

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136653.D
 Acq On : 20 Dec 2023 18:02
 Operator : CG\JU
 Sample : PB157610BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157610BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 02:18:05 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	94780	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	399053	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	204119	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	399930	20.000	ng	0.00
76) Chrysene-d12	13.974	240	206999	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	158722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	732060	120.513	ng	0.02
7) Phenol-d6	6.451	99	907978	115.356	ng	0.01
23) Nitrobenzene-d5	7.363	82	578708	74.208	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	272530	113.367	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1111200	73.219	ng	0.00
79) Terphenyl-d14	12.915	244	1149232	77.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	75855	29.970	ng	100
3) Pyridine	3.416	79	186202	30.152	ng	100
4) n-Nitrosodimethylamine	3.381	42	135894	41.208	ng	93
6) Aniline	6.463	93	210363	26.731	ng	# 1
8) 2-Chlorophenol	6.586	128	290018	43.628	ng	93
9) Benzaldehyde	6.345	77	75797	16.930	ng	96
10) Phenol	6.463	94	338576	40.295	ng	97
11) bis(2-Chloroethyl)ether	6.539	93	268741	42.057	ng	97
12) 1,3-Dichlorobenzene	6.734	146	277148	38.218	ng	99
13) 1,4-Dichlorobenzene	6.810	146	286930	38.724	ng	98
14) 1,2-Dichlorobenzene	6.963	146	268236	38.904	ng	97
15) Benzyl Alcohol	6.945	79	231914	43.674	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	436565	41.788	ng	95
17) 2-Methylphenol	7.057	107	229813	41.731	ng	97
18) Hexachloroethane	7.298	117	105859	39.338	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	196274	41.135	ng	99
20) 3+4-Methylphenols	7.210	107	276764	40.227	ng	# 82
22) Acetophenone	7.204	105	391711	39.162	ng	# 97
24) Nitrobenzene	7.381	77	295023	37.766	ng	97
25) Isophorone	7.616	82	550588	38.801	ng	99
26) 2-Nitrophenol	7.692	139	150810	40.350	ng	95
27) 2,4-Dimethylphenol	7.733	122	236957	52.075	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	336815	39.049	ng	99
29) 2,4-Dichlorophenol	7.933	162	231062	39.443	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	247549	37.927	ng	99
31) Naphthalene	8.092	128	827597	37.750	ng	100
32) Benzoic acid	7.886	122	180195	40.928	ng	99
33) 4-Chloroaniline	8.145	127	194547	24.035	ng	98
34) Hexachlorobutadiene	8.204	225	147784	37.266	ng	97
35) Caprolactam	8.533	113	76181m	39.420	ng	
36) 4-Chloro-3-methylphenol	8.639	107	263468	39.950	ng	98
37) 2-Methylnaphthalene	8.786	142	528821	37.481	ng	99
38) 1-Methylnaphthalene	8.886	142	504418	36.441	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	249781	39.513	ng	98
41) Hexachlorocyclopentadiene	8.933	237	197391	96.835	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	167418	41.296	ng	97

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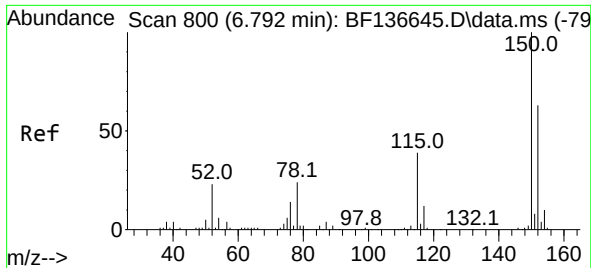
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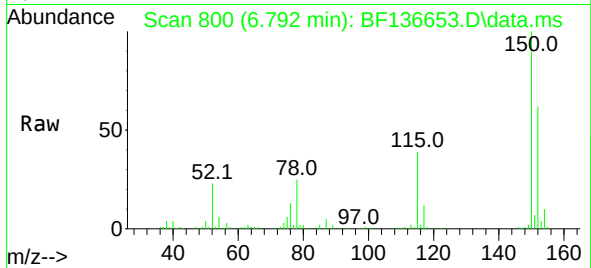
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	184406	40.819	ng	98
46) 1,1'-Biphenyl	9.251	154	664476	38.793	ng	99
47) 2-Chloronaphthalene	9.275	162	501329	38.500	ng	98
48) 2-Nitroaniline	9.380	65	169628	41.599	ng	93
49) Acenaphthylene	9.692	152	809513	40.672	ng	100
50) Dimethylphthalate	9.563	163	603931	40.507	ng	99
51) 2,6-Dinitrotoluene	9.622	165	134399	39.720	ng	88
52) Acenaphthene	9.863	154	478254	38.764	ng	99
53) 3-Nitroaniline	9.792	138	118125	32.955	ng	96
54) 2,4-Dinitrophenol	9.904	184	157009	83.550	ng	# 85
55) Dibenzofuran	10.039	168	718058	38.394	ng	99
56) 4-Nitrophenol	9.969	139	207978	85.953	ng	95
57) 2,4-Dinitrotoluene	10.027	165	171910	39.136	ng	95
58) Fluorene	10.380	166	577019	38.884	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	155491	44.712	ng	99
60) Diethylphthalate	10.263	149	620364	40.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	275669	38.219	ng	95
62) 4-Nitroaniline	10.416	138	124501m	36.031	ng	
63) Azobenzene	10.533	77	567207	39.257	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	99527	43.424	ng	97
66) n-Nitrosodiphenylamine	10.498	169	522793	40.241	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	172955	38.940	ng	95
68) Hexachlorobenzene	10.927	284	190368	38.461	ng	98
69) Atrazine	11.027	200	131169	39.475	ng	99
70) Pentachlorophenol	11.127	266	169891	73.638	ng	96
71) Phenanthrene	11.345	178	829283	40.412	ng	99
72) Anthracene	11.398	178	821138	39.512	ng	99
73) Carbazole	11.557	167	753746	38.469	ng	100
74) Di-n-butylphthalate	11.886	149	967301	40.458	ng	99
75) Fluoranthene	12.539	202	843310	38.420	ng	99
77) Benzidine	12.657	184	31421	5.148	ng	96
78) Pyrene	12.768	202	836254	41.153	ng	99
80) Butylbenzylphthalate	13.392	149	329227	44.526	ng	98
81) Benzo(a)anthracene	13.962	228	582377	40.517	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	163994	40.175	ng	99
83) Chrysene	13.998	228	566067	40.272	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	414917	44.600	ng	99
85) Di-n-octyl phthalate	14.568	149	650363	45.194	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	556248	48.538	ng	100
88) Benzo(b)fluoranthene	15.015	252	476593	44.957	ng	98
89) Benzo(k)fluoranthene	15.045	252	470726	46.992	ng	99
90) Benzo(a)pyrene	15.386	252	410925	45.921	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	471469	50.147	ng	97
92) Benzo(g,h,i)perylene	17.409	276	469447	48.752	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02

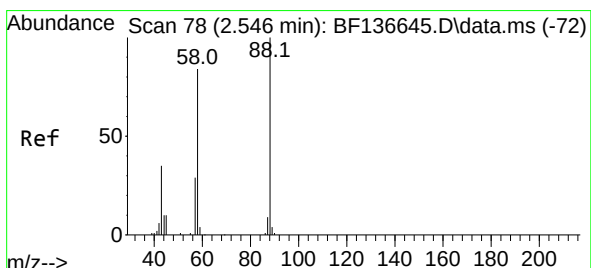
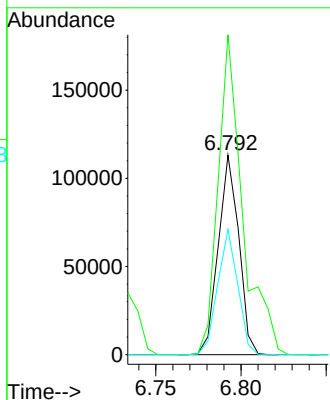
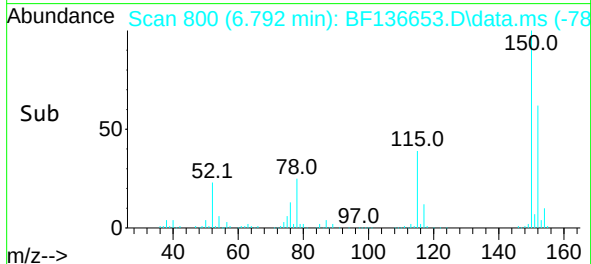
Instrument :
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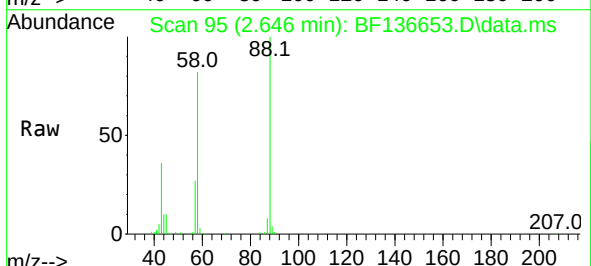
Tgt Ion:152 Resp: 94780
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.0 190.6
 115 62.7 49.0 73.4

Manual Integrations
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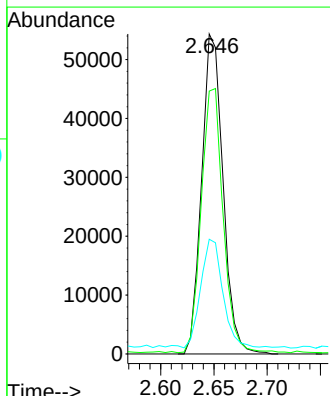
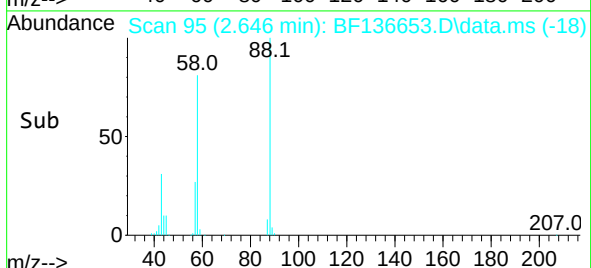
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

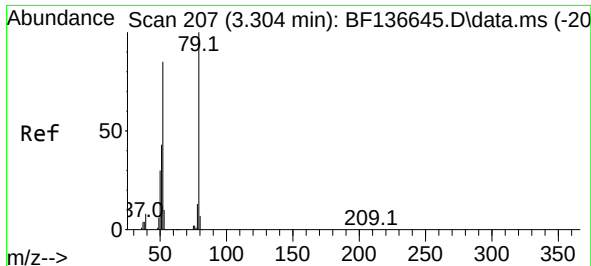


#2
 1,4-Dioxane
 Concen: 29.970 ng
 RT: 2.646 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02



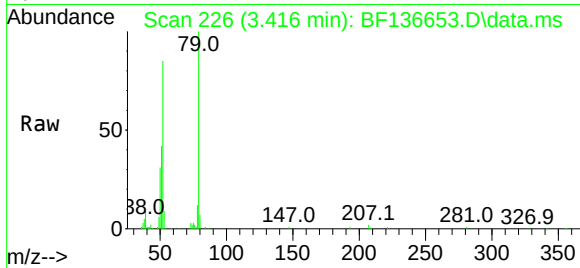
Tgt Ion: 88 Resp: 75855
 Ion Ratio Lower Upper
 88 100
 58 84.5 67.4 101.0
 43 34.3 27.7 41.5





#3
Pyridine
Concen: 30.152 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.112 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

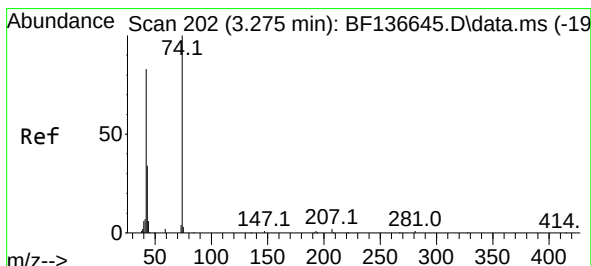
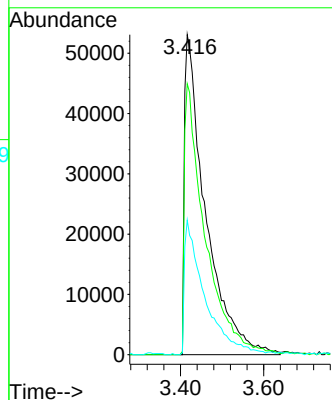
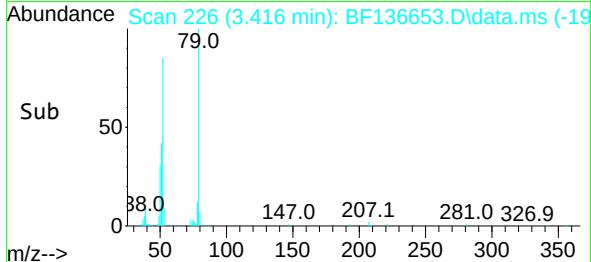
Instrument :
BNA_F
ClientSampleId :
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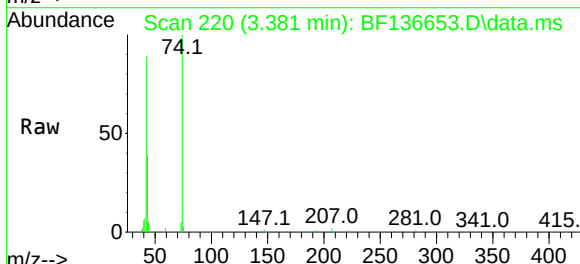
Tgt Ion: 79 Resp: 18620
Ion Ratio Lower Upper
79 100
52 84.7 67.7 101.5
51 42.1 34.0 51.0

Manual Integrations
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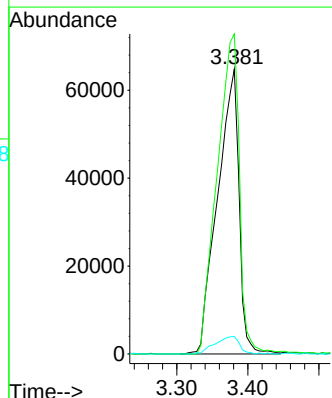
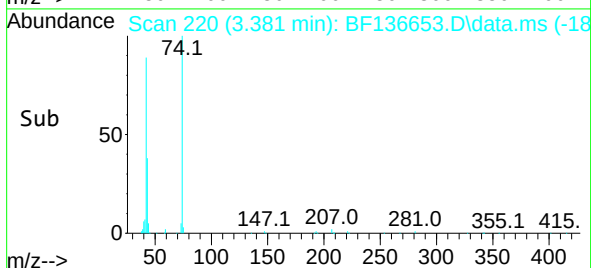
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

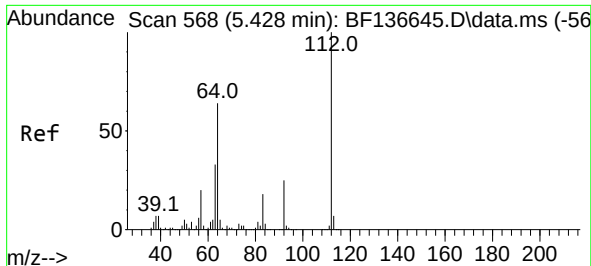


#4
n-Nitrosodimethylamine
Concen: 41.208 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.106 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



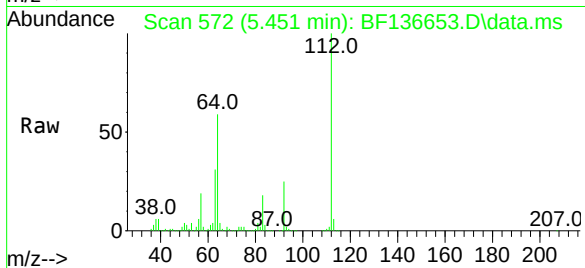
Tgt Ion: 42 Resp: 135894
Ion Ratio Lower Upper
42 100
74 112.3 96.0 144.0
44 6.1 5.4 8.2





#5
2-Fluorophenol
Concen: 120.513 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

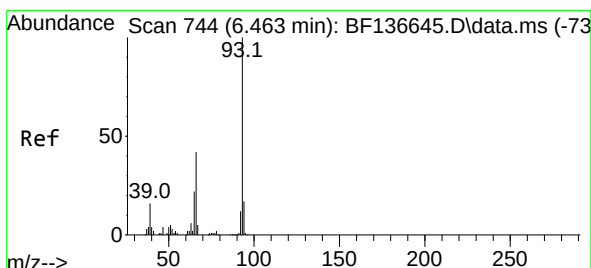
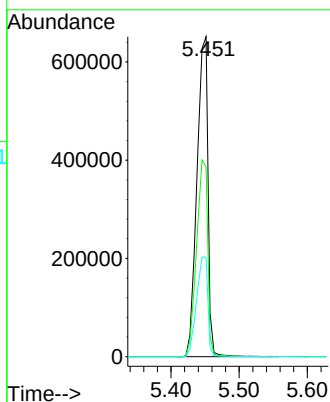
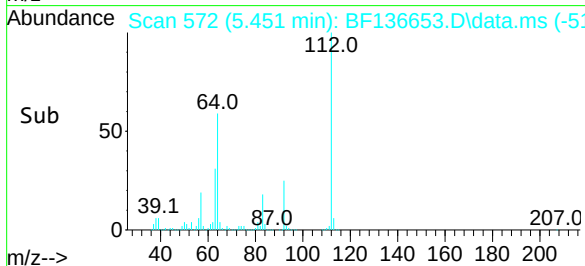
Instrument :
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Tgt Ion:112 Resp: 732060
Ion Ratio Lower Upper
112 100
64 59.3 51.1 76.7
63 31.1 26.1 39.1

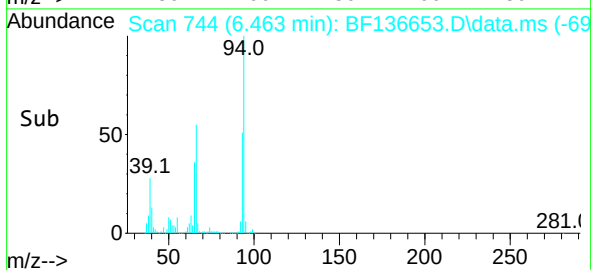
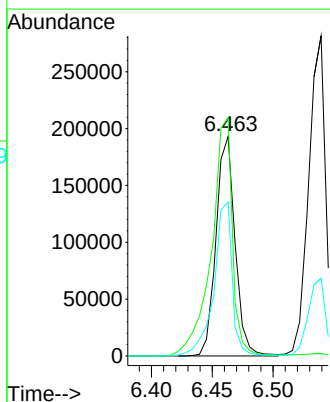
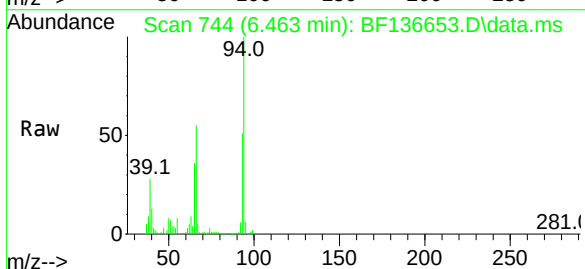
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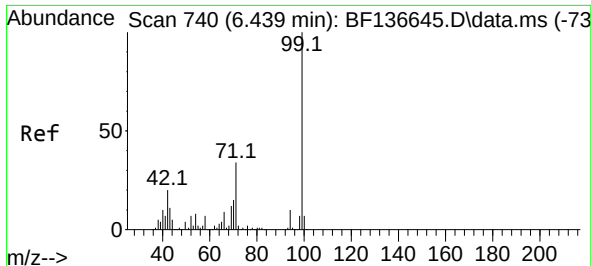
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#6
Aniline
Concen: 26.731 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

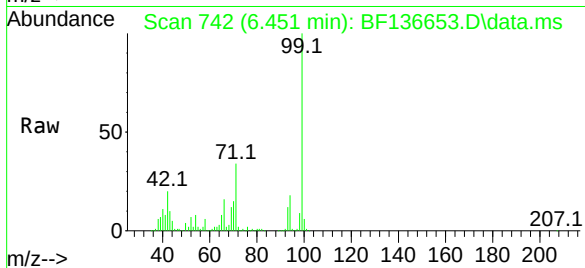
Tgt Ion: 93 Resp: 210363
Ion Ratio Lower Upper
93 100
66 108.3 34.6 51.8#
65 70.0 17.8 26.8#





#7
Phenol-d6
Concen: 115.356 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

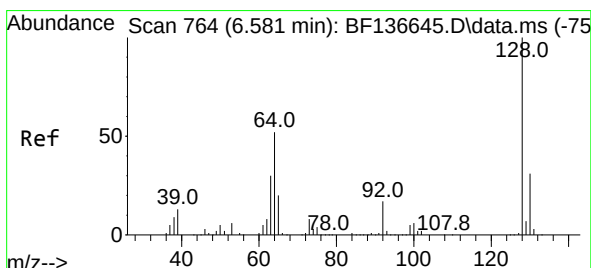
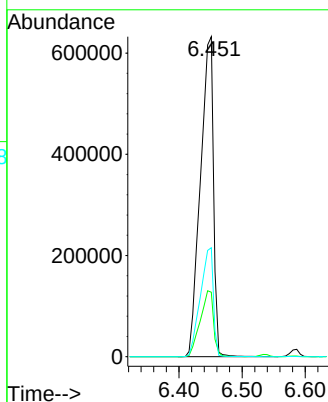
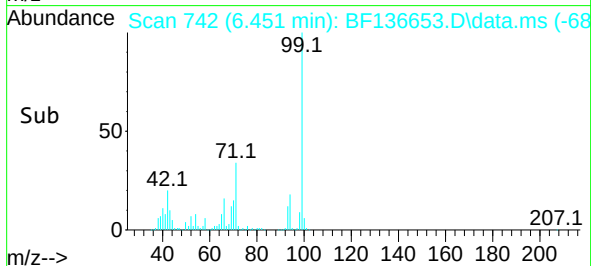
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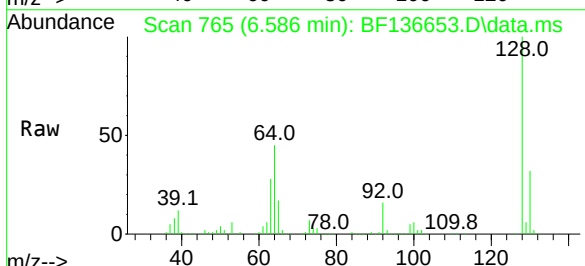
Tgt Ion: 99 Resp: 907978
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 34.0 27.4 41.2

