrene

Concen: 45.276 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:178 Resp: 1183270

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

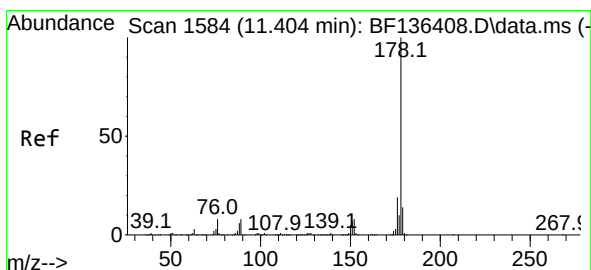
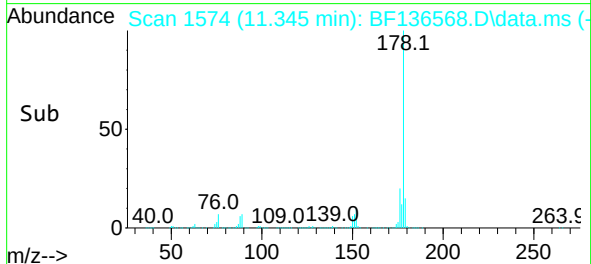
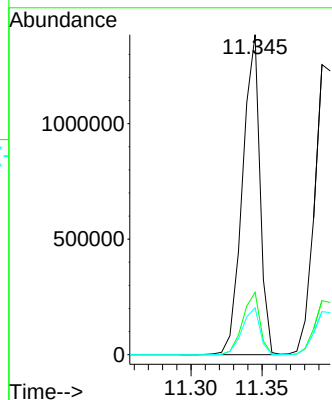
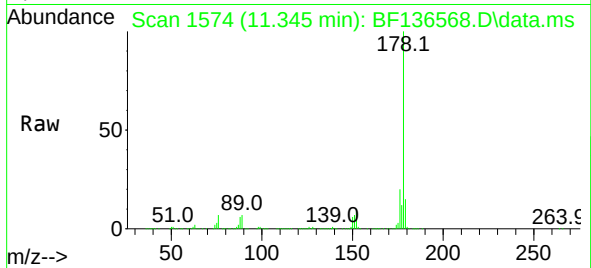
179 14.6 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#72

Anthracene

Concen: 45.710 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

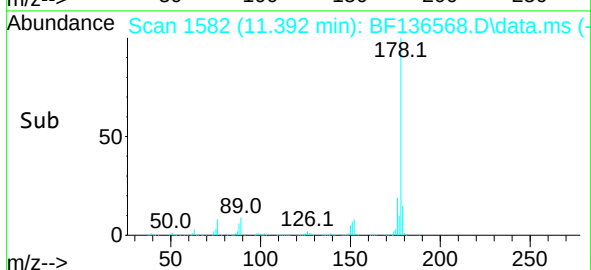
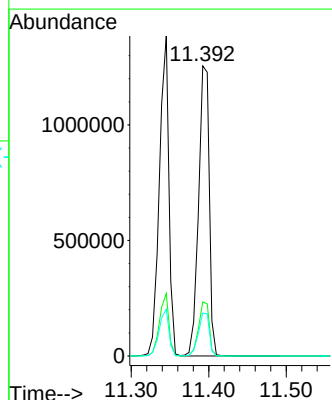
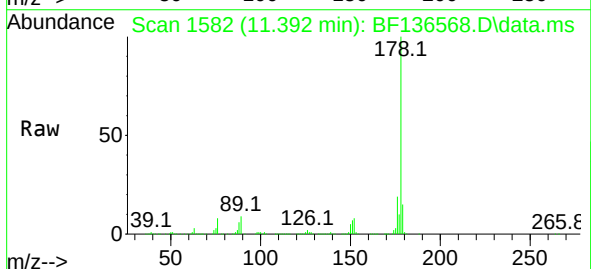
Tgt Ion:178 Resp: 1203242

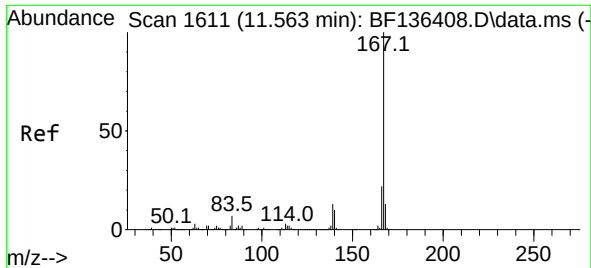
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

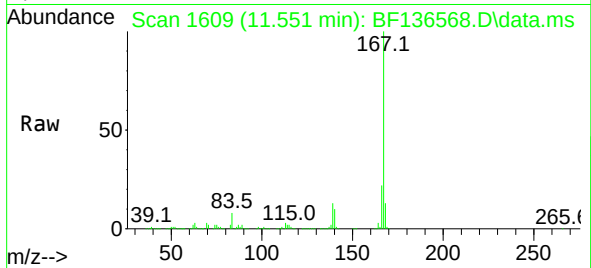
179 14.8 11.4 17.0





#73
Carbazole
Concen: 44.264 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

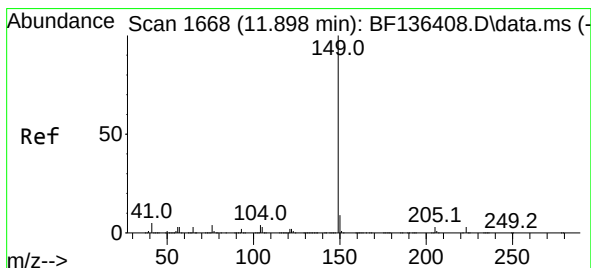
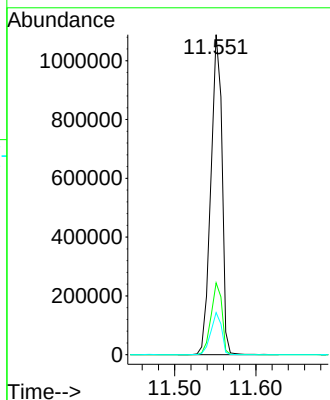
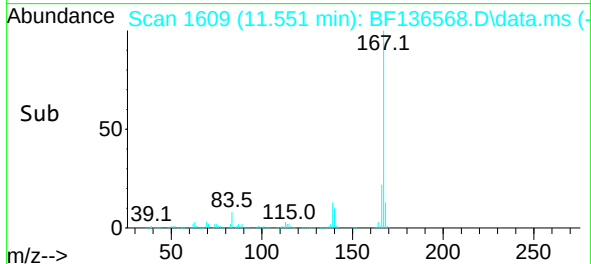
Instrument :
BNA_F
ClientSampleId :
PB157641BS



