

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136685.D
 Acq On : 22 Dec 2023 14:29
 Operator : CG\JU
 Sample : PB157714BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157714BSD

Quant Time: Dec 22 15:26:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89957	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	364316	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185809	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	353886	20.000	ng	0.00
76) Chrysene-d12	13.969	240	183495	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	151022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	683383	118.531	ng	0.01
7) Phenol-d6	6.440	99	842264	112.744	ng	0.00
23) Nitrobenzene-d5	7.351	82	536633	75.374	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	244595	111.773	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1004195	72.689	ng	0.00
79) Terphenyl-d14	12.910	244	1031809	78.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	72099	30.013	ng	98
3) Pyridine	3.399	79	176791	30.163	ng	96
4) n-Nitrosodimethylamine	3.357	42	130420	41.668	ng	92
6) Aniline	6.451	93	192465	25.768	ng	# 1
8) 2-Chlorophenol	6.575	128	267365	42.376	ng	95
9) Benzaldehyde	6.340	77	67565	15.900	ng	98
10) Phenol	6.451	94	310111	38.886	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	247038	40.733	ng	98
12) 1,3-Dichlorobenzene	6.728	146	264569	38.439	ng	98
13) 1,4-Dichlorobenzene	6.804	146	269710	38.351	ng	97
14) 1,2-Dichlorobenzene	6.951	146	258932	39.568	ng	100
15) Benzyl Alcohol	6.934	79	205620	40.798	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	403323	40.676	ng	99
17) 2-Methylphenol	7.051	107	211815	40.525	ng	96
18) Hexachloroethane	7.292	117	100151	39.213	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	178503	39.417	ng	99
20) 3+4-Methylphenols	7.204	107	251041	38.445	ng	# 72
22) Acetophenone	7.198	105	366016	40.083	ng	98
24) Nitrobenzene	7.369	77	275347	38.608	ng	99
25) Isophorone	7.610	82	499152	38.530	ng	99
26) 2-Nitrophenol	7.681	139	140499	41.175	ng	91
27) 2,4-Dimethylphenol	7.728	122	208709	50.241	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	299335	38.013	ng	98
29) 2,4-Dichlorophenol	7.928	162	206888	38.684	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	228976	38.426	ng	98
31) Naphthalene	8.087	128	763129	38.129	ng	100
32) Benzoic acid	7.875	122	161718	40.234	ng	98
33) 4-Chloroaniline	8.134	127	172394	23.329	ng	99
34) Hexachlorobutadiene	8.198	225	134364	37.113	ng	97
35) Caprolactam	8.522	113	69677m	39.492	ng	
36) 4-Chloro-3-methylphenol	8.634	107	232723	38.653	ng	96
37) 2-Methylnaphthalene	8.775	142	485408	37.685	ng	99
38) 1-Methylnaphthalene	8.875	142	460274	36.422	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	230400	40.039	ng	99
41) Hexachlorocyclopentadiene	8.928	237	167998	90.856	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	148479	40.234	ng	99

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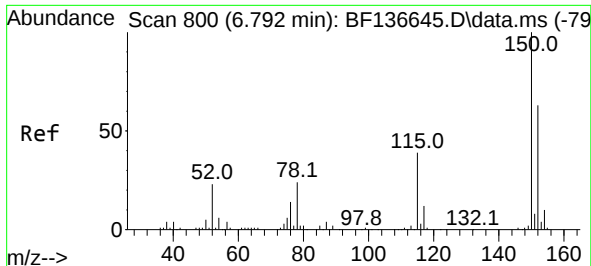
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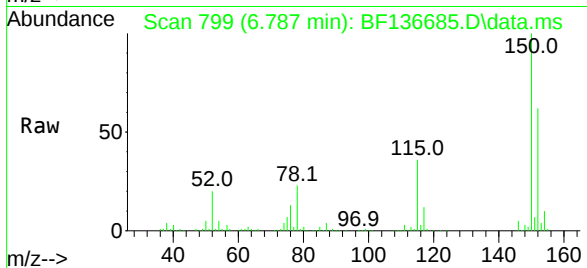
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	161505	39.272	ng	95
46) 1,1'-Biphenyl	9.245	154	602452	38.638	ng	99
47) 2-Chloronaphthalene	9.269	162	460865	38.880	ng	99
48) 2-Nitroaniline	9.369	65	150048	40.424	ng	100
49) Acenaphthylene	9.686	152	736958	40.676	ng	99
50) Dimethylphthalate	9.551	163	539405	39.744	ng	99
51) 2,6-Dinitrotoluene	9.616	165	118093	38.340	ng	95
52) Acenaphthene	9.857	154	427372	38.053	ng	98
53) 3-Nitroaniline	9.781	138	104579	32.051	ng	98
54) 2,4-Dinitrophenol	9.898	184	132130	77.522	ng	97
55) Dibenzofuran	10.028	168	657032	38.593	ng	100
56) 4-Nitrophenol	9.963	139	171347	77.792	ng	99
57) 2,4-Dinitrotoluene	10.022	165	153463	38.379	ng	97
58) Fluorene	10.375	166	518252	38.366	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	140242	44.301	ng	99
60) Diethylphthalate	10.251	149	552755	39.253	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	242178	36.884	ng	99
62) 4-Nitroaniline	10.404	138	110938m	35.269	ng	
63) Azobenzene	10.528	77	506999	38.548	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	84139	41.486	ng	91
66) n-Nitrosodiphenylamine	10.486	169	471591	41.023	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	154418	39.290	ng	97
68) Hexachlorobenzene	10.922	284	172502	39.386	ng	99
69) Atrazine	11.022	200	119590	40.673	ng	96
70) Pentachlorophenol	11.122	266	146128	71.579	ng	99
71) Phenanthrene	11.339	178	737982	40.642	ng	99
72) Anthracene	11.392	178	740631	40.275	ng	99
73) Carbazole	11.551	167	682170	39.346	ng	99
74) Di-n-butylphthalate	11.880	149	865557	40.912	ng	99
75) Fluoranthene	12.533	202	757471	38.999	ng	100
77) Benzidine	12.657	184	31092	5.747	ng	97
78) Pyrene	12.763	202	747219	41.482	ng	100
80) Butylbenzylphthalate	13.386	149	291360	44.452	ng	98
81) Benzo(a)anthracene	13.957	228	512766	40.243	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	147692	40.815	ng	97
83) Chrysene	13.992	228	489718	39.303	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	359648	43.611	ng	97
85) Di-n-octyl phthalate	14.563	149	562230	44.074	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	543376	49.833	ng	99
88) Benzo(b)fluoranthene	15.010	252	439750	43.596	ng	99
89) Benzo(k)fluoranthene	15.039	252	424609	44.549	ng	100
90) Benzo(a)pyrene	15.380	252	392674	46.119	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	457995	51.198	ng	97
92) Benzo(g,h,i)perylene	17.404	276	455760	49.743	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

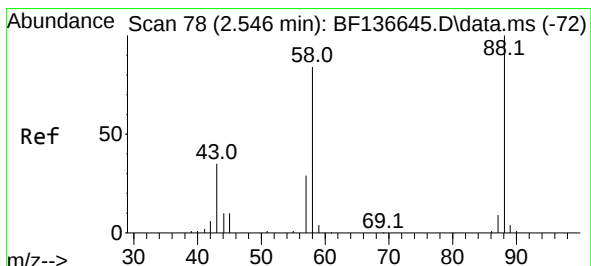
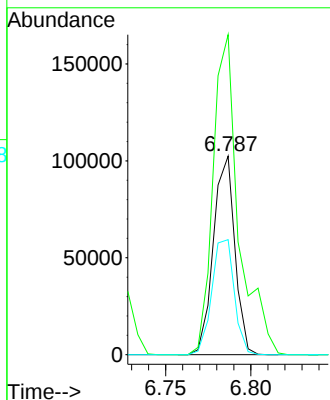
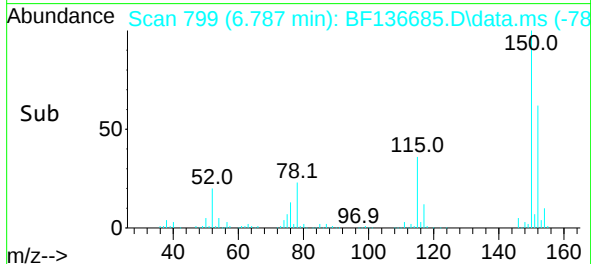
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



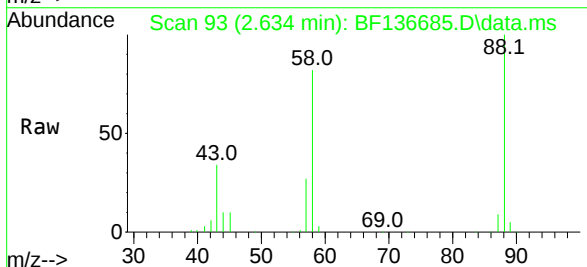
Tgt Ion:152 Resp: 8995
Ion Ratio Lower Upper
152 100
150 161.1 127.0 190.6
115 57.9 49.0 73.4

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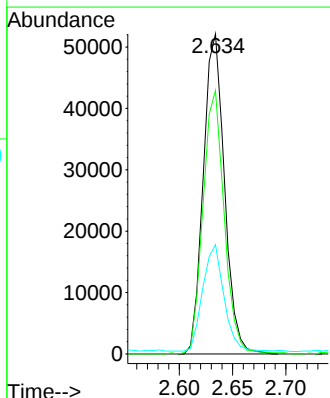
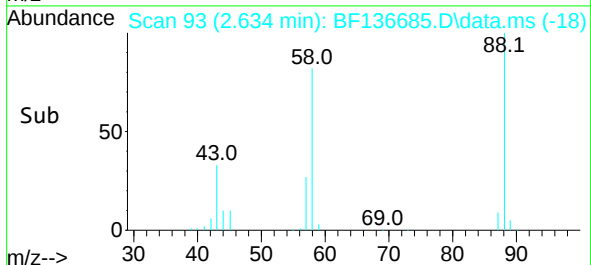
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

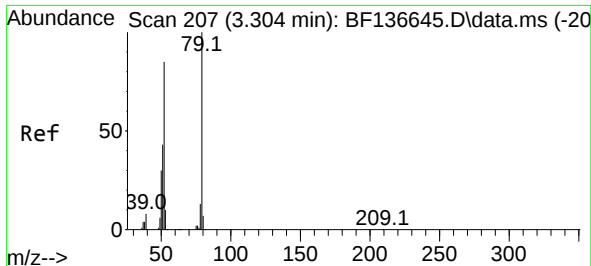


#2
1,4-Dioxane
Concen: 30.013 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



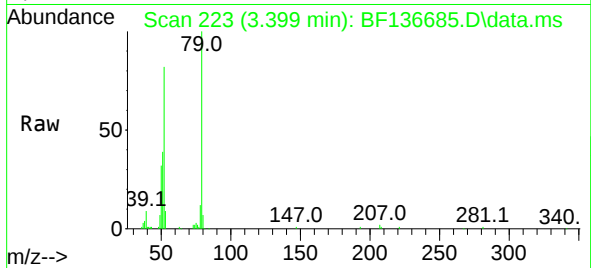
Tgt Ion: 88 Resp: 72099
Ion Ratio Lower Upper
88 100
58 82.6 67.4 101.0
43 33.9 27.7 41.5





#3
Pyridine
Concen: 30.163 ng
RT: 3.399 min Scan# 216
Delta R.T. 0.094 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

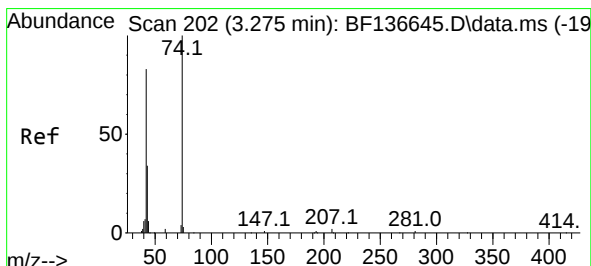
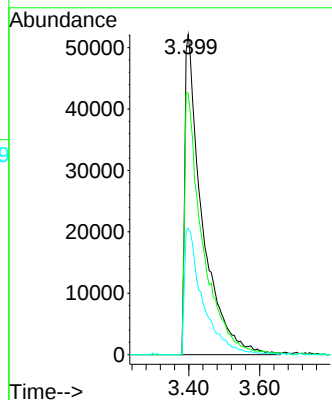
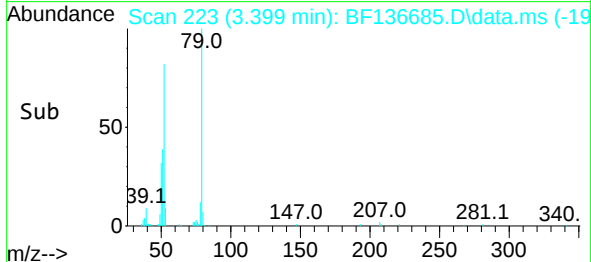
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BNA_F
ClientSampleId :
PB157714BSD



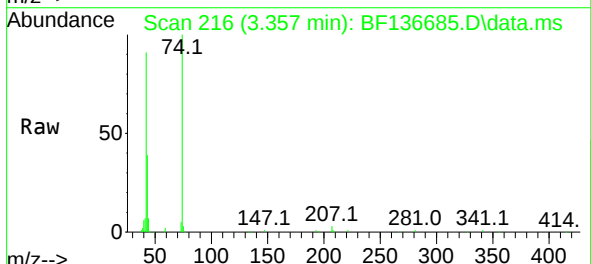
Tgt Ion: 79 Resp: 17679
Ion Ratio Lower Upper
79 100
52 81.7 67.7 101.5
51 39.5 34.0 51.0

Manual Integrations
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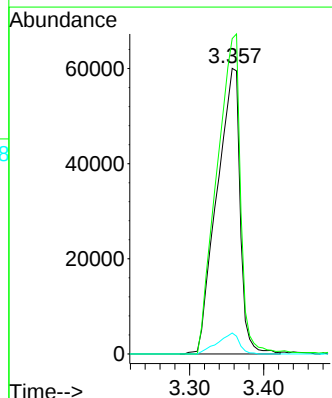
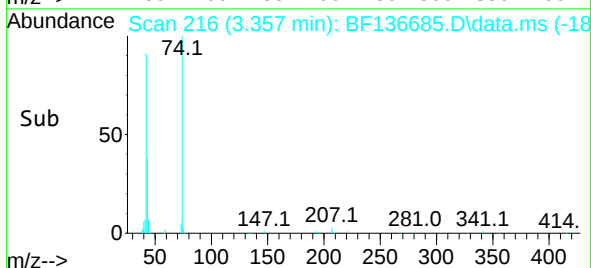
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

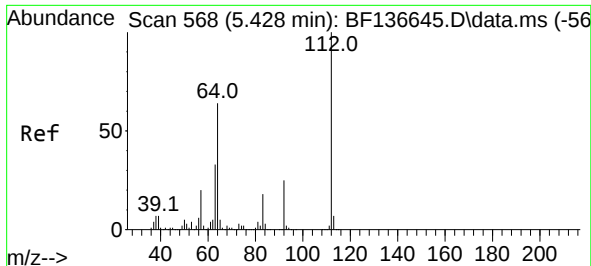


#4
n-Nitrosodimethylamine
Concen: 41.668 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.083 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



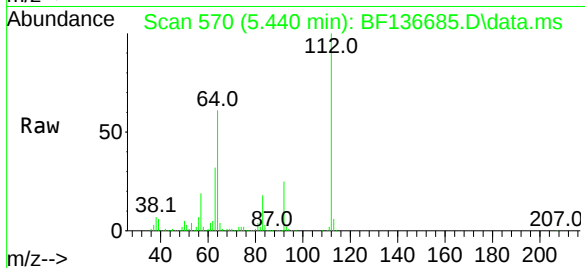
Tgt Ion: 42 Resp: 130420
Ion Ratio Lower Upper
42 100
74 110.4 96.0 144.0
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 118.531 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

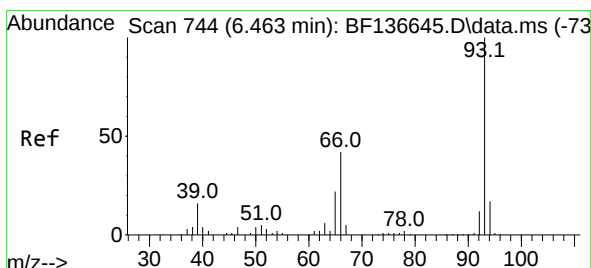
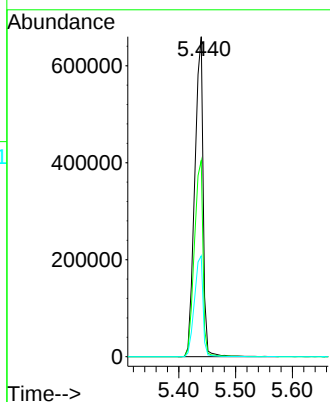
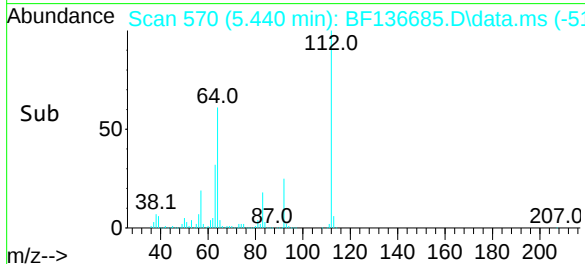
Instrument :
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Tgt Ion:112 Resp: 68338
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 31.5 26.1 39.1

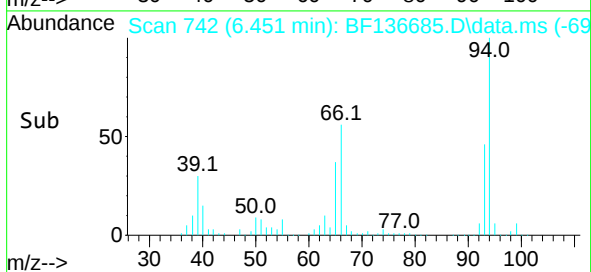
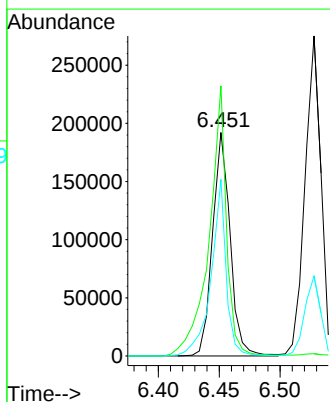
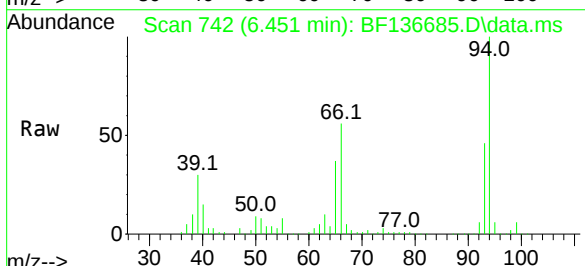
Manual Integrations
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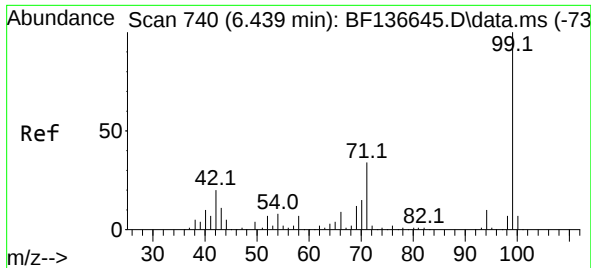
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 25.768 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Tgt Ion: 93 Resp: 192465
Ion Ratio Lower Upper
93 100
66 120.8 34.6 51.8#
65 79.1 17.8 26.8#





#7

Phenol-d6

Concen: 112.744 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion: 99 Resp: 842264

Ion Ratio Lower Upper

99 100

42 20.3 16.1 24.1

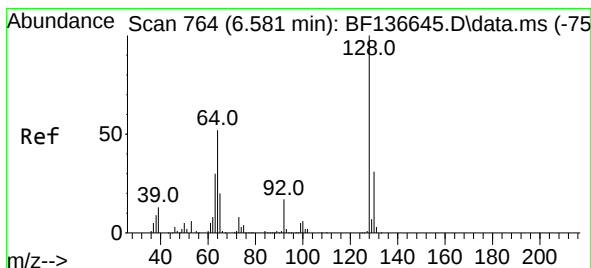
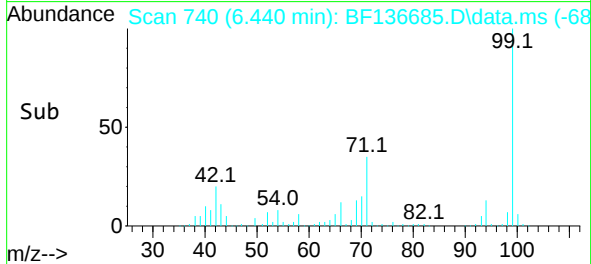
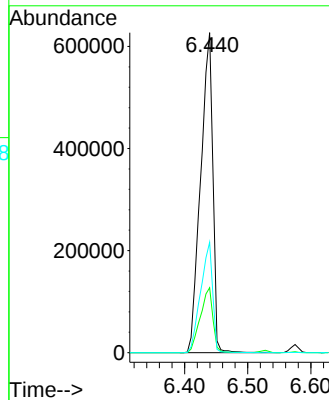
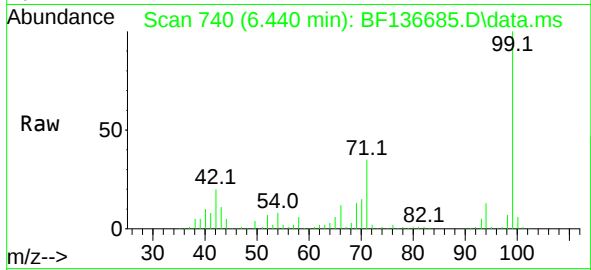
71 34.5 27.4 41.2

Manual Integrations

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Supervised By :mohammad ahmed 12/25/2023



#8

2-Chlorophenol

Concen: 42.376 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

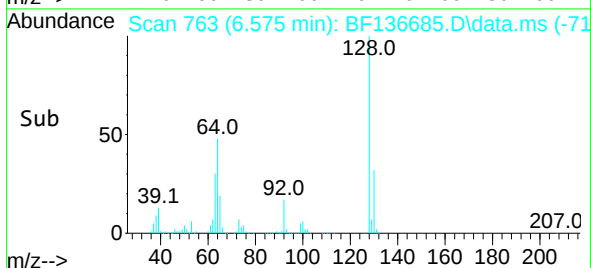
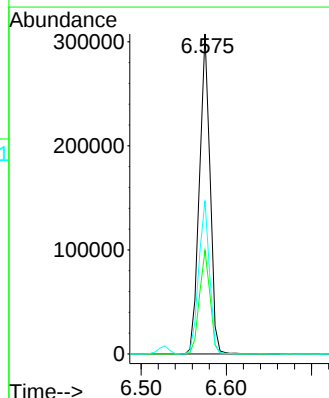
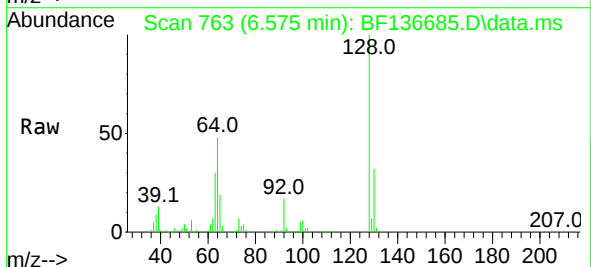
Tgt Ion:128 Resp: 267365

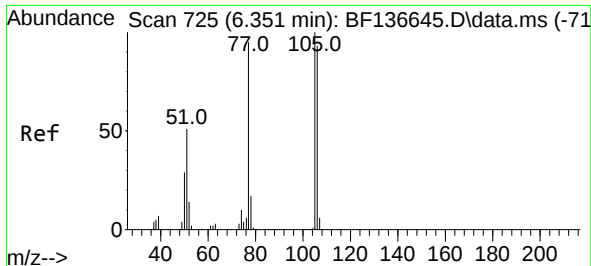
Ion Ratio Lower Upper

128 100

130 32.4 11.3 51.3

64 48.0 32.5 72.5





#9

Benzaldehyde

Concen: 15.900 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

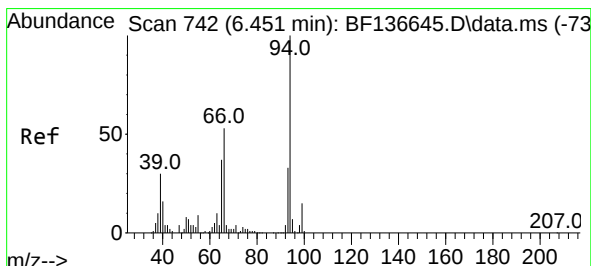
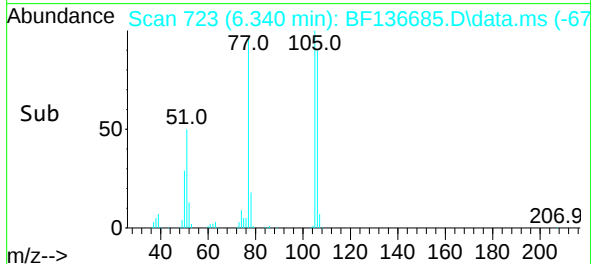
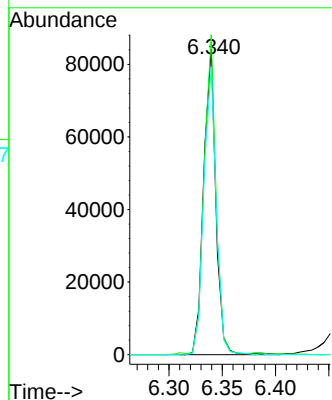
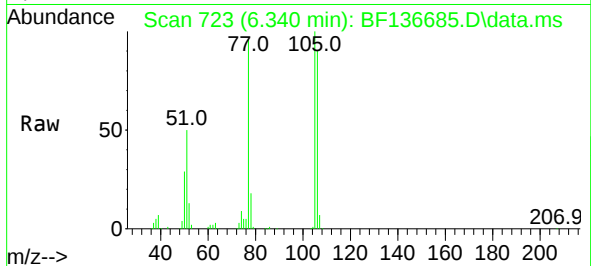
ClientSampleId :