Manual Integrations
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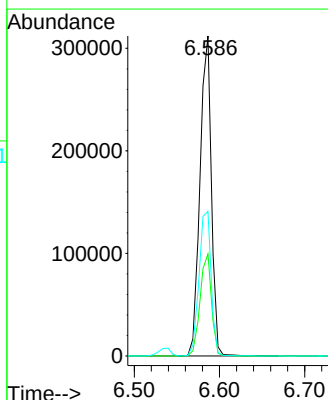
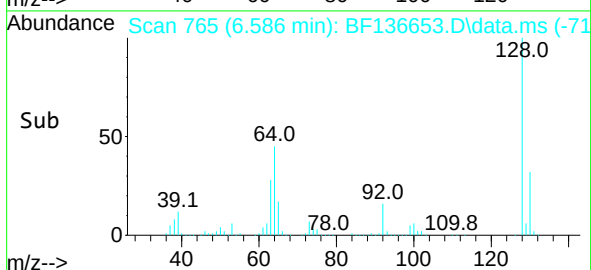
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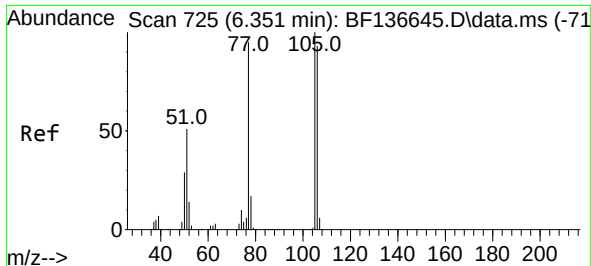


#8
2-Chlorophenol
Concen: 43.628 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



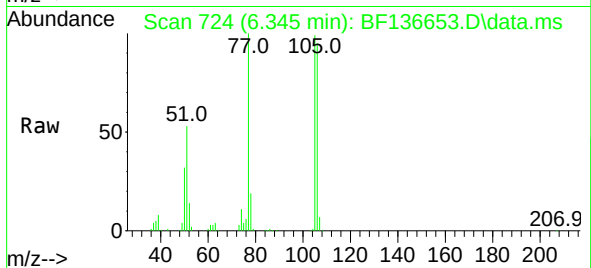
Tgt Ion:128 Resp: 290018
Ion Ratio Lower Upper
128 100
130 31.9 11.3 51.3
64 45.2 32.5 72.5





#9
Benzaldehyde
Concen: 16.930 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

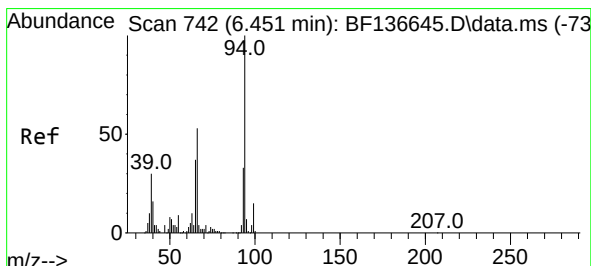
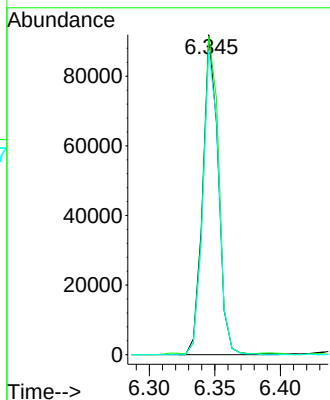
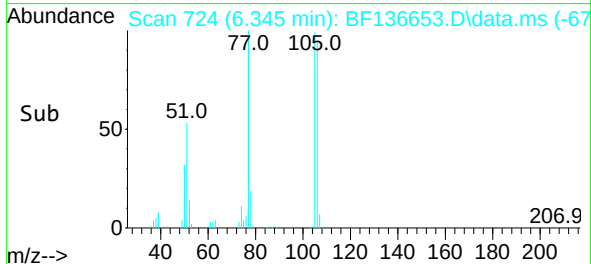
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 7579
Ion Ratio Lower Upper
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105 99.5 84.8 124.8
106 94.9 77.8 117.8

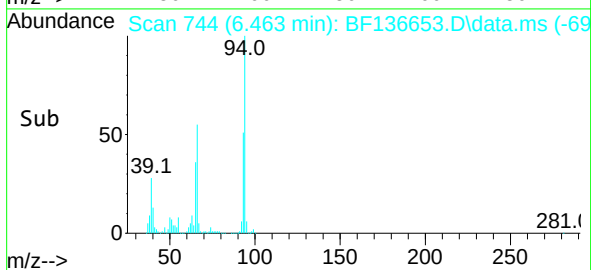
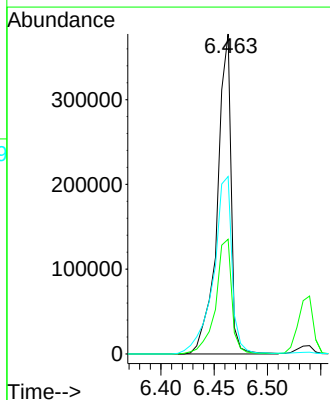
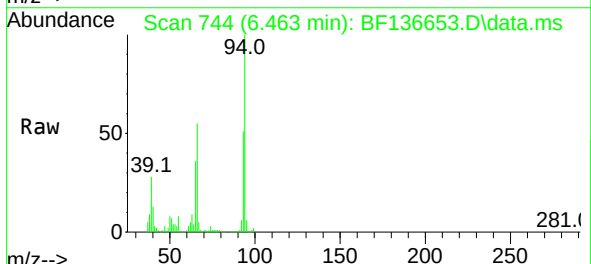
Manual Integrations
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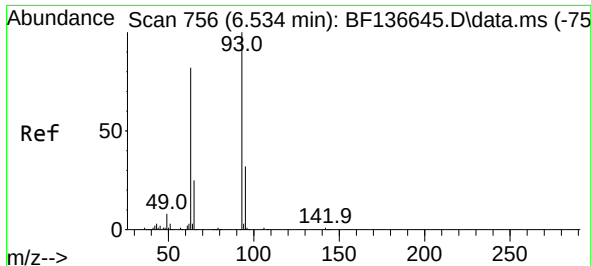
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#10
Phenol
Concen: 40.295 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

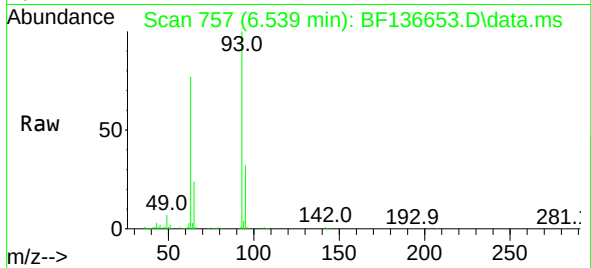
Tgt Ion: 94 Resp: 338576
Ion Ratio Lower Upper
94 100
65 35.8 16.6 56.6
66 55.4 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 42.057 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

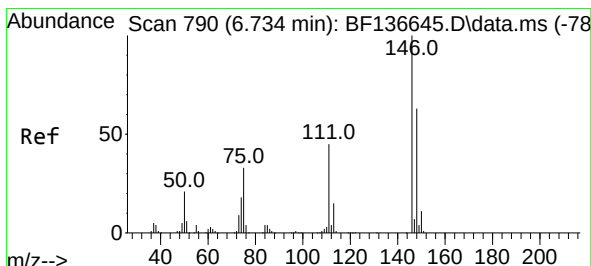
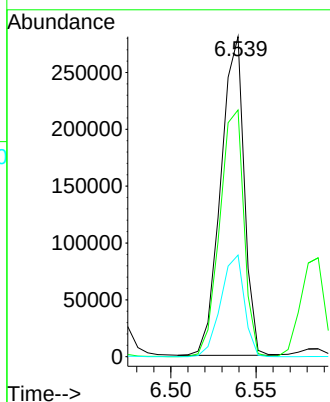
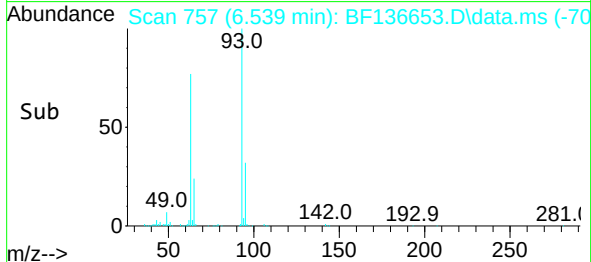
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion: 93 Resp: 26874
Ion Ratio Lower Upper
93 100
63 77.1 61.2 101.2
95 31.8 11.6 51.6

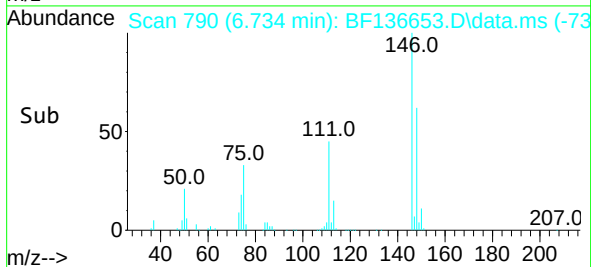
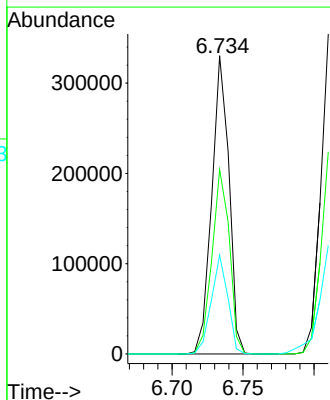
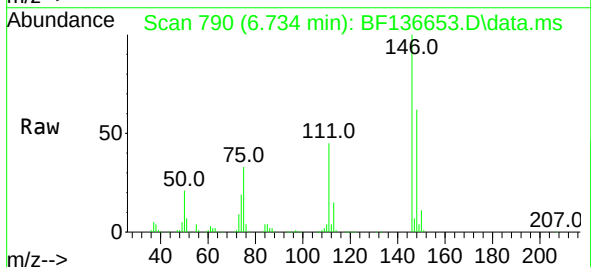
Manual Integrations
APPROVED

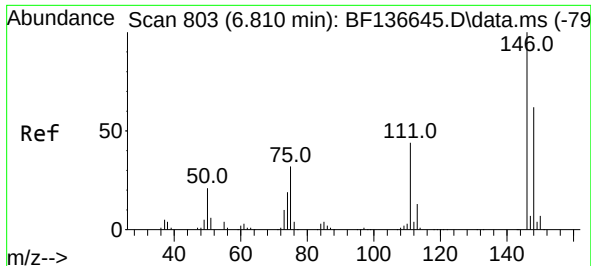
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#12
1,3-Dichlorobenzene
Concen: 38.218 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

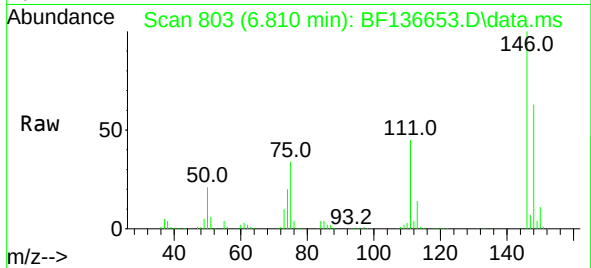
Tgt Ion:146 Resp: 277148
Ion Ratio Lower Upper
146 100
148 61.9 50.5 75.7
75 33.1 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 38.724 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

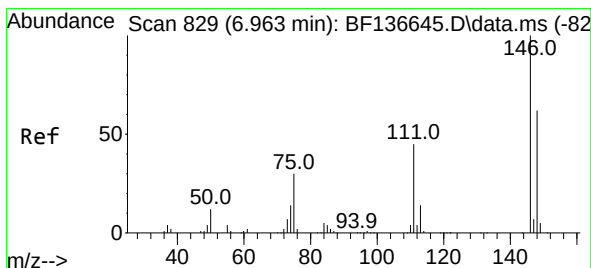
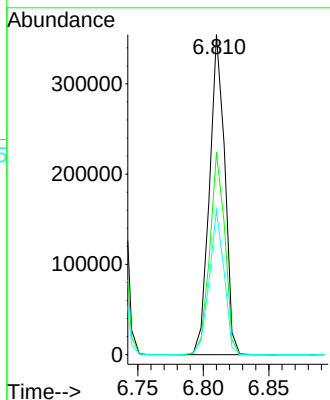
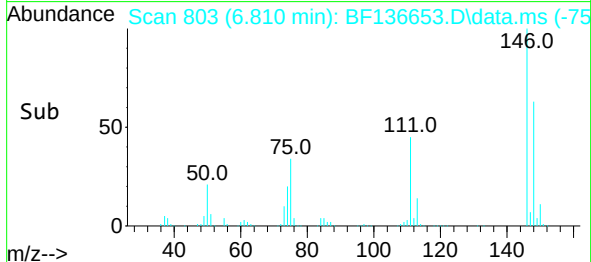
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



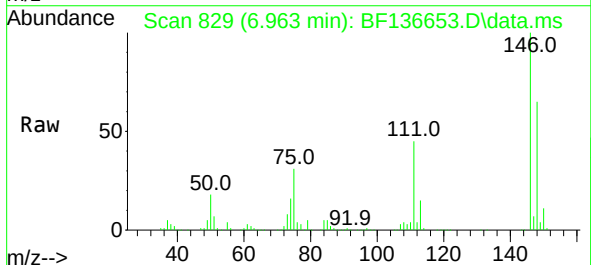
Tgt Ion:146 Resp: 286930
Ion Ratio Lower Upper
146 100
148 63.2 49.2 73.8
111 45.2 35.2 52.8

Manual Integrations
APPROVED

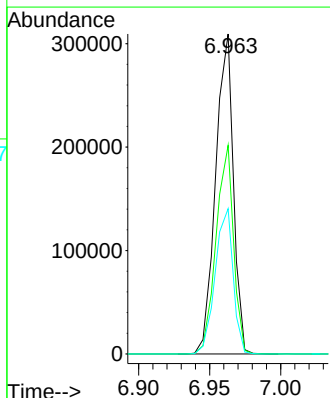
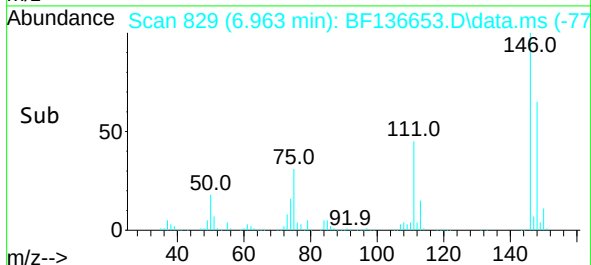
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

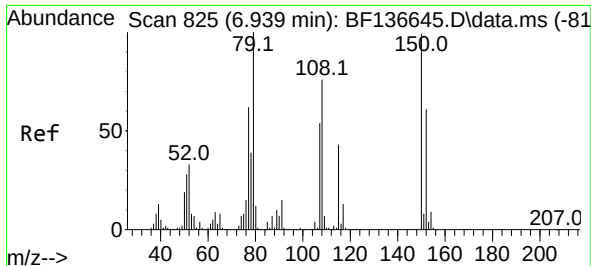


#14
1,2-Dichlorobenzene
Concen: 38.904 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



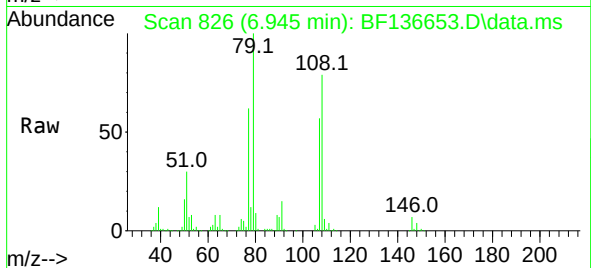
Tgt Ion:146 Resp: 268236
Ion Ratio Lower Upper
146 100
148 65.2 49.6 74.4
111 45.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 43.674 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

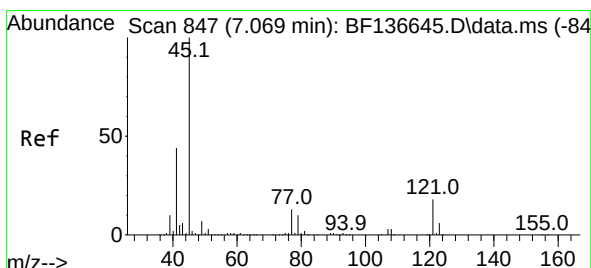
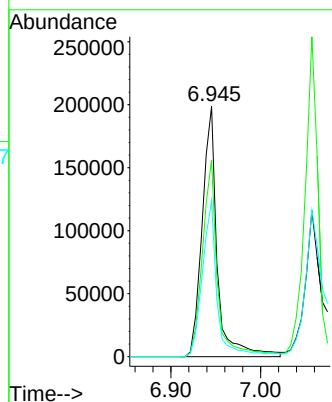
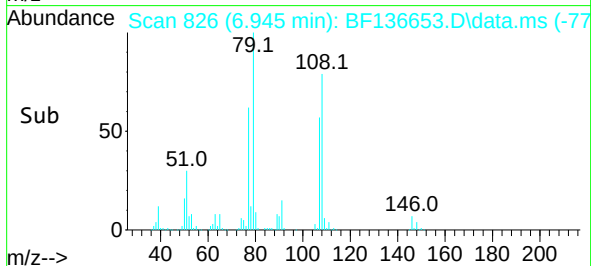
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion: 79 Resp: 231914
Ion Ratio Lower Upper
79 100
108 78.5 61.0 91.6
77 62.2 49.8 74.8

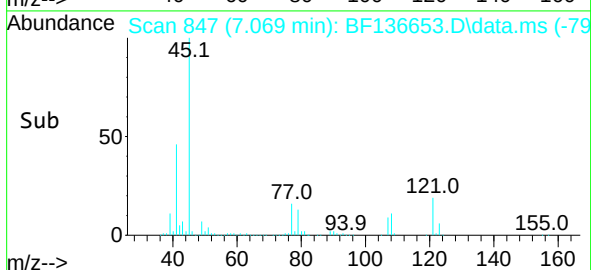
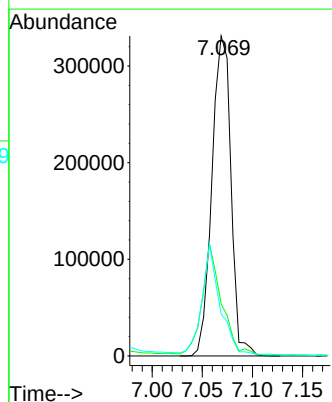
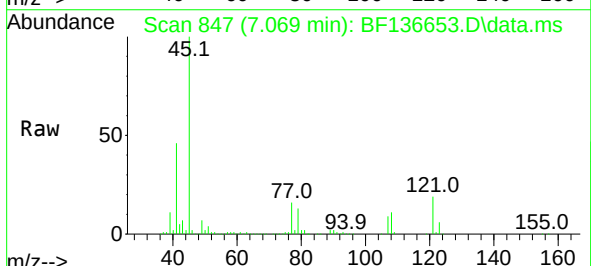
Manual Integrations
APPROVED

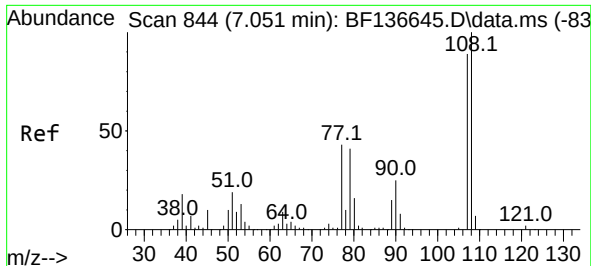
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.788 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

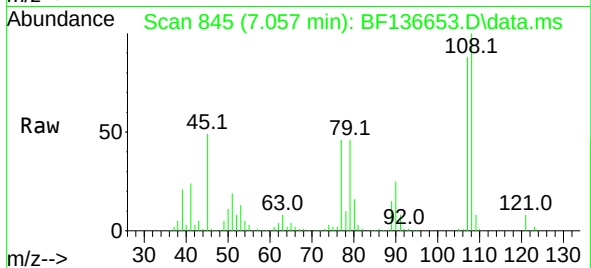
Tgt Ion: 45 Resp: 436565
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.3
79 13.1 0.0 31.4





#17
2-Methylphenol
Concen: 41.731 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

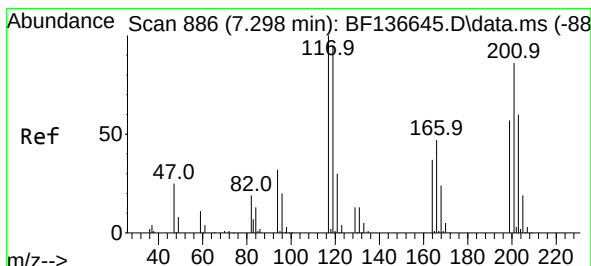
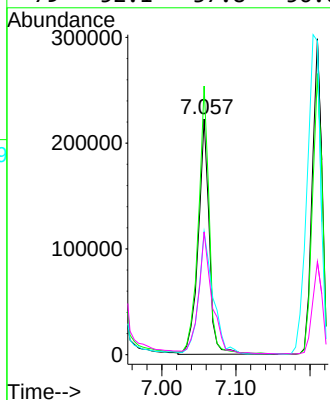
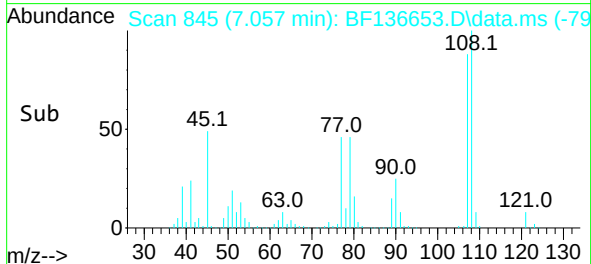
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion:107 Resp: 22981
Ion Ratio Lower Upper
107 100
108 114.0 90.3 135.5
77 52.2 38.7 58.1
79 52.1 37.8 56.6

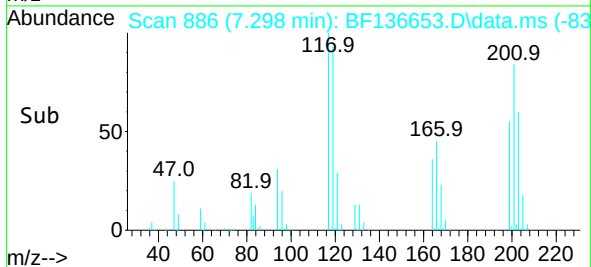
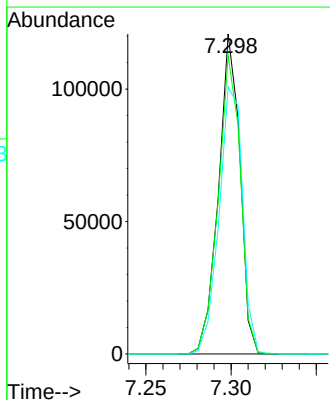
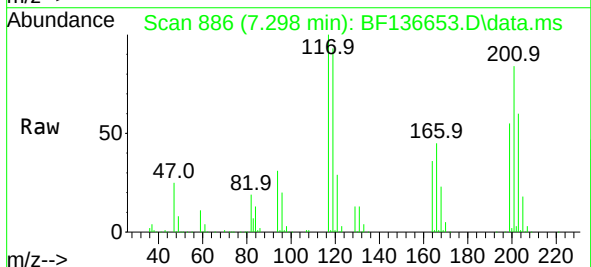
Manual Integrations
APPROVED