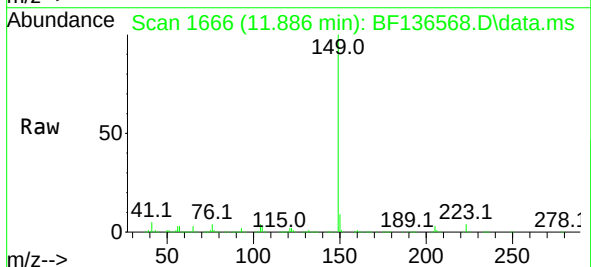
Tgt Ion:167 Resp: 103127
Ion Ratio Lower Upper
167 100
166 22.5 18.0 27.0
139 13.2 10.2 15.4

Manual Integrations
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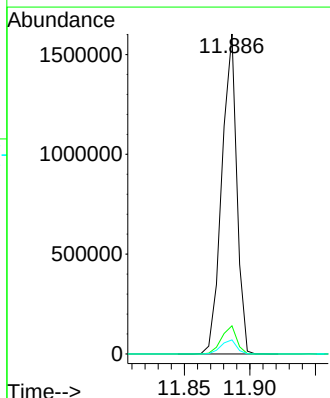
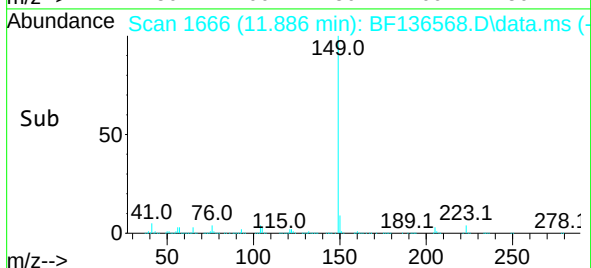
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

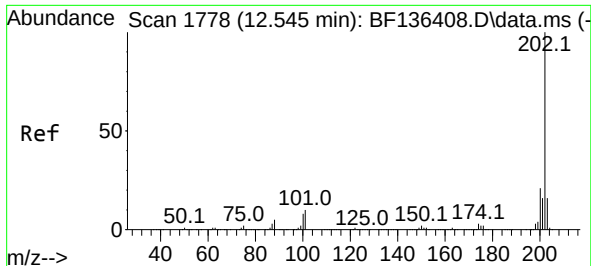


#74
Di-n-butylphthalate
Concen: 44.493 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



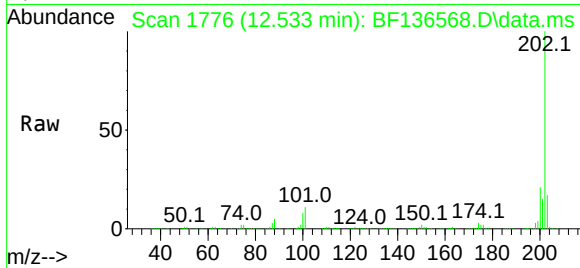
Tgt Ion:149 Resp: 1270786
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 43.337 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

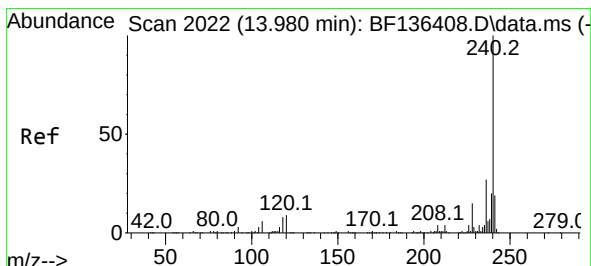
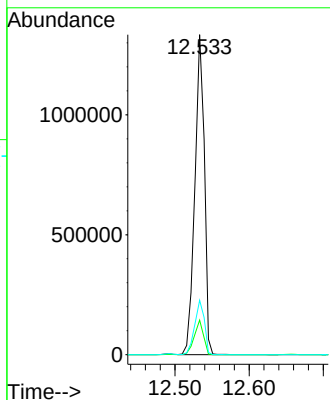
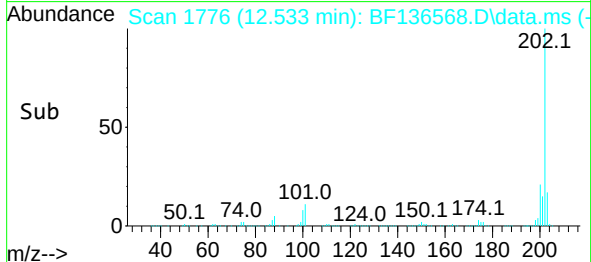
Instrument :
BNA_F
ClientSampleId :
PB157641BS



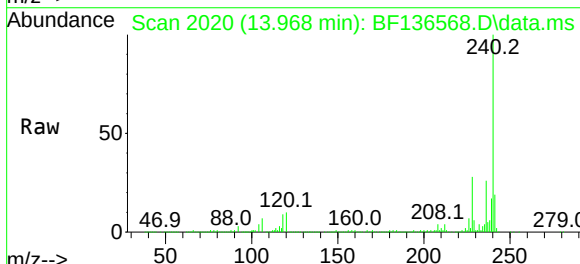
Tgt Ion:202 Resp: 1186904
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.9
203 17.0 0.0 36.3