PB157714BSD

Tgt Ion: 77	Resp: 6756
Ion Ratio	Lower Upper
77 100	
105 104.7	84.8 124.8
106 94.2	77.8 117.8

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#10

Phenol

Concen: 38.886 ng

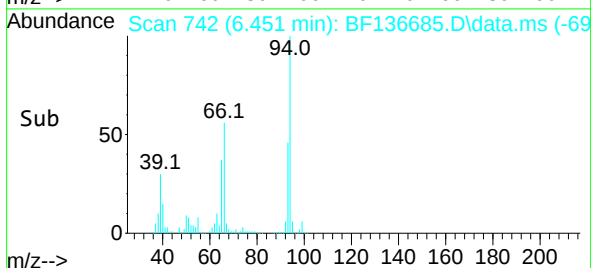
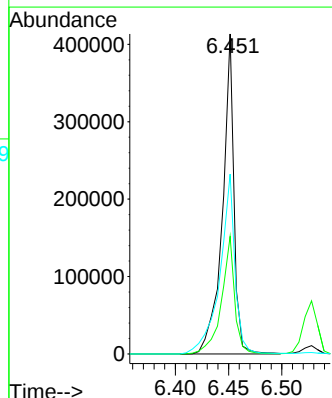
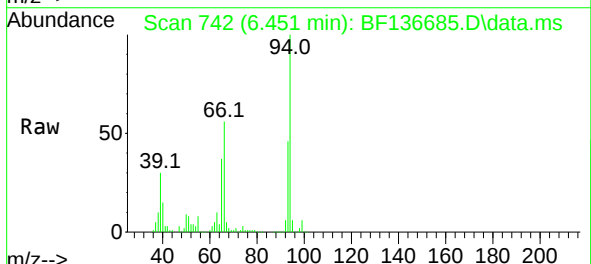
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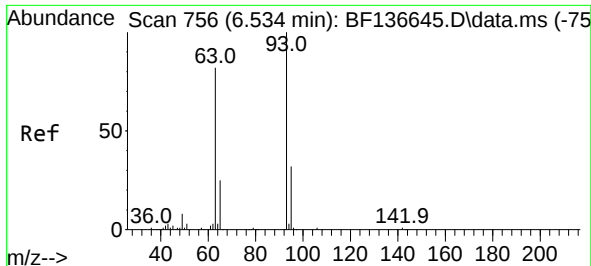
Delta R.T. 0.000 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

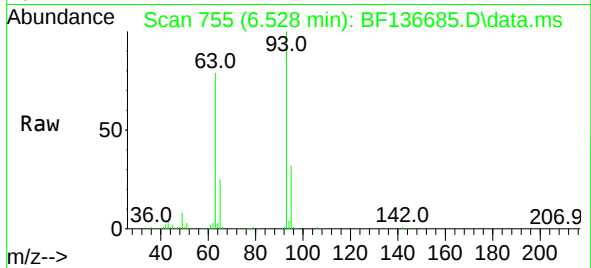
Tgt Ion: 94	Resp: 310111
Ion Ratio	Lower Upper
94 100	
65 36.8	16.6 56.6
66 56.2	32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 40.733 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

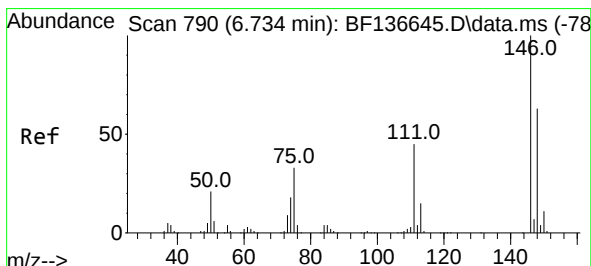
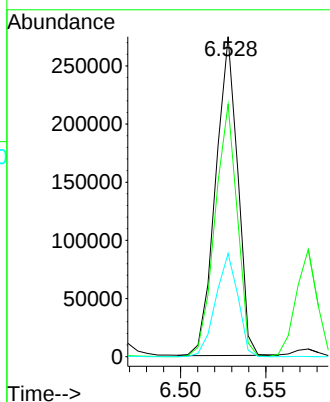
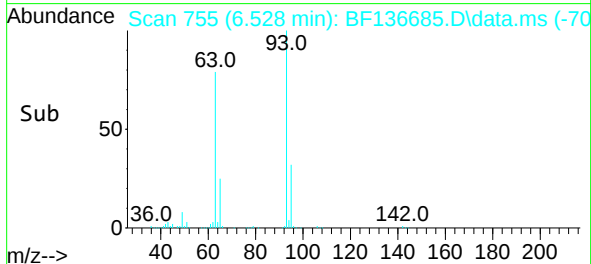
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



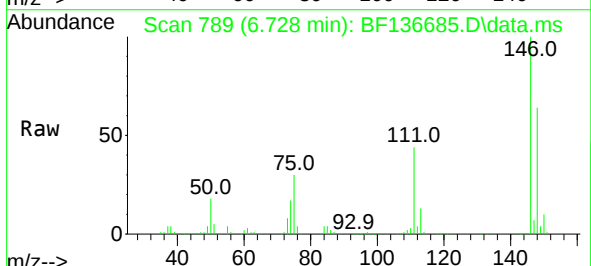
Tgt Ion: 93 Resp: 247038
Ion Ratio Lower Upper
93 100
63 78.9 61.2 101.2
95 32.2 11.6 51.6

Manual Integrations
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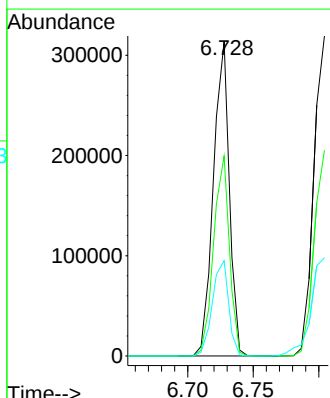
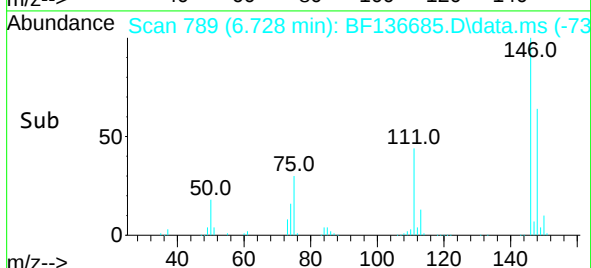
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

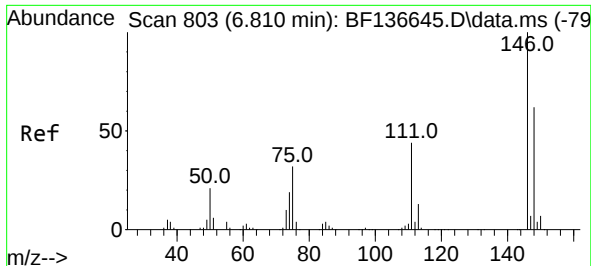


#12
1,3-Dichlorobenzene
Concen: 38.439 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:146 Resp: 264569
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 30.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.351 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion:146 Resp: 269710

Ion Ratio Lower Upper

146 100

148 64.3 49.2 73.8

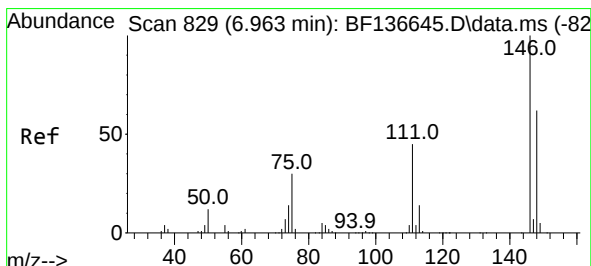
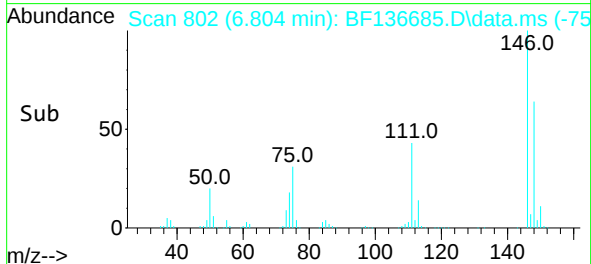
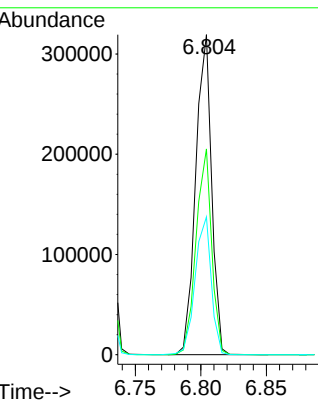
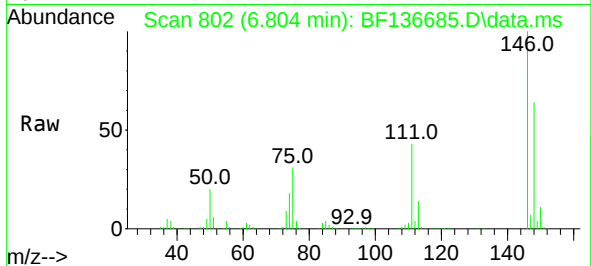
111 43.1 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#14

1,2-Dichlorobenzene

Concen: 39.568 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

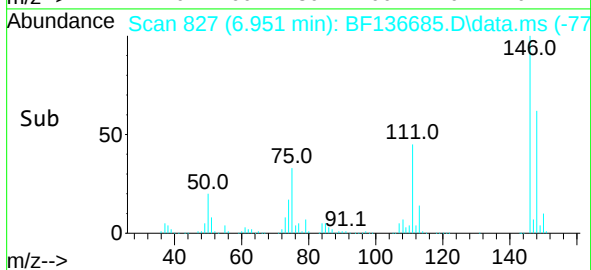
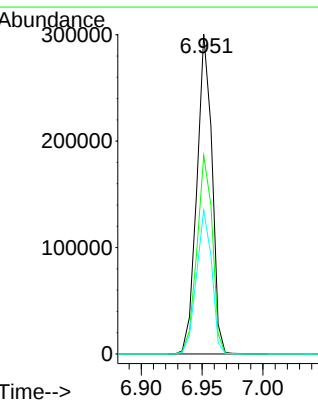
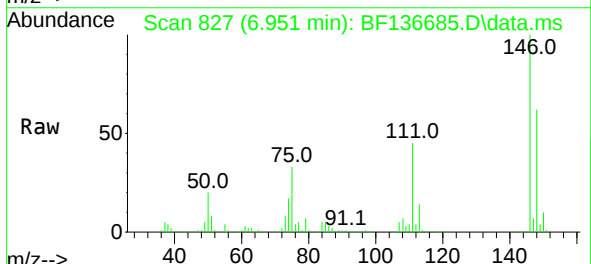
Tgt Ion:146 Resp: 258932

Ion Ratio Lower Upper

146 100

148 62.0 49.6 74.4

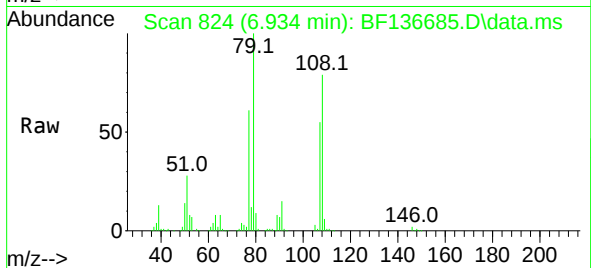
111 45.0 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.798 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

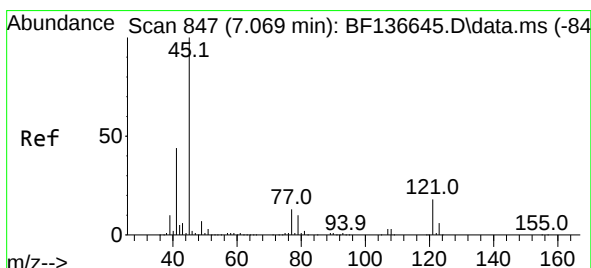
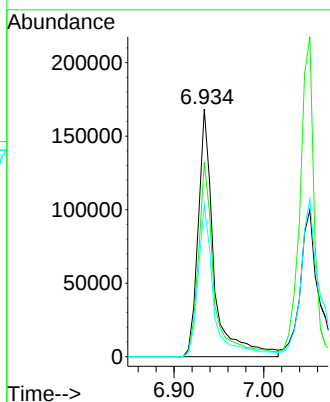
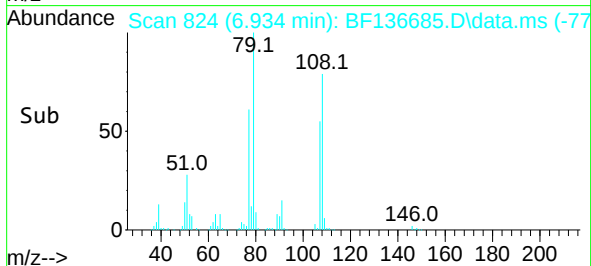
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



Tgt Ion: 79 Resp: 205620
Ion Ratio Lower Upper
79 100
108 78.6 61.0 91.6
77 61.4 49.8 74.8

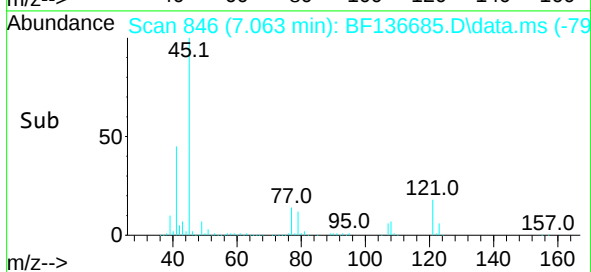
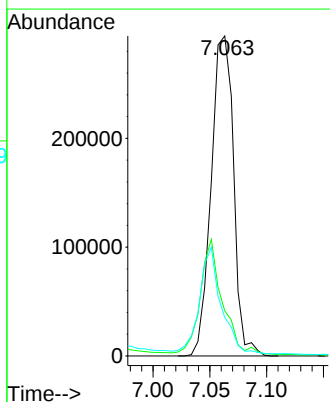
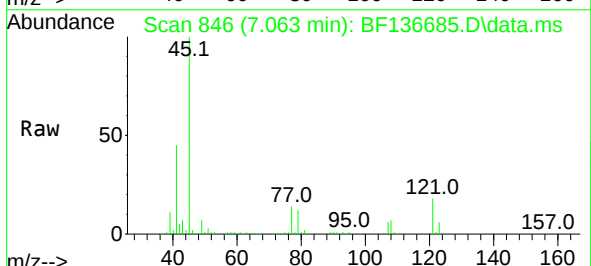
Manual Integrations
APPROVED

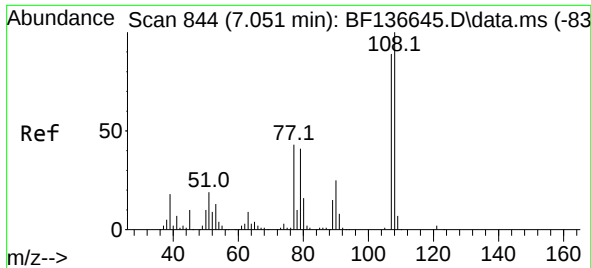
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.676 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

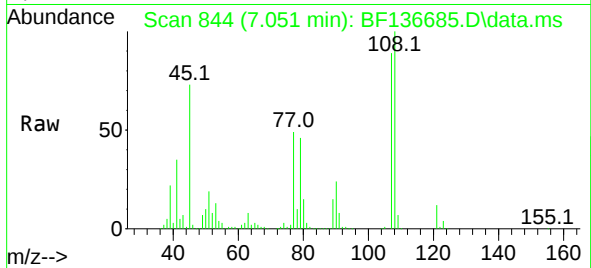
Tgt Ion: 45 Resp: 403323
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.3
79 12.0 0.0 31.4





#17
2-Methylphenol
Concen: 40.525 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

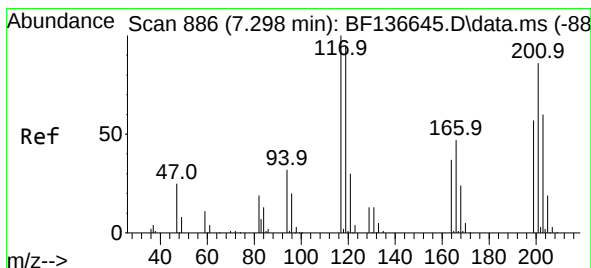
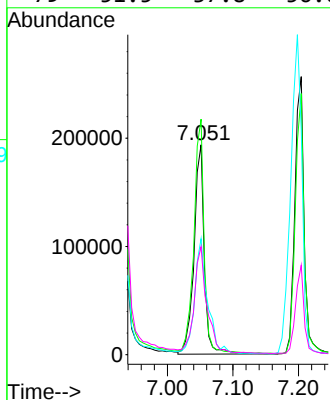
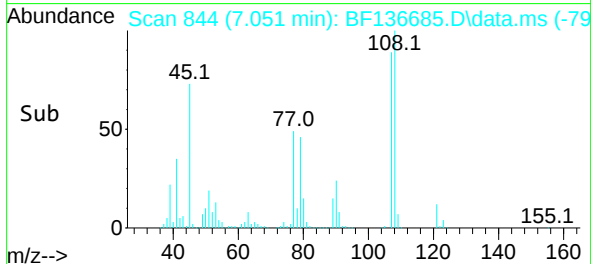
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



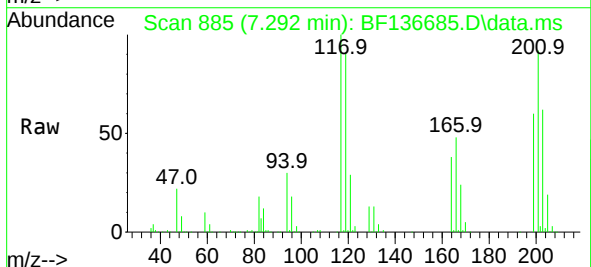
Tgt Ion:107 Resp: 21181
Ion Ratio Lower Upper
107 100
108 112.2 90.3 135.5
77 55.2 38.7 58.1
79 51.5 37.8 56.6

Manual Integrations
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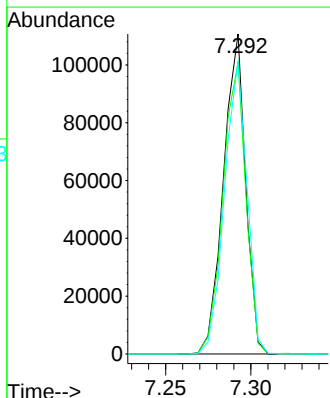
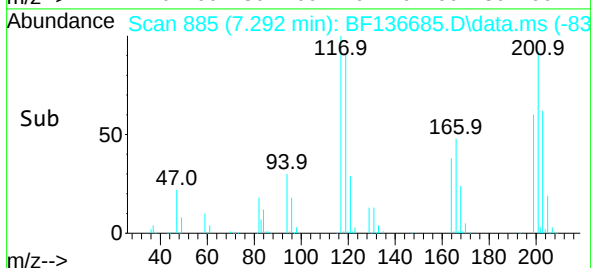
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#18
Hexachloroethane
Concen: 39.213 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



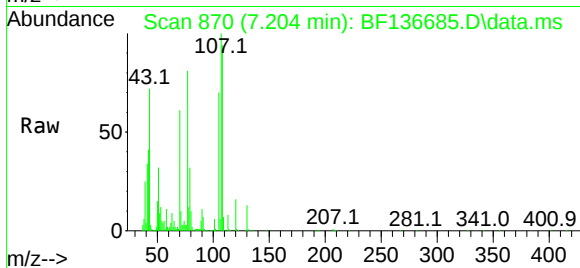
Tgt Ion:117 Resp: 100151
Ion Ratio Lower Upper
117 100
119 91.2 75.8 113.6
201 91.5 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.417 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

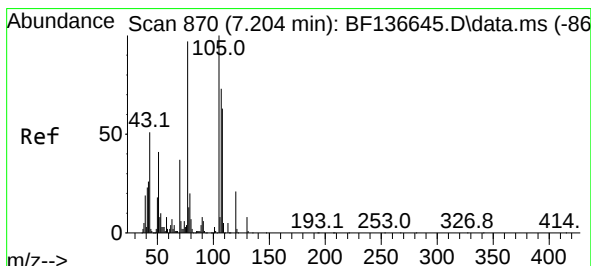
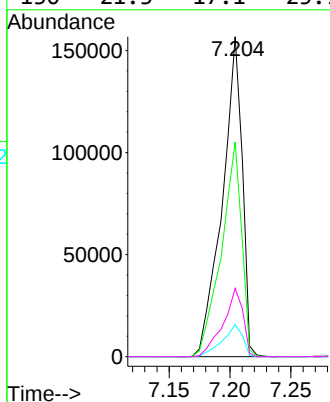
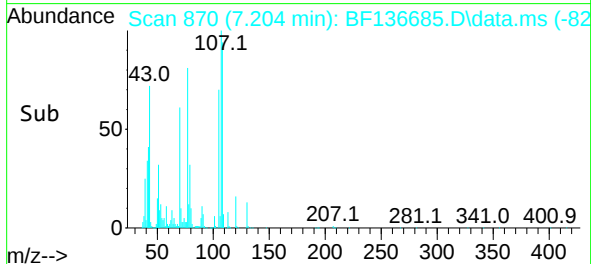
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



Tgt Ion: 70 Resp: 17850
Ion Ratio Lower Upper
70 100
42 67.1 54.2 81.4
101 10.1 7.6 11.4
130 21.3 17.1 25.7

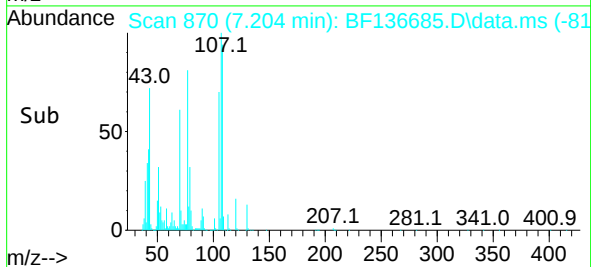
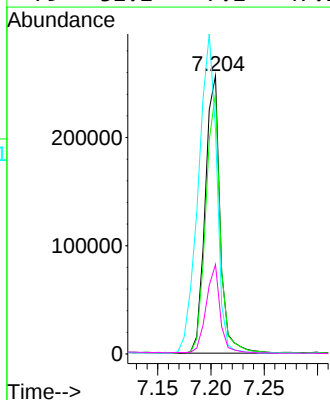
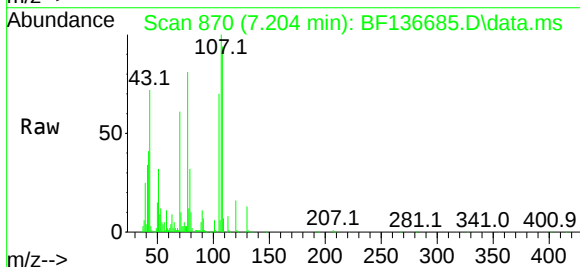
Manual Integrations
APPROVED

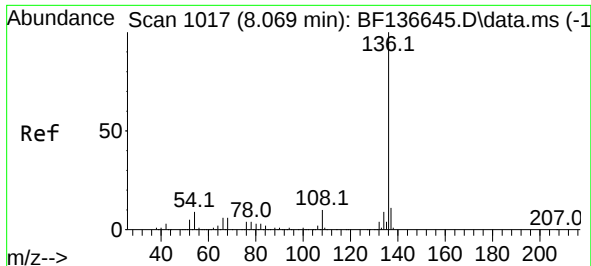
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#20
3+4-Methylphenols
Concen: 38.445 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Tgt Ion:107 Resp: 251041
Ion Ratio Lower Upper
107 100
108 93.9 66.0 106.0
77 80.8 114.2 154.2#
79 32.2 7.2 47.2





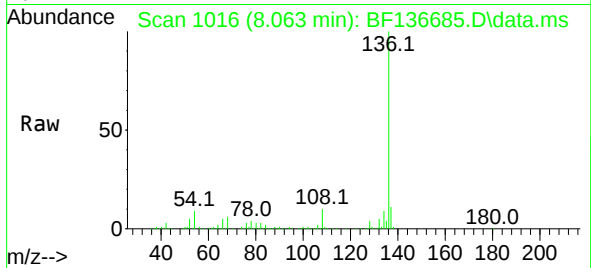
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