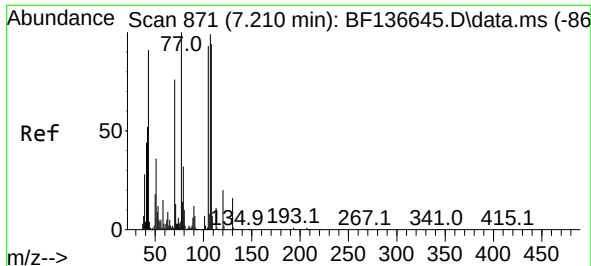
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#18
Hexachloroethane
Concen: 39.338 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

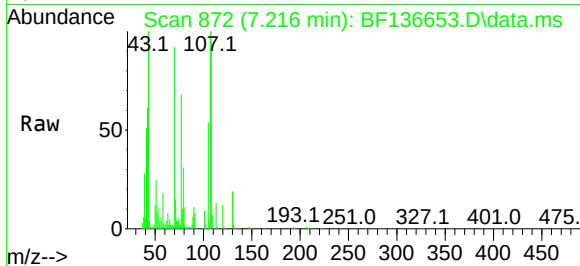
Tgt Ion:117 Resp: 105859
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
201 83.5 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.135 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

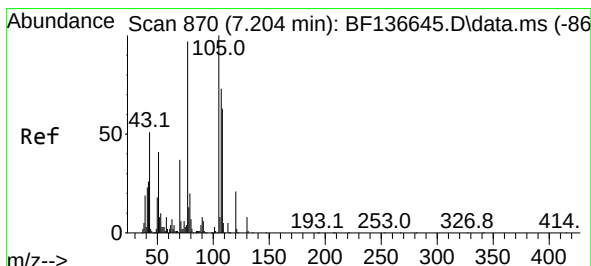
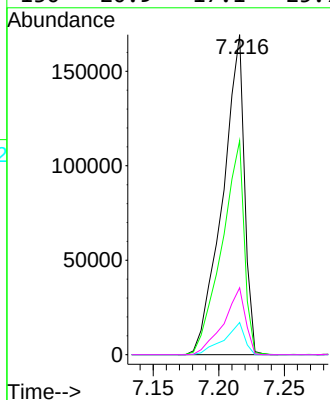
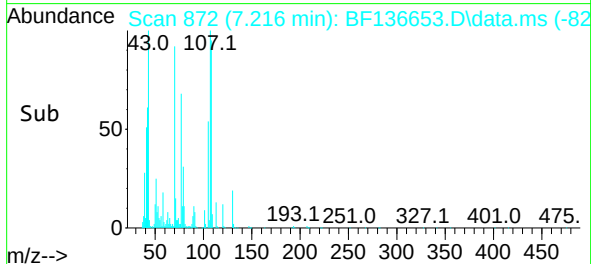
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



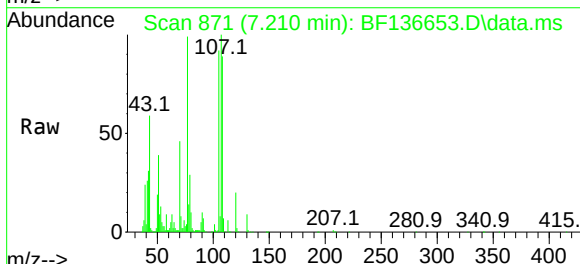
Tgt Ion: 70 Resp: 196274
Ion Ratio Lower Upper
70 100
42 66.9 54.2 81.4
101 10.1 7.6 11.4
130 20.9 17.1 25.7

Manual Integrations
APPROVED

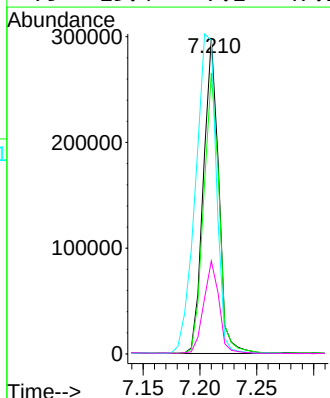
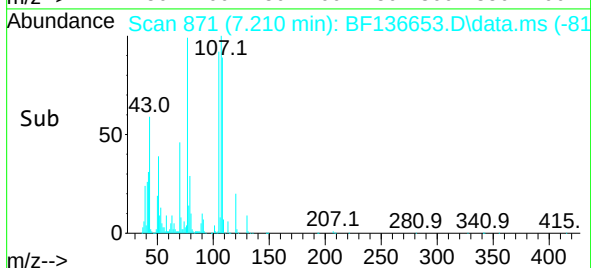
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

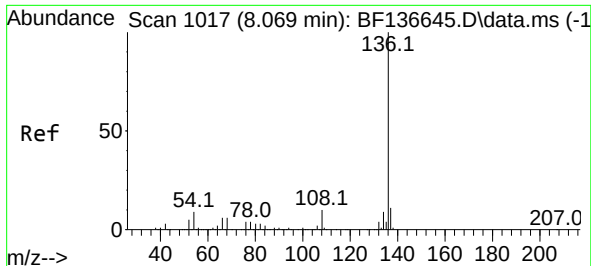


#20
3+4-Methylphenols
Concen: 40.227 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:107 Resp: 276764
Ion Ratio Lower Upper
107 100
108 89.0 66.0 106.0
77 99.4 114.2 154.2#
79 29.4 7.2 47.2





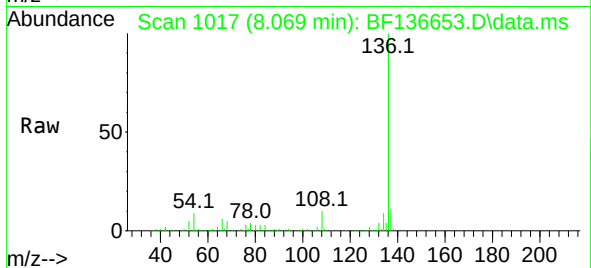
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD

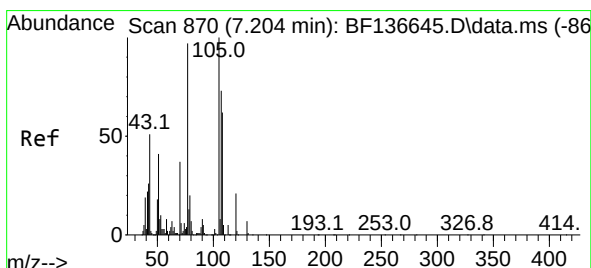
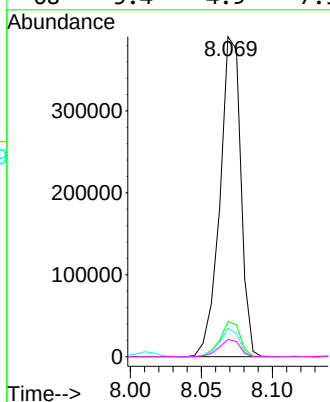
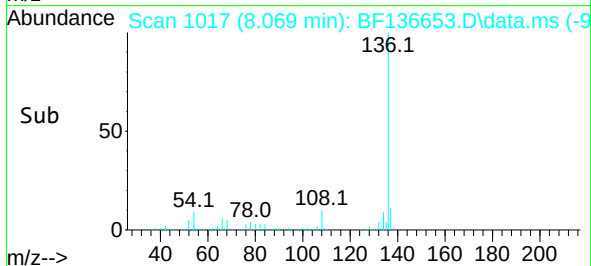


Tgt Ion:136 Resp: 399055
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.9 7.2 10.8
68 5.4 4.9 7.3

Manual Integrations

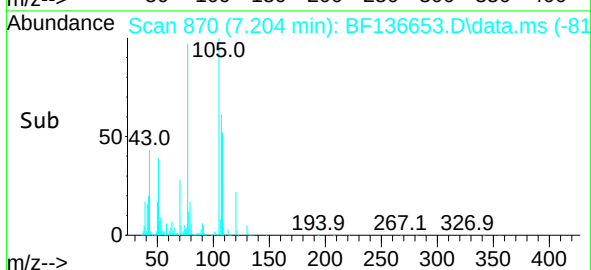
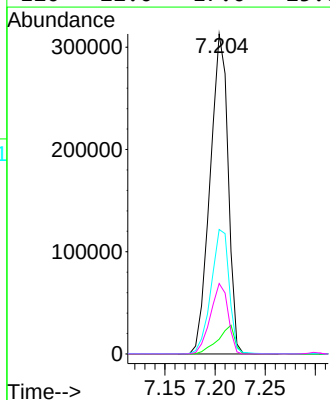
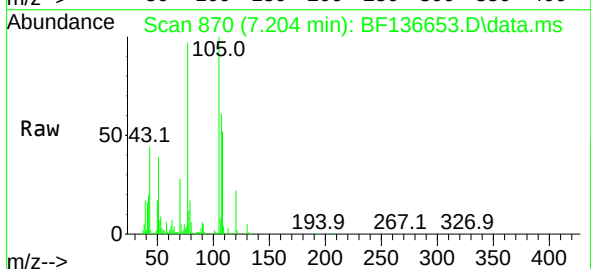
APPROVED

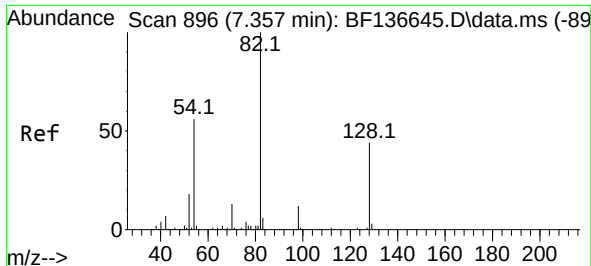
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#22
Acetophenone
Concen: 39.162 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Tgt Ion:105 Resp: 391711
Ion Ratio Lower Upper
105 100
71 4.6 4.8 7.2#
51 38.9 32.8 49.2
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 74.208 ng

RT: 7.363 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD

Tgt Ion: 82 Resp: 578708

Ion Ratio Lower Upper

82 100

128 44.7 35.3 52.9

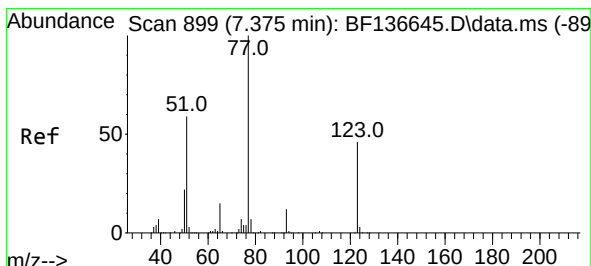
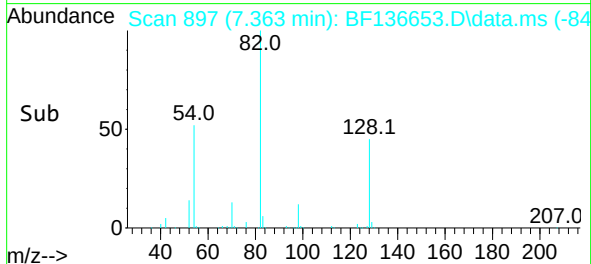
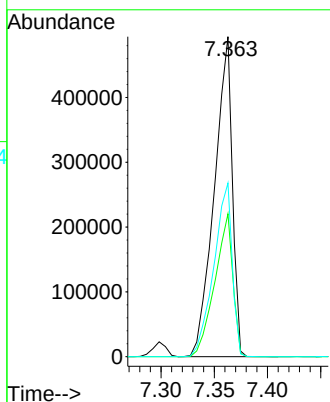
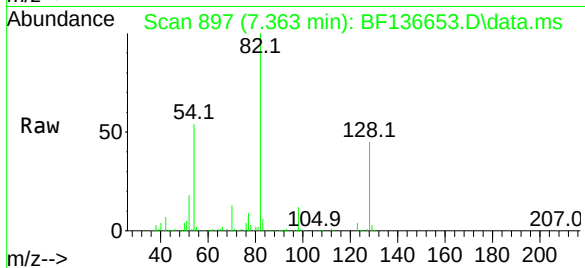
54 54.3 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#24

Nitrobenzene

Concen: 37.766 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

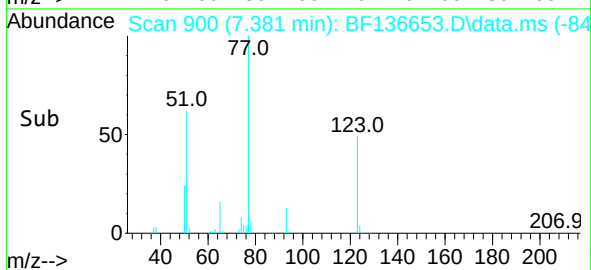
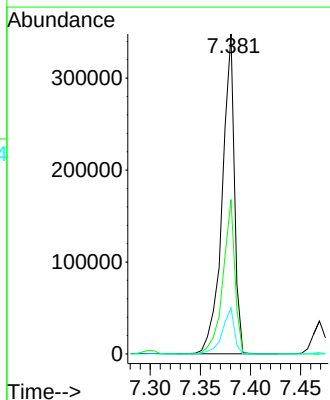
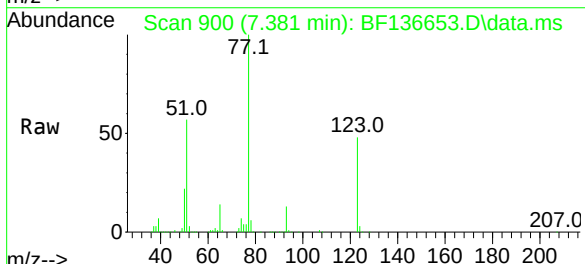
Tgt Ion: 77 Resp: 295023

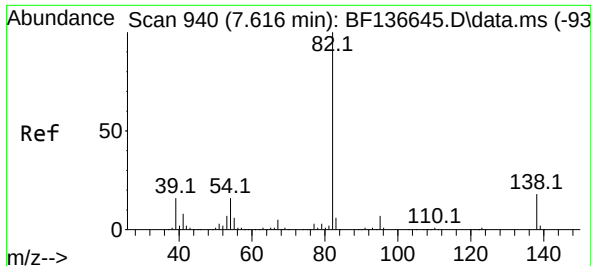
Ion Ratio Lower Upper

77 100

123 48.2 36.7 55.1

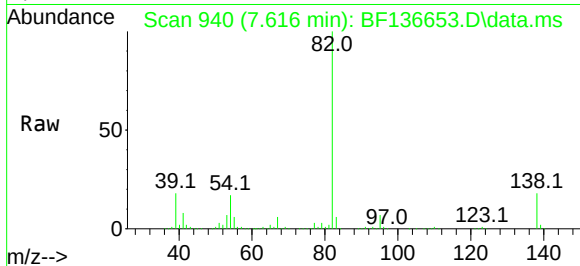
65 14.4 11.8 17.6





#25
Isophorone
Concen: 38.801 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

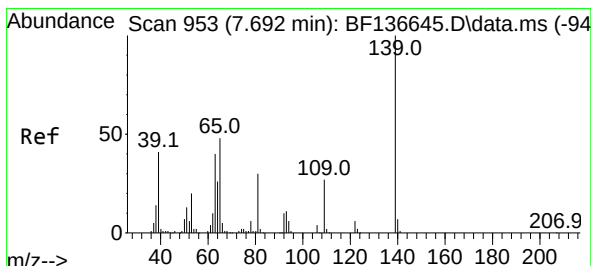
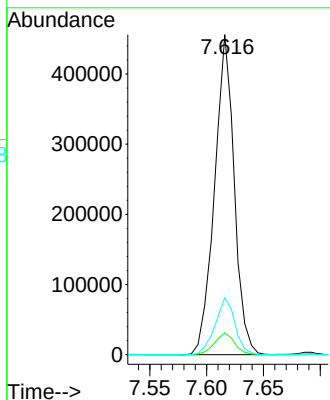
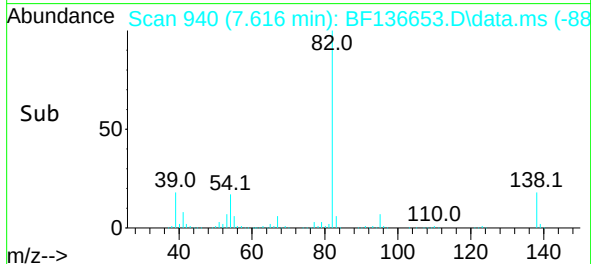
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



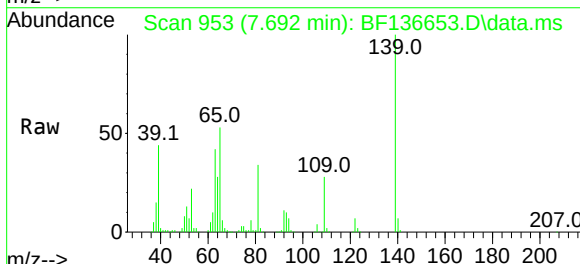
Tgt Ion: 82 Resp: 550588
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.8 14.5 21.7

Manual Integrations
APPROVED

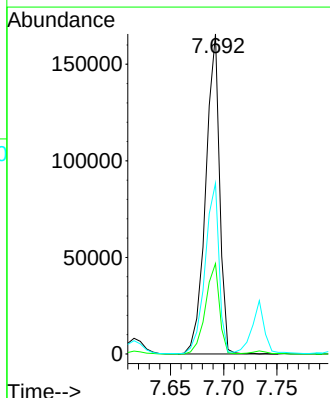
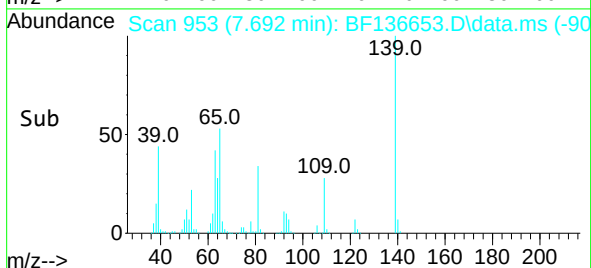
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

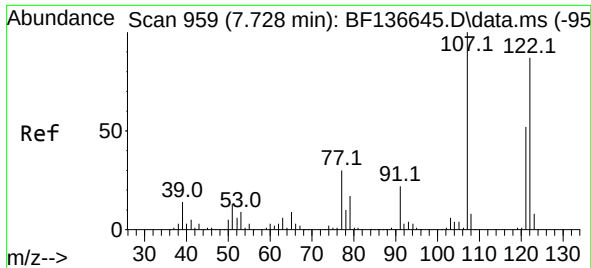


#26
2-Nitrophenol
Concen: 40.350 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:139 Resp: 150810
Ion Ratio Lower Upper
139 100
109 28.2 21.9 32.9
65 53.3 38.6 58.0





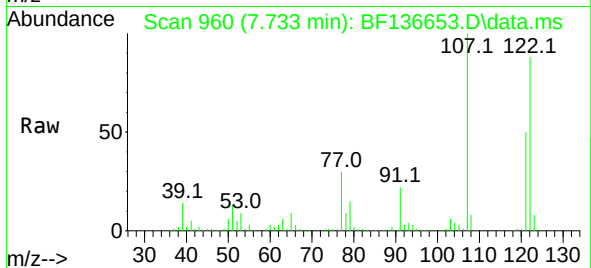
#27
2,4-Dimethylphenol
Concen: 52.075 ng
RT: 7.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD

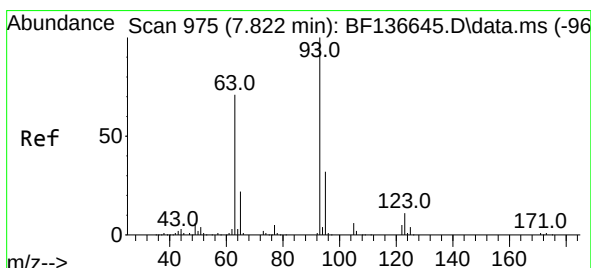
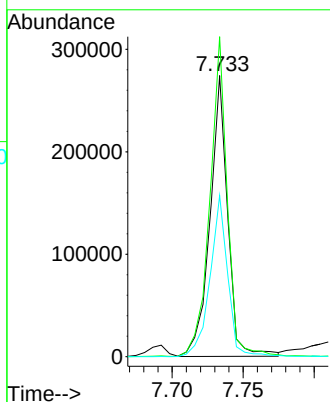
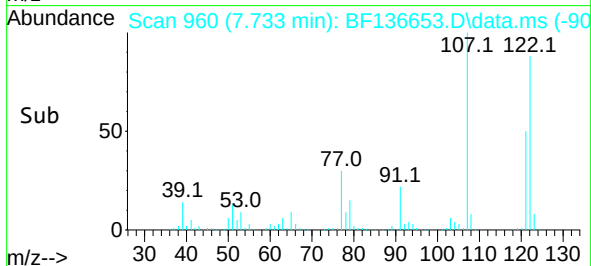


Tgt Ion:122 Resp: 23695
Ion Ratio Lower Upper
122 100
107 113.8 92.0 138.0
121 57.3 47.5 71.3

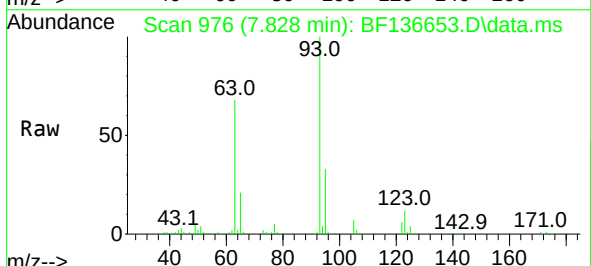
Manual Integrations

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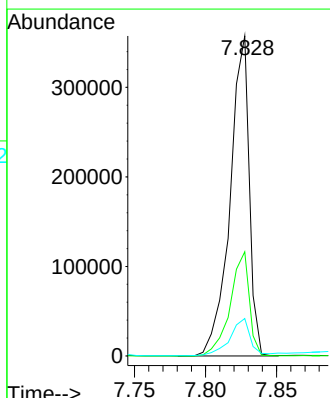
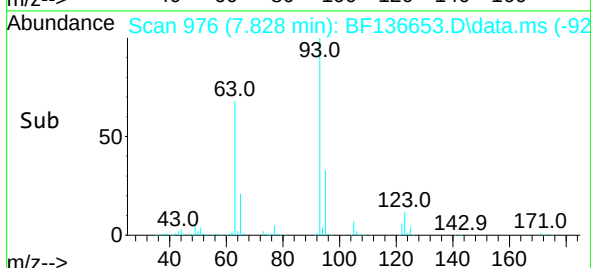
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

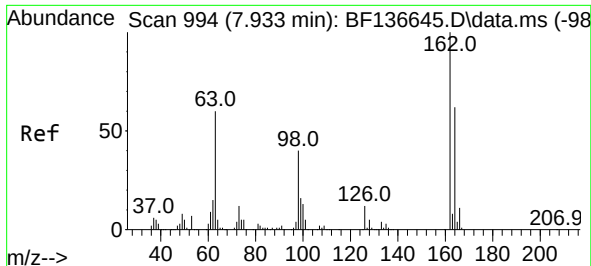


#28
bis(2-Chloroethoxy)methane
Concen: 39.049 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