Manual Integrations
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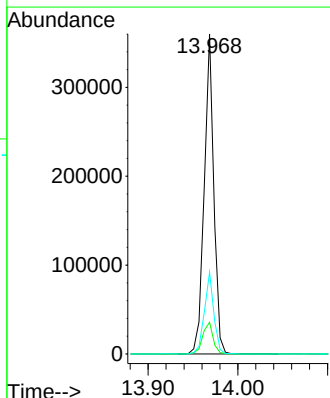
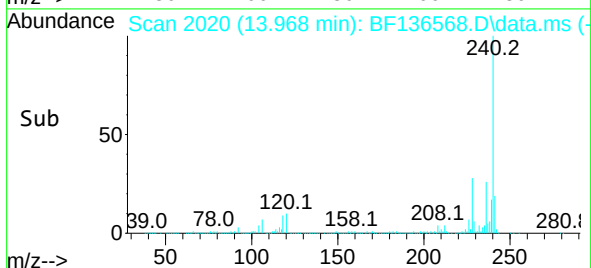
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

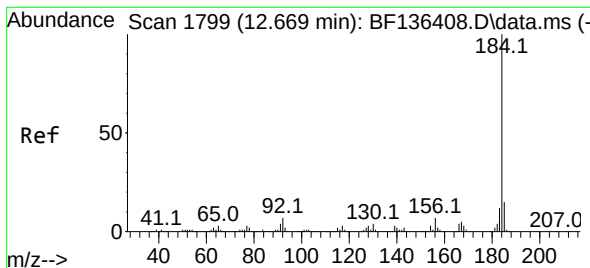


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



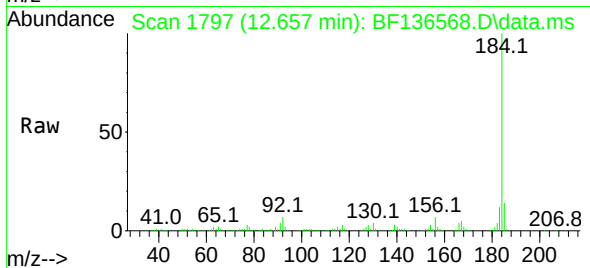
Tgt Ion:240 Resp: 267167
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 25.6 21.3 31.9





#77
Benzidine
Concen: 44.258 ng
RT: 12.657 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

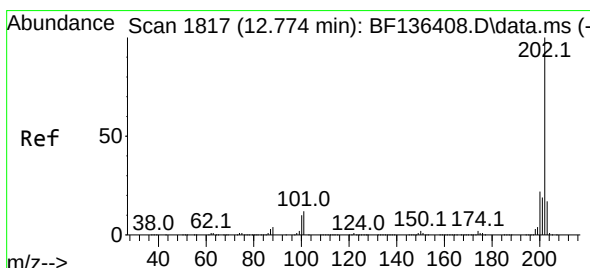
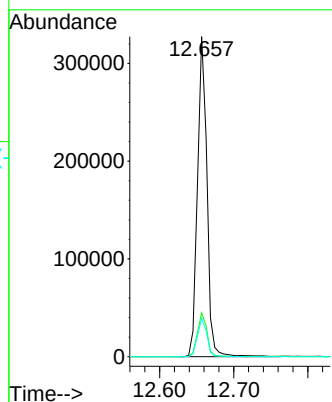
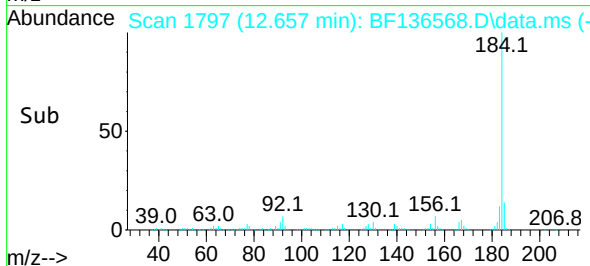
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:184 Resp: 288989
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 12.0 9.4 14.0

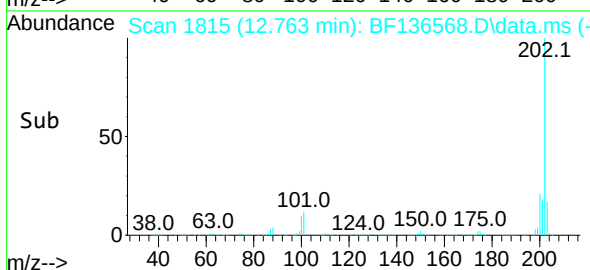
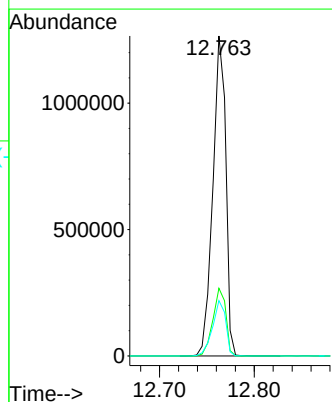
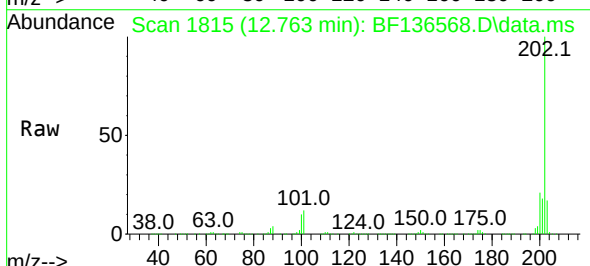
Manual Integrations
APPROVED

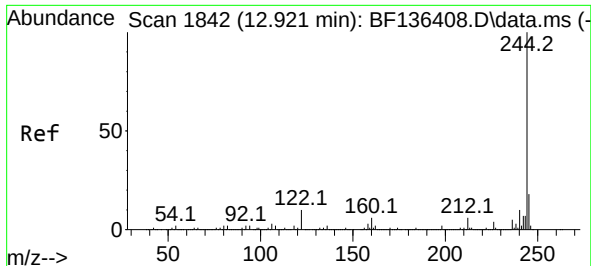
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#78
Pyrene
Concen: 45.677 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