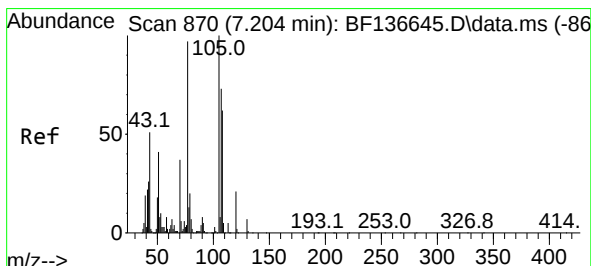
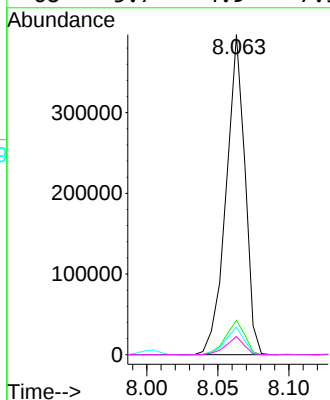
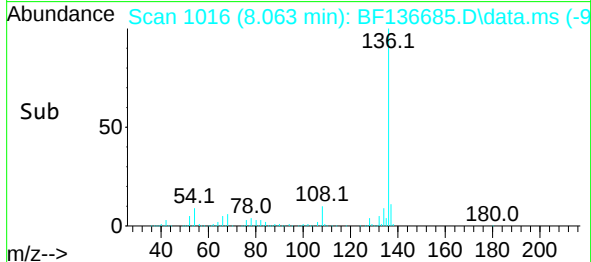


Tgt Ion:136 Resp: 364310
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.6 7.2 10.8
68 5.7 4.9 7.3

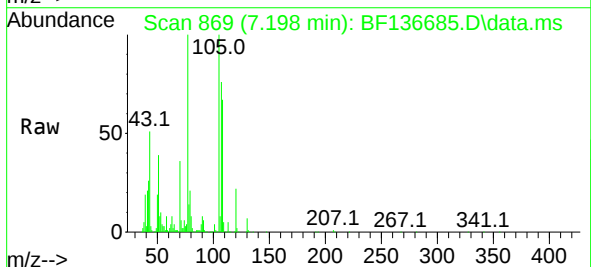
Manual Integrations

APPROVED

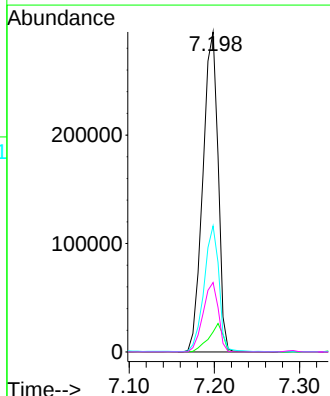
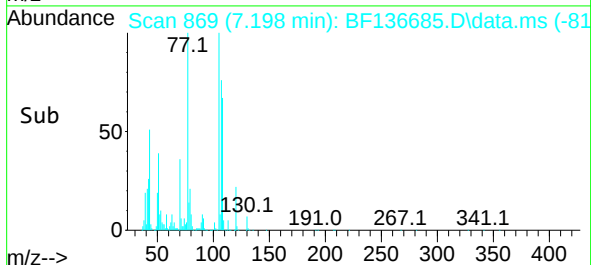
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

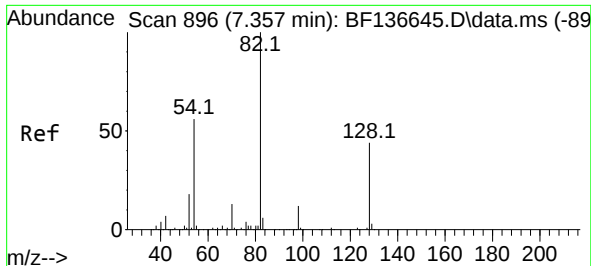


#22
Acetophenone
Concen: 40.083 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:105 Resp: 366016
Ion Ratio Lower Upper
105 100
71 6.3 4.8 7.2
51 39.4 32.8 49.2
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 75.374 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion: 82 Resp: 53663

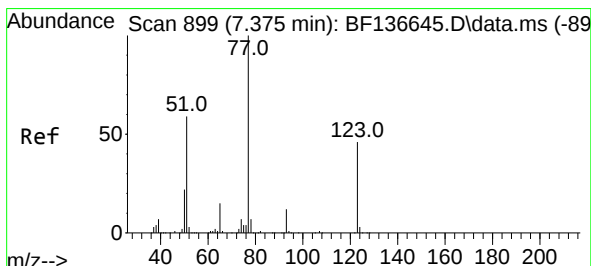
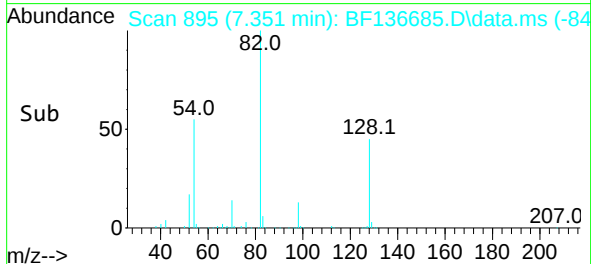
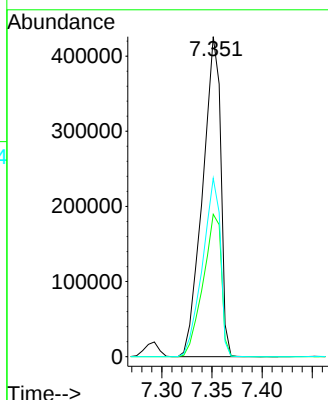
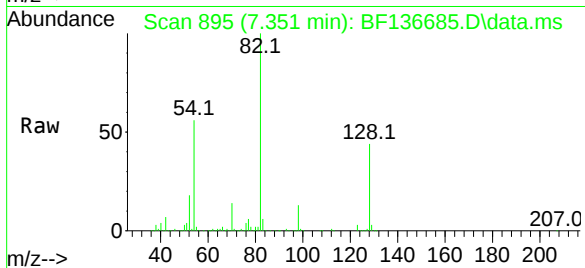
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.3	52.9
54	55.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#24

Nitrobenzene

Concen: 38.608 ng

RT: 7.369 min Scan# 898

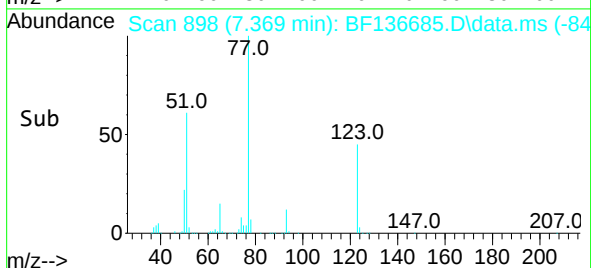
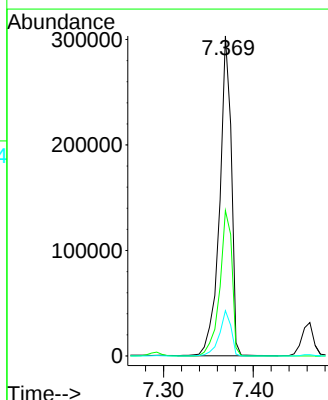
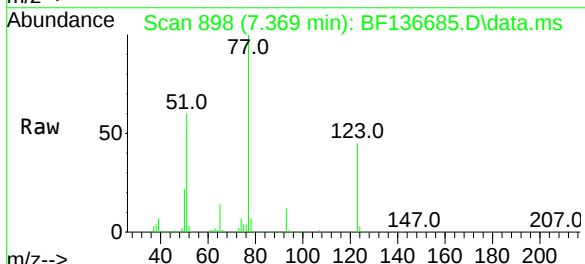
Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Tgt Ion: 77 Resp: 275347

Ion	Ratio	Lower	Upper
77	100		
123	45.4	36.7	55.1
65	14.2	11.8	17.6





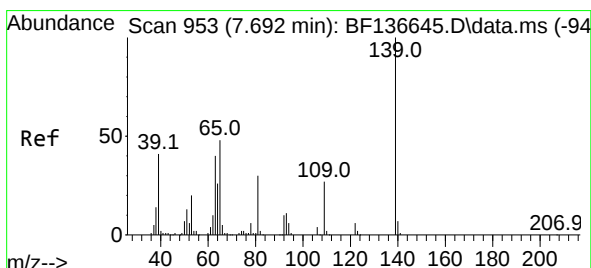
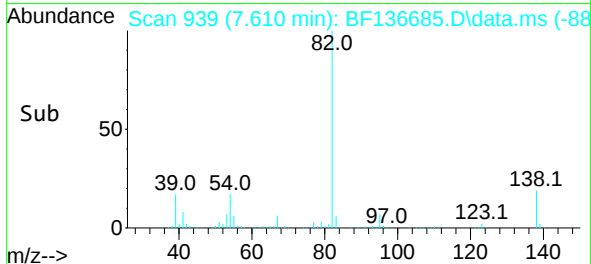
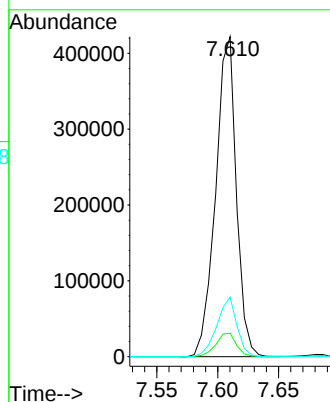
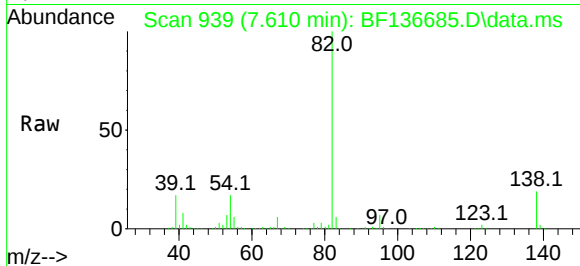
#25
Isophorone
Concen: 38.530 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157714BSD

Tgt Ion: 82 Resp: 499152
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.6 14.5 21.7

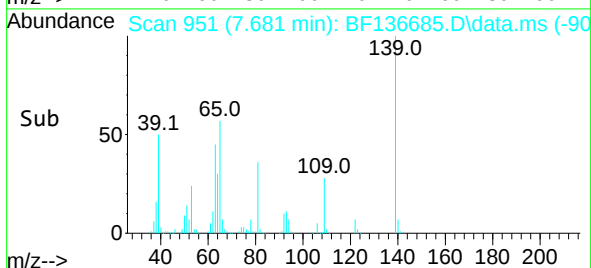
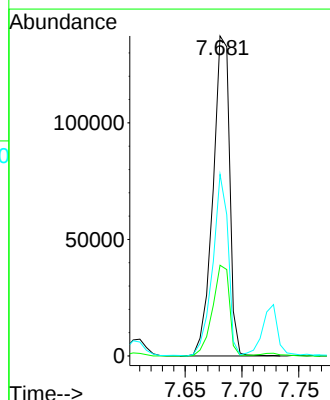
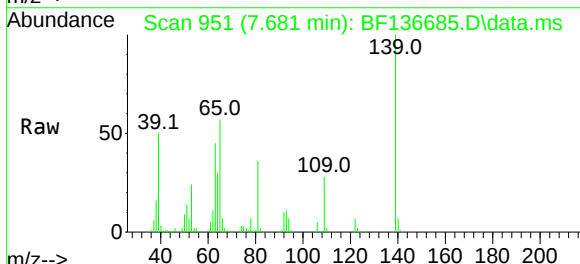
Manual Integrations
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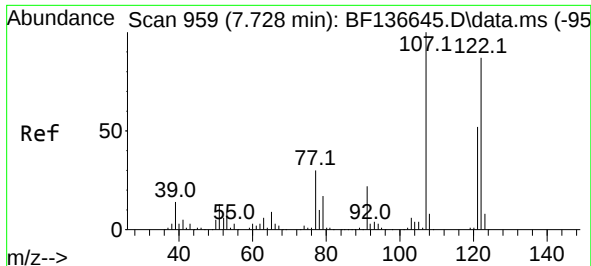
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#26
2-Nitrophenol
Concen: 41.175 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Tgt Ion:139 Resp: 140499
Ion Ratio Lower Upper
139 100
109 28.3 21.9 32.9
65 56.7 38.6 58.0





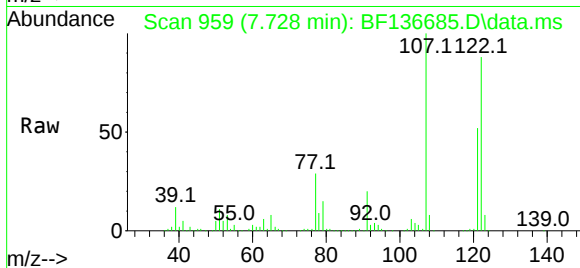
#27
2,4-Dimethylphenol
Concen: 50.241 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

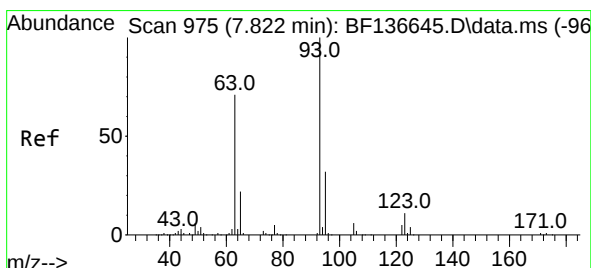
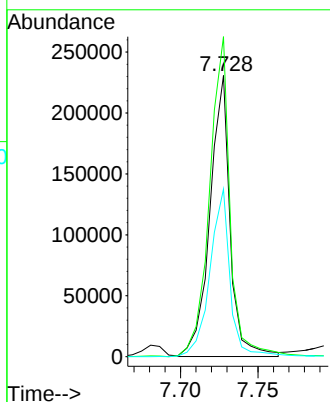
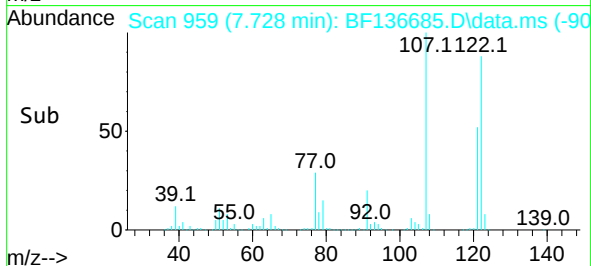
PB157714BSD



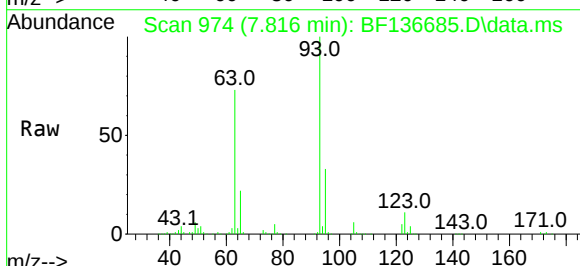
Tgt Ion:122 Resp: 208709
Ion Ratio Lower Upper
122 100
107 113.8 92.0 138.0
121 59.6 47.5 71.3

Manual Integrations
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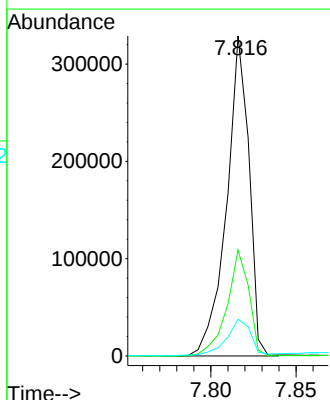
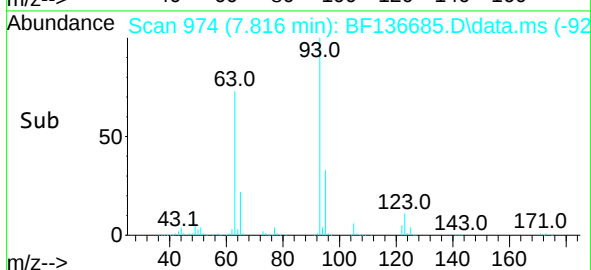
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.013 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion: 93 Resp: 299335
Ion Ratio Lower Upper
93 100
95 33.1 25.5 38.3
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.684 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136685.D

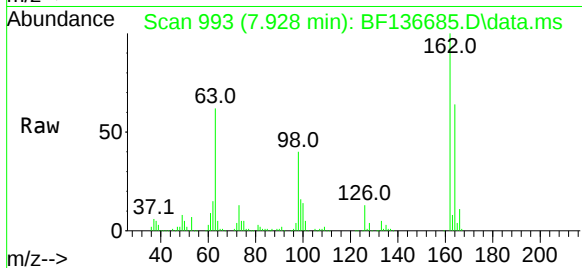
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD



Tgt Ion:162 Resp: 20688

Ion Ratio Lower Upper

162 100

164 64.1 41.7 81.7

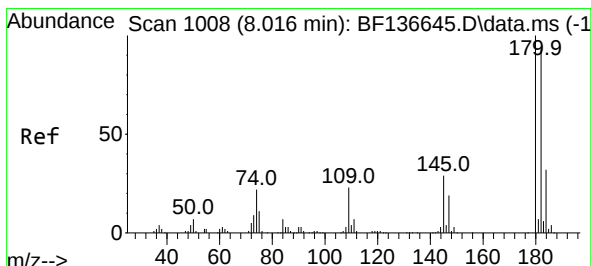
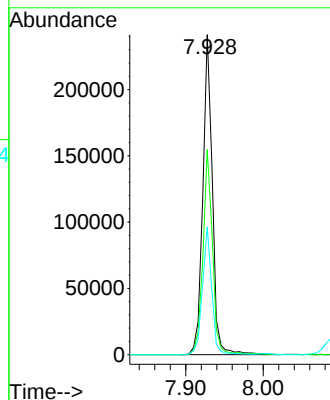
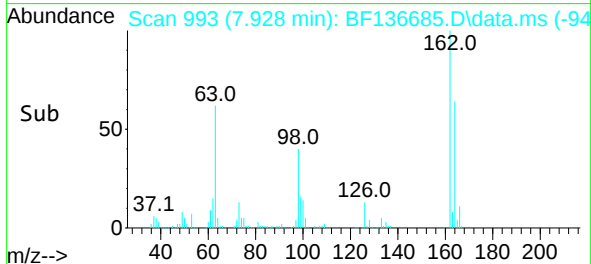
98 39.9 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.426 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

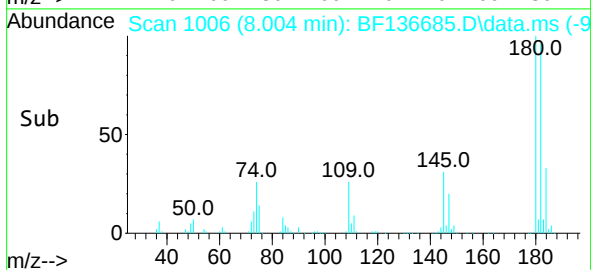
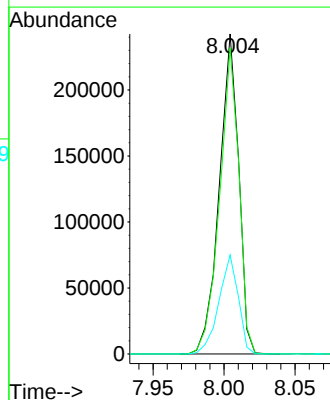
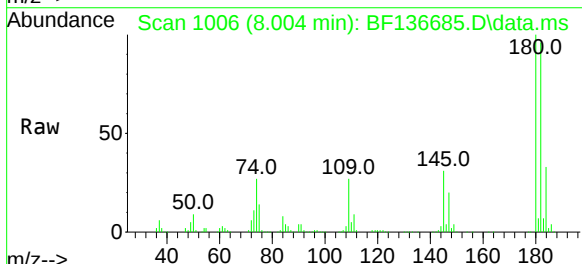
Tgt Ion:180 Resp: 228976

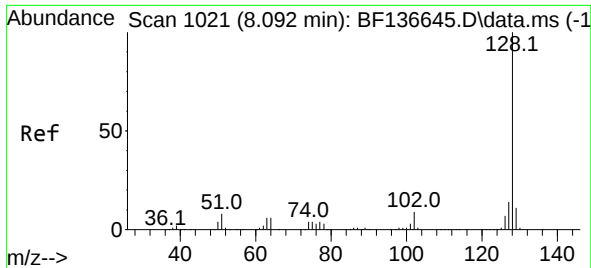
Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

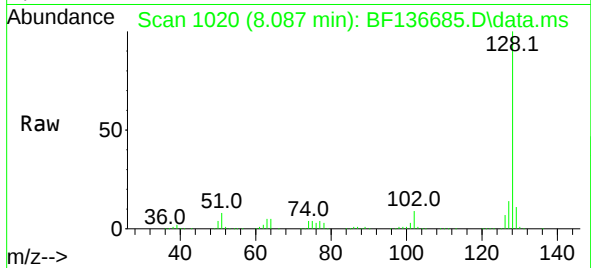
145 30.9 23.1 34.7





#31
Naphthalene
Concen: 38.129 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

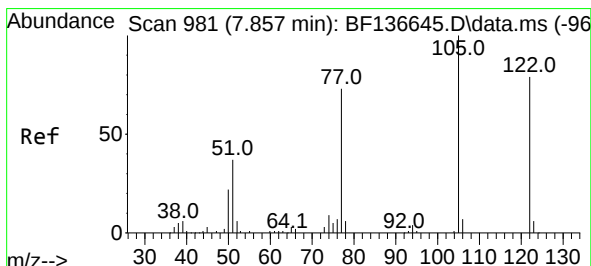
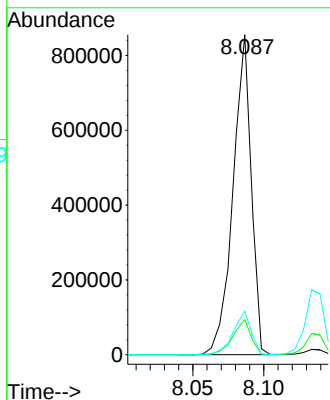
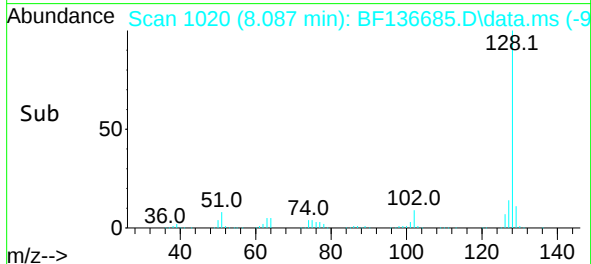
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



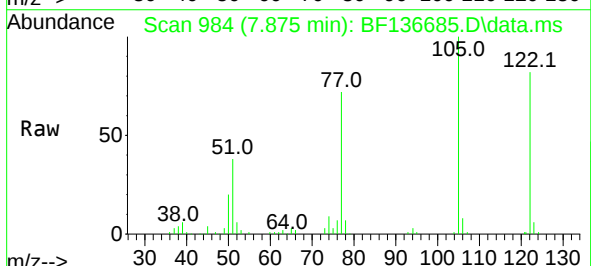
Tgt Ion:128 Resp: 763129
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.8 16.2

Manual Integrations
APPROVED

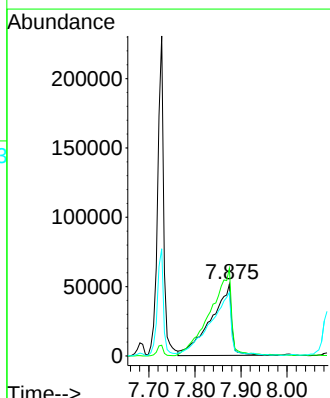
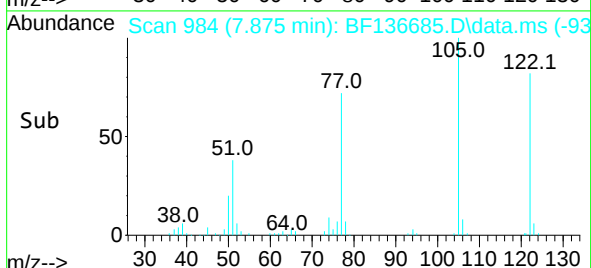
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

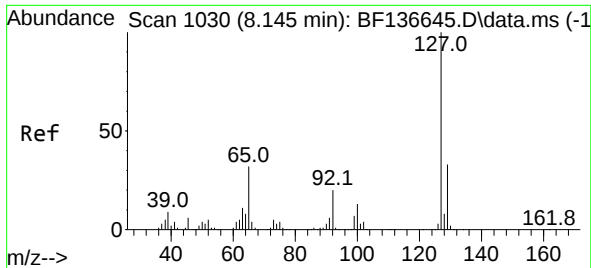


#32
Benzoic acid
Concen: 40.234 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:122 Resp: 161718
Ion Ratio Lower Upper
122 100
105 122.0 100.8 140.8
77 88.4 70.9 110.9





#33
4-Chloroaniline
Concen: 23.329 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