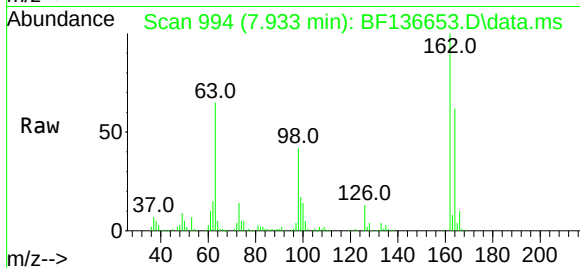
Tgt Ion: 93 Resp: 336815
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 11.7 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 39.443 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

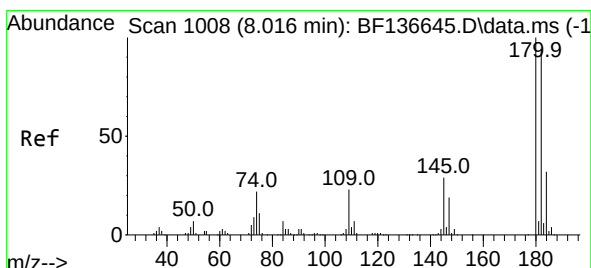
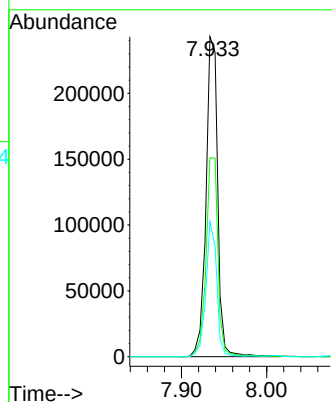
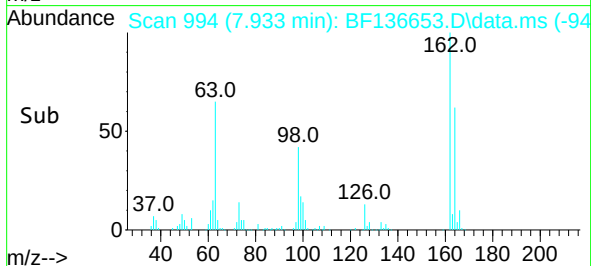
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



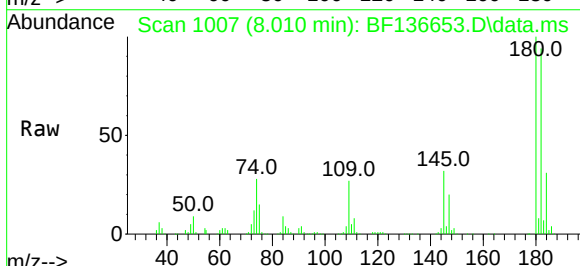
Tgt Ion:162 Resp: 231062
Ion Ratio Lower Upper
162 100
164 62.1 41.7 81.7
98 42.2 19.5 59.5

Manual Integrations
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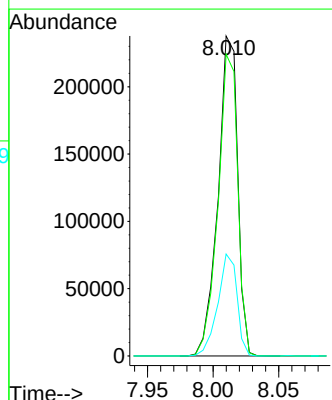
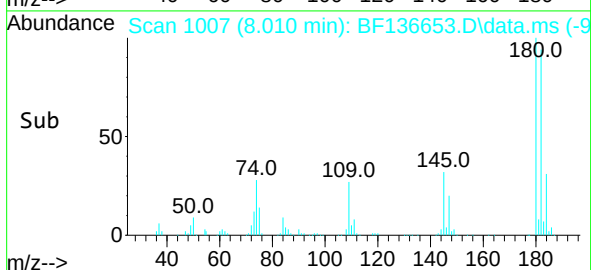
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

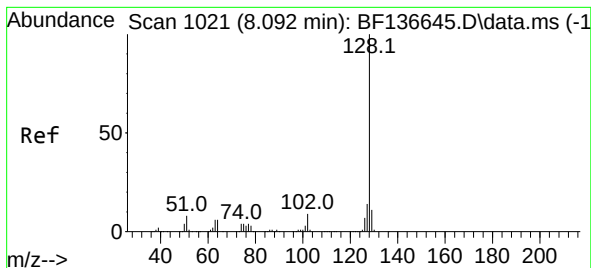


#30
1,2,4-Trichlorobenzene
Concen: 37.927 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:180 Resp: 247549
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.0
145 31.8 23.1 34.7





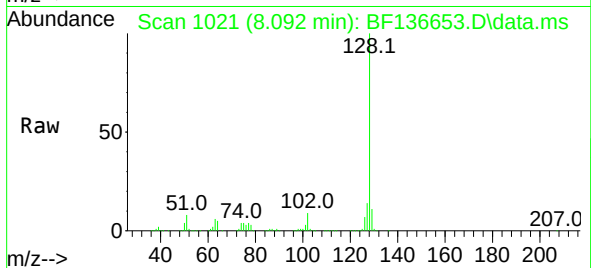
#31
Naphthalene
Concen: 37.750 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD



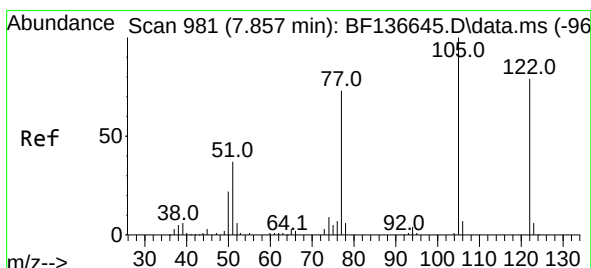
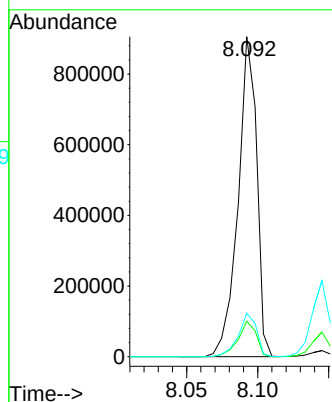
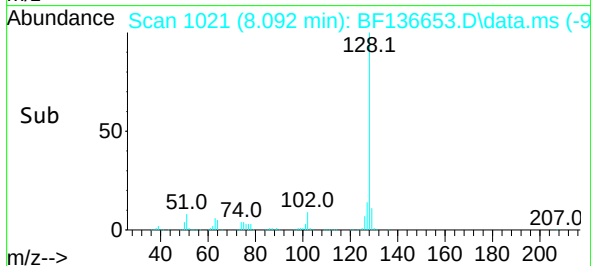
Tgt Ion:128 Resp: 82759
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.8 16.2

Manual Integrations

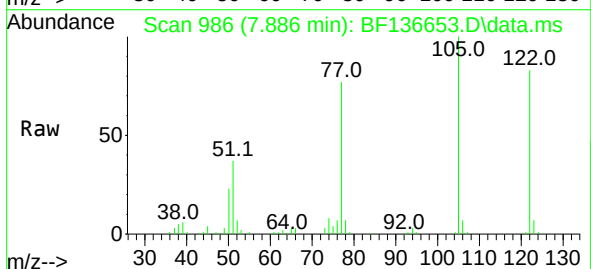
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

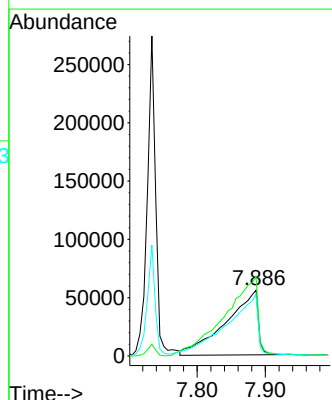
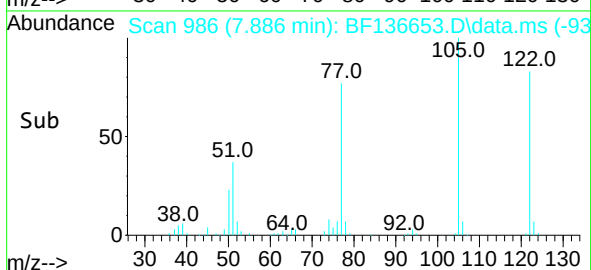
Supervised By :mohammad ahmed 12/21/2023

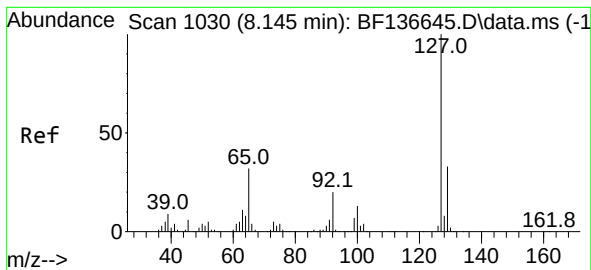


#32
Benzoic acid
Concen: 40.928 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:122 Resp: 180195
Ion Ratio Lower Upper
122 100
105 120.7 100.8 140.8
77 93.5 70.9 110.9





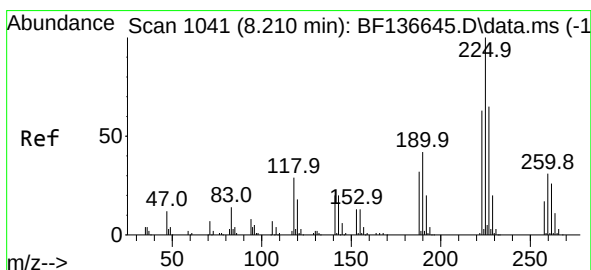
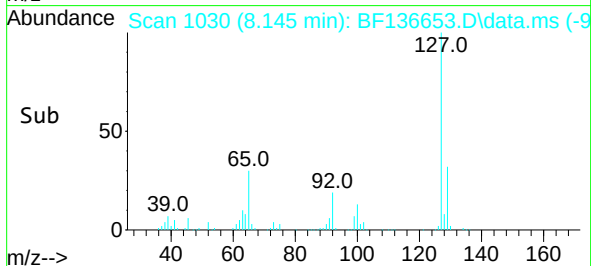
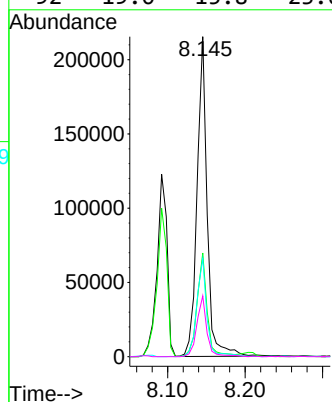
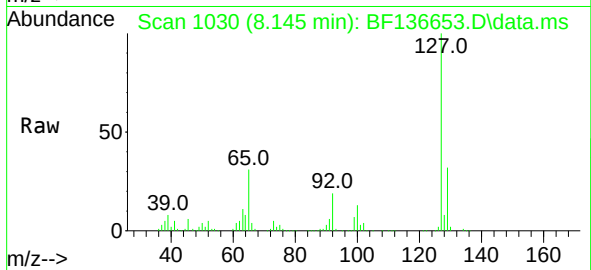
#33
4-Chloroaniline
Concen: 24.035 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Instrument :
BNA_F
ClientSampleId :
PB157610BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	30.7	25.8	38.8
92	19.0	15.8	23.6

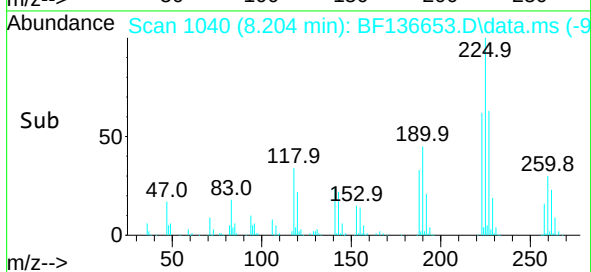
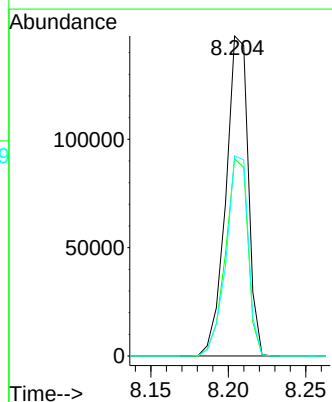
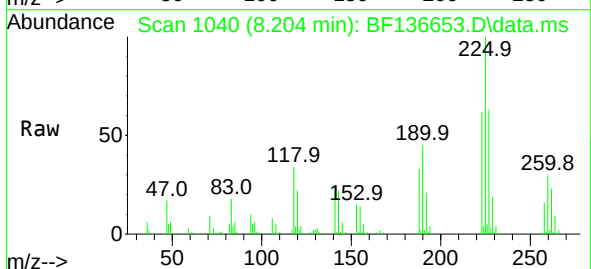
Manual Integrations
APPROVED

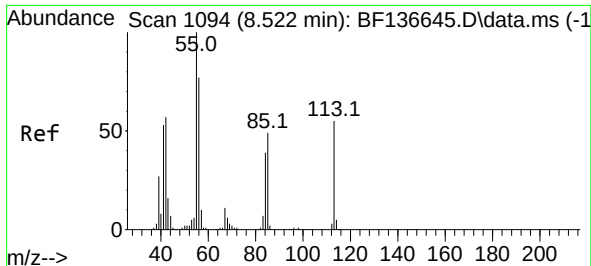
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#34
Hexachlorobutadiene
Concen: 37.266 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

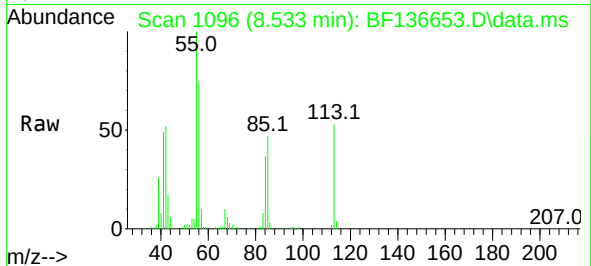
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	62.6	51.9	77.9





#35
Caprolactam
Concen: 39.420 ng m
RT: 8.533 min Scan# 1094
Delta R.T. 0.012 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

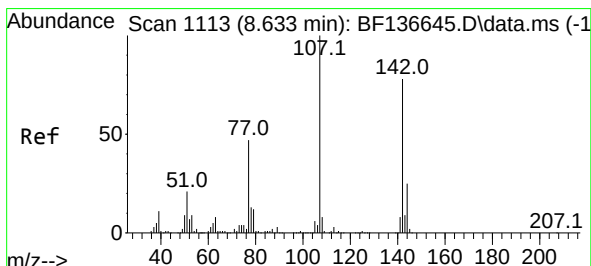
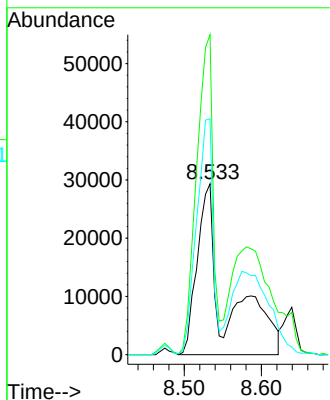
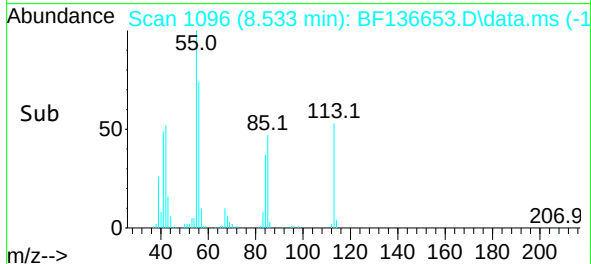
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion:113 Resp: 7618
Ion Ratio Lower Upper
113 100
55 187.2 163.1 203.1
56 138.1 121.7 161.7

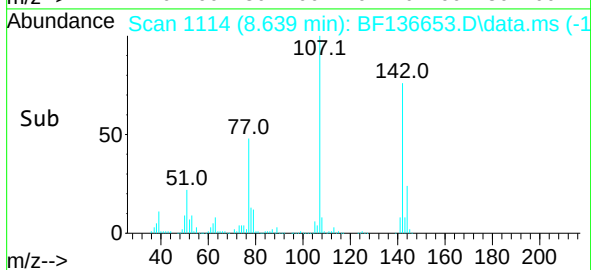
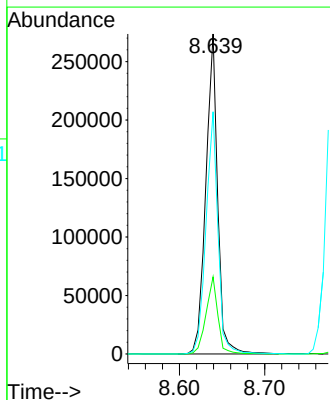
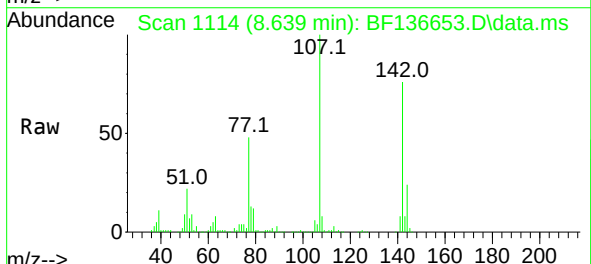
Manual Integrations
APPROVED

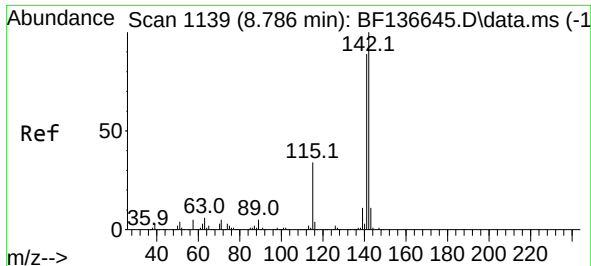
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#36
4-Chloro-3-methylphenol
Concen: 39.950 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Tgt Ion:107 Resp: 263468
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 75.7 62.3 93.5





#37
2-Methylnaphthalene
Concen: 37.481 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

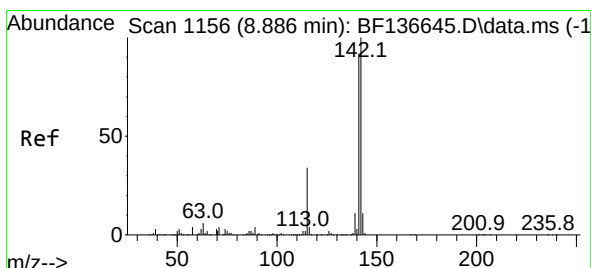
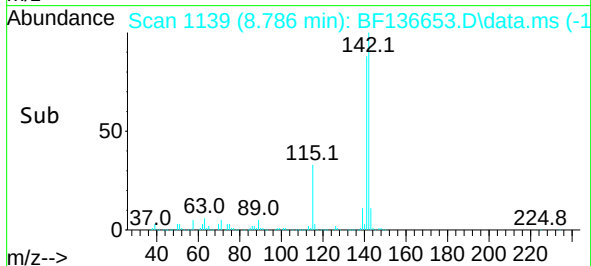
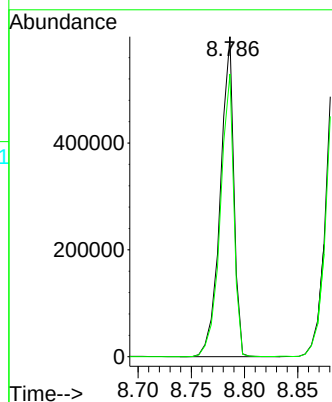
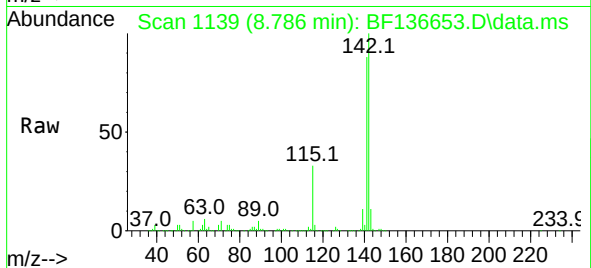
ClientSampleId :

PB157610BSD

Tgt Ion:142 Resp: 52882
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

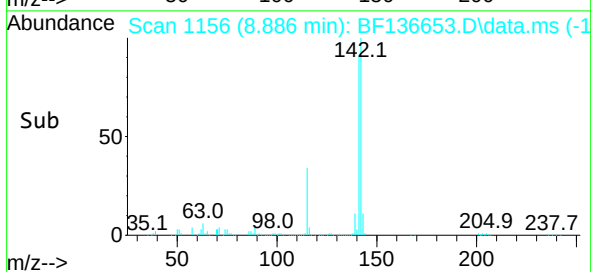
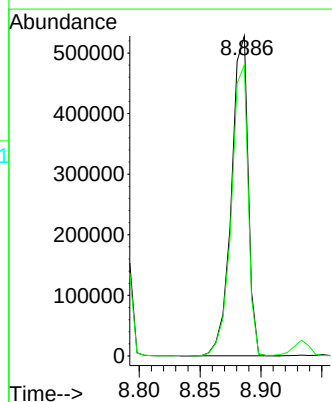
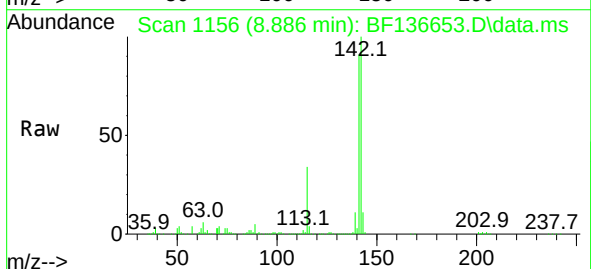
Manual Integrations
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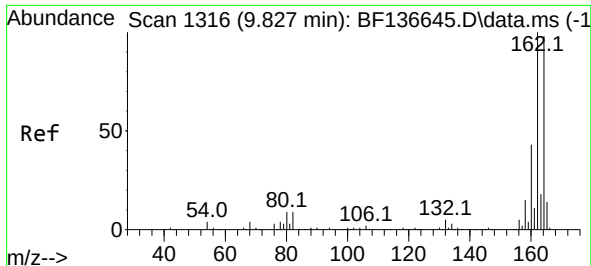
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#38
1-Methylnaphthalene
Concen: 36.441 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Tgt Ion:142 Resp: 504418
Ion Ratio Lower Upper
142 100
141 90.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF136653.D