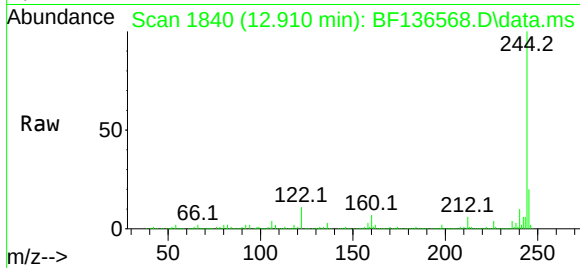
Tgt Ion:202 Resp: 1195154
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.3 13.5 20.3





#79
Terphenyl-d14
Concen: 89.317 ng
RT: 12.910 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

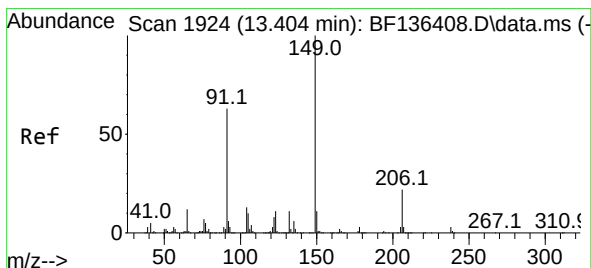
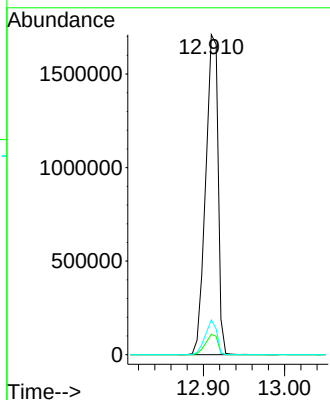
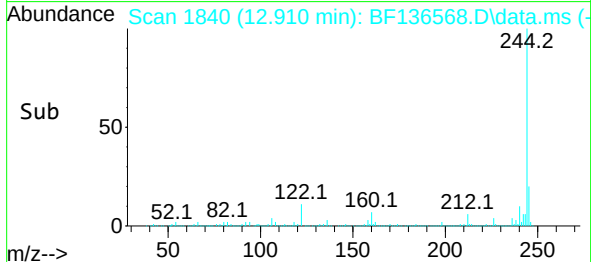
Instrument :
BNA_F
ClientSampleId :
PB157641BS



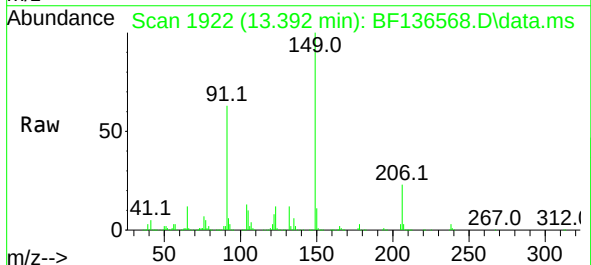
Tgt Ion:244 Resp: 1810450
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.9 8.3 12.5

Manual Integrations
APPROVED

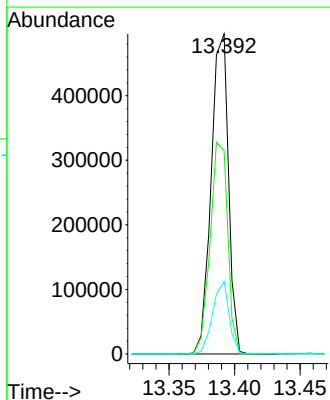
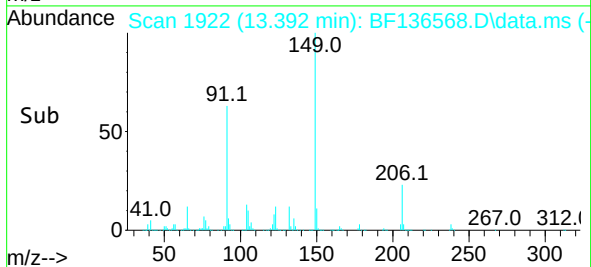
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

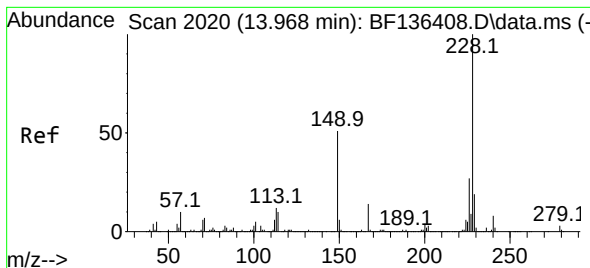


#80
Butylbenzylphthalate
Concen: 48.998 ng
RT: 13.392 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:149 Resp: 456384
Ion Ratio Lower Upper
149 100
91 63.5 50.5 75.7
206 22.7 17.4 26.2





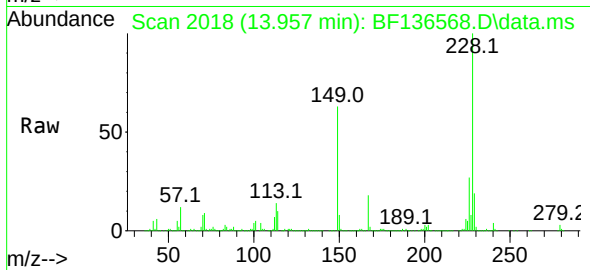
#81
Benzo(a)anthracene
Concen: 45.473 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