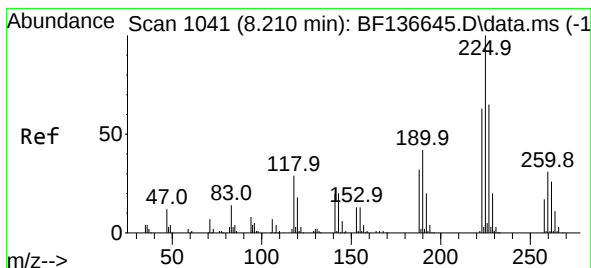
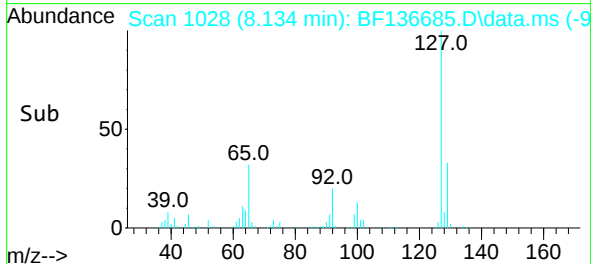
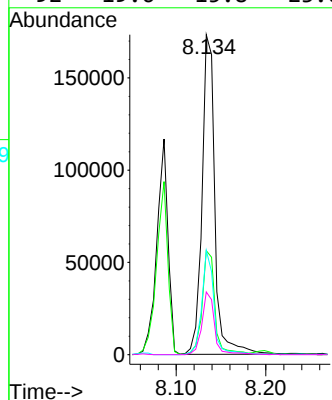
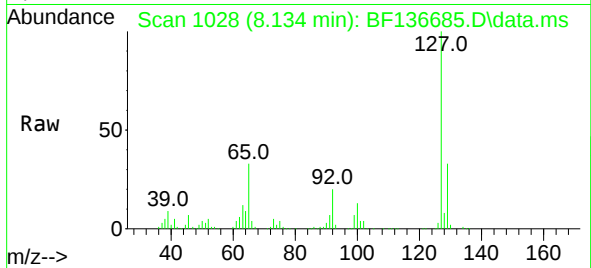
PB157714BSD

Tgt Ion:	127	Resp:	172394
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.3	39.5
65	32.6	25.8	38.8
92	19.6	15.8	23.6

Manual Integrations

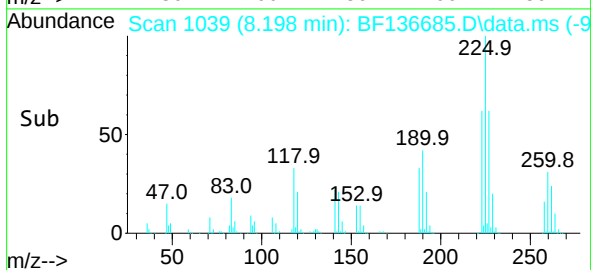
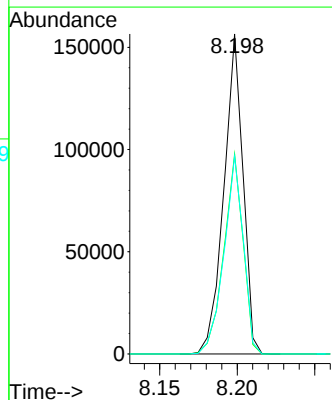
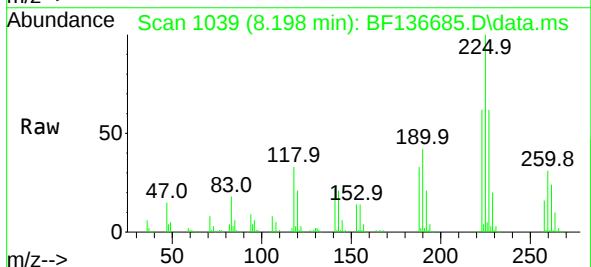
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#34
Hexachlorobutadiene
Concen: 37.113 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

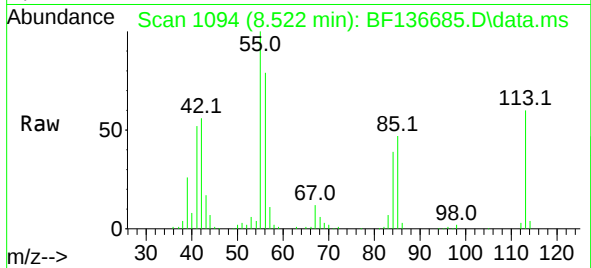
Tgt Ion:	225	Resp:	134364
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.6	76.0
227	61.8	51.9	77.9





#35
Caprolactam
Concen: 39.492 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

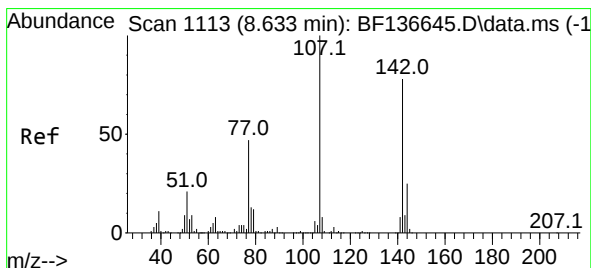
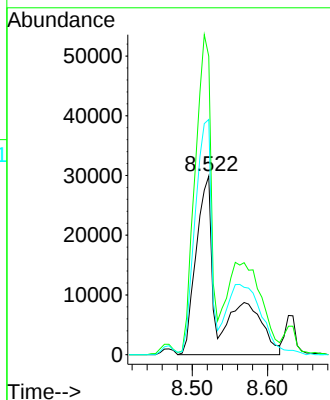
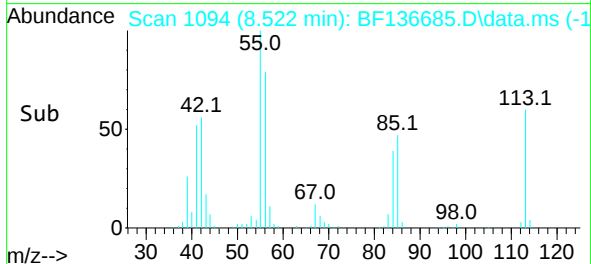
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



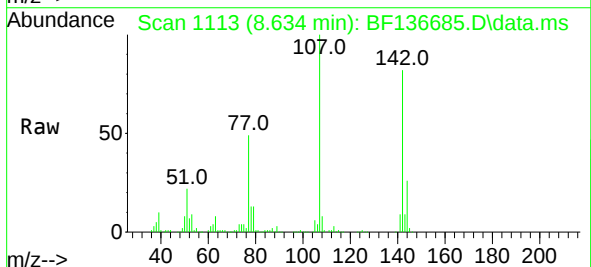
Tgt Ion:113 Resp: 6967
Ion Ratio Lower Upper
113 100
55 167.1 163.1 203.1
56 131.6 121.7 161.7

Manual Integrations
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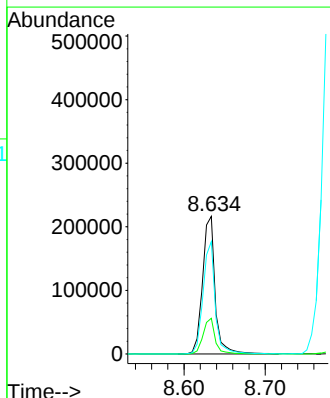
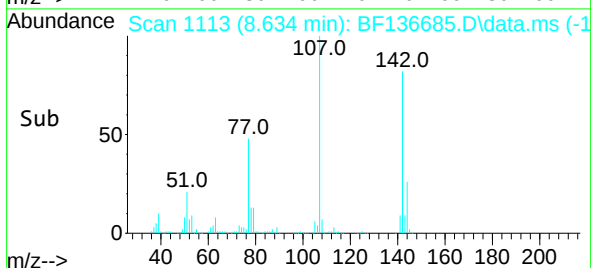
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

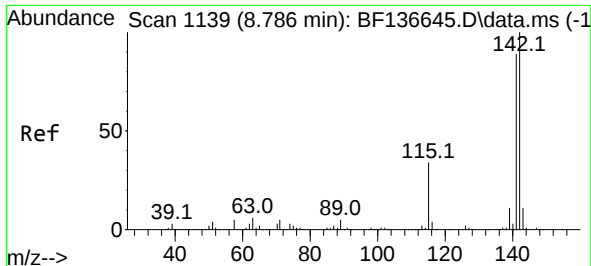


#36
4-Chloro-3-methylphenol
Concen: 38.653 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:107 Resp: 232723
Ion Ratio Lower Upper
107 100
144 25.9 20.2 30.2
142 81.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.685 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion:142 Resp: 485408

Ion Ratio Lower Upper

142 100

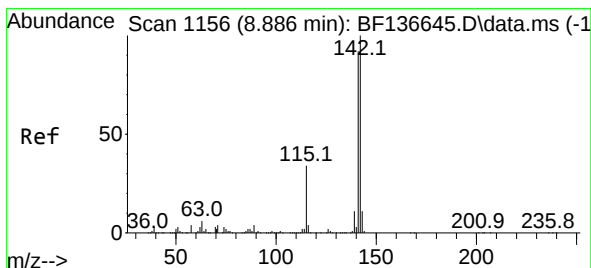
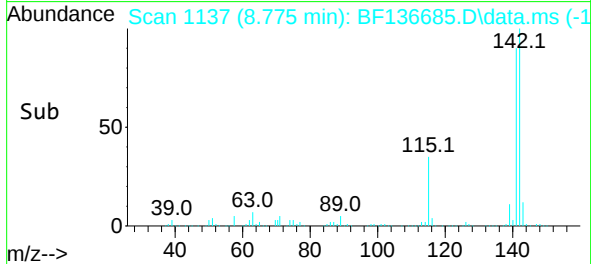
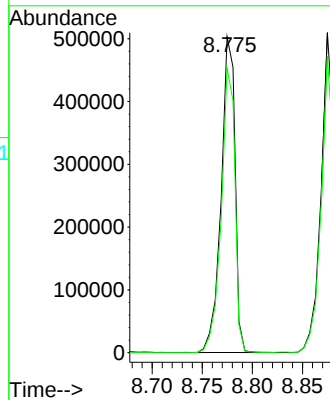
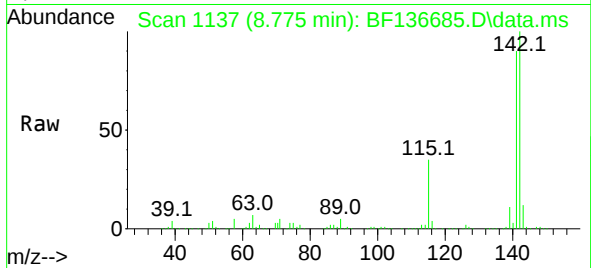
141 90.1 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#38

1-Methylnaphthalene

Concen: 36.422 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136685.D

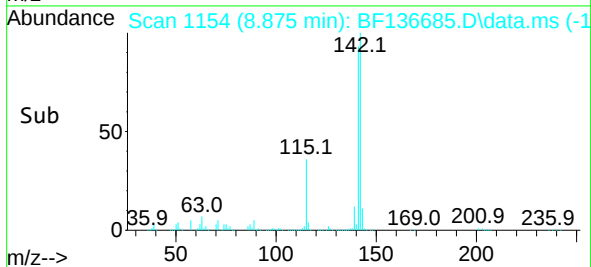
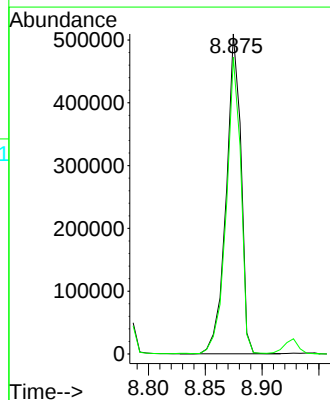
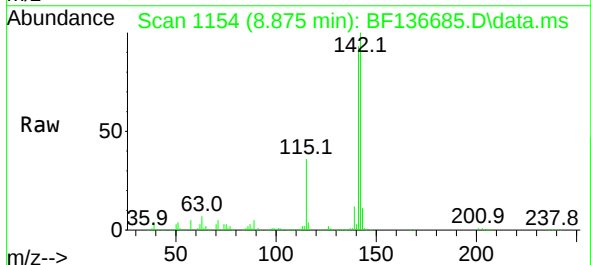
Acq: 22 Dec 2023 14:29

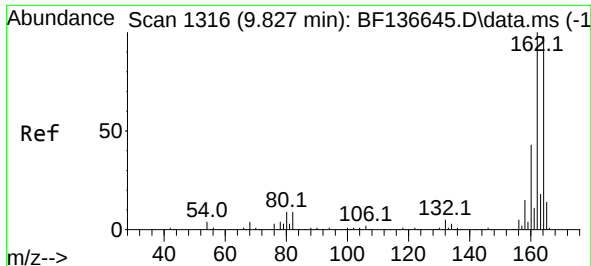
Tgt Ion:142 Resp: 460274

Ion Ratio Lower Upper

142 100

141 92.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF136685.D

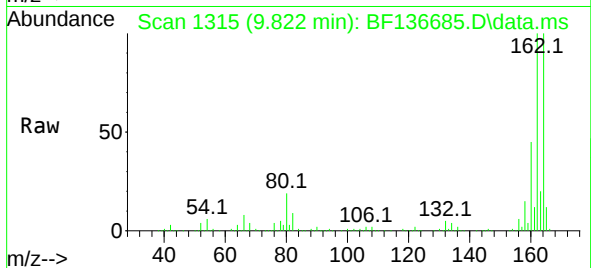
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD



Tgt Ion:164 Resp: 185809

Ion Ratio Lower Upper

164 100

162 100.1 81.6 122.4

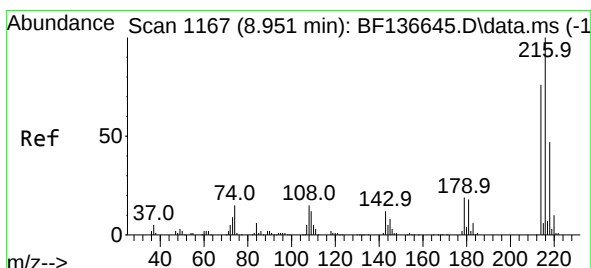
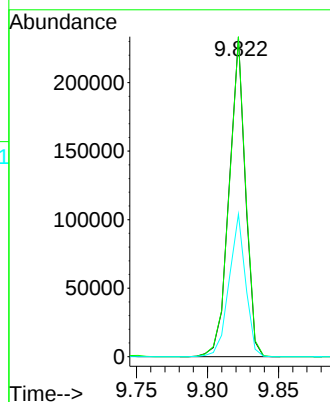
160 44.6 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.039 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Tgt Ion:216 Resp: 230400

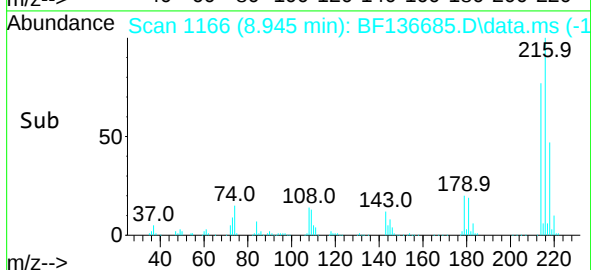
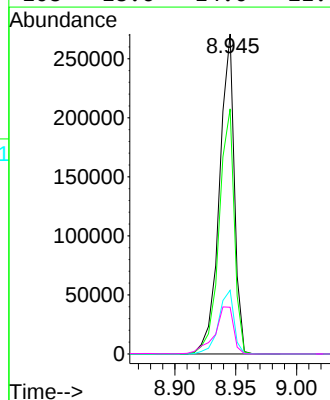
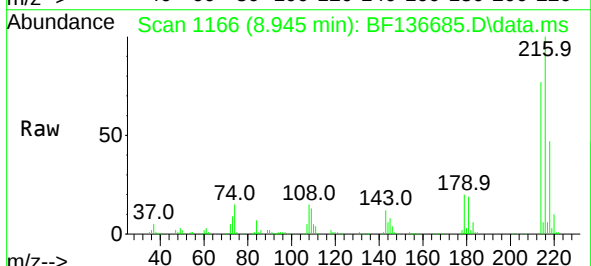
Ion Ratio Lower Upper

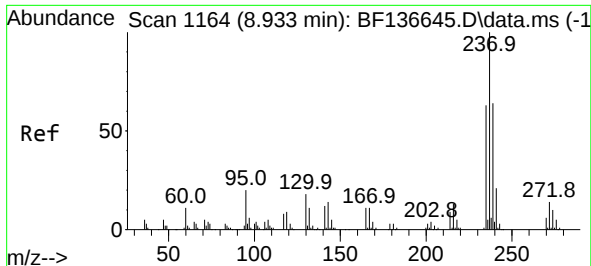
216 100

214 78.0 62.3 93.5

179 20.4 16.4 24.6

108 18.6 14.0 21.0





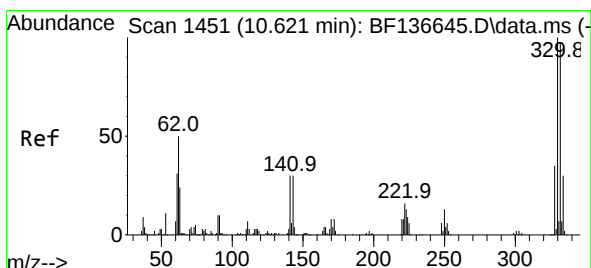
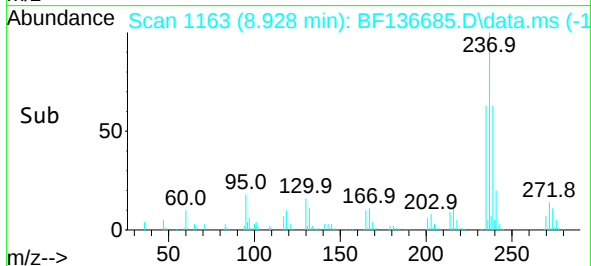
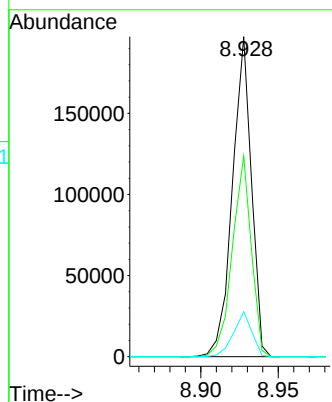
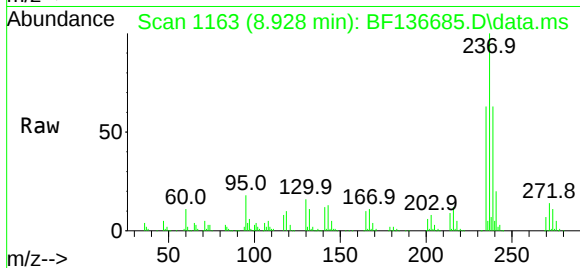
#41
Hexachlorocyclopentadiene
Concen: 90.856 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157714BSD

Tgt Ion:237 Resp: 167998
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 14.0 0.0 34.2

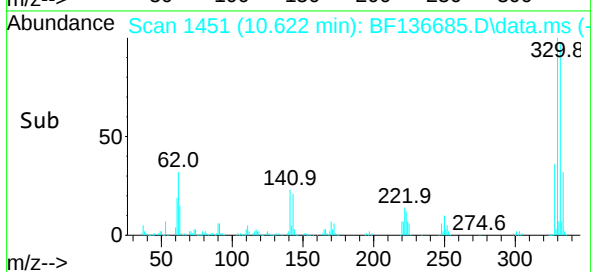
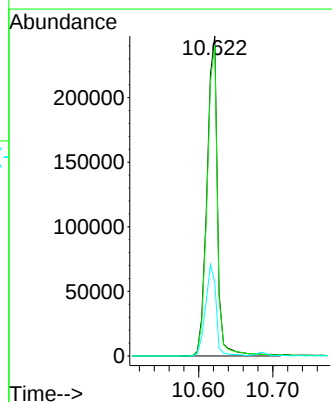
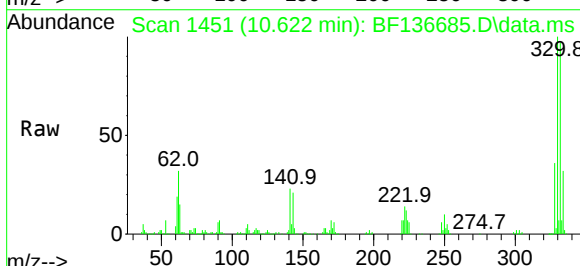
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#42
2,4,6-Tribromophenol
Concen: 111.773 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Tgt Ion:330 Resp: 244595
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 28.9 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.234 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion:196 Resp: 148479

Ion Ratio Lower Upper

196 100

198 94.2 75.1 112.7

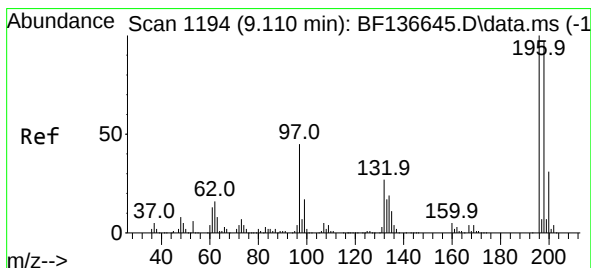
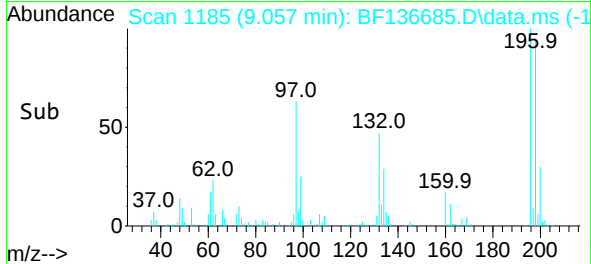
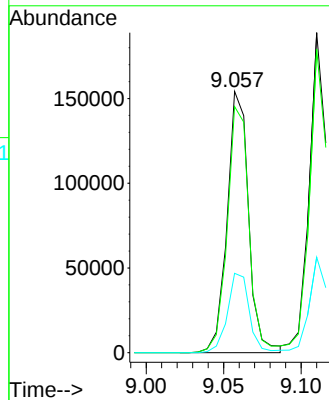
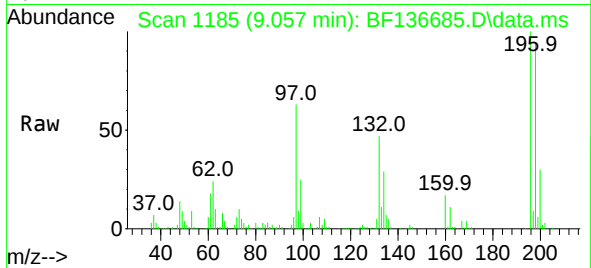
200 30.4 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#44

2,4,5-Trichlorophenol

Concen: 39.272 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Tgt Ion:196 Resp: 161505

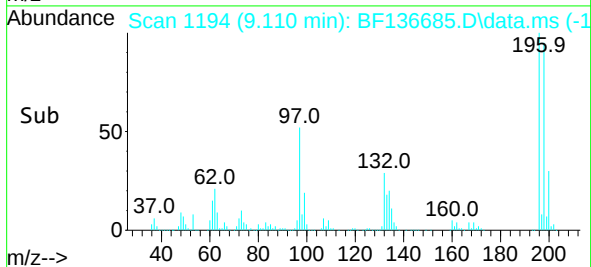
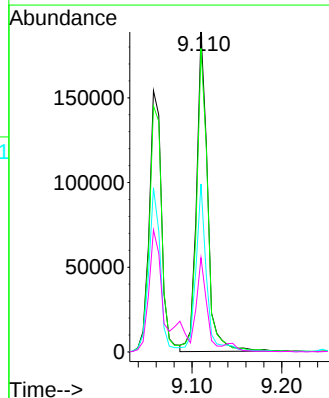
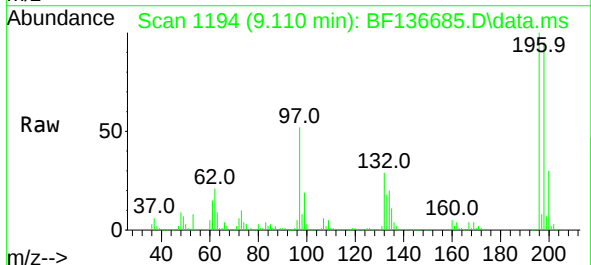
Ion Ratio Lower Upper

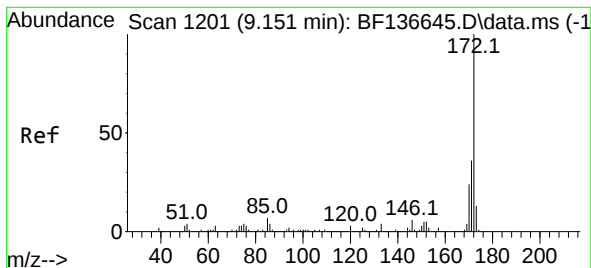
196 100

198 94.8 77.0 115.6

97 52.5 36.1 54.1

132 29.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.689 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion:172 Resp: 100419