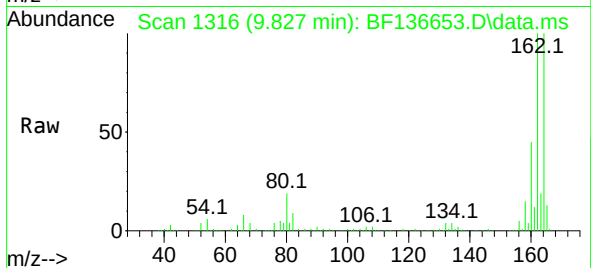
Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD



Tgt Ion:164 Resp: 204119

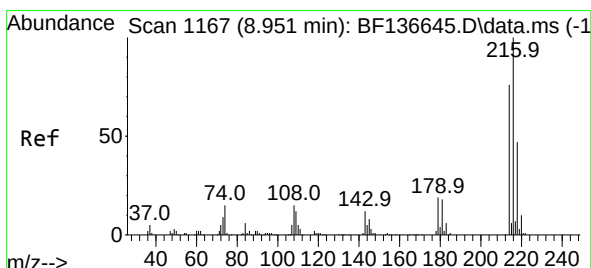
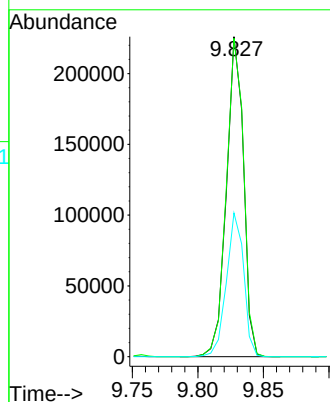
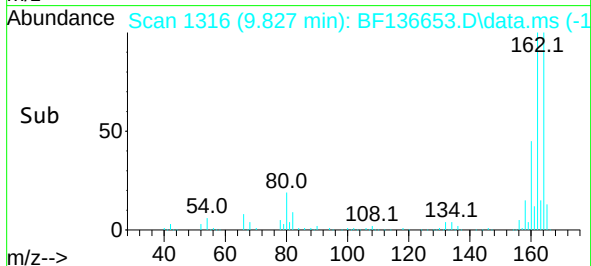
Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.6	122.4
160	44.9	34.9	52.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#40

1,2,4,5-Tetrachlorobenzene

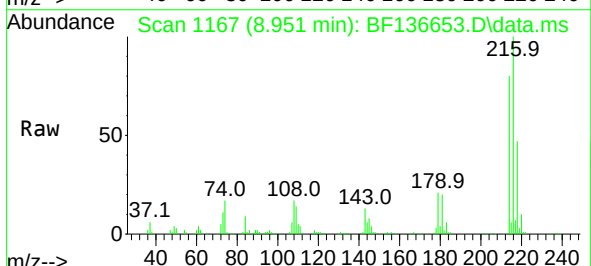
Concen: 39.513 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

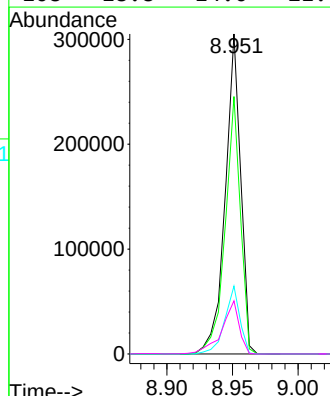
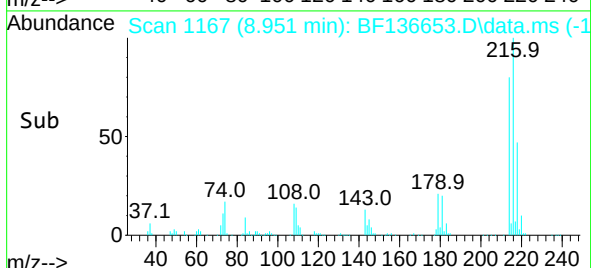
Lab File: BF136653.D

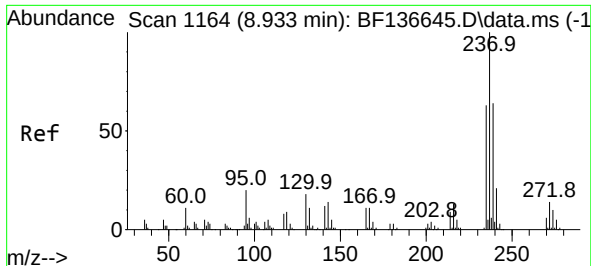
Acq: 20 Dec 2023 18:02



Tgt Ion:216 Resp: 249781

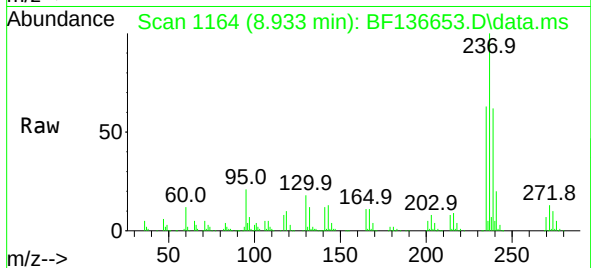
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.3	93.5
179	20.7	16.4	24.6
108	18.8	14.0	21.0





#41
Hexachlorocyclopentadiene
Concen: 96.835 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

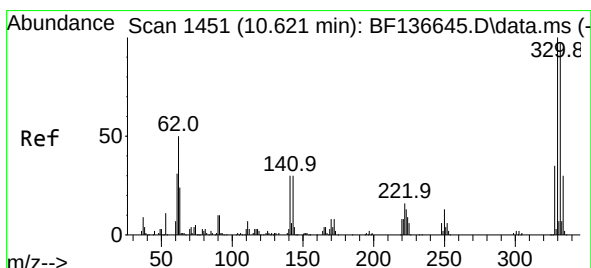
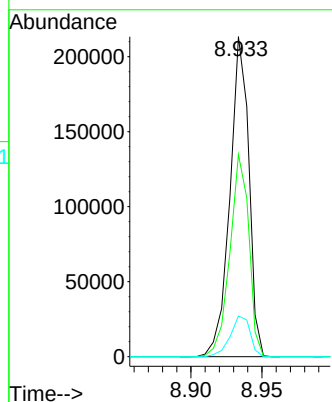
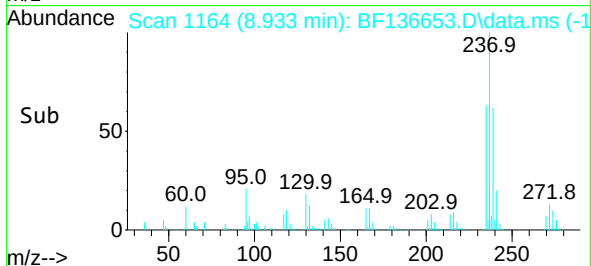
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



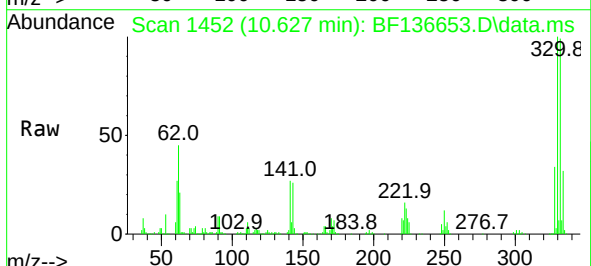
Tgt Ion:237 Resp: 197390
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 12.7 0.0 34.2

Manual Integrations
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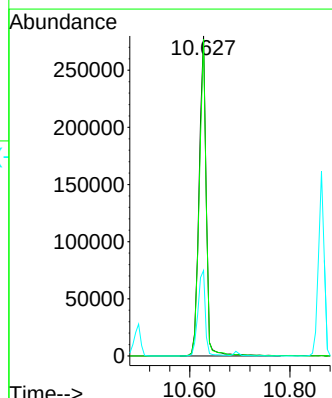
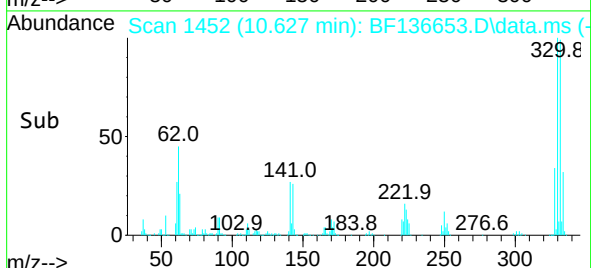
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

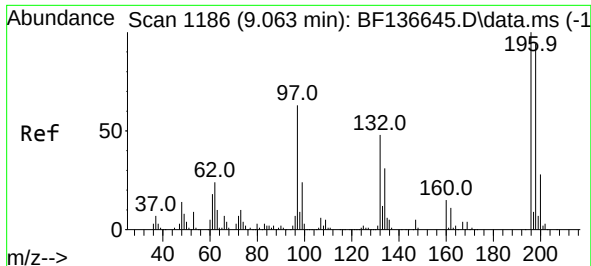


#42
2,4,6-Tribromophenol
Concen: 113.367 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



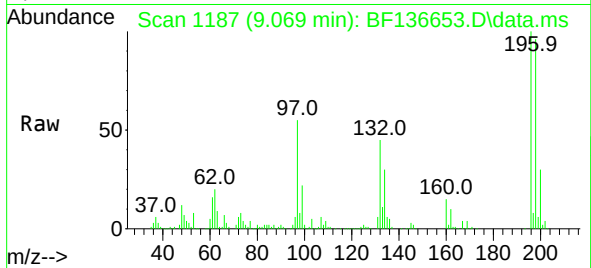
Tgt Ion:330 Resp: 272530
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 27.9 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 41.296 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

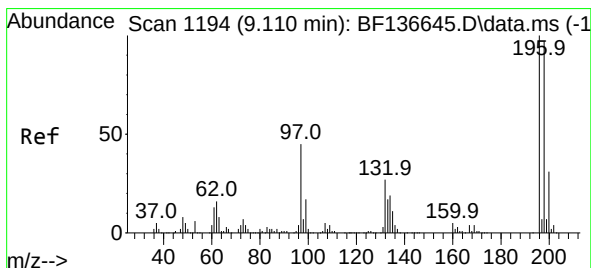
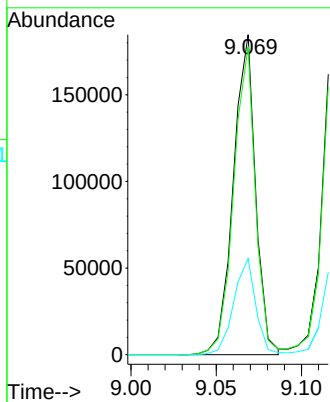
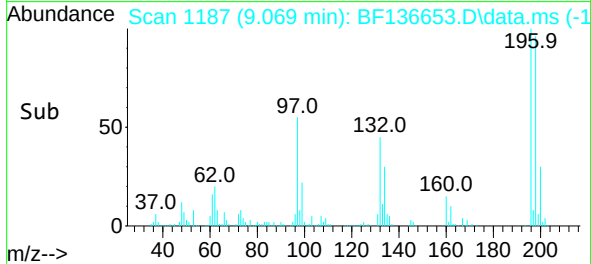
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



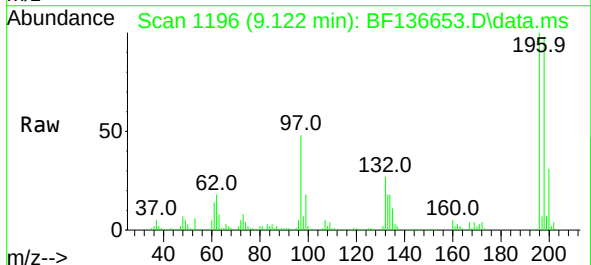
Tgt Ion:196 Resp: 167418
Ion Ratio Lower Upper
196 100
198 96.3 75.1 112.7
200 30.0 22.5 33.7

Manual Integrations
APPROVED

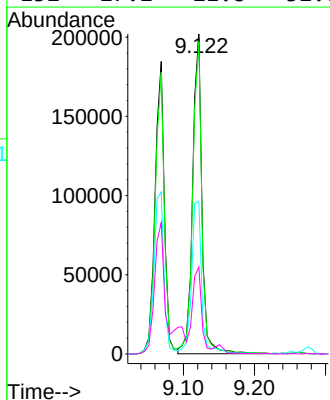
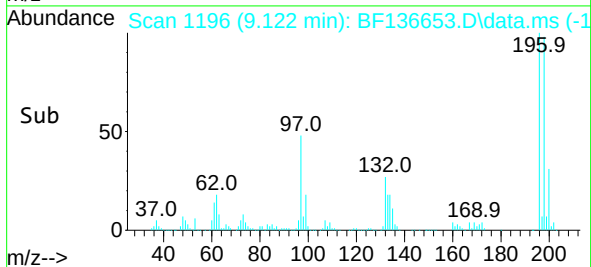
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

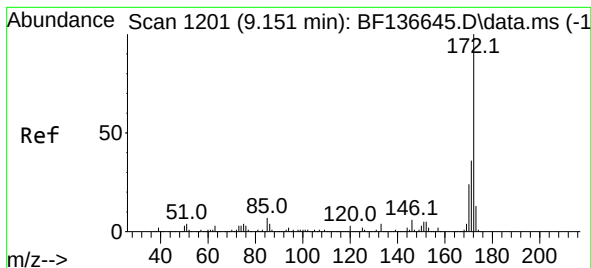


#44
2,4,5-Trichlorophenol
Concen: 40.819 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:196 Resp: 184406
Ion Ratio Lower Upper
196 100
198 97.6 77.0 115.6
97 47.7 36.1 54.1
132 27.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 73.219 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD

Tgt Ion:172 Resp: 1111200

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

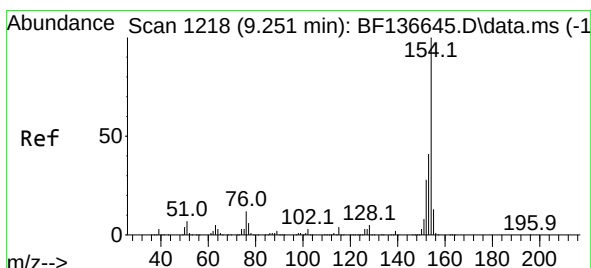
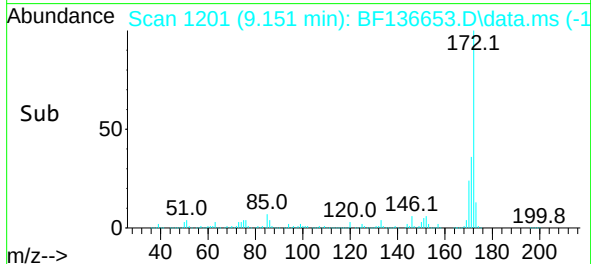
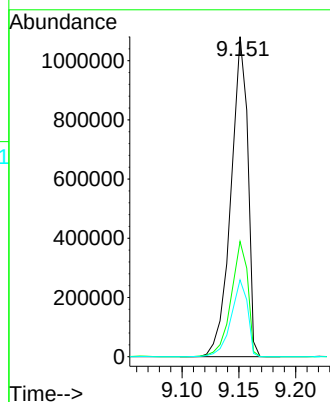
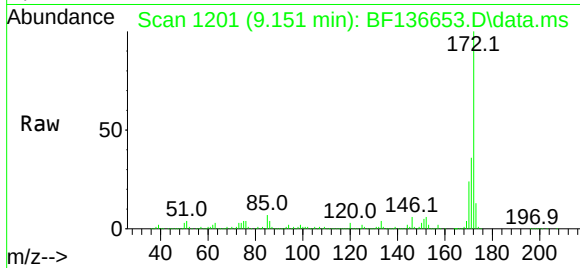
170 24.0 19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#46

1,1'-Biphenyl

Concen: 38.793 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

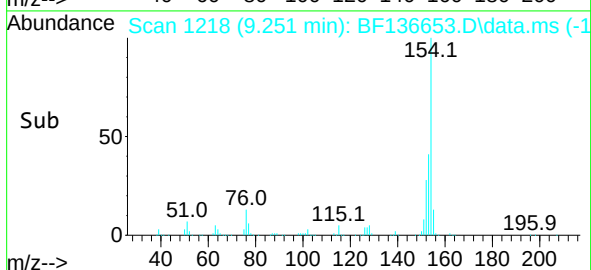
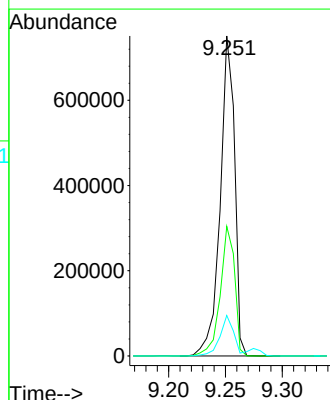
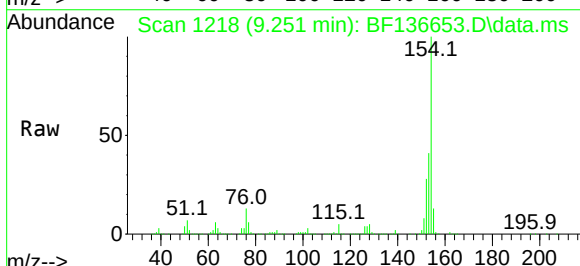
Tgt Ion:154 Resp: 664476

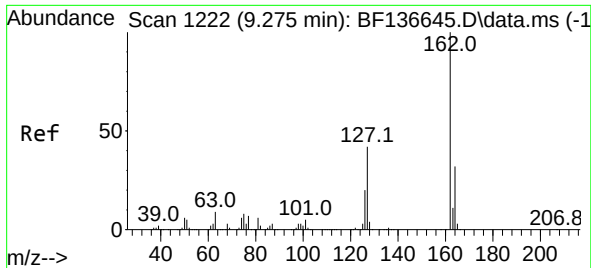
Ion Ratio Lower Upper

154 100

153 40.5 21.1 61.1

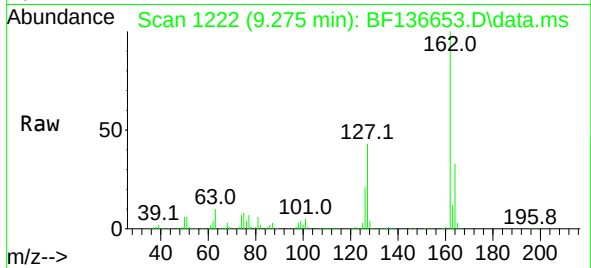
76 12.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 38.500 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

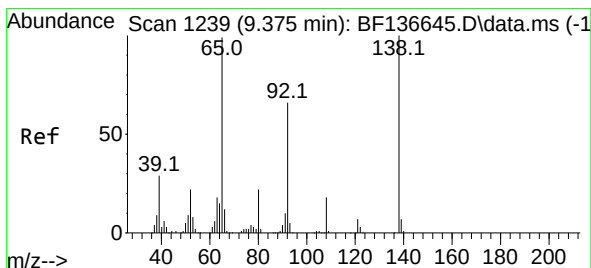
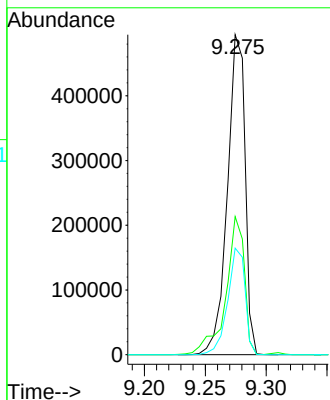
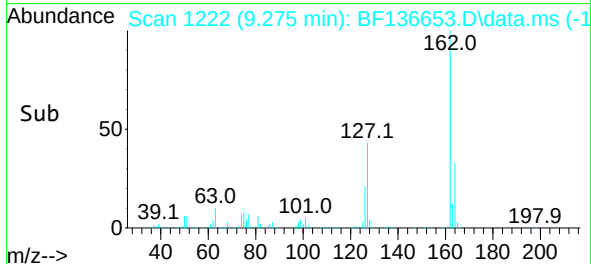
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



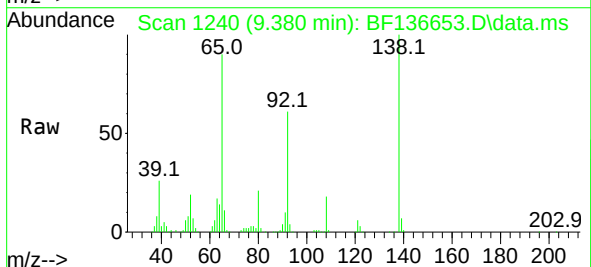
Tgt Ion:162 Resp: 501329
Ion Ratio Lower Upper
162 100
127 43.2 33.6 50.4
164 33.3 25.7 38.5

Manual Integrations
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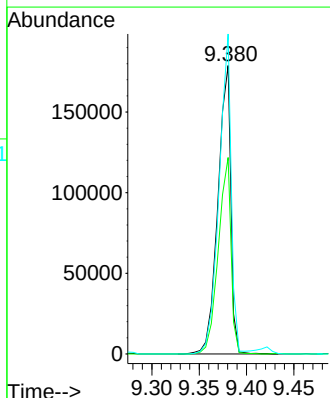
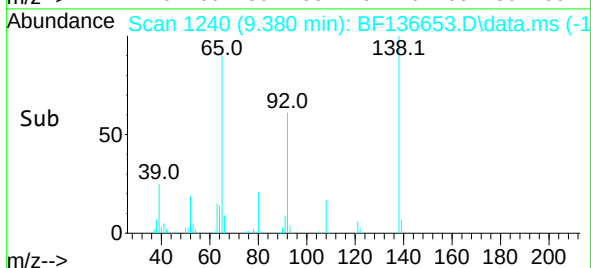
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

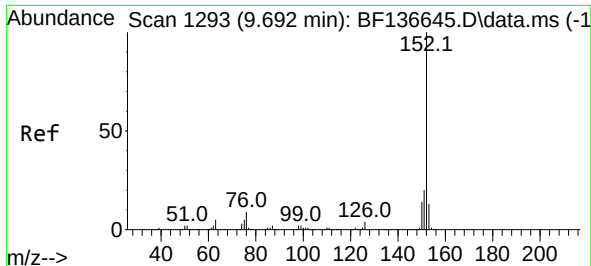


#48
2-Nitroaniline
Concen: 41.599 ng
RT: 9.380 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



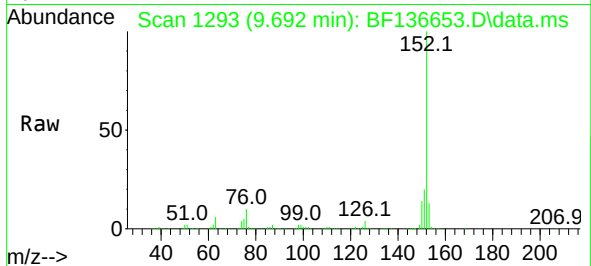
Tgt Ion: 65 Resp: 169628
Ion Ratio Lower Upper
65 100
92 68.1 53.2 79.8
138 111.0 81.1 121.7





#49
Acenaphthylene
Concen: 40.672 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