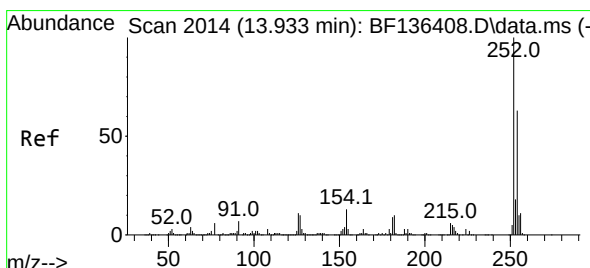
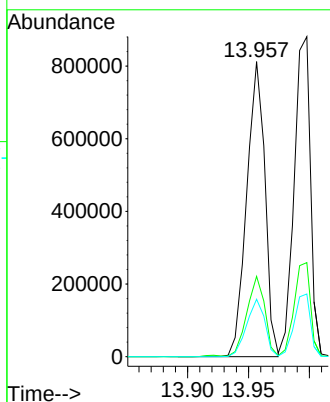
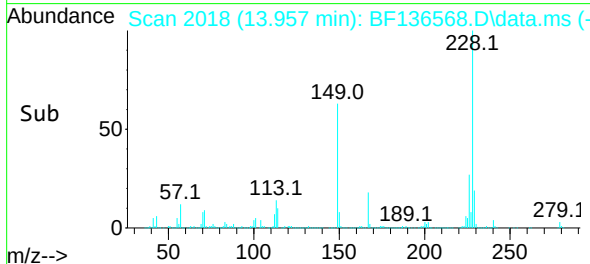


Tgt Ion:228 Resp: 846240
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.0 22.4

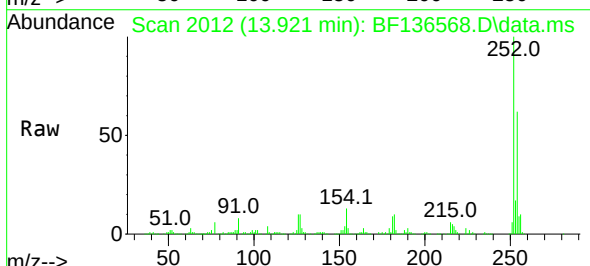
Manual Integrations

APPROVED

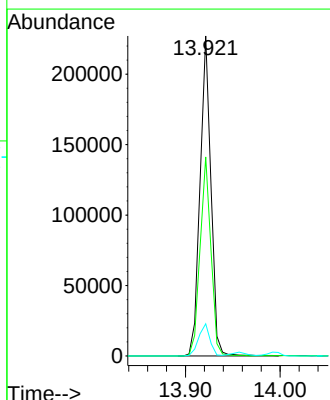
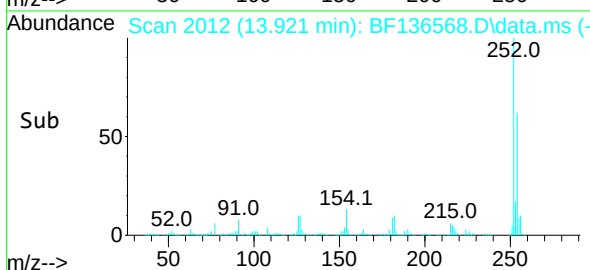
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

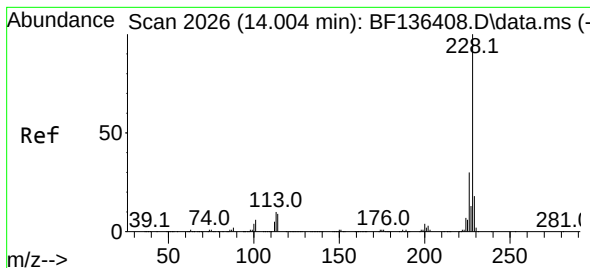


#82
3,3'-Dichlorobenzidine
Concen: 34.759 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:252 Resp: 181366
Ion Ratio Lower Upper
252 100
254 62.2 50.8 76.2
126 10.0 8.6 12.8





#83

Chrysene

Concen: 44.689 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

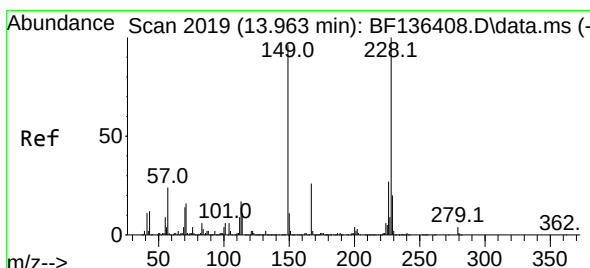
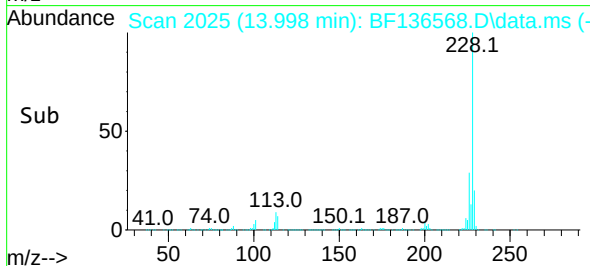
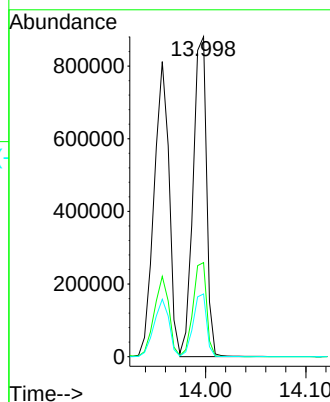
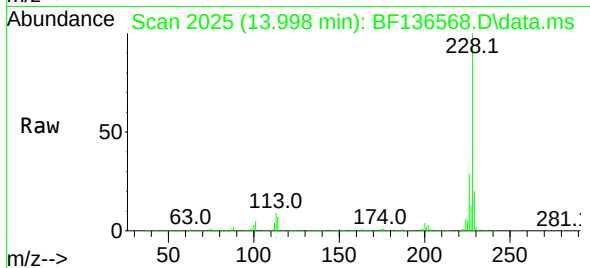
Tgt Ion:228	Resp: 81823
Ion Ratio	Lower Upper
228 100	
226 29.4	23.8 35.6
229 19.6	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.827 ng