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

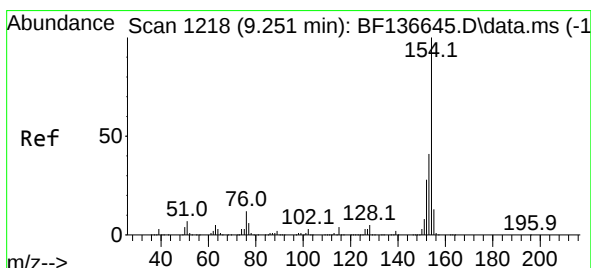
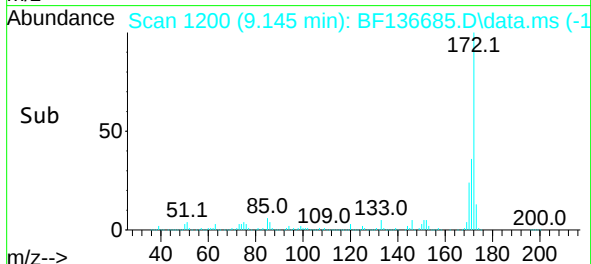
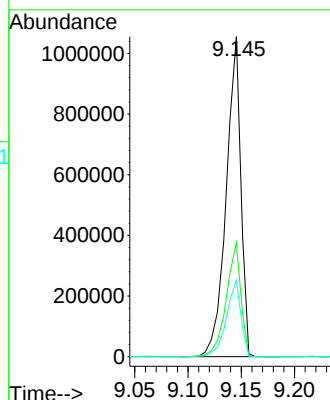
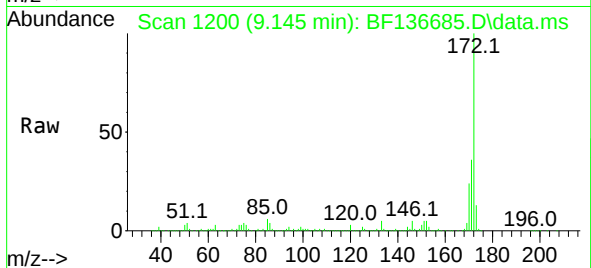
170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#46

1,1'-Biphenyl

Concen: 38.638 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

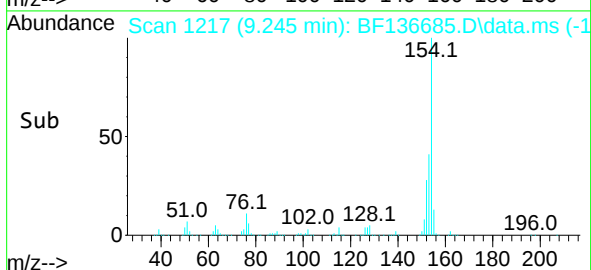
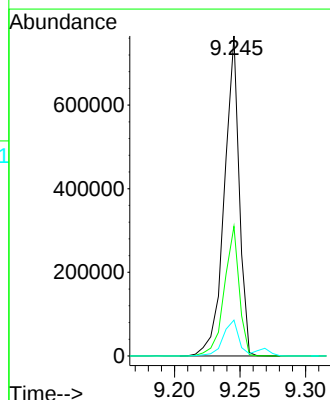
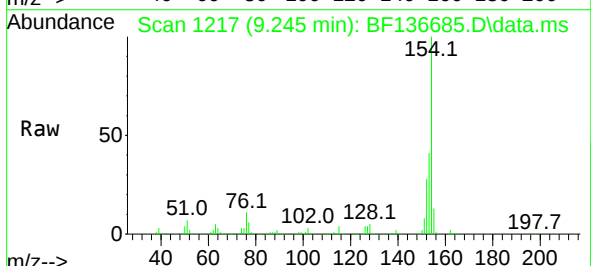
Tgt Ion:154 Resp: 602452

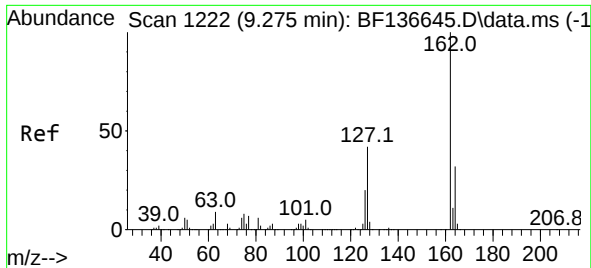
Ion Ratio Lower Upper

154 100

153 40.5 21.1 61.1

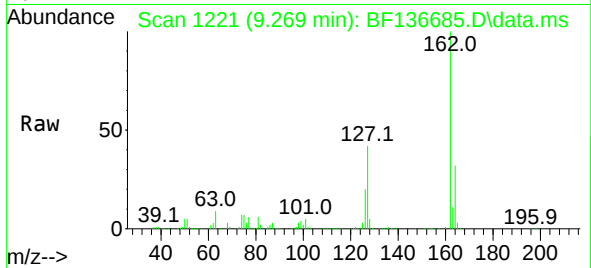
76 11.2 0.0 31.7





#47
2-Chloronaphthalene
Concen: 38.880 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

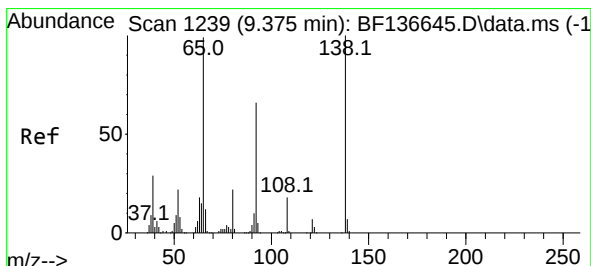
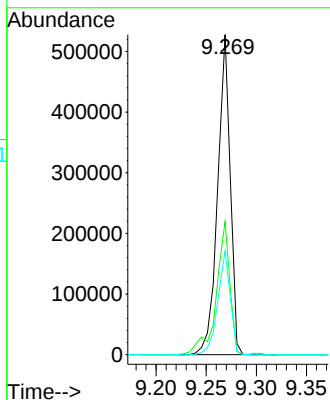
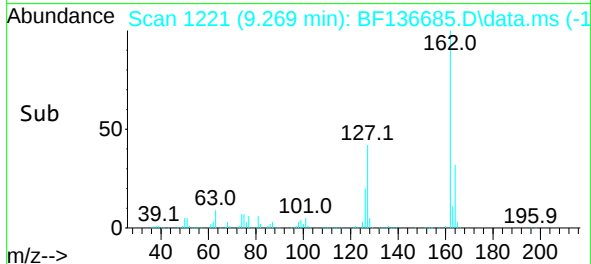
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



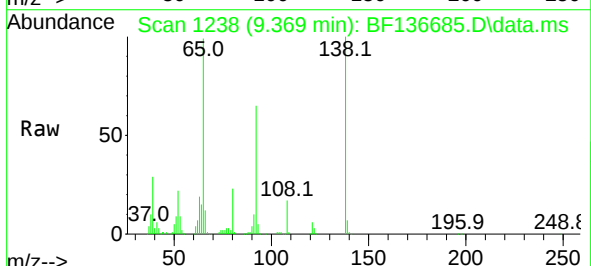
Tgt Ion:162 Resp: 46086
Ion Ratio Lower Upper
162 100
127 41.6 33.6 50.4
164 32.4 25.7 38.5

Manual Integrations
APPROVED

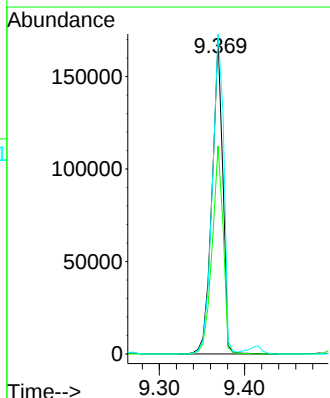
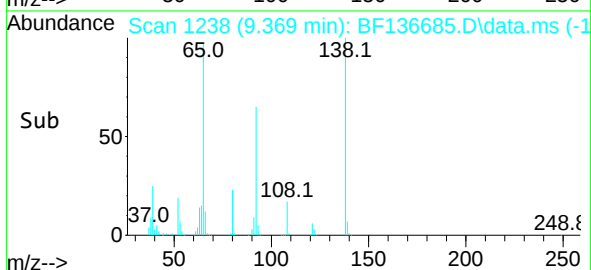
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

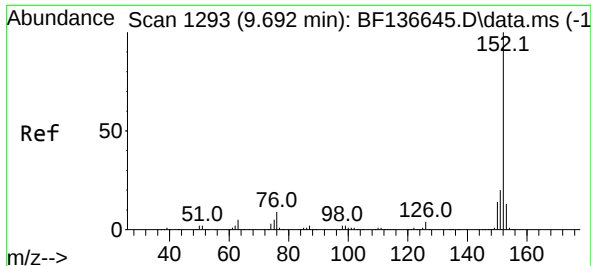


#48
2-Nitroaniline
Concen: 40.424 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion: 65 Resp: 150048
Ion Ratio Lower Upper
65 100
92 65.9 53.2 79.8
138 101.5 81.1 121.7





#49

Acenaphthylene

Concen: 40.676 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136685.D

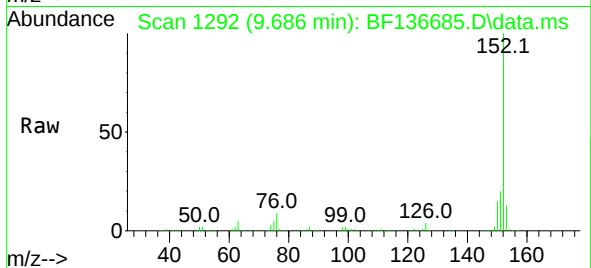
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD



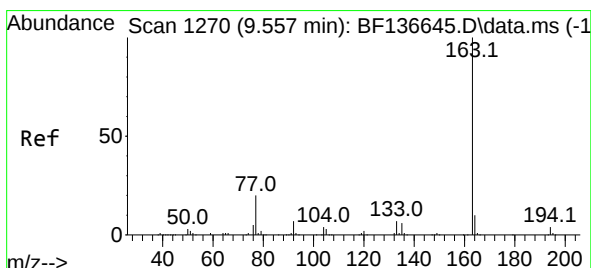
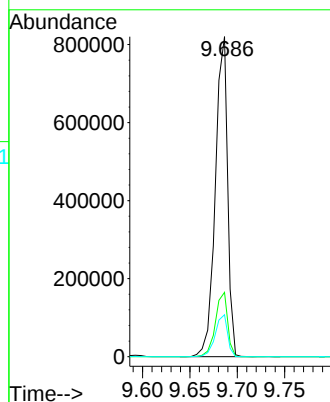
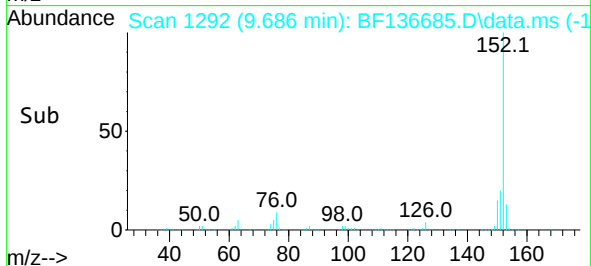
Tgt Ion:	152	Resp:	736958
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.1	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#50

Dimethylphthalate

Concen: 39.744 ng

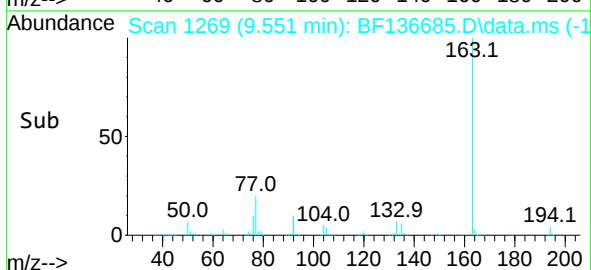
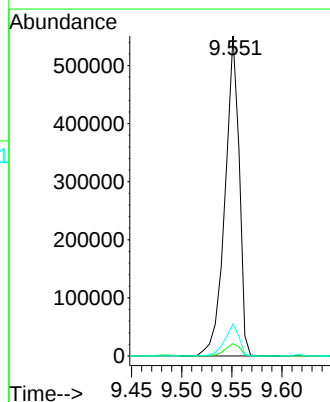
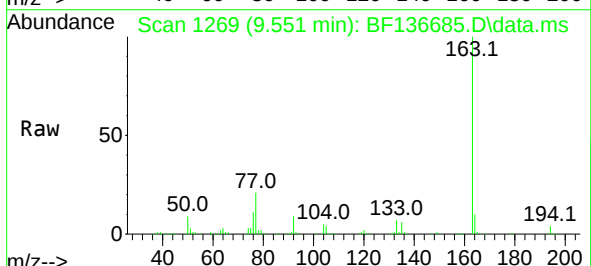
RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Tgt Ion:	163	Resp:	539405
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.3	4.9
164	10.0	7.8	11.6





#51

2,6-Dinitrotoluene

Concen: 38.340 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion:165 Resp: 11809

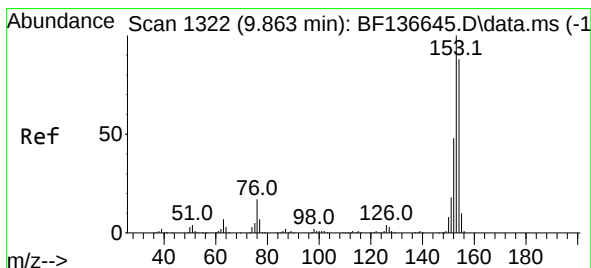
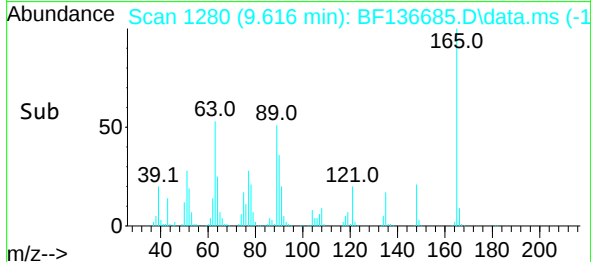
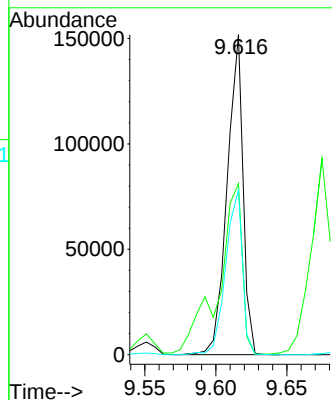
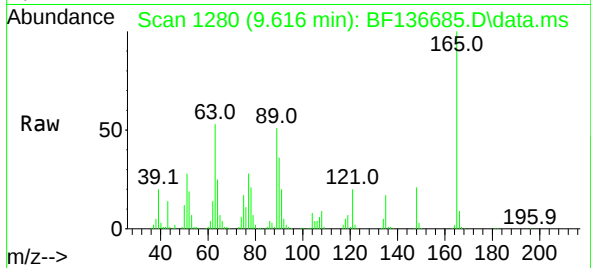
Ion	Ratio	Lower	Upper
165	100		
63	53.4	39.8	59.6
89	51.4	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#52

Acenaphthene

Concen: 38.053 ng

RT: 9.857 min Scan# 1321

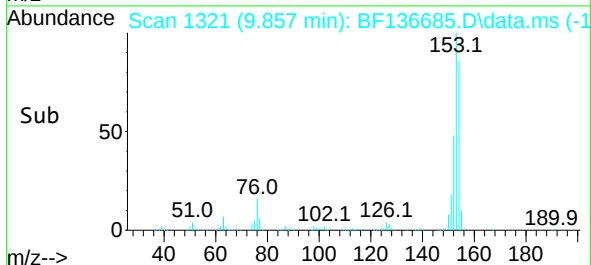
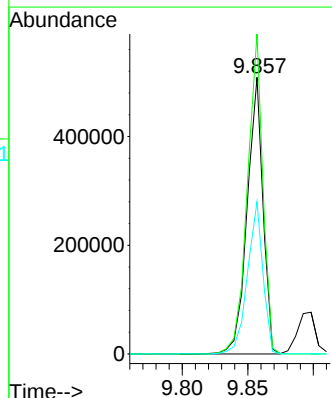
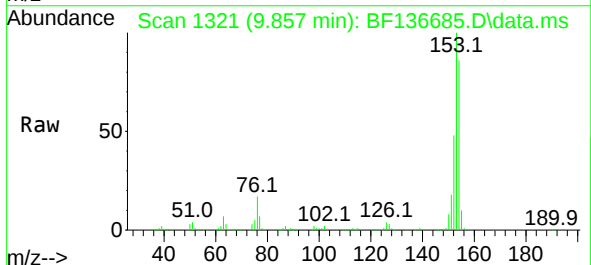
Delta R.T. -0.006 min

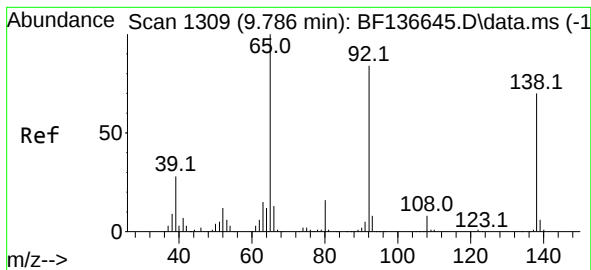
Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Tgt Ion:154 Resp: 427372

Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.7	136.1
152	55.1	43.7	65.5





#53

3-Nitroaniline

Concen: 32.051 ng

RT: 9.781 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

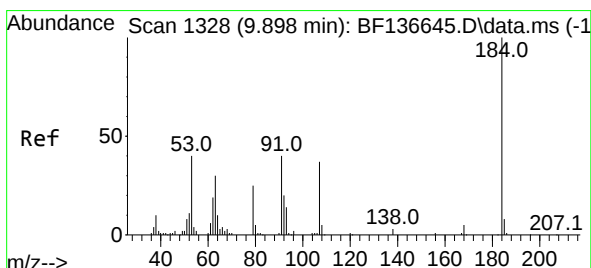
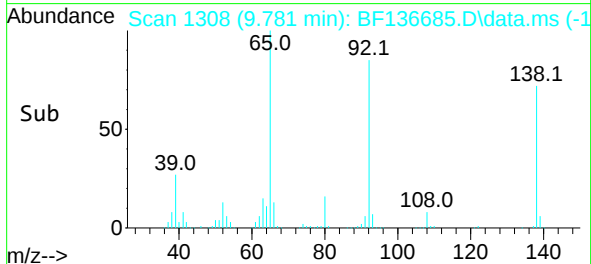
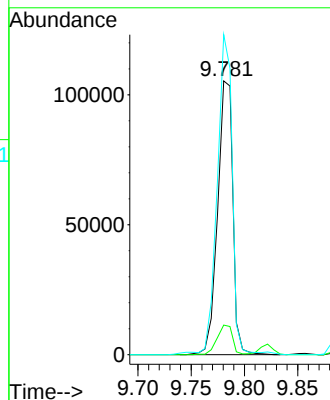
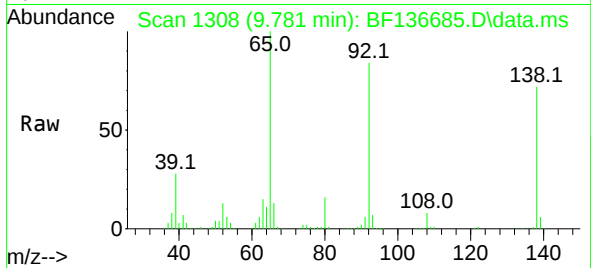
Tgt Ion:138 Resp: 104579
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.6 12.8
 92 116.9 95.2 142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#54

2,4-Dinitrophenol

Concen: 77.522 ng

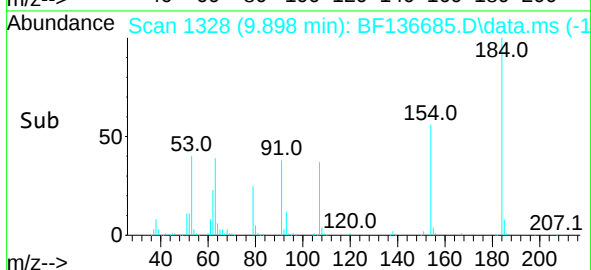
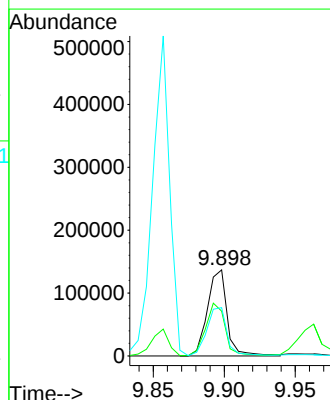
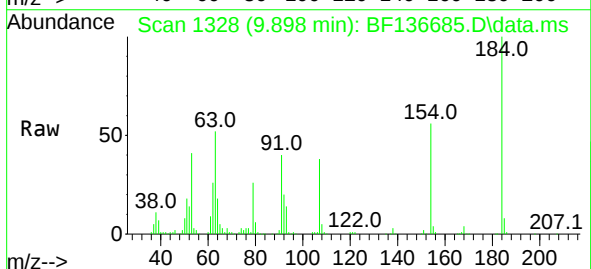
RT: 9.898 min Scan# 1328

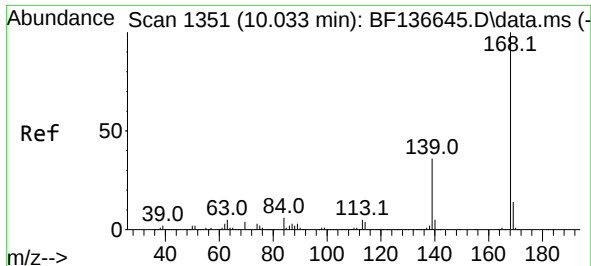
Delta R.T. 0.000 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

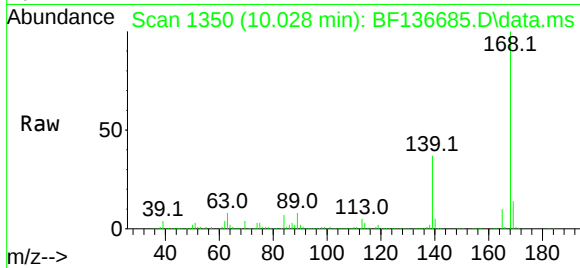
Tgt Ion:184 Resp: 132130
 Ion Ratio Lower Upper
 184 100
 63 52.1 40.9 61.3
 154 56.2 42.7 64.1





#55
Dibenzofuran
Concen: 38.593 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

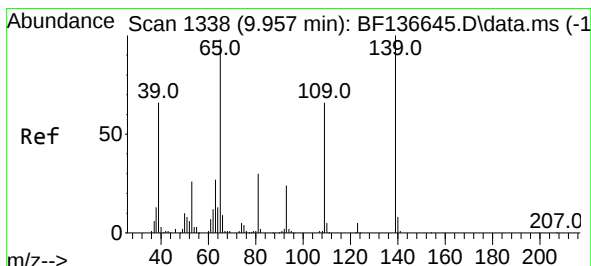
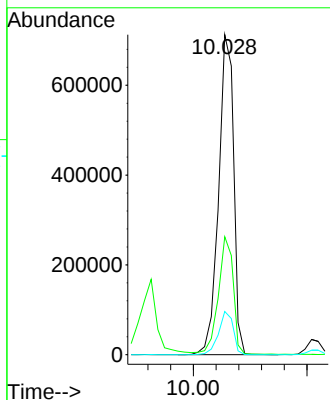
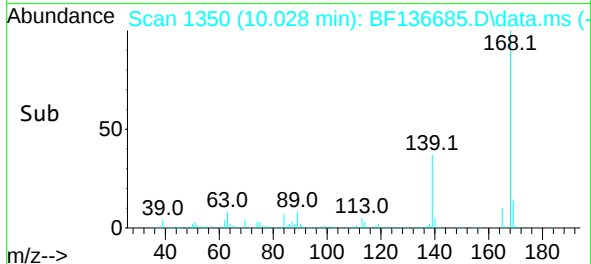
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



Tgt Ion:168 Resp: 65703
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.5 11.0 16.4

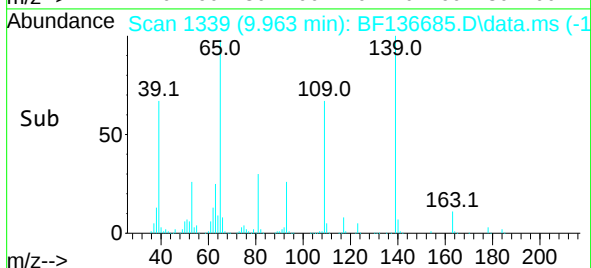
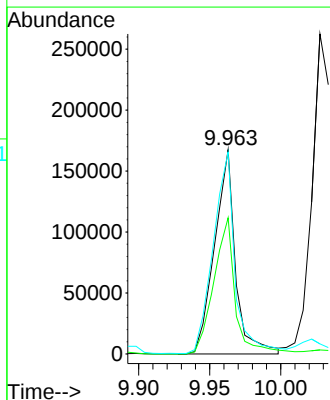
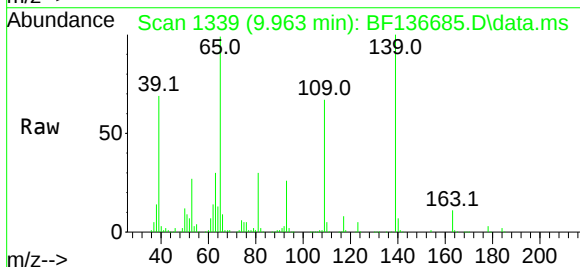
Manual Integrations
APPROVED

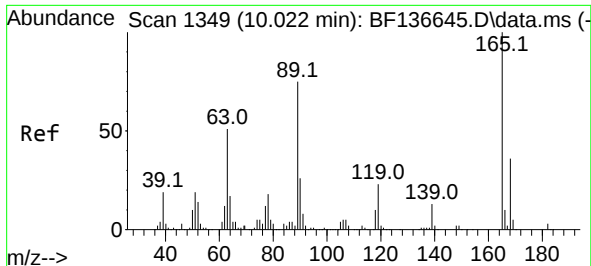
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#56
4-Nitrophenol
Concen: 77.792 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Tgt Ion:139 Resp: 171347
Ion Ratio Lower Upper
139 100
109 66.6 45.8 85.8
65 98.8 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 38.379 ng
RT: 10.022 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