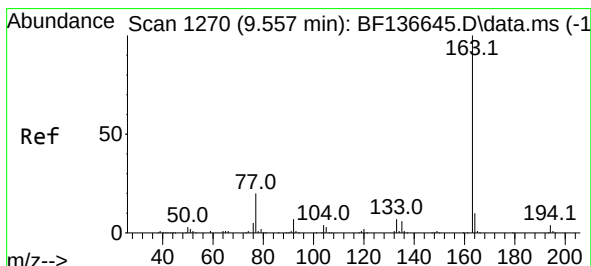
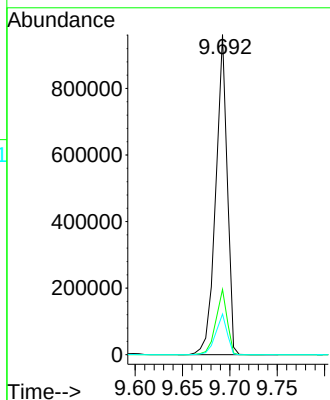
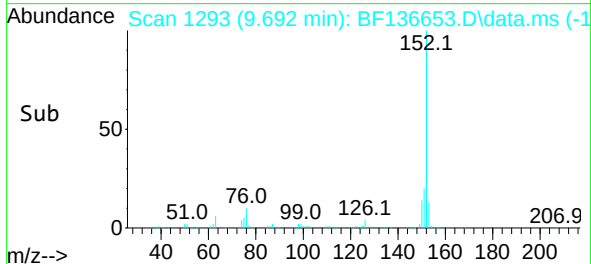
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



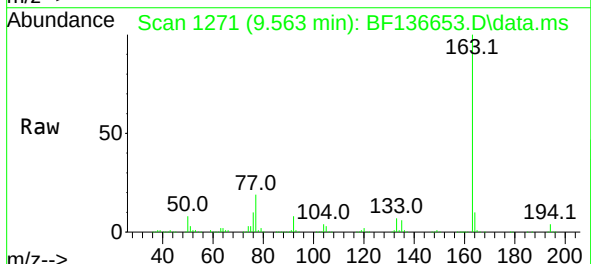
Tgt Ion:152 Resp: 809511
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.7 10.2 15.2

Manual Integrations
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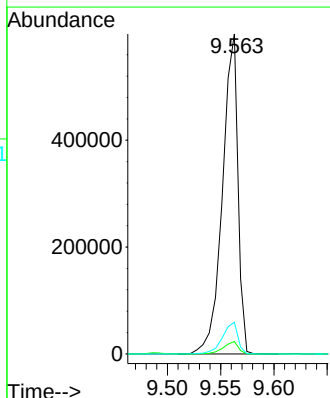
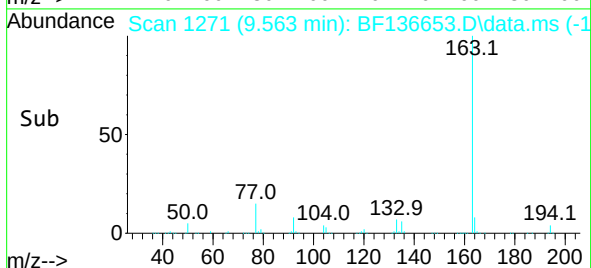
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

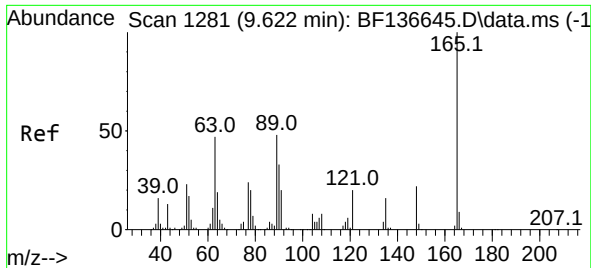


#50
Dimethylphthalate
Concen: 40.507 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



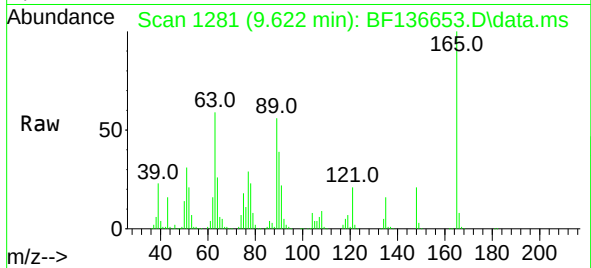
Tgt Ion:163 Resp: 603931
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 39.720 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

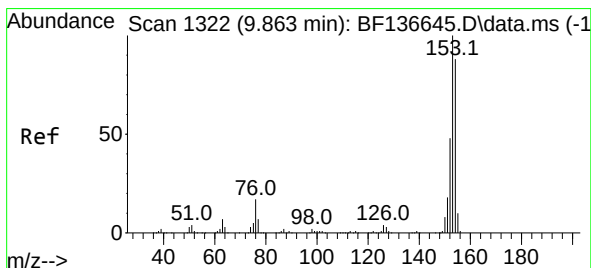
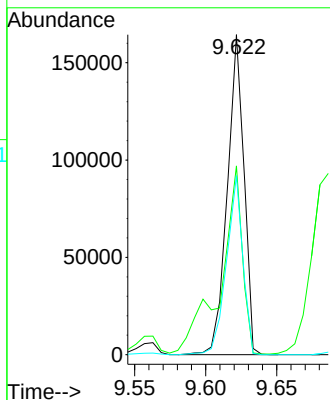
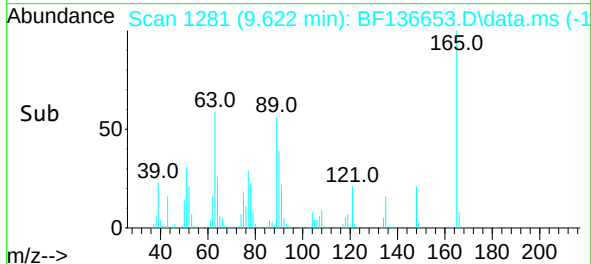
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion:165 Resp: 134399
Ion Ratio Lower Upper
165 100
63 59.0 39.8 59.6
89 56.0 38.8 58.2

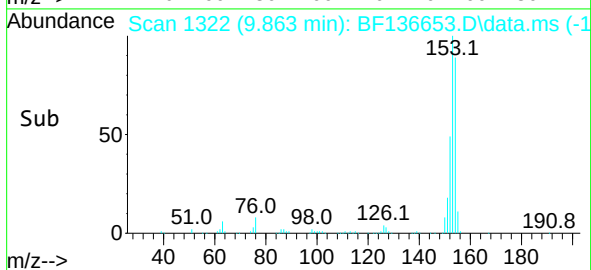
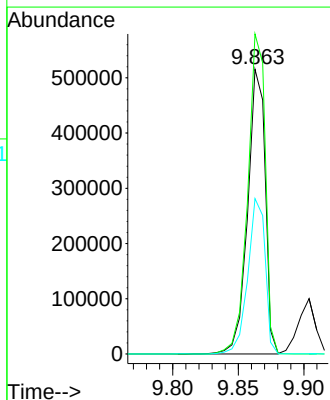
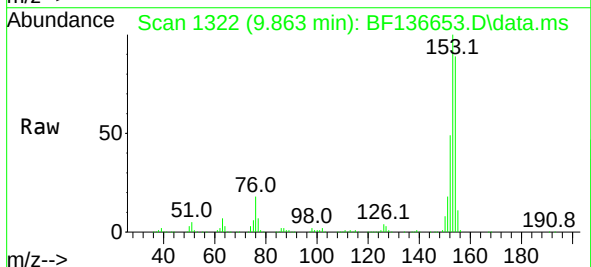
Manual Integrations
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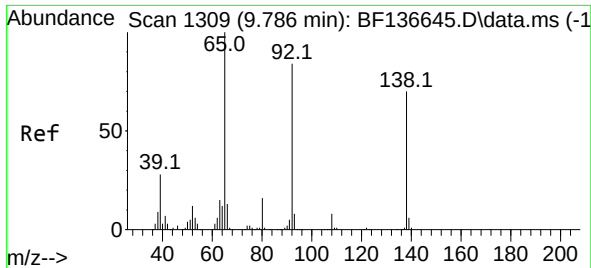
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#52
Acenaphthene
Concen: 38.764 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

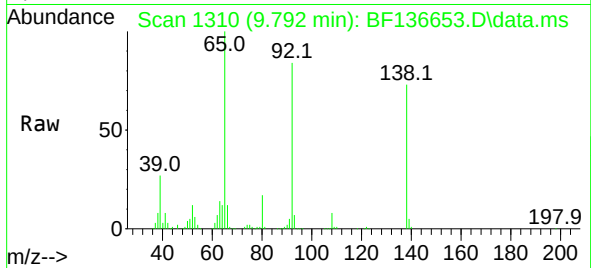
Tgt Ion:154 Resp: 478254
Ion Ratio Lower Upper
154 100
153 112.4 90.7 136.1
152 54.6 43.7 65.5





#53
3-Nitroaniline
Concen: 32.955 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

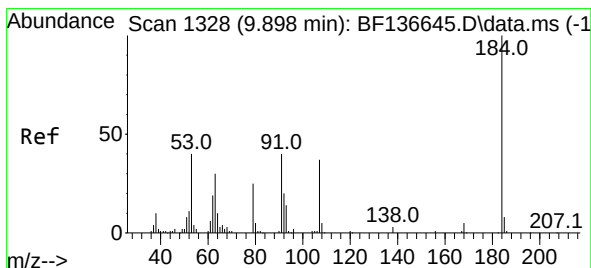
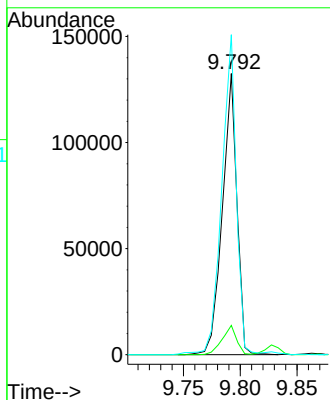
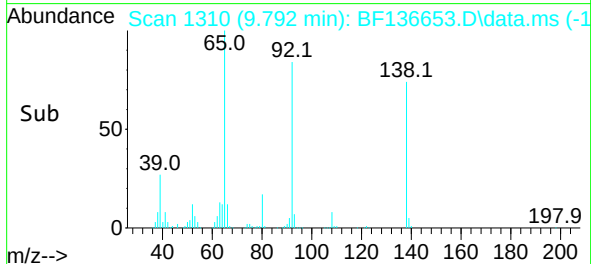
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



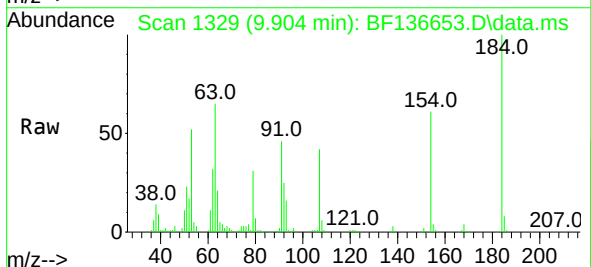
Tgt Ion:138 Resp: 11812
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 113.8 95.2 142.8

Manual Integrations
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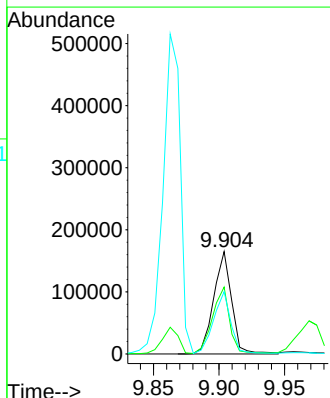
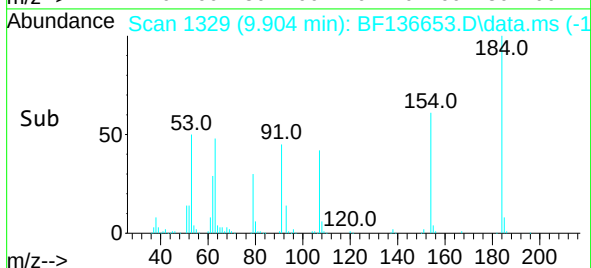
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

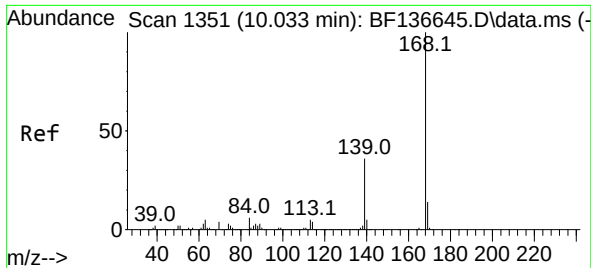


#54
2,4-Dinitrophenol
Concen: 83.550 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



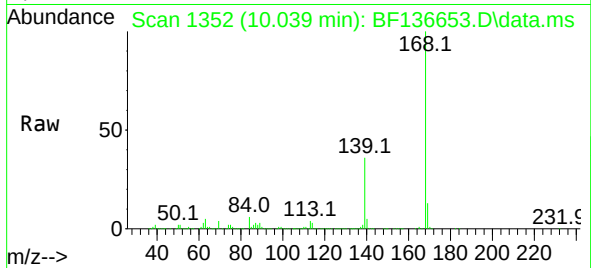
Tgt Ion:184 Resp: 157009
Ion Ratio Lower Upper
184 100
63 65.3 40.9 61.3#
154 60.7 42.7 64.1





#55
Dibenzenofuran
Concen: 38.394 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

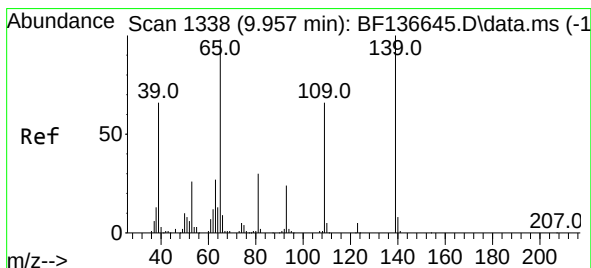
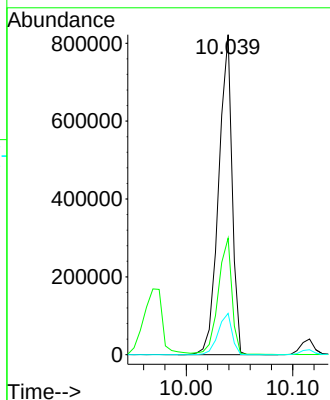
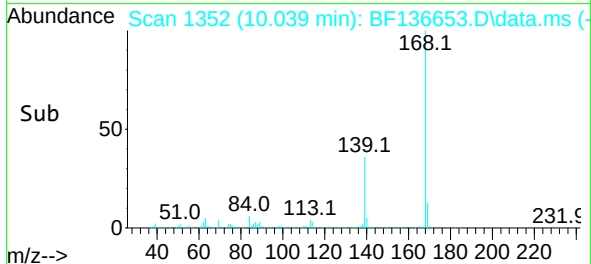
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



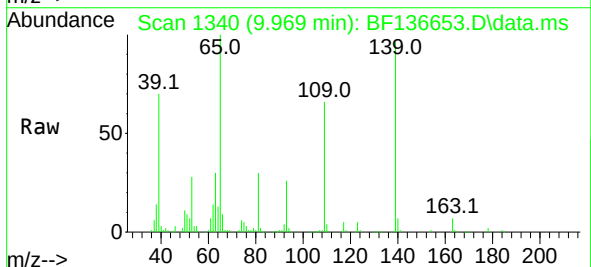
Tgt Ion:168 Resp: 718058
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 12.9 11.0 16.4

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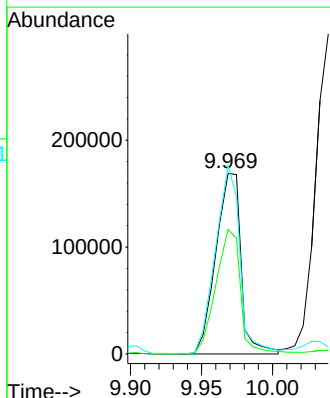
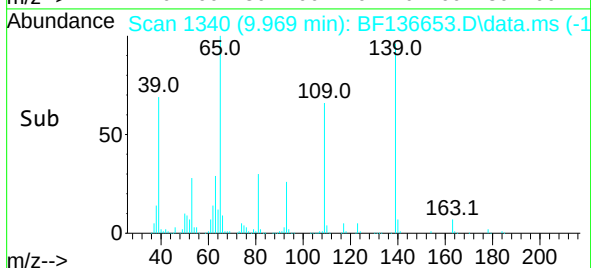
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

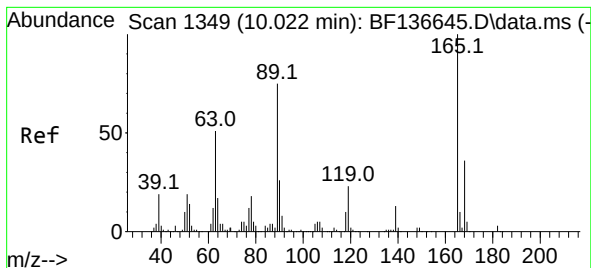


#56
4-Nitrophenol
Concen: 85.953 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



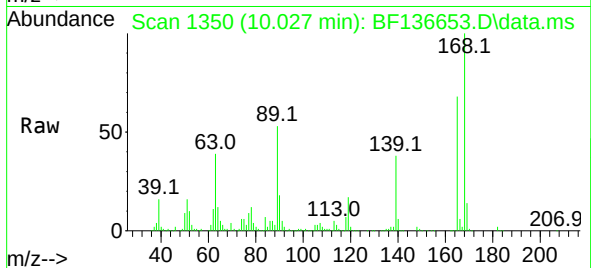
Tgt Ion:139 Resp: 207978
Ion Ratio Lower Upper
139 100
109 68.9 45.8 85.8
65 104.2 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 39.136 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

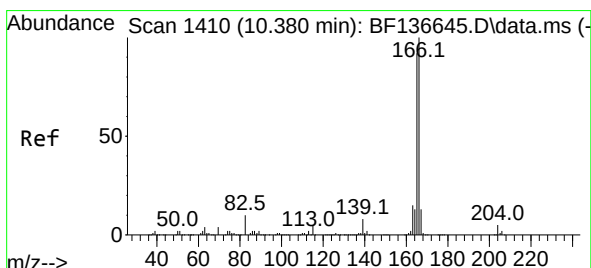
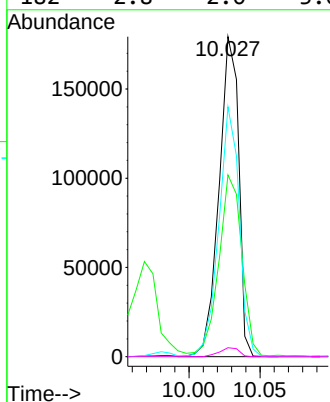
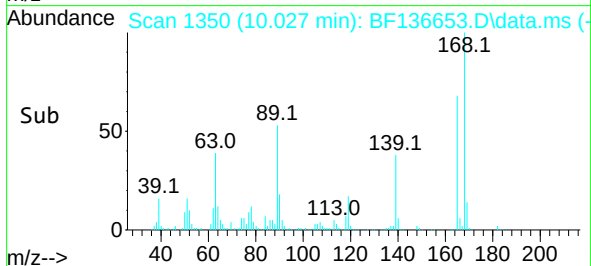
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



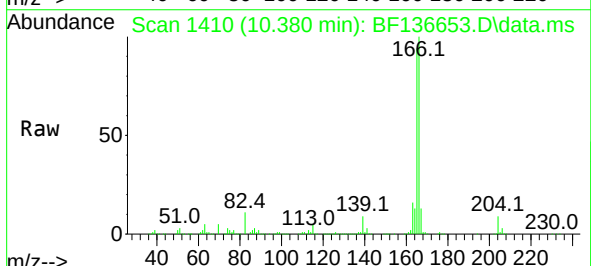
Tgt Ion:165 Resp: 171910
Ion Ratio Lower Upper
165 100
63 56.8 41.0 61.6
89 78.1 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations
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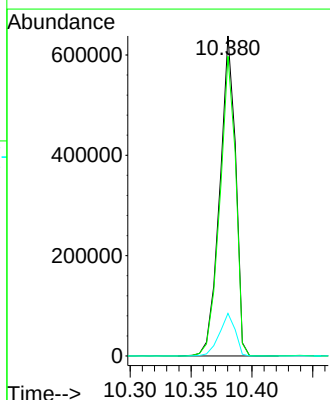
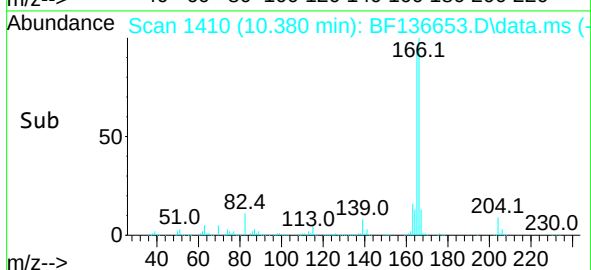
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

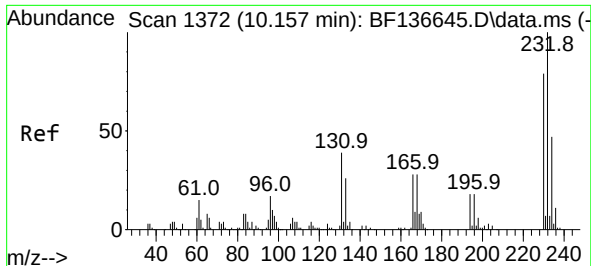


#58
Fluorene
Concen: 38.884 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



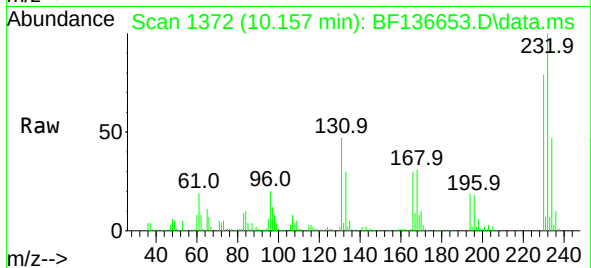
Tgt Ion:166 Resp: 577019
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.712 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

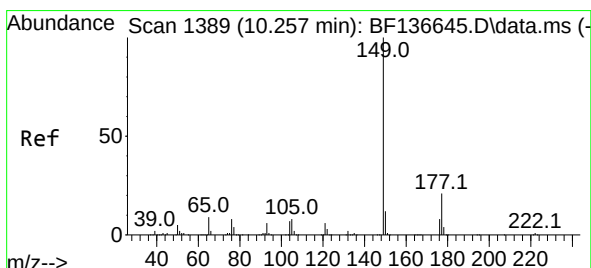
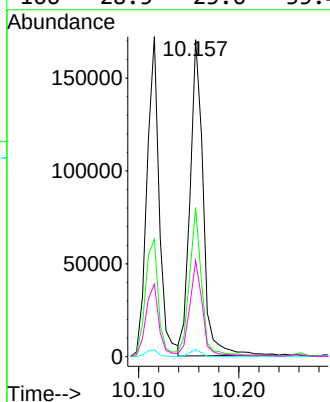
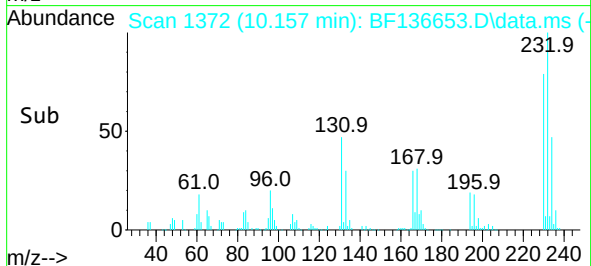
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