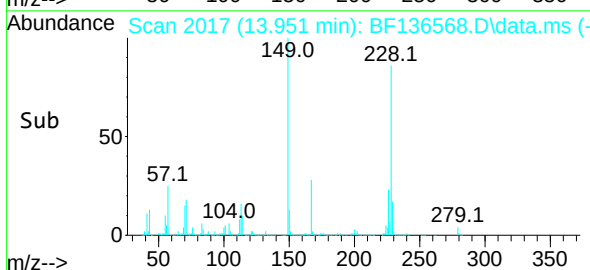
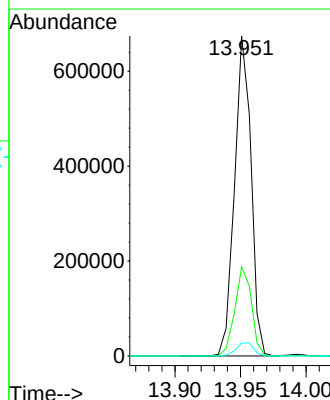
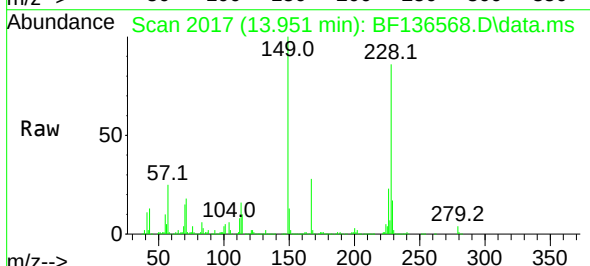
RT: 13.951 min Scan# 2017

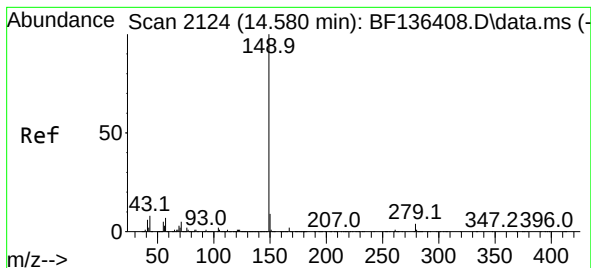
Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

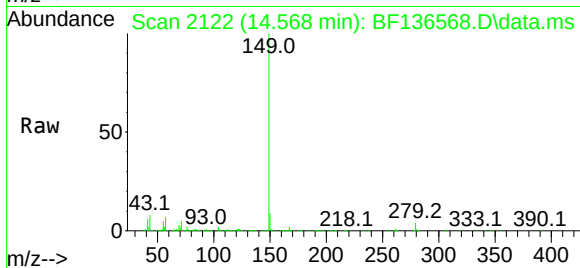
Tgt Ion:149	Resp: 591794
Ion Ratio	Lower Upper
149 100	
167 27.8	21.2 31.8
279 4.0	3.1 4.7





#85
Di-n-octyl phthalate
Concen: 54.107 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

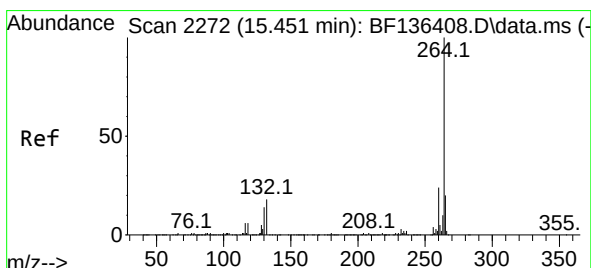
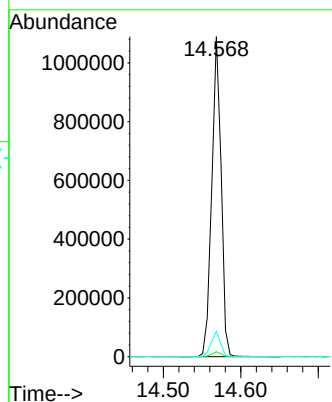
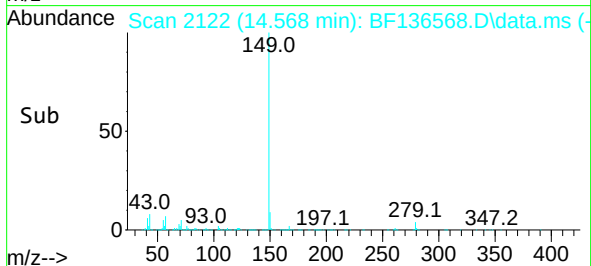
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:149 Resp: 912592
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.8 10.2

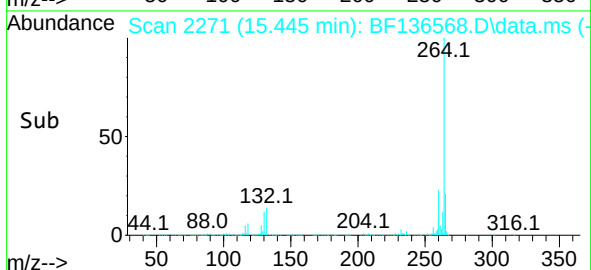
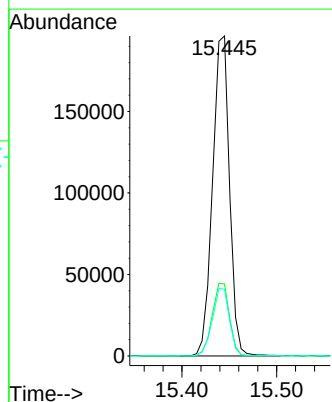
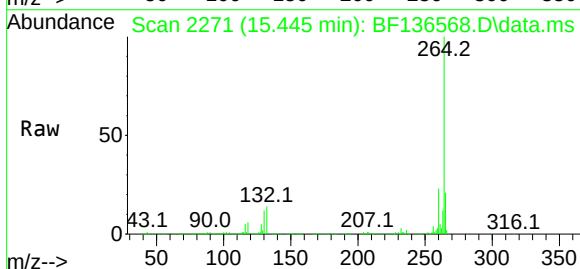
Manual Integrations
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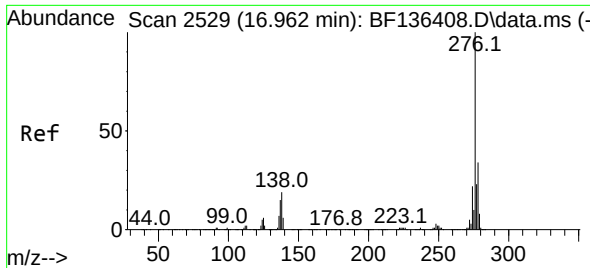
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:264 Resp: 243216
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 20.8 15.9 23.9