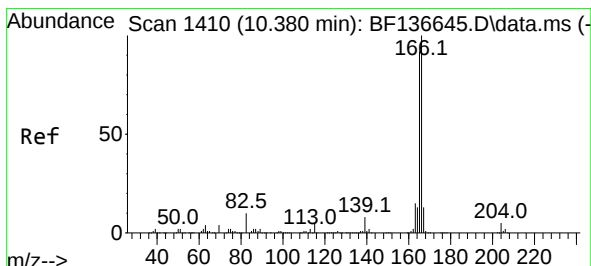
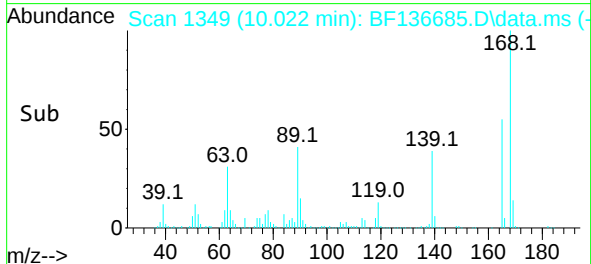
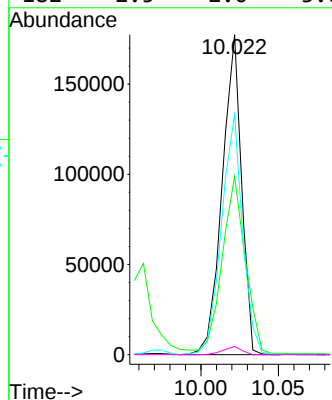
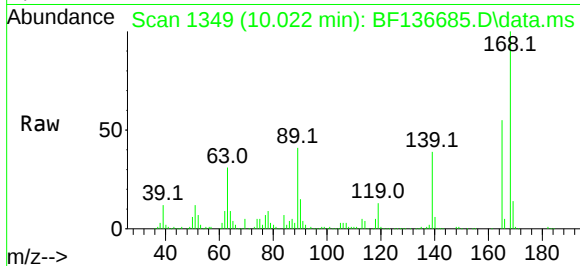
PB157714BSD

Tgt Ion:165 Resp: 15346
Ion Ratio Lower Upper
165 100
63 55.7 41.0 61.6
89 75.0 59.9 89.9
182 2.5 2.0 3.0

Manual Integrations

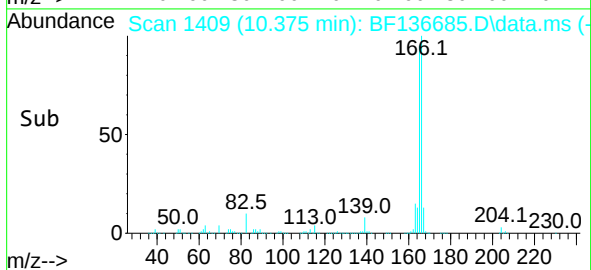
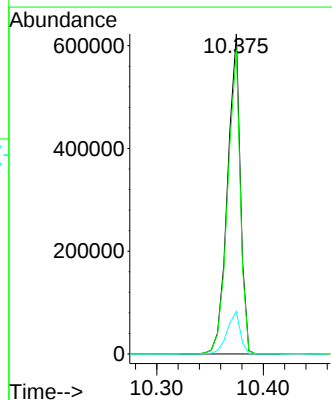
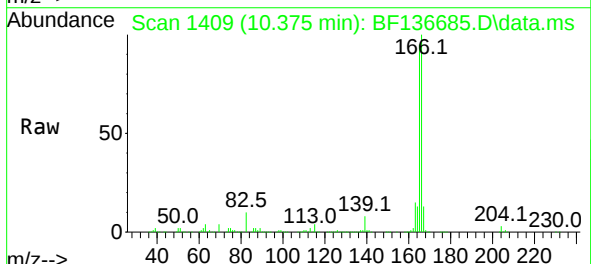
APPROVED

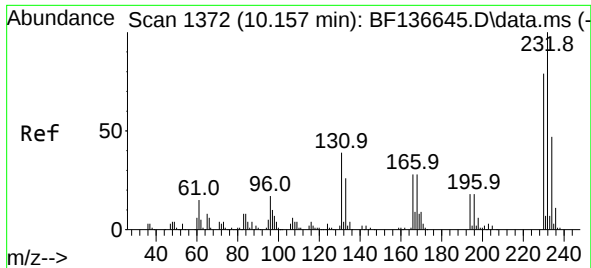
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#58
Fluorene
Concen: 38.366 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

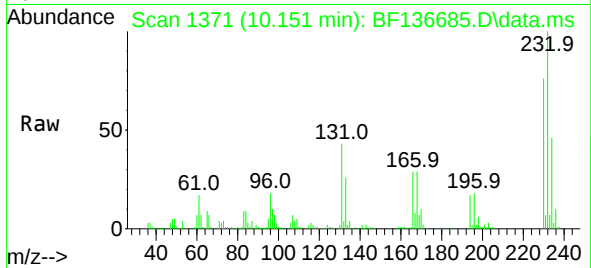
Tgt Ion:166 Resp: 518252
Ion Ratio Lower Upper
166 100
165 94.9 73.7 110.5
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.301 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

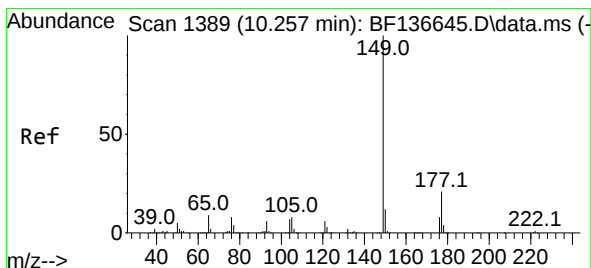
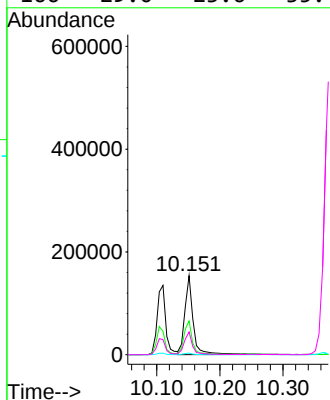
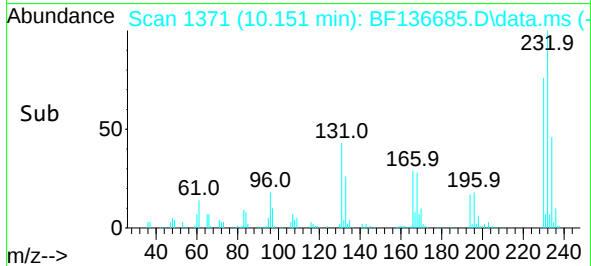
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



Tgt Ion:232 Resp: 14024
Ion Ratio Lower Upper
232 100
131 44.3 35.1 52.7
130 2.1 1.6 2.4
166 29.0 23.6 35.4

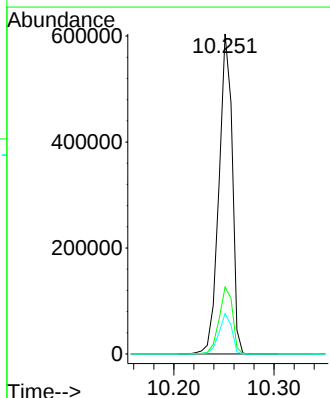
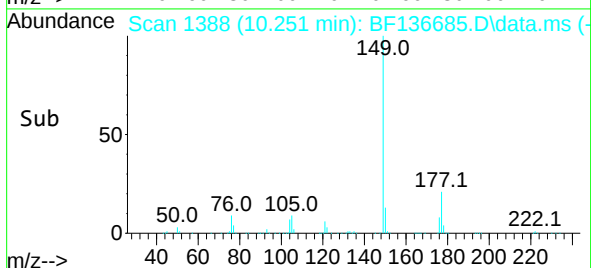
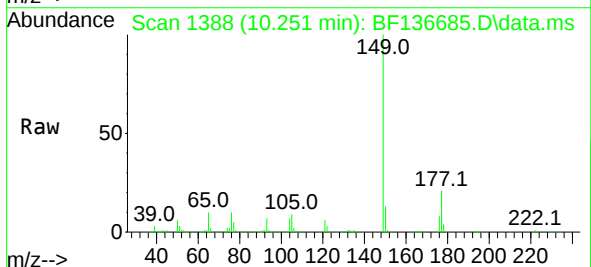
Manual Integrations
APPROVED

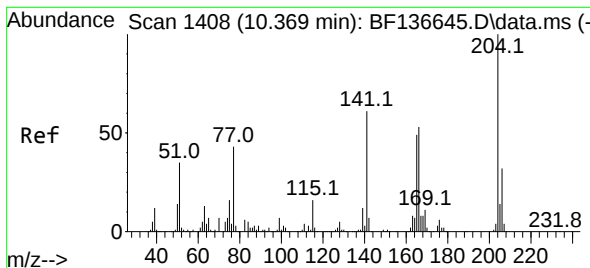
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#60
Diethylphthalate
Concen: 39.253 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

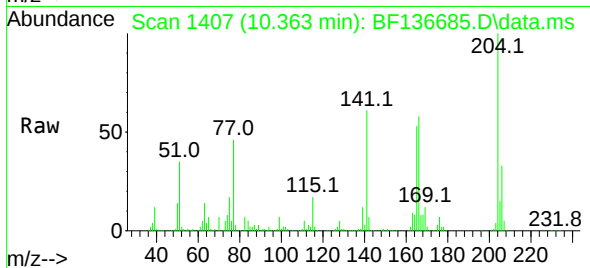
Tgt Ion:149 Resp: 552755
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.6 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 36.884 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

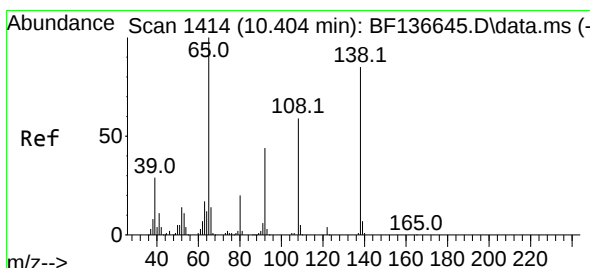
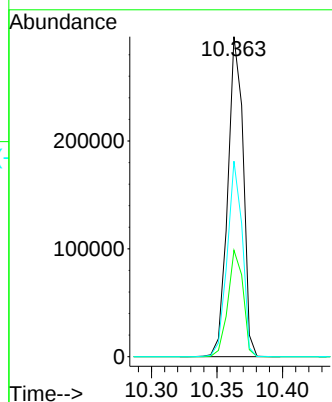
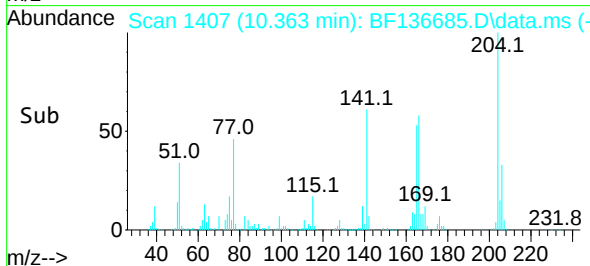
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



Tgt Ion:204 Resp: 242178
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 61.1 48.4 72.6

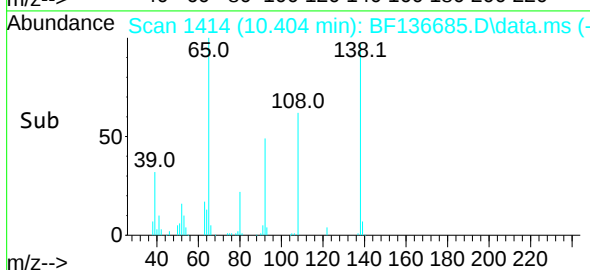
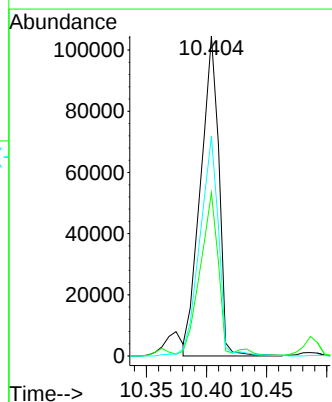
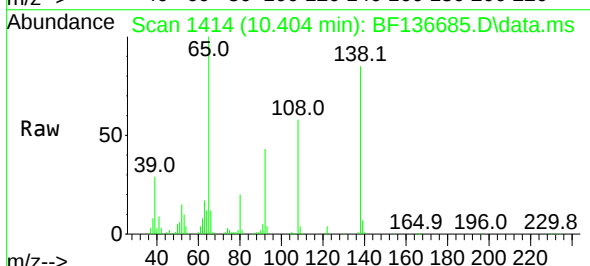
Manual Integrations
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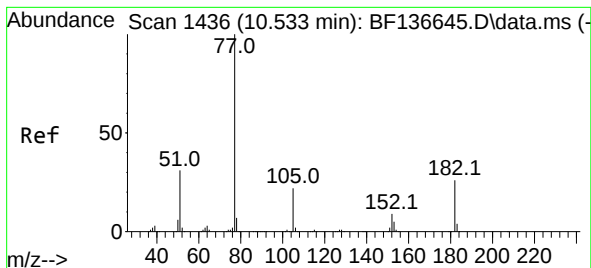
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#62
4-Nitroaniline
Concen: 35.269 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Tgt Ion:138 Resp: 110938
Ion Ratio Lower Upper
138 100
92 51.0 32.1 72.1
108 68.6 50.1 90.1





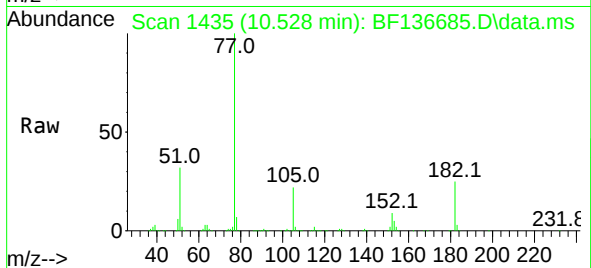
#63
Azobenzene
Concen: 38.548 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD



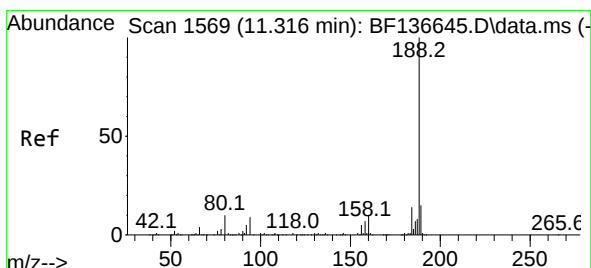
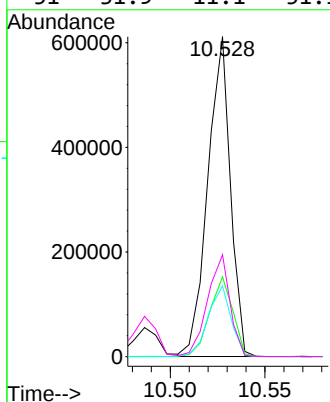
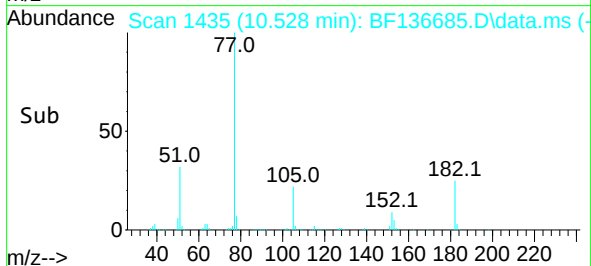
Tgt Ion: 77 Resp: 506999
Ion Ratio Lower Upper
77 100
182 25.0 6.0 46.0
105 22.1 2.3 42.3
51 31.9 11.1 51.1

Manual Integrations

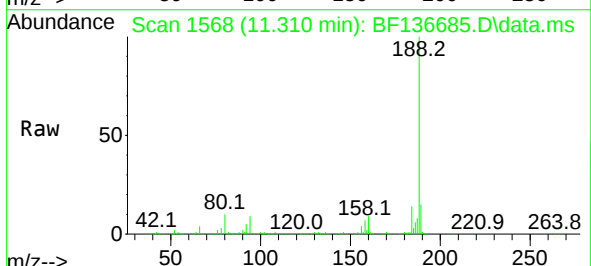
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

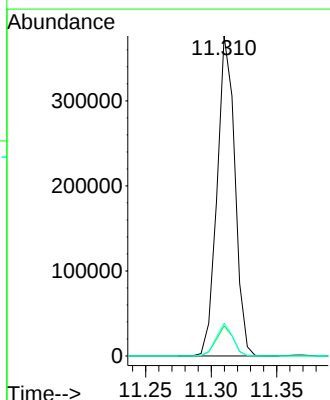
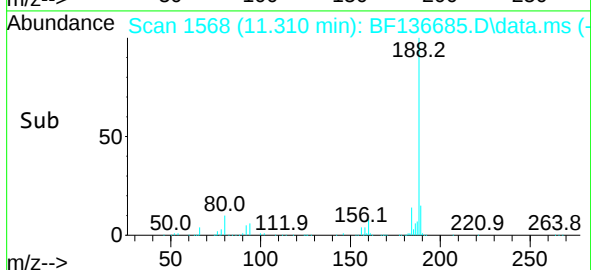
Supervised By :mohammad ahmed 12/25/2023

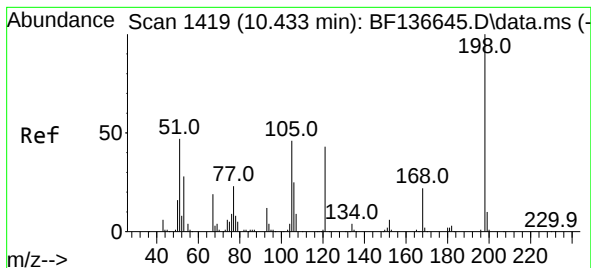


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:188 Resp: 353886
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 8.1 12.1





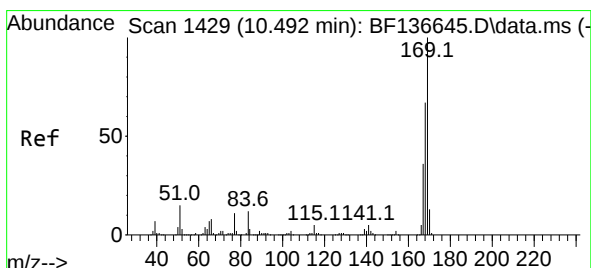
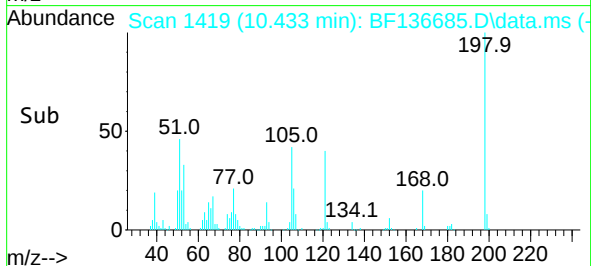
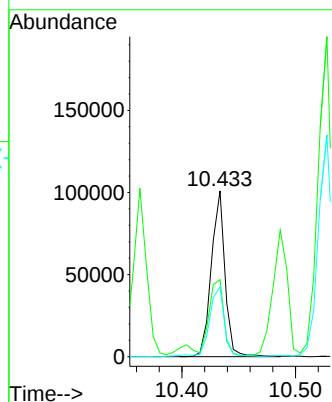
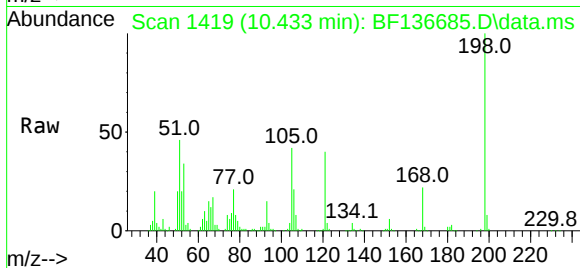
#65
4,6-Dinitro-2-methylphenol
Concen: 41.486 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157714BSD

Tgt Ion:198 Resp: 84139
Ion Ratio Lower Upper
198 100
51 46.4 34.1 74.1
105 42.1 27.3 67.3

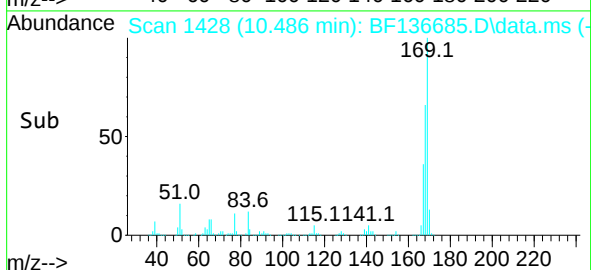
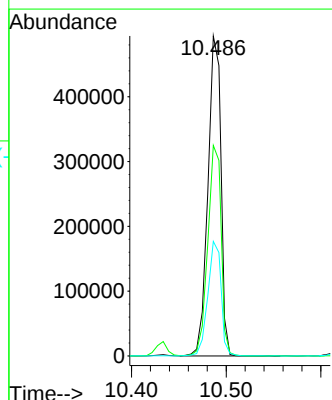
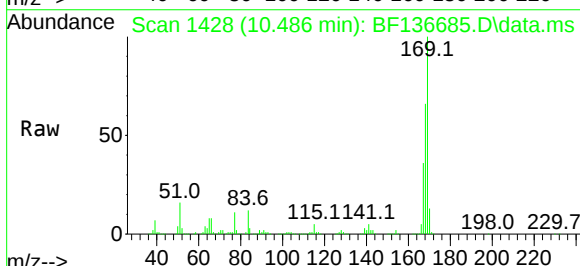
Manual Integrations
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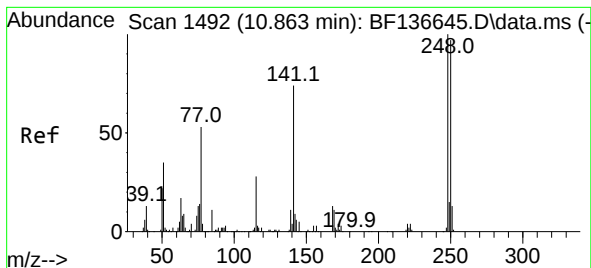
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 41.023 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

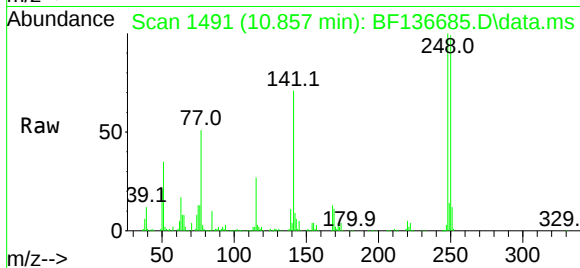
Tgt Ion:169 Resp: 471591
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.6
167 35.8 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.290 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

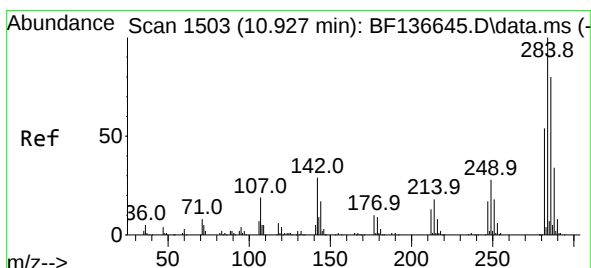
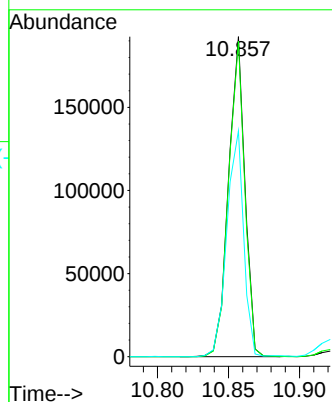
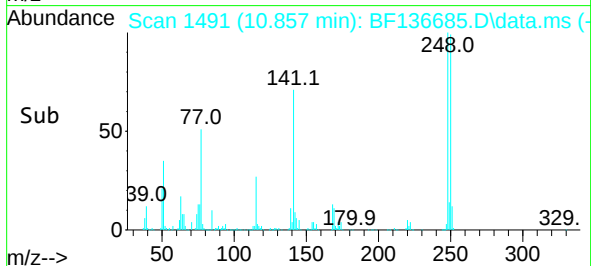
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



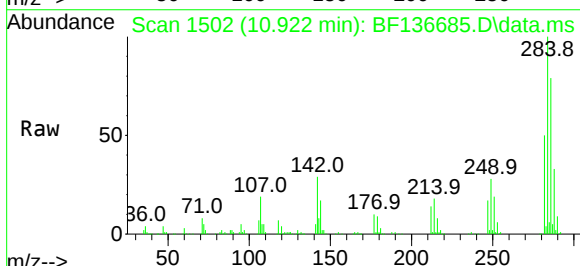
Tgt Ion:248 Resp: 154418
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 70.5 59.2 88.8