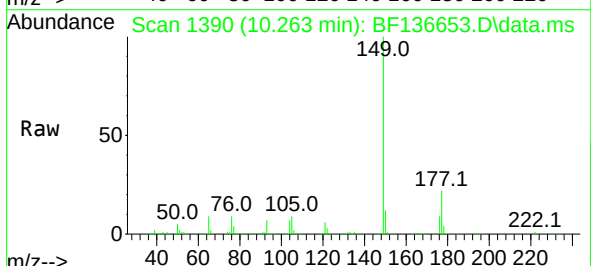
Tgt Ion:232 Resp: 15549
Ion Ratio Lower Upper
232 100
131 43.6 35.1 52.7
130 2.1 1.6 2.4
166 28.5 23.6 35.4

Manual Integrations
APPROVED

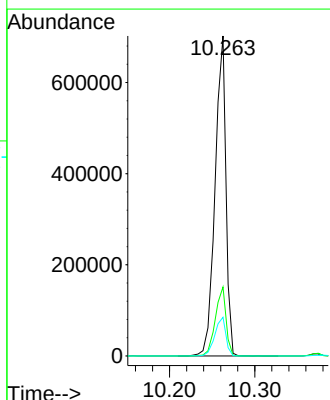
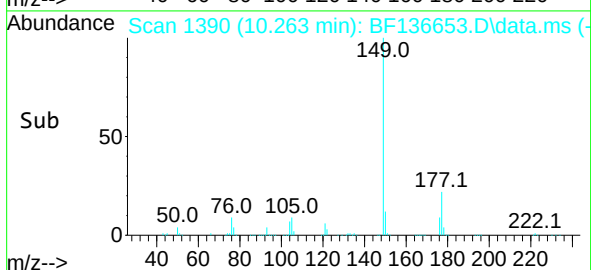
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

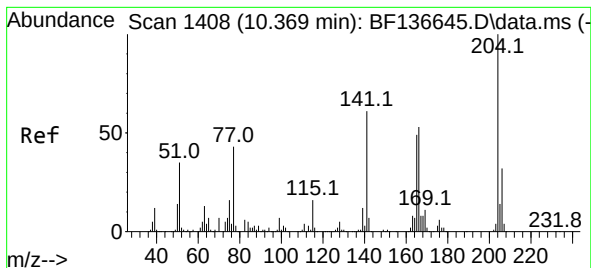


#60
Diethylphthalate
Concen: 40.103 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



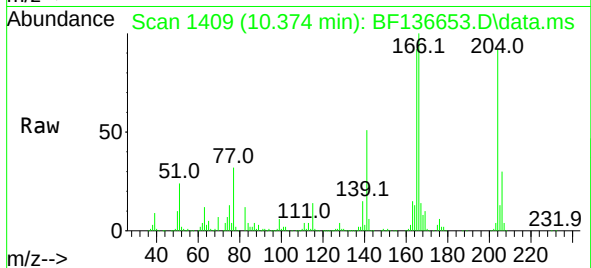
Tgt Ion:149 Resp: 620364
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.1 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.219 ng
RT: 10.374 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

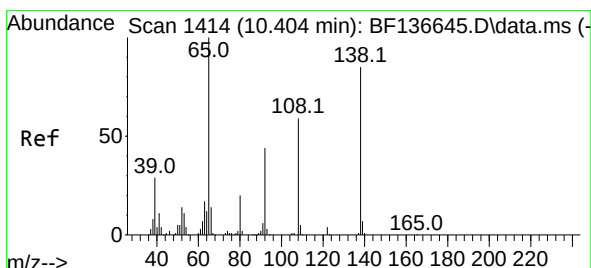
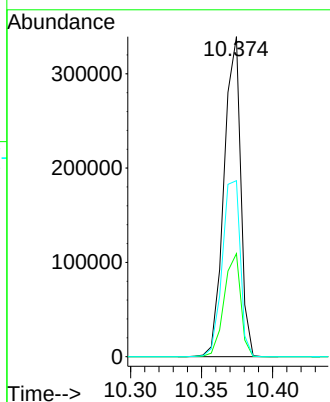
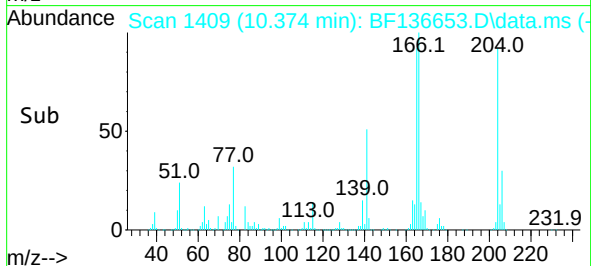
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion:204 Resp: 275669
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 55.0 48.4 72.6

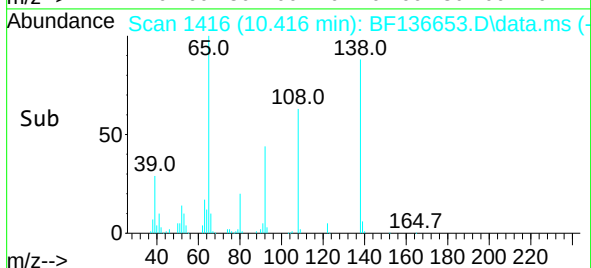
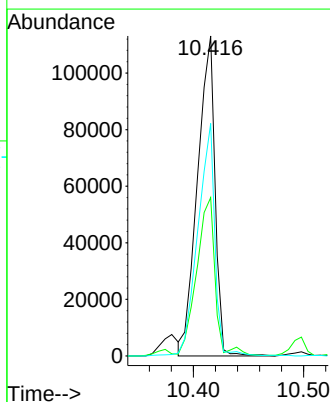
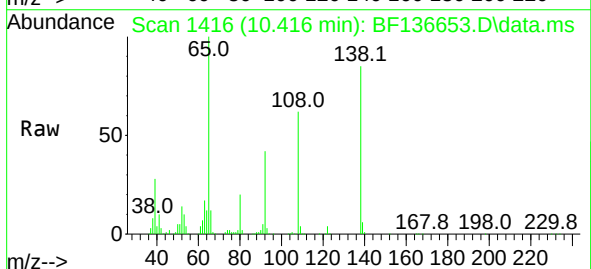
Manual Integrations
APPROVED

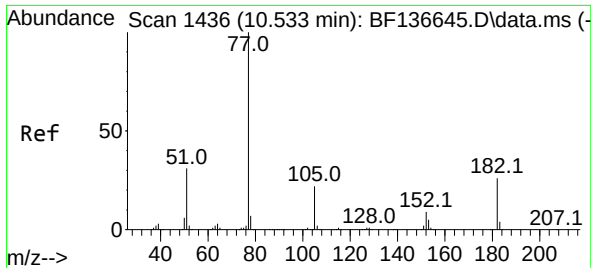
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#62
4-Nitroaniline
Concen: 36.031 ng m
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

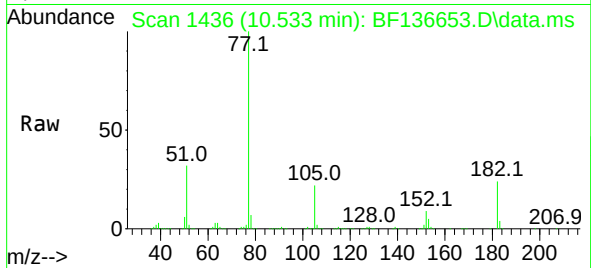
Tgt Ion:138 Resp: 124501
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 72.6 50.1 90.1





#63
Azobenzene
Concen: 39.257 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

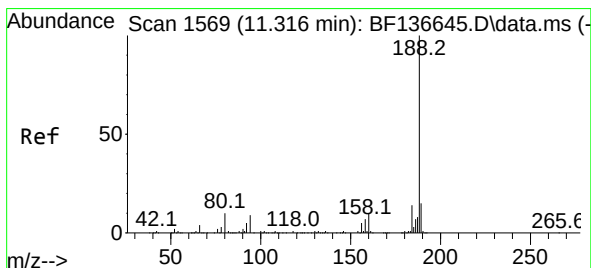
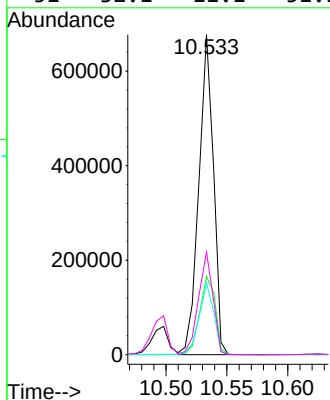
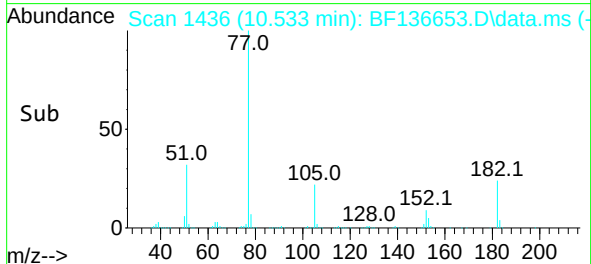
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



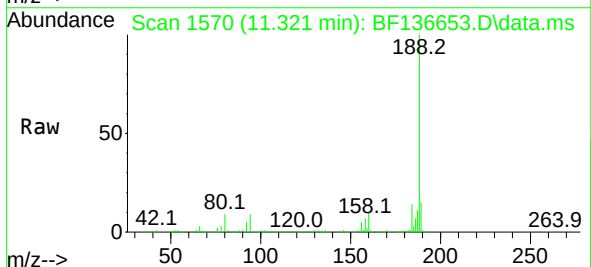
Tgt Ion: 77 Resp: 56720
Ion Ratio Lower Upper
77 100
182 24.4 6.0 46.0
105 22.3 2.3 42.3
51 32.1 11.1 51.1

Manual Integrations
APPROVED

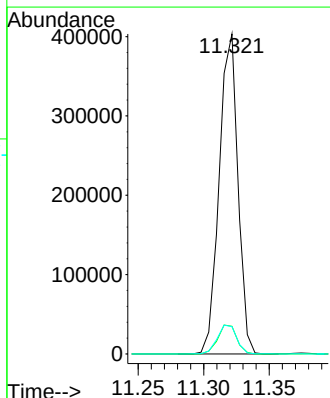
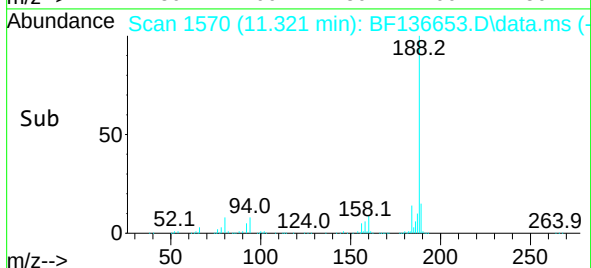
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

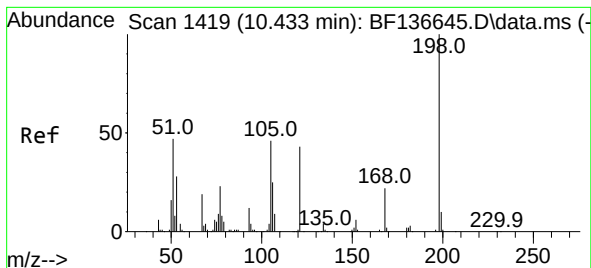


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:188 Resp: 399930
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.6 8.1 12.1





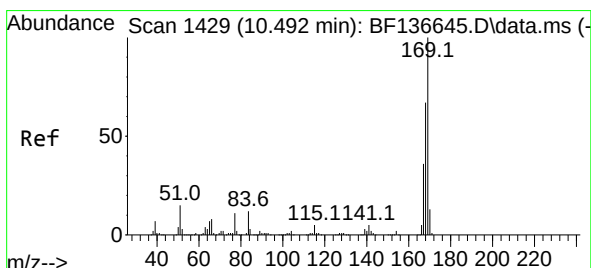
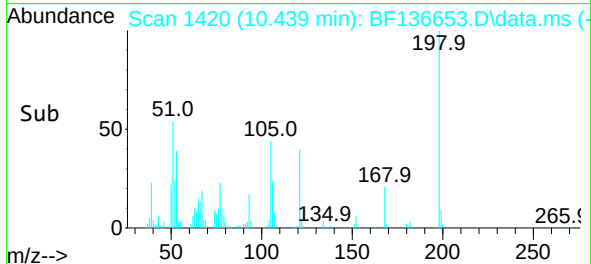
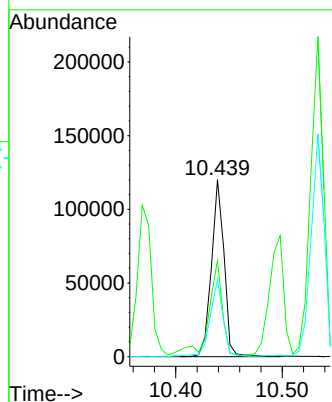
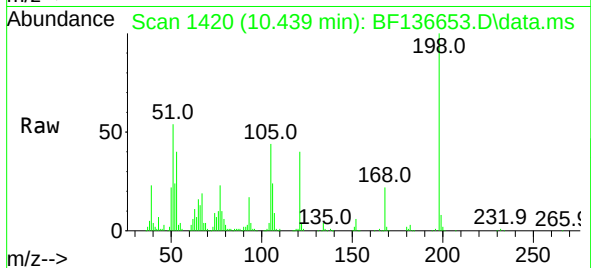
#65
4,6-Dinitro-2-methylphenol
Concen: 43.424 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Instrument :
BNA_F
ClientSampleId :
PB157610BSD

Tgt Ion:198 Resp: 9952
Ion Ratio Lower Upper
198 100
51 54.3 34.1 74.1
105 43.6 27.3 67.3

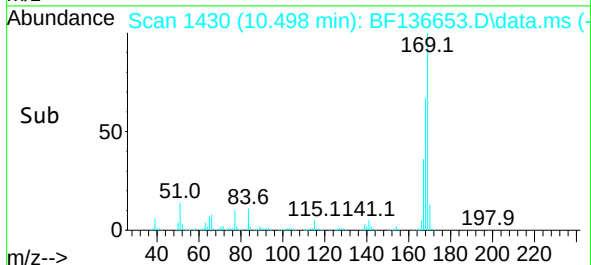
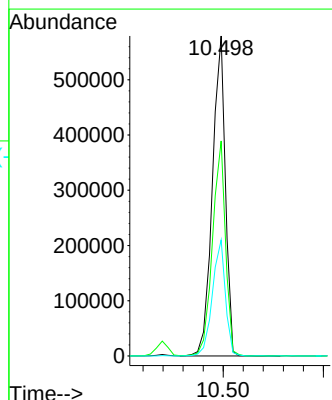
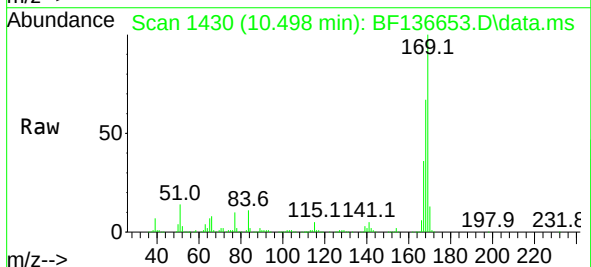
Manual Integrations
APPROVED

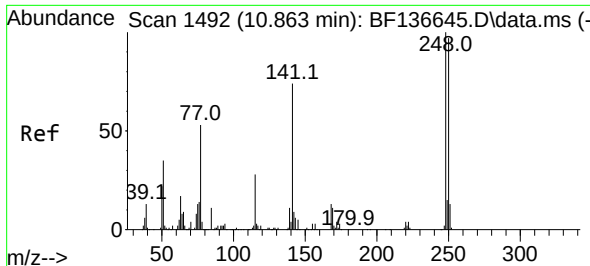
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#66
n-Nitrosodiphenylamine
Concen: 40.241 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

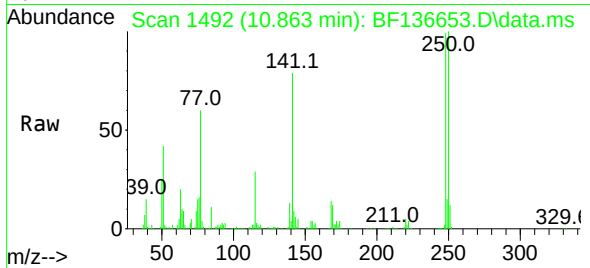
Tgt Ion:169 Resp: 522793
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 38.940 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

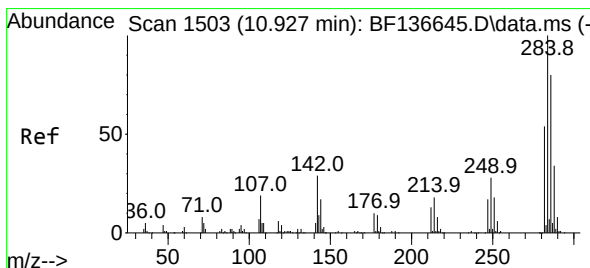
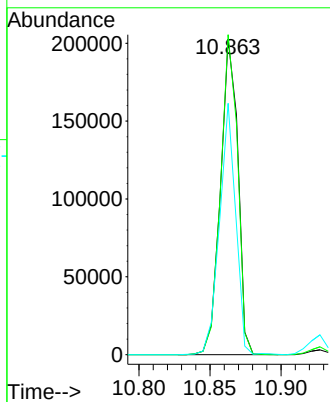
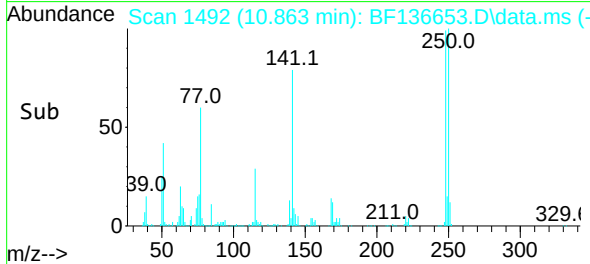
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



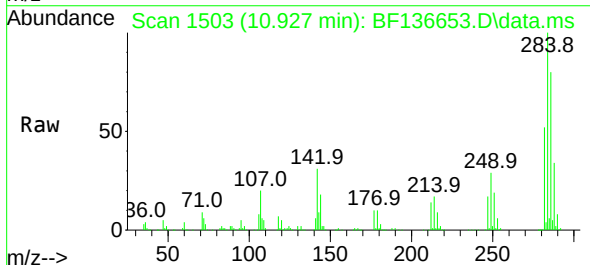
Tgt Ion:248 Resp: 172958
Ion Ratio Lower Upper
248 100
250 101.4 77.8 116.6
141 79.6 59.2 88.8

Manual Integrations
APPROVED

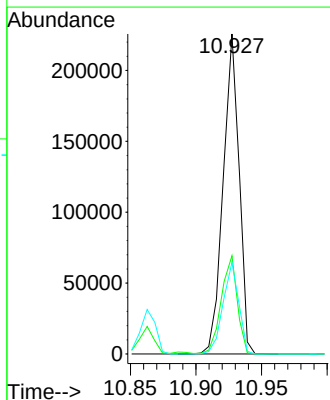
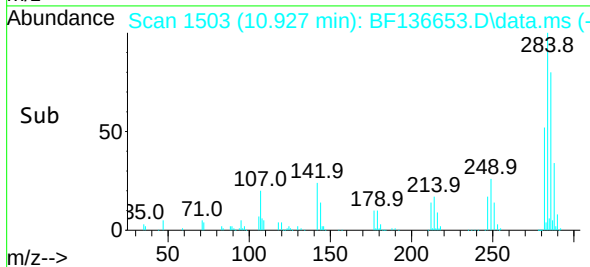
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

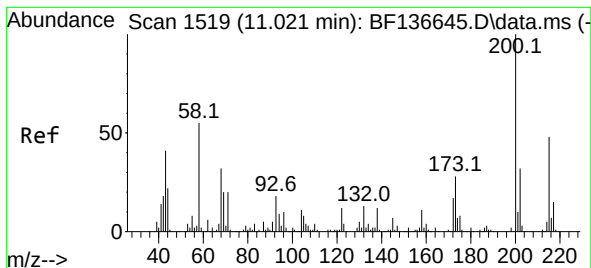


#68
Hexachlorobenzene
Concen: 38.461 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:284 Resp: 190368
Ion Ratio Lower Upper
284 100
142 30.7 23.4 35.0
249 28.6 22.3 33.5





#69

Atrazine

Concen: 39.475 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD

Tgt Ion:200 Resp: 131169

Ion Ratio Lower Upper

200 100

173 28.1 7.6 47.6

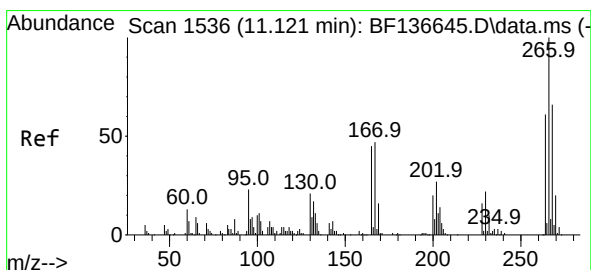
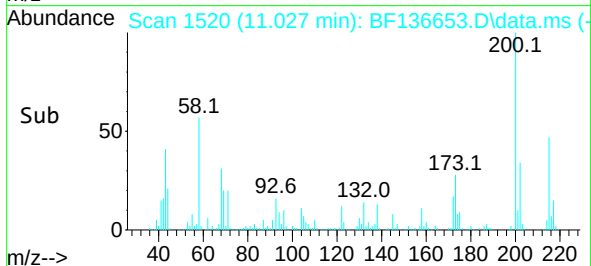
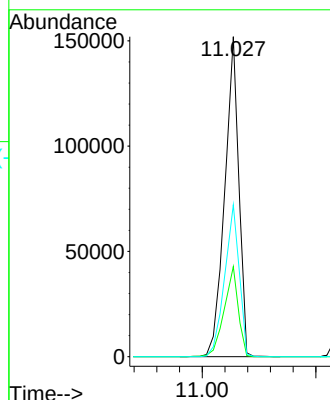
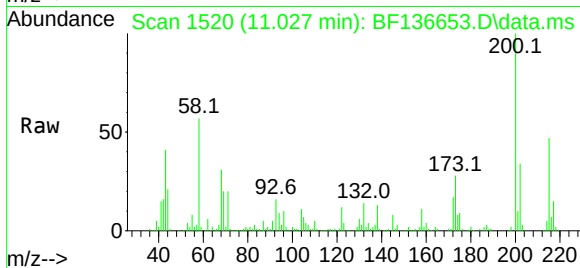
215 47.5 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#70