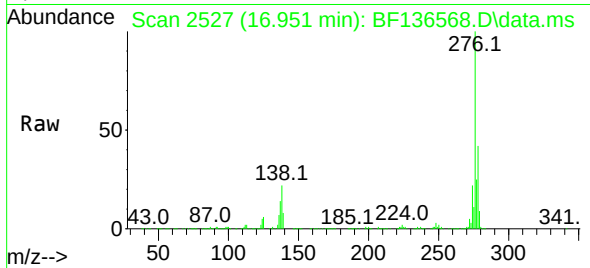
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.429 ng
RT: 16.951 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

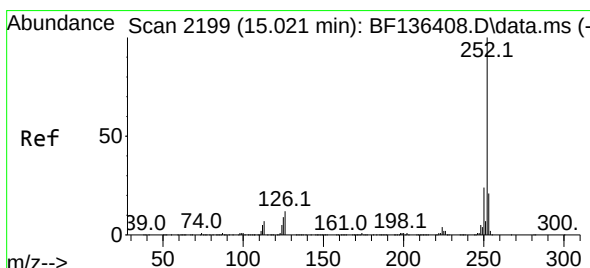
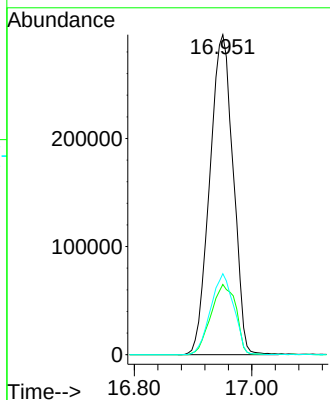
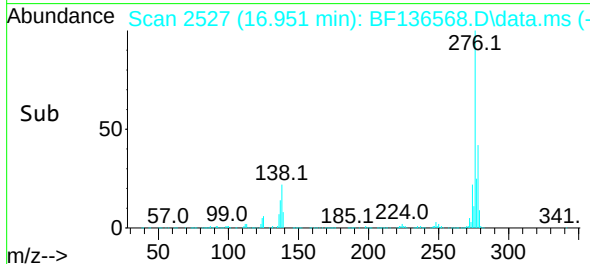
PB157641BS



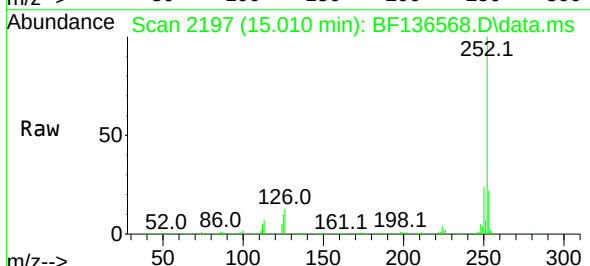
Tgt Ion:276 Resp: 81829
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 25.2 20.0 30.0

Manual Integrations
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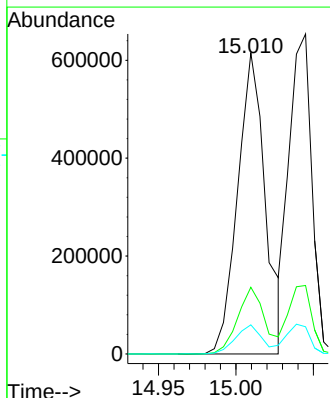
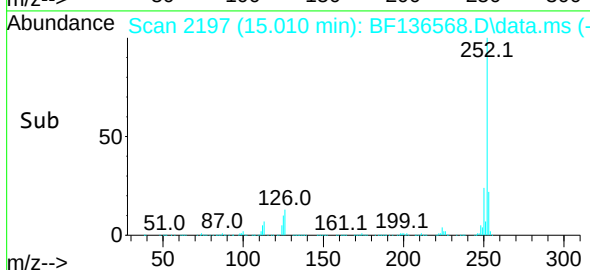
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

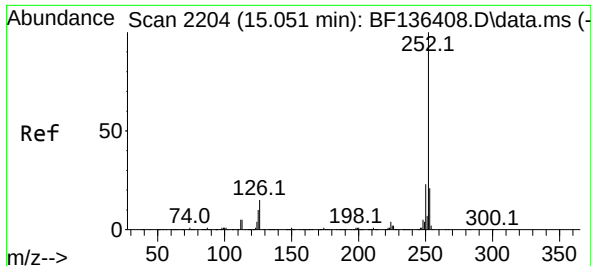


#88
Benzo(b)fluoranthene
Concen: 46.003 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03



Tgt Ion:252 Resp: 764999
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.822 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:252 Resp: 671089