Manual Integrations
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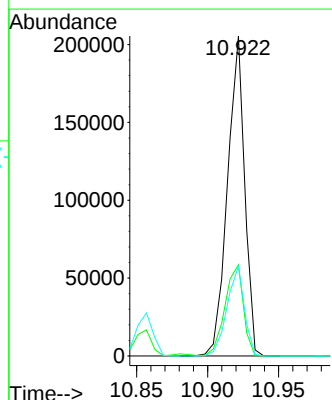
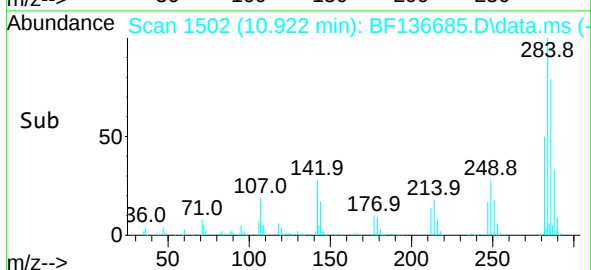
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#68
Hexachlorobenzene
Concen: 39.386 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:284 Resp: 172502
Ion Ratio Lower Upper
284 100
142 28.5 23.4 35.0
249 28.0 22.3 33.5





#69

Atrazine

Concen: 40.673 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion:200 Resp: 119590

Ion Ratio Lower Upper

200 100

173 26.0 7.6 47.6

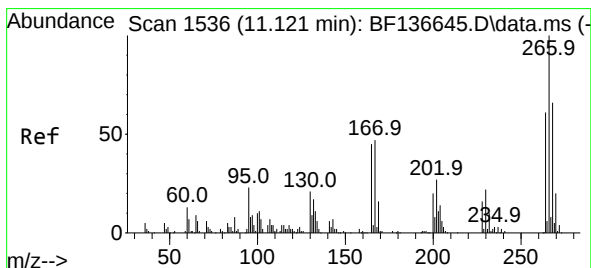
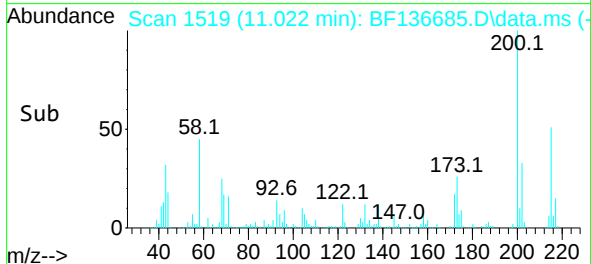
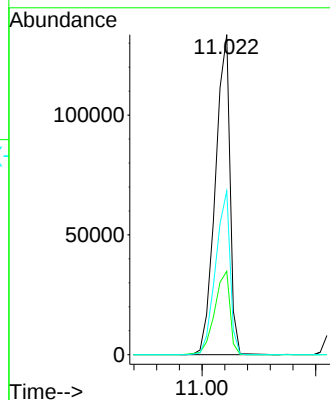
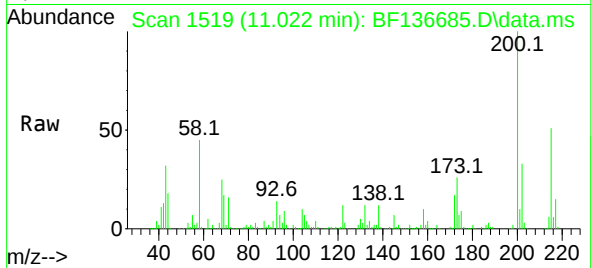
215 51.1 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#70

Pentachlorophenol

Concen: 71.579 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

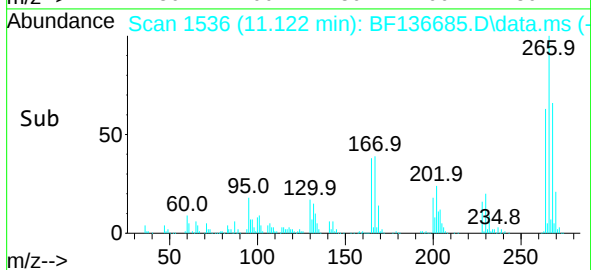
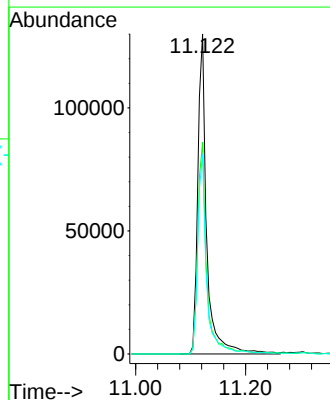
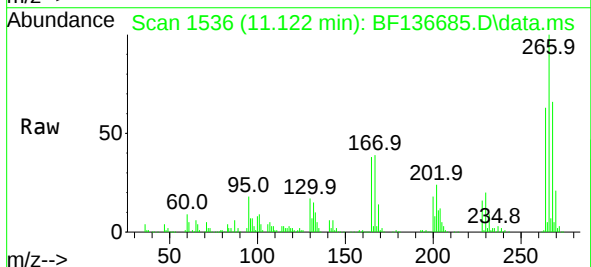
Tgt Ion:266 Resp: 146128

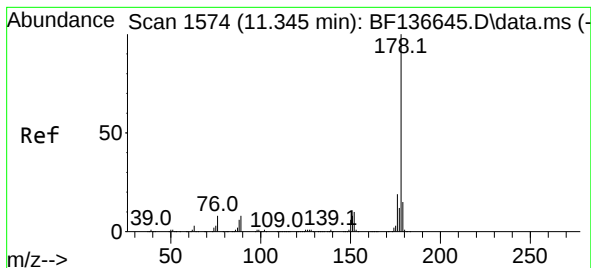
Ion Ratio Lower Upper

266 100

268 66.1 52.6 78.8

264 62.5 49.0 73.4





#71

Phenanthrene

Concen: 40.642 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

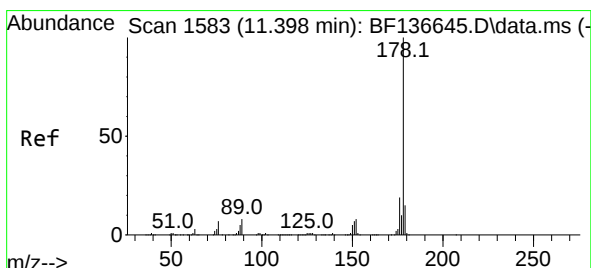
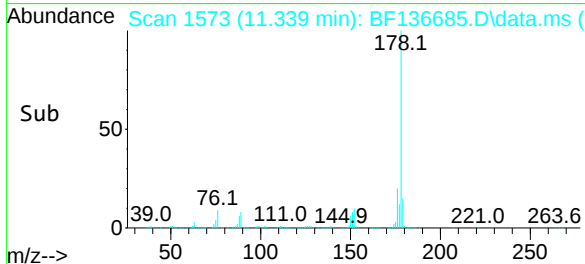
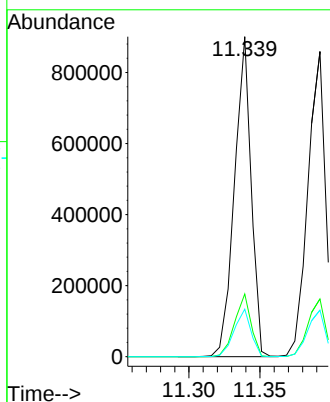
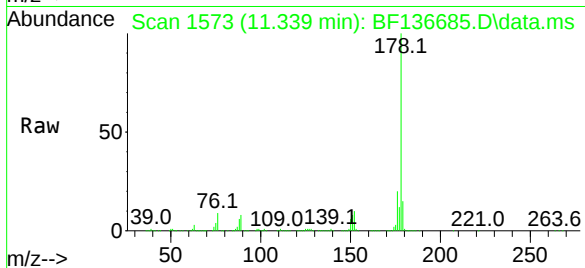
PB157714BSD

Tgt Ion:178 Resp: 737982
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 14.8 11.9 17.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#72

Anthracene

Concen: 40.275 ng

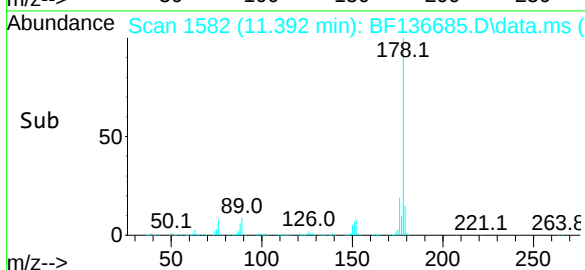
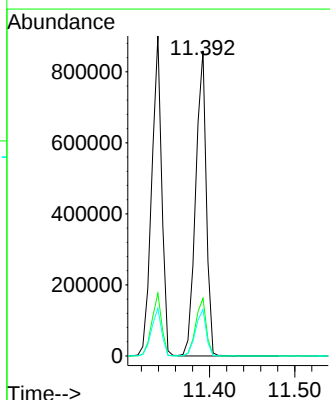
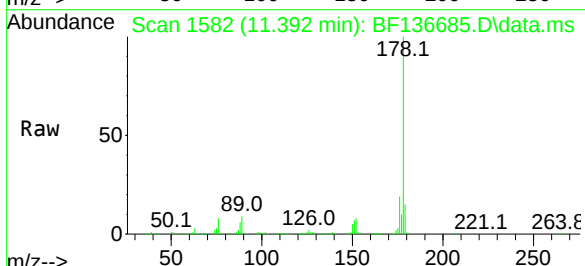
RT: 11.392 min Scan# 1582

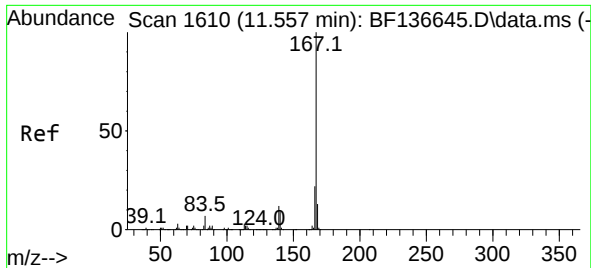
Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

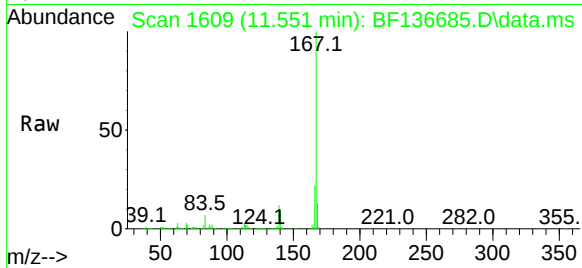
Tgt Ion:178 Resp: 740631
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.9 22.3
 179 15.3 11.8 17.6





#73
 Carbazole
 Concen: 39.346 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136685.D
 Acq: 22 Dec 2023 14:29

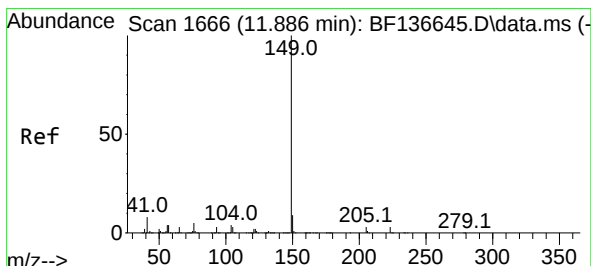
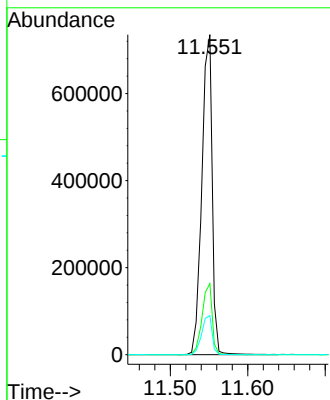
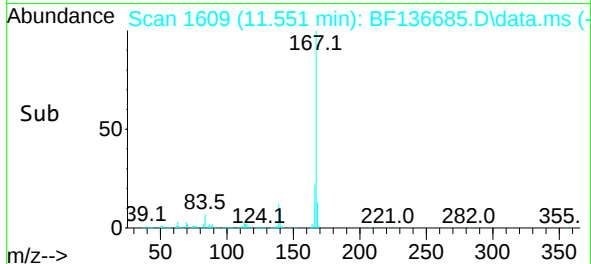
Instrument :
 BNA_F
 ClientSampleId :
 PB157714BSD



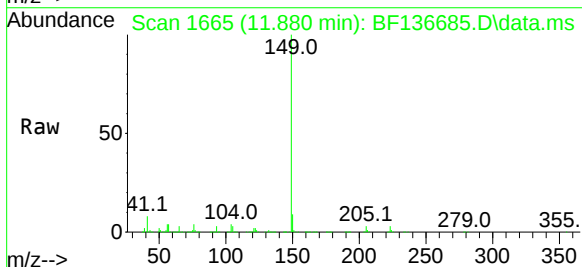
Tgt Ion:167 Resp: 682170
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 12.2 9.8 14.6

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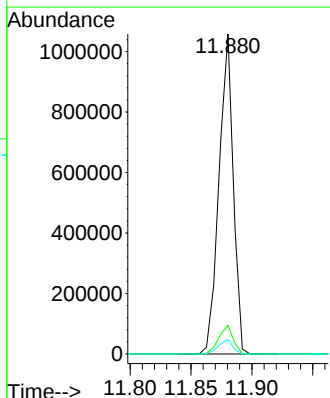
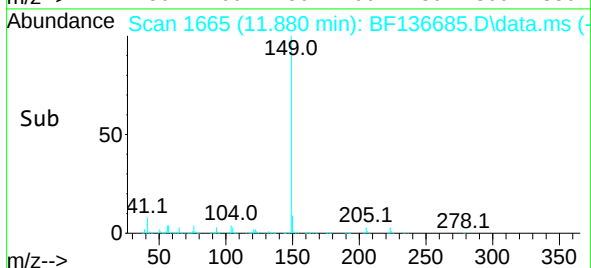
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#74
 Di-n-butylphthalate
 Concen: 40.912 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136685.D
 Acq: 22 Dec 2023 14:29



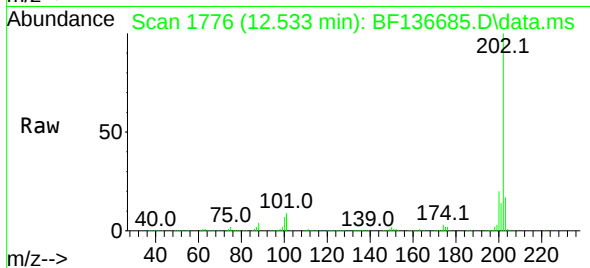
Tgt Ion:149 Resp: 865557
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 38.999 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

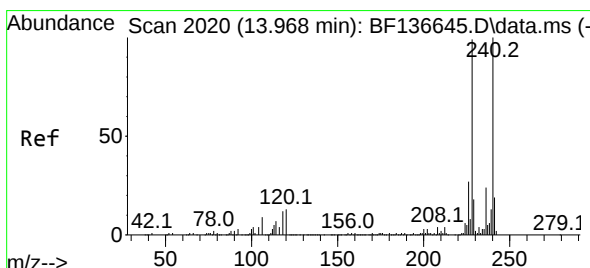
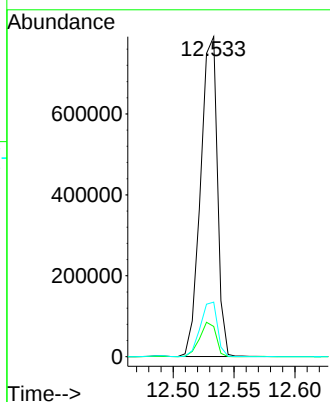
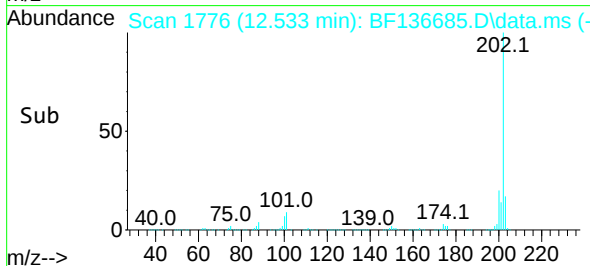
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



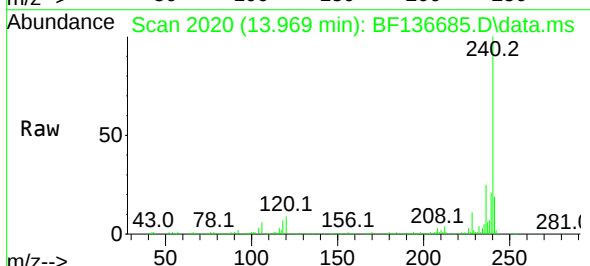
Tgt Ion:202 Resp: 75747
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.0 0.0 37.1

Manual Integrations
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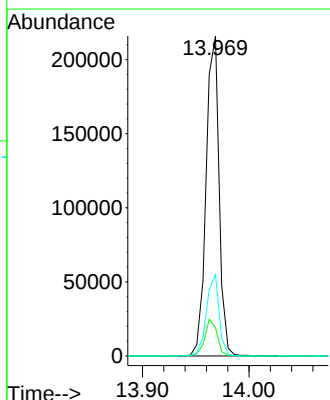
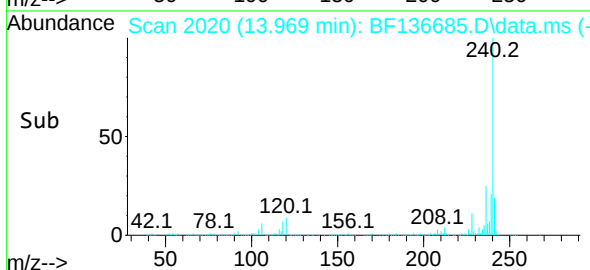
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

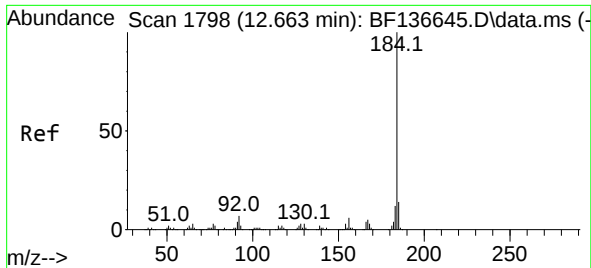


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



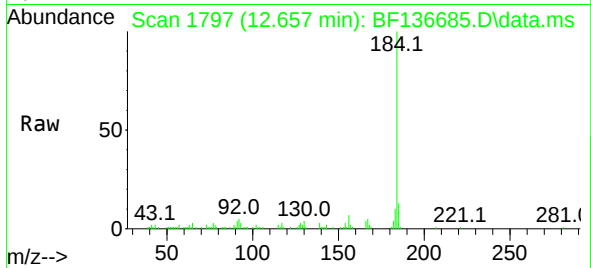
Tgt Ion:240 Resp: 183495
Ion Ratio Lower Upper
240 100
120 8.8 10.3 15.5#
236 25.4 19.4 29.2





#77
Benzidine
Concen: 5.747 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

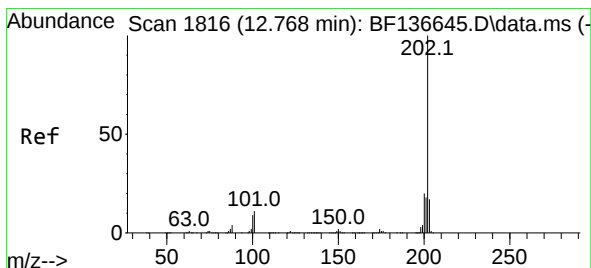
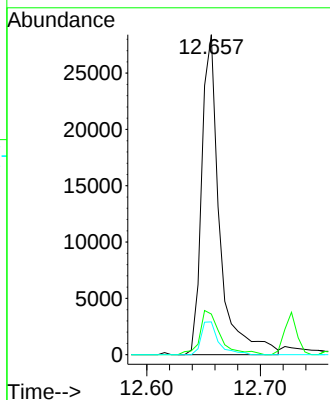
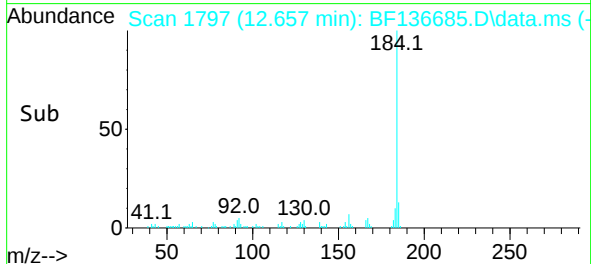
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



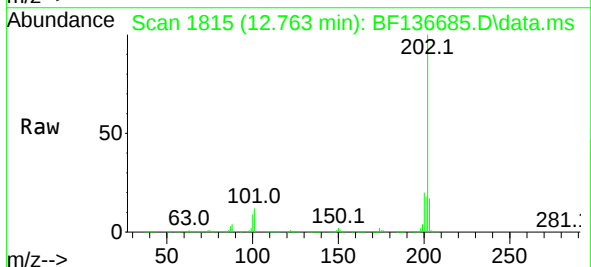
Tgt Ion:184 Resp: 31092
Ion Ratio Lower Upper
184 100
185 12.7 11.2 16.8
183 10.3 9.3 13.9

Manual Integrations
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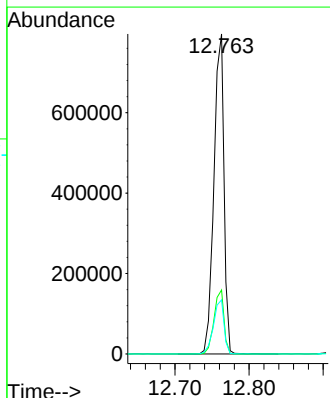
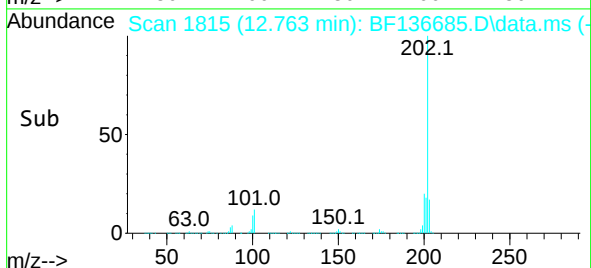
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#78
Pyrene
Concen: 41.482 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:202 Resp: 747219
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 16.9 13.8 20.6





#79

Terphenyl-d14

Concen: 78.581 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136685.D

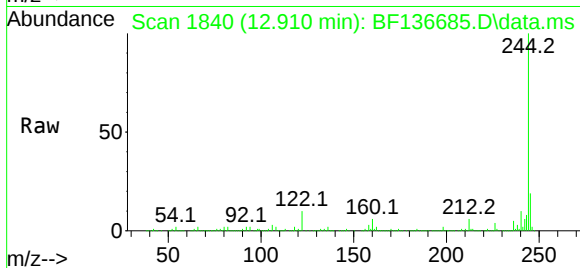
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD



Tgt Ion:244 Resp: 1031809

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

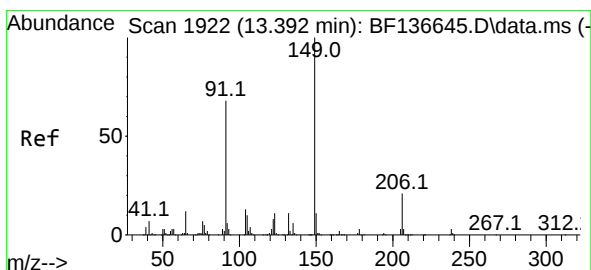
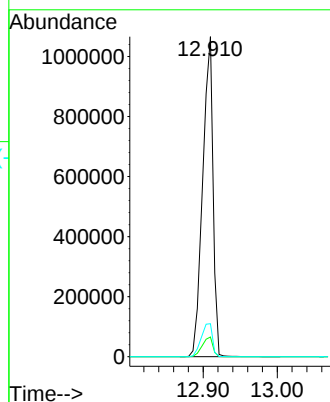
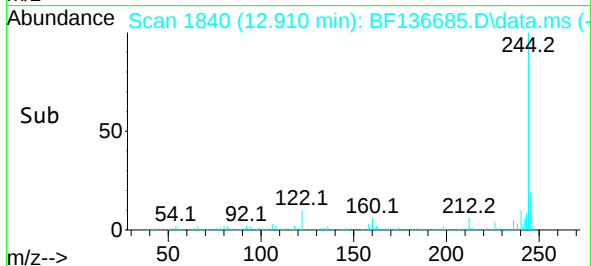
122 10.3 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#80

Butylbenzylphthalate

Concen: 44.452 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

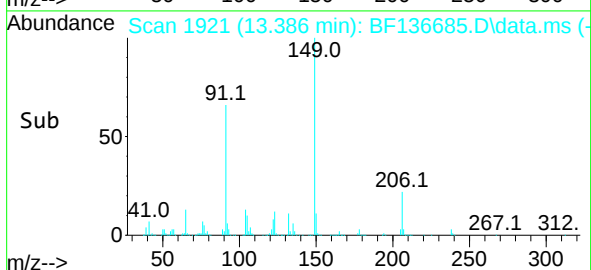
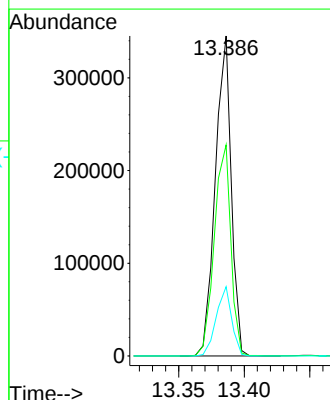
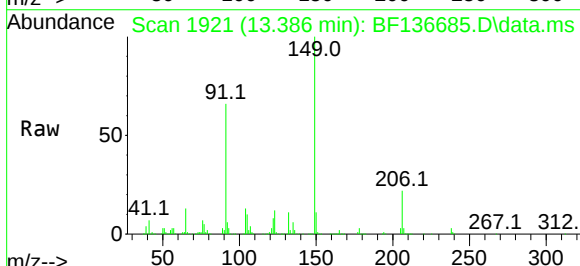
Tgt Ion:149 Resp: 291360