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

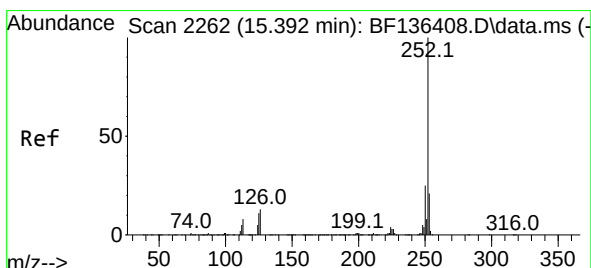
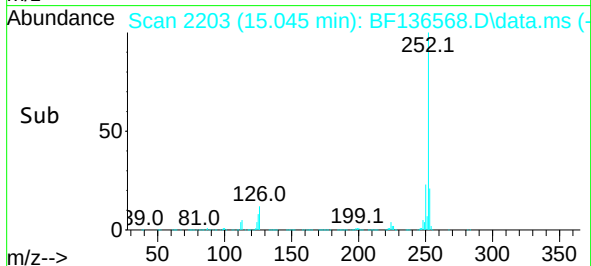
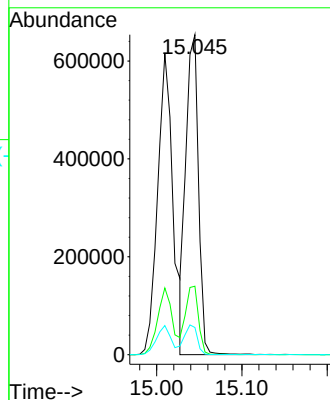
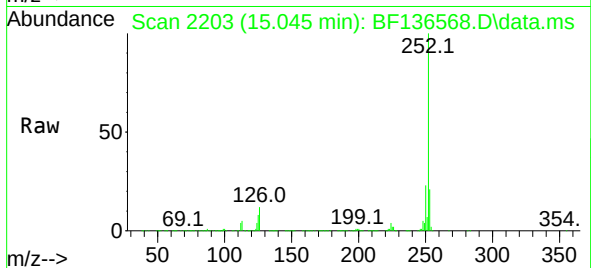
125 8.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#90

Benzo(a)pyrene

Concen: 46.084 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF136568.D

Acq: 14 Dec 2023 15:03

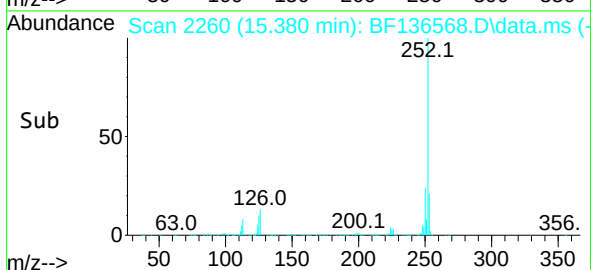
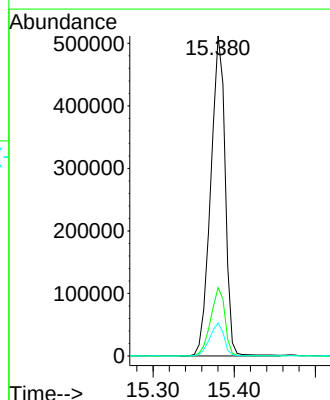
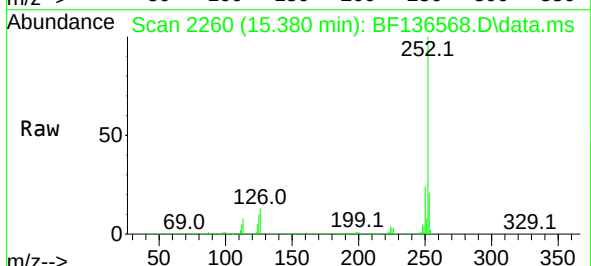
Tgt Ion:252 Resp: 632888

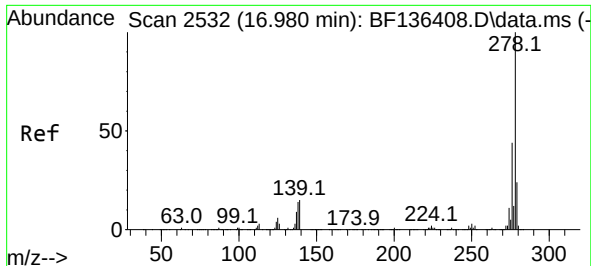
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 10.4 8.6 13.0





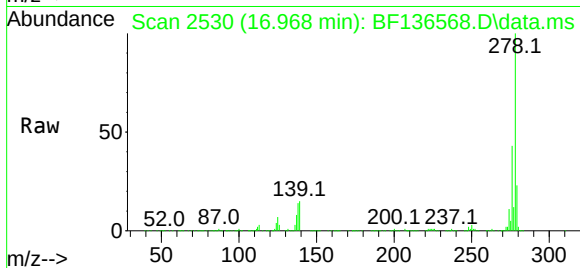
#91
Dibenzo(a,h)anthracene
Concen: 49.349 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB157641BS

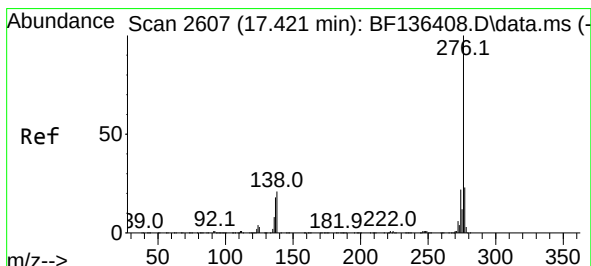
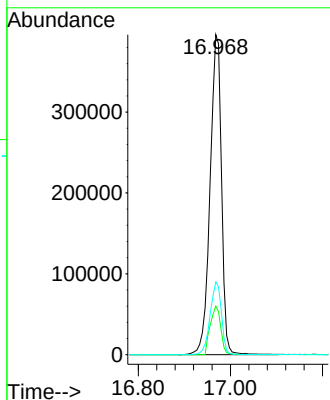
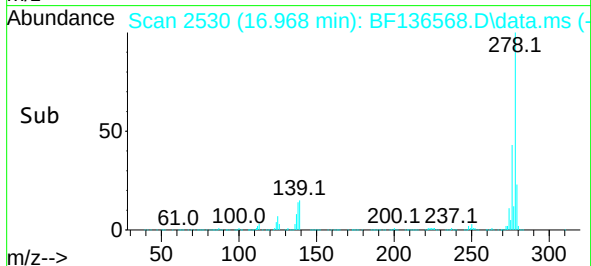


Tgt Ion:278 Resp: 68311
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 22.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#92
Benzo(g,h,i)perylene
Concen: 46.449 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF136568.D
Acq: 14 Dec 2023 15:03

Tgt Ion:276 Resp: 659942
Ion Ratio Lower Upper
276 100
277 24.6 18.7 28.1
138 20.2 16.6 25.0