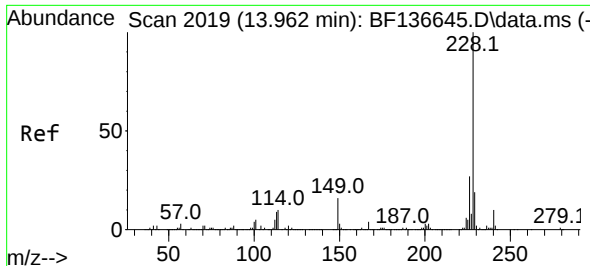
Ion Ratio Lower Upper

149 100

91 66.0 54.1 81.1

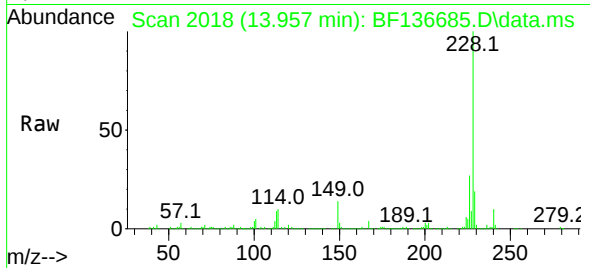
206 21.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 40.243 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

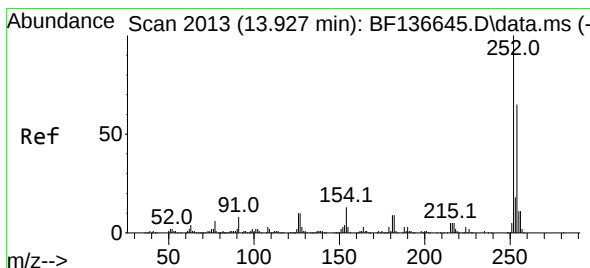
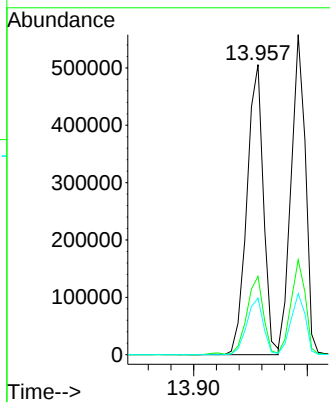
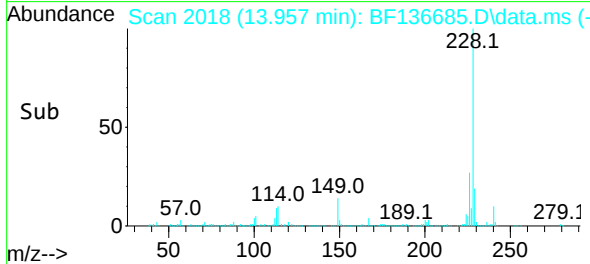
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



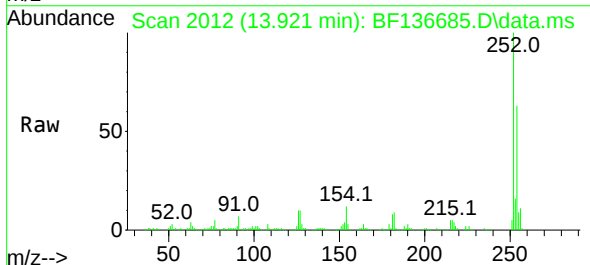
Tgt Ion:228 Resp: 512760
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.4 14.9 22.3

Manual Integrations
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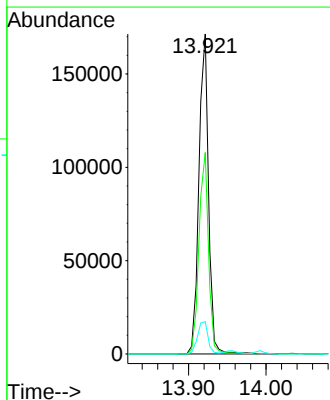
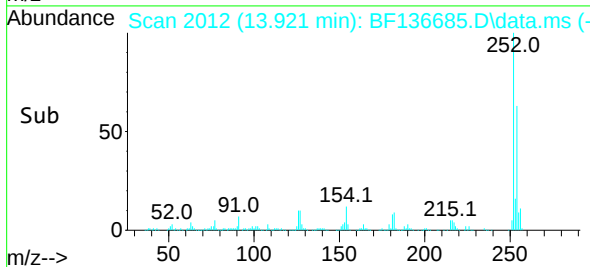
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

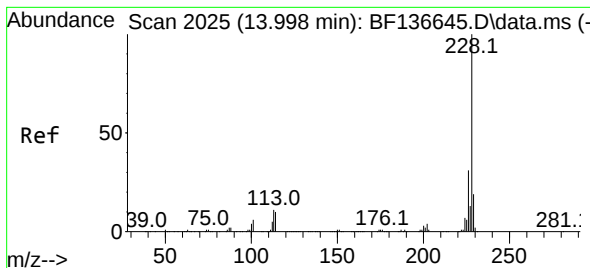


#82
3,3'-Dichlorobenzidine
Concen: 40.815 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:252 Resp: 147692
Ion Ratio Lower Upper
252 100
254 63.0 52.2 78.4
126 10.1 8.0 12.0





#83

Chrysene

Concen: 39.303 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136685.D

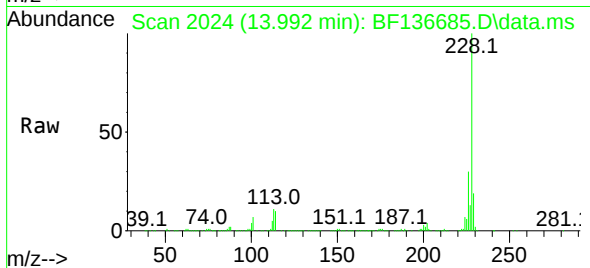
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD



Tgt Ion:228 Resp: 489718

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

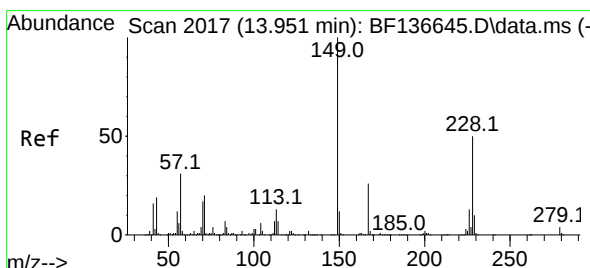
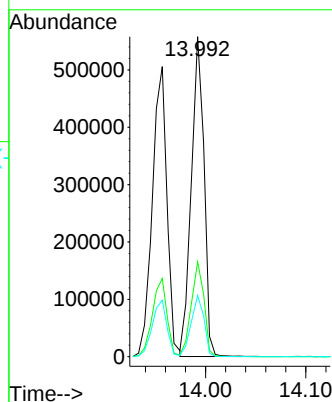
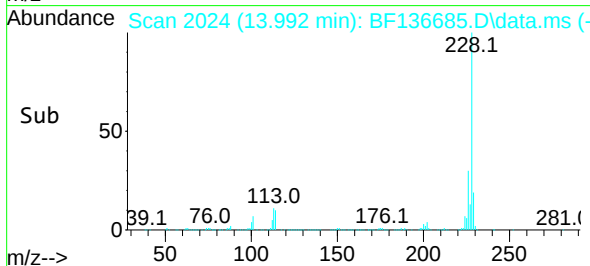
229 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.611 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

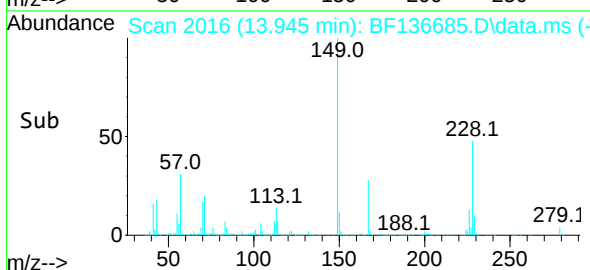
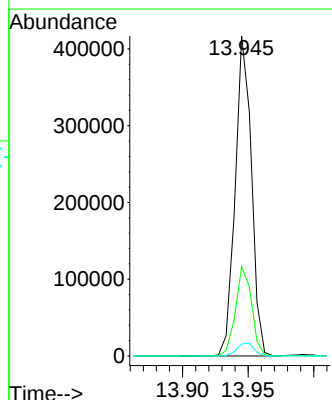
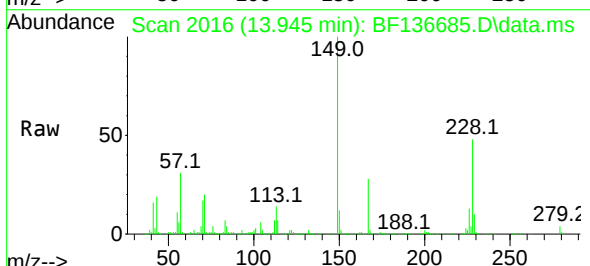
Tgt Ion:149 Resp: 359648

Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

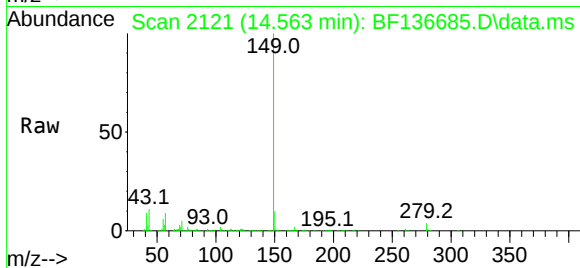
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.074 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

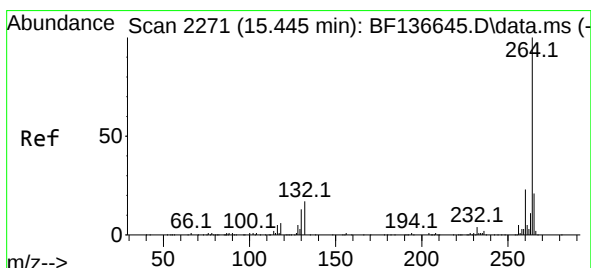
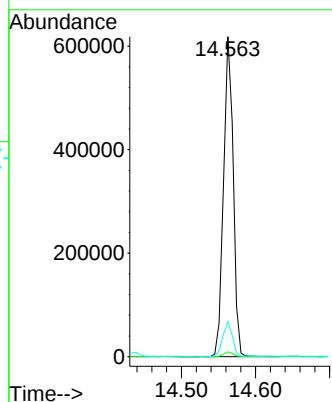
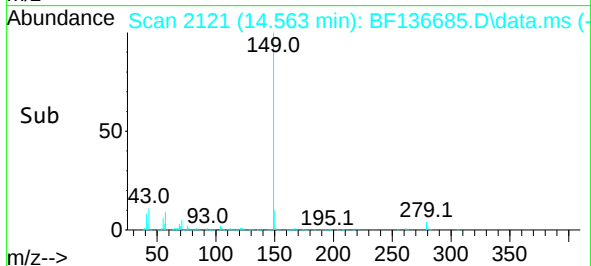
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



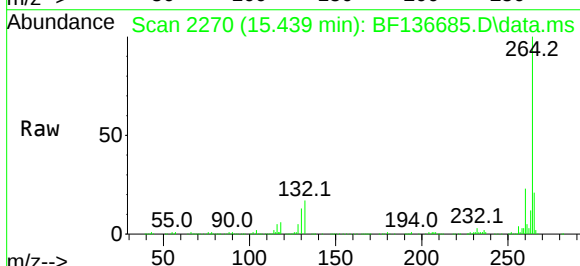
Tgt Ion:149 Resp: 562230
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 8.9 13.3

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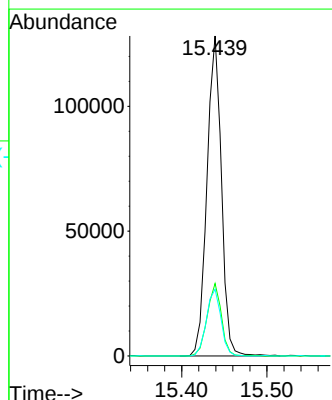
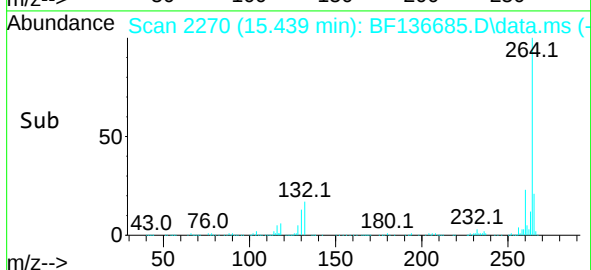
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

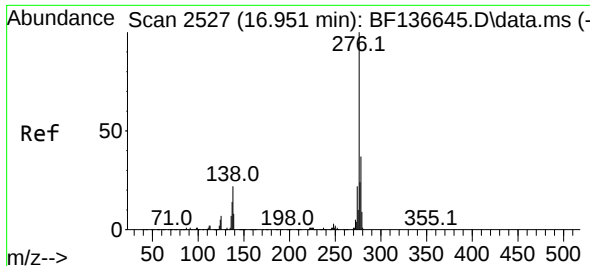


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:264 Resp: 151022
Ion Ratio Lower Upper
264 100
260 22.7 18.3 27.5
265 20.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.833 ng
RT: 16.945 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

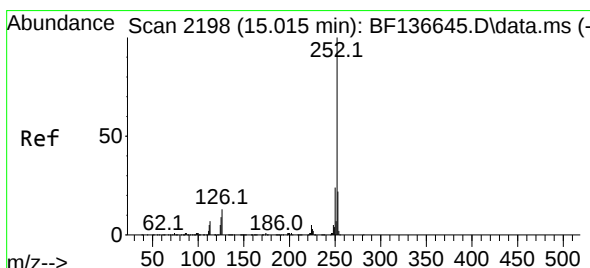
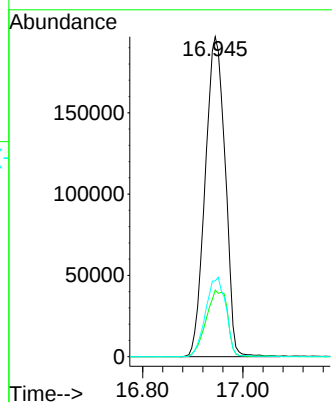
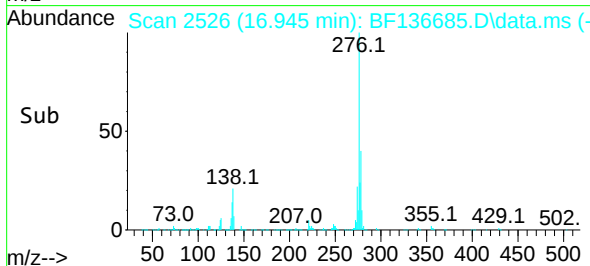
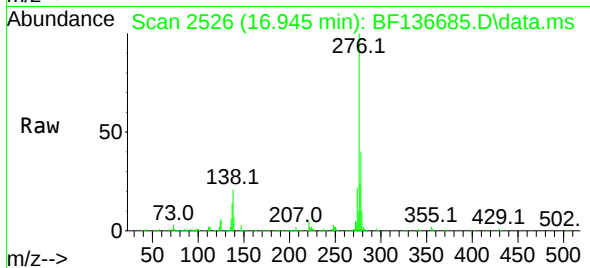
PB157714BSD

Tgt Ion:276 Resp: 543370
Ion Ratio Lower Upper
276 100
138 22.1 18.7 28.1
277 25.2 20.2 30.2

Manual Integrations

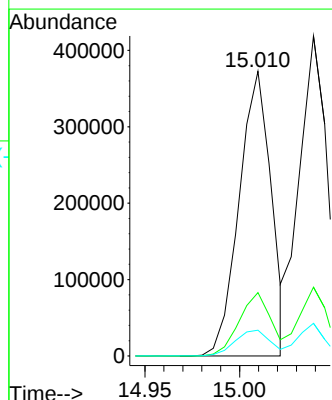
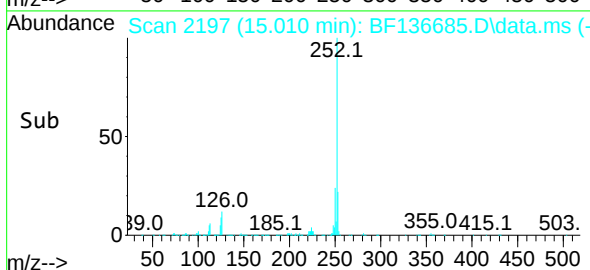
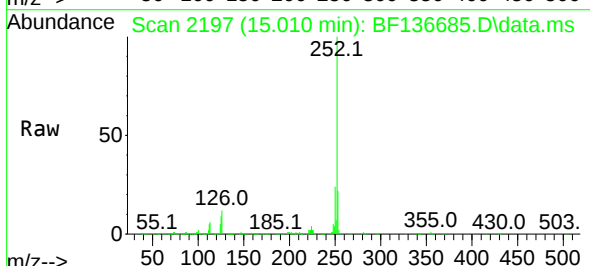
APPROVED

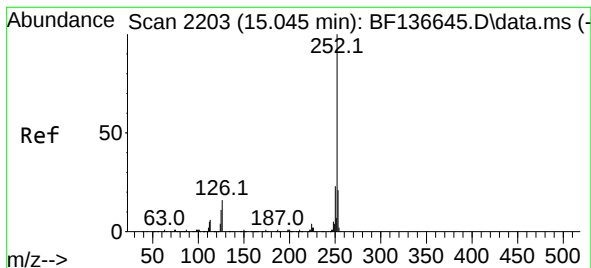
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#88
Benzo(b)fluoranthene
Concen: 43.596 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

Tgt Ion:252 Resp: 439750
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.549 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157714BSD

Tgt Ion:252 Resp: 424609

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

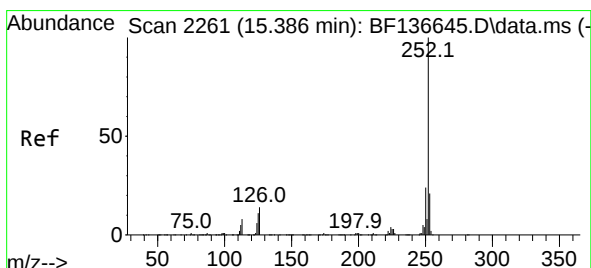
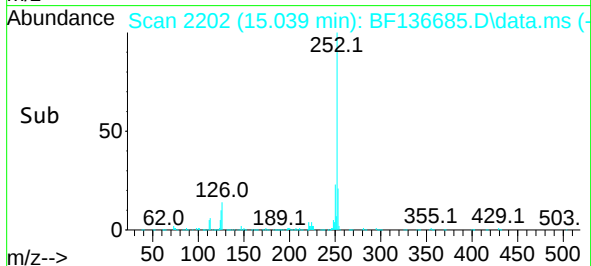
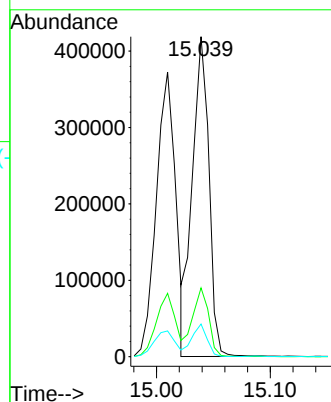
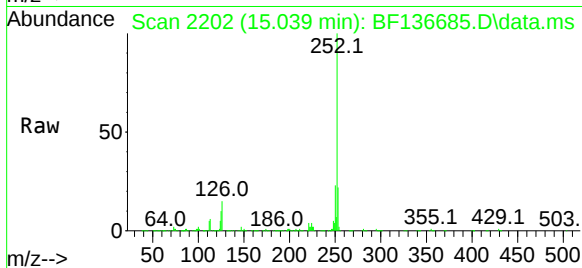
125 10.2 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#90

Benzo(a)pyrene

Concen: 46.119 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136685.D

Acq: 22 Dec 2023 14:29

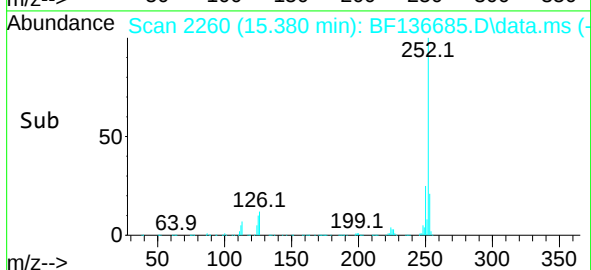
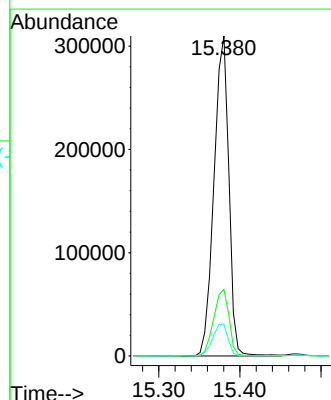
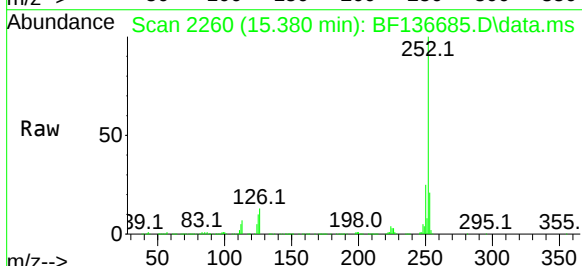
Tgt Ion:252 Resp: 392674

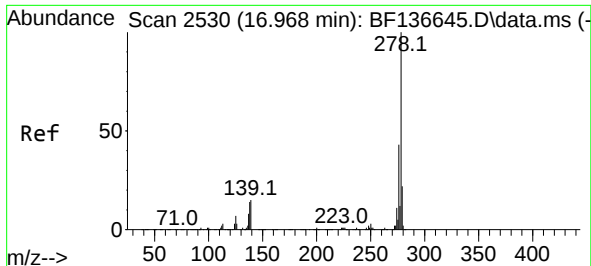
Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

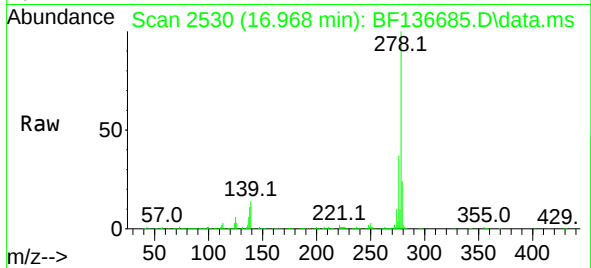
125 10.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 51.198 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29

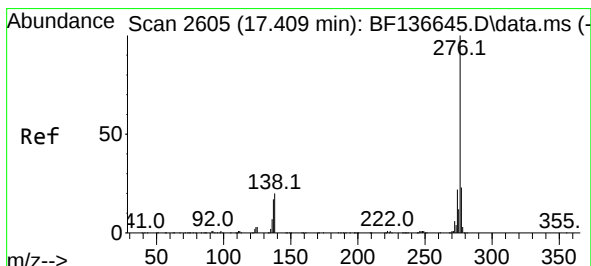
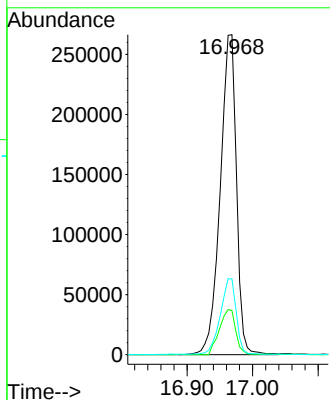
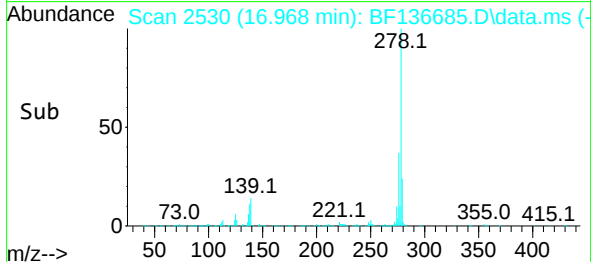
Instrument :
BNA_F
ClientSampleId :
PB157714BSD



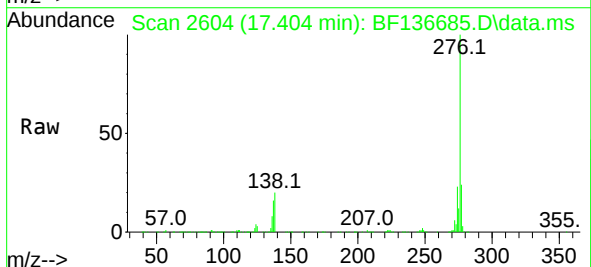
Tgt Ion:278 Resp: 45799
Ion Ratio Lower Upper
278 100
139 13.8 12.2 18.4
279 23.6 17.8 26.6

Manual Integrations
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Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#92
Benzo(g,h,i)perylene
Concen: 49.743 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136685.D
Acq: 22 Dec 2023 14:29



Tgt Ion:276 Resp: 455760
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 19.7 15.6 23.4