Pentachlorophenol

Concen: 73.638 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

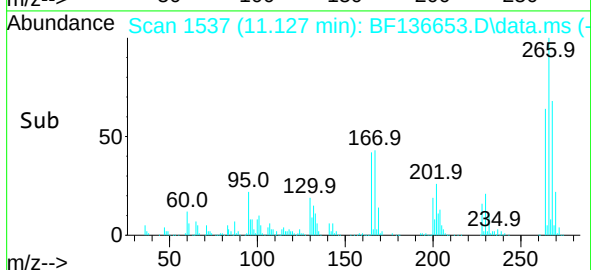
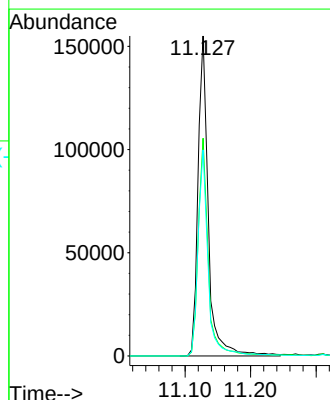
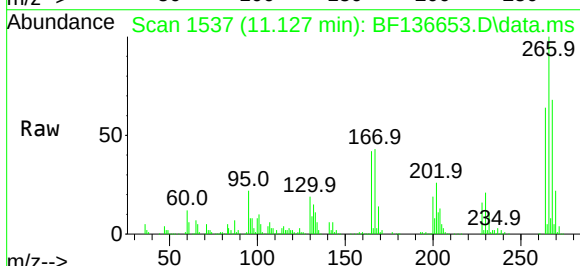
Tgt Ion:266 Resp: 169891

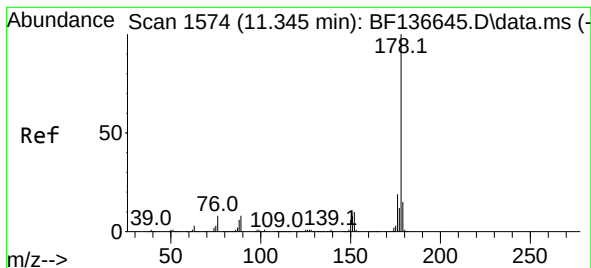
Ion Ratio Lower Upper

266 100

268 68.0 52.6 78.8

264 64.4 49.0 73.4





#71

Phenanthrene

Concen: 40.412 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD

Tgt Ion:178 Resp: 82928

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

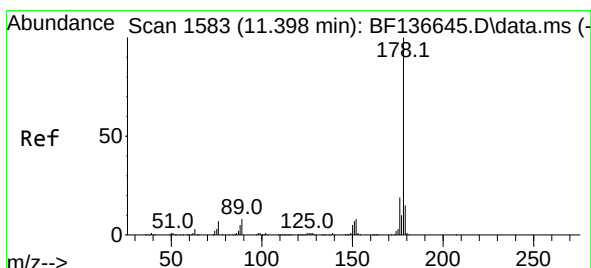
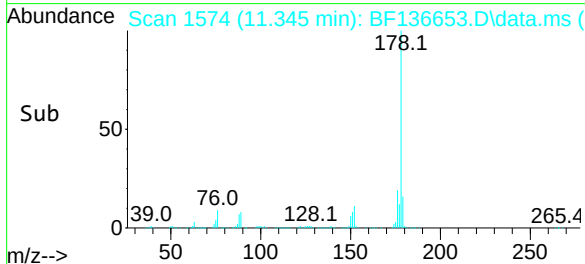
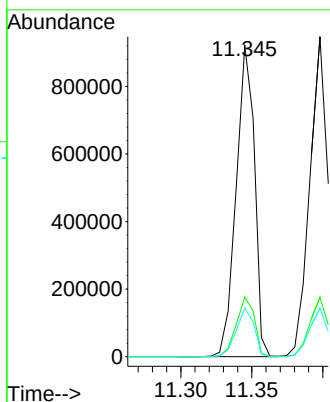
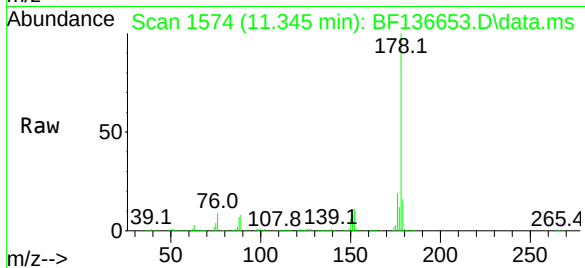
179 15.5 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#72

Anthracene

Concen: 39.512 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

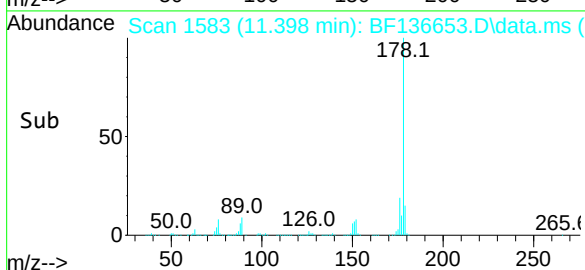
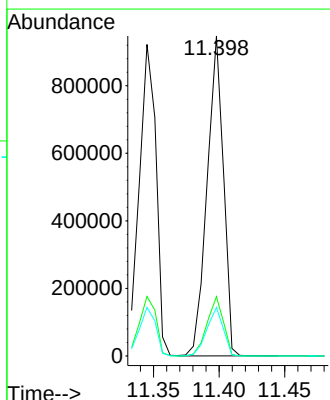
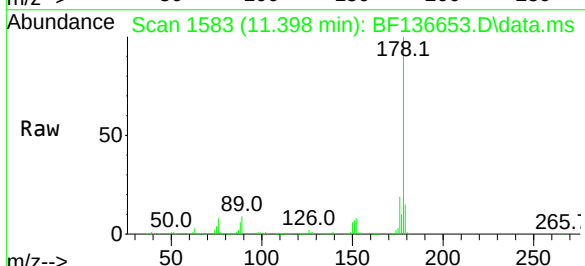
Tgt Ion:178 Resp: 821138

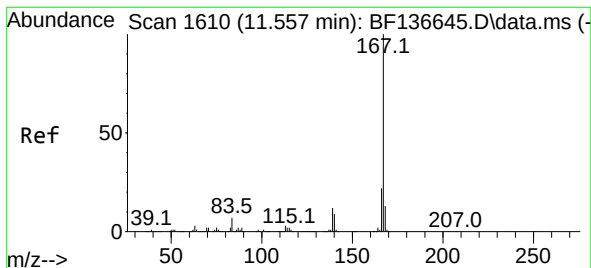
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

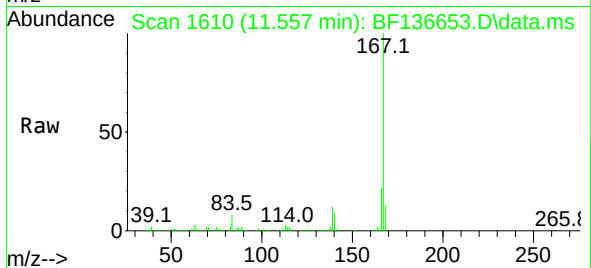
179 15.1 11.8 17.6





#73
 Carbazole
 Concen: 38.469 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02

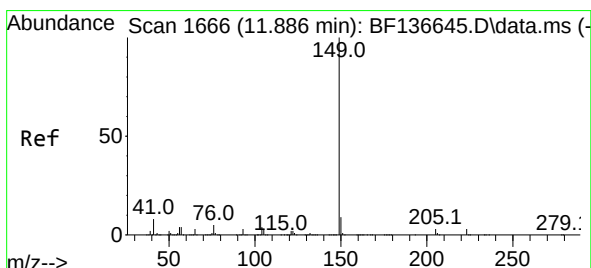
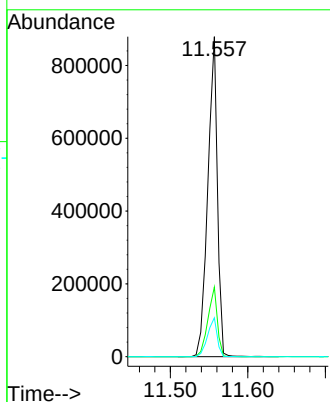
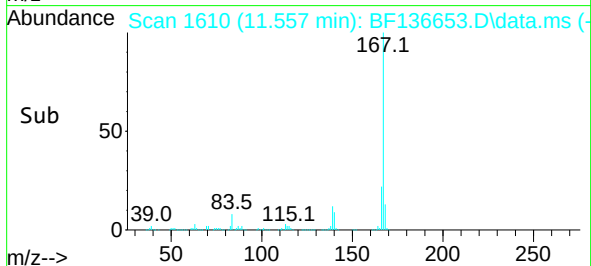
Instrument :
 BNA_F
 ClientSampleId :
 PB157610BSD



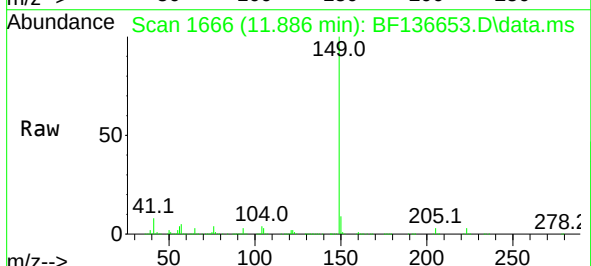
Tgt Ion:167 Resp: 753740
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.2 9.8 14.6

Manual Integrations
 APPROVED

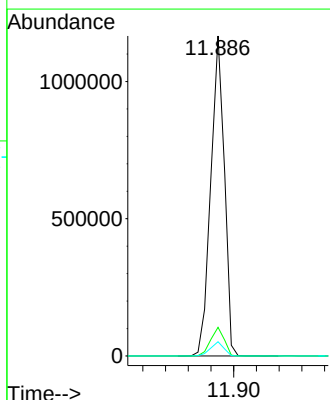
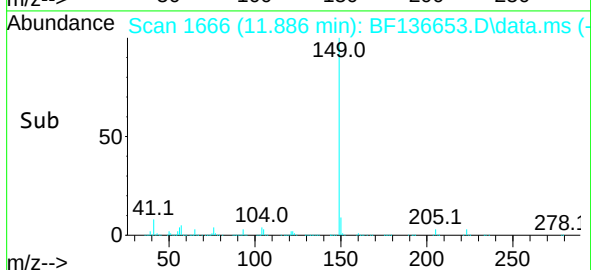
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

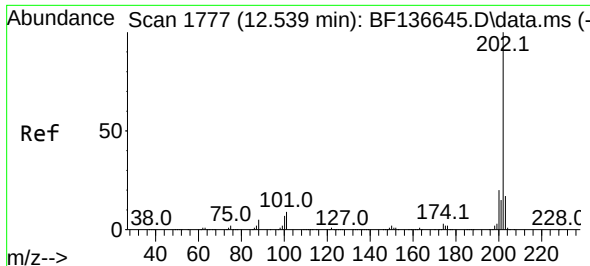


#74
 Di-n-butylphthalate
 Concen: 40.458 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02



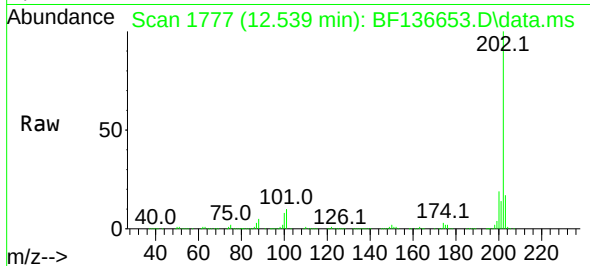
Tgt Ion:149 Resp: 967301
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 38.420 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

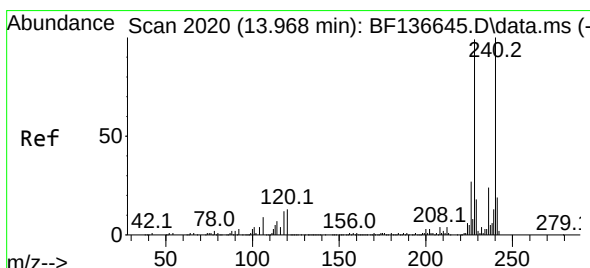
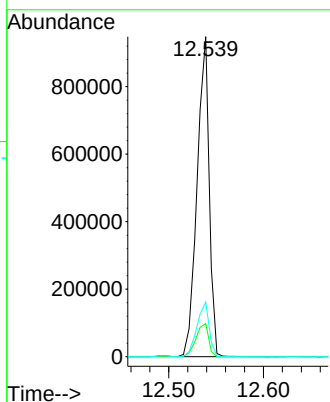
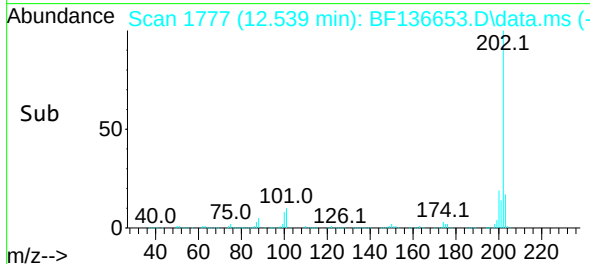
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



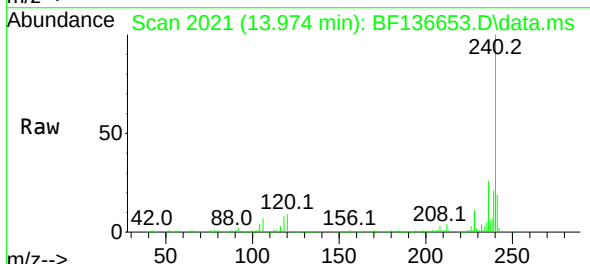
Tgt Ion:202 Resp: 843310
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.3
203 17.1 0.0 37.1

Manual Integrations
APPROVED

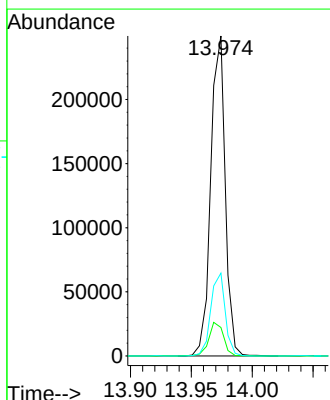
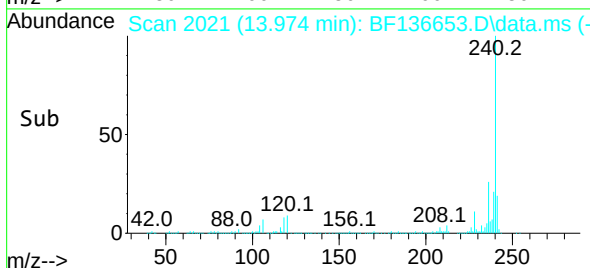
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

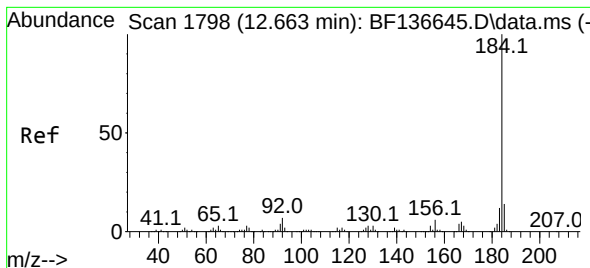


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:240 Resp: 206999
Ion Ratio Lower Upper
240 100
120 8.9 10.3 15.5#
236 25.9 19.4 29.2





#77

Benzidine

Concen: 5.148 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD

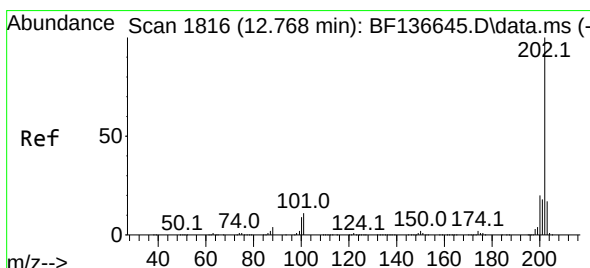
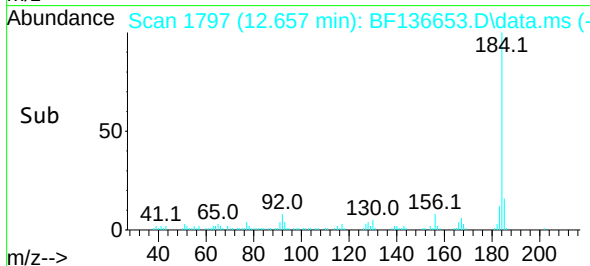
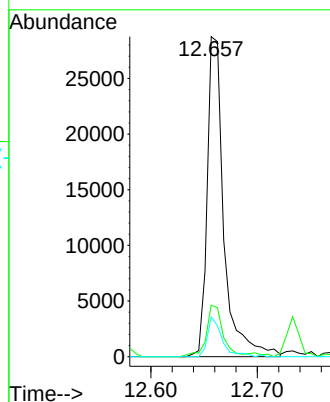
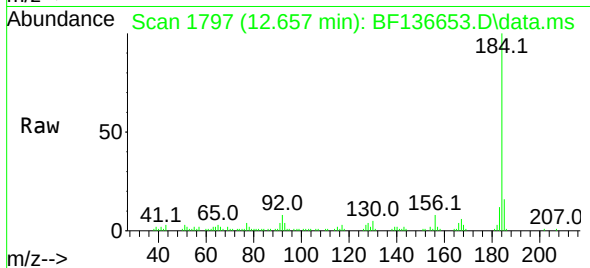
Tgt Ion:184	Resp:	3142
Ion Ratio	Lower	Upper
184	100	
185	16.1	11.2 16.8
183	12.4	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#78

Pyrene

Concen: 41.153 ng

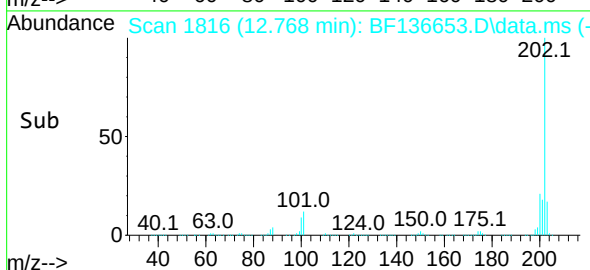
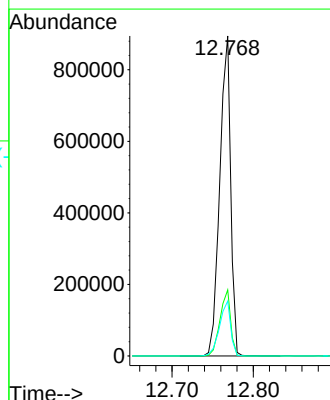
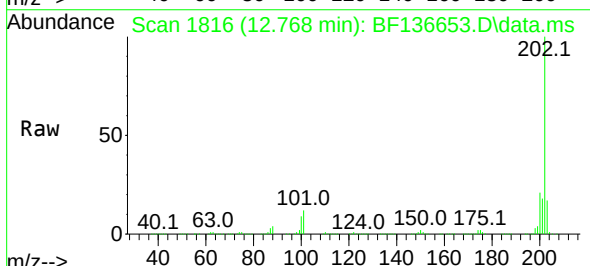
RT: 12.768 min Scan# 1816

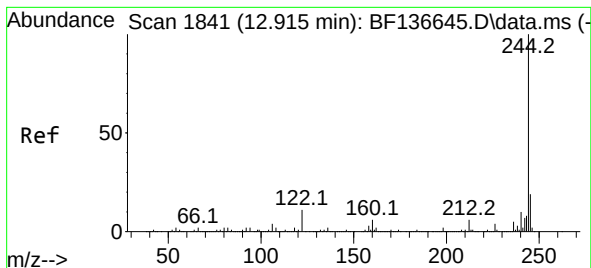
Delta R.T. 0.000 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

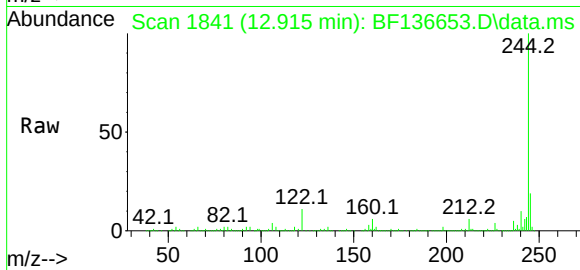
Tgt Ion:202	Resp:	836254
Ion Ratio	Lower	Upper
202	100	
200	20.7	15.9 23.9
203	17.1	13.8 20.6





#79
 Terphenyl-d14
 Concen: 77.586 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02

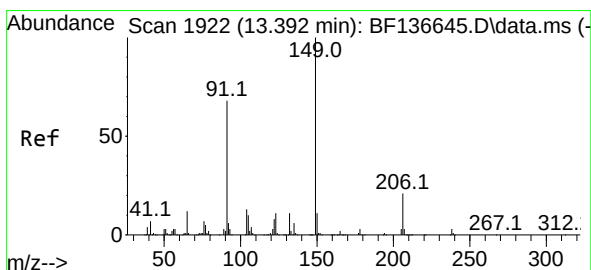
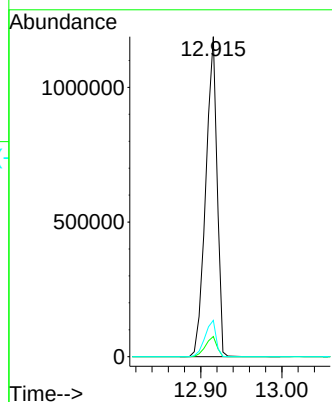
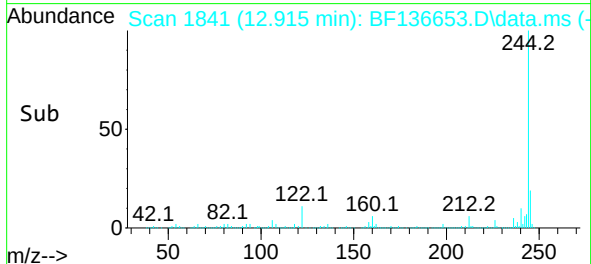
Instrument :
 BNA_F
 ClientSampleId :
 PB157610BSD



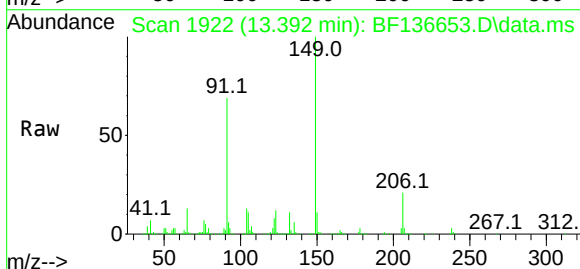
Tgt Ion:244 Resp: 114923
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.3 9.0 13.4

Manual Integrations
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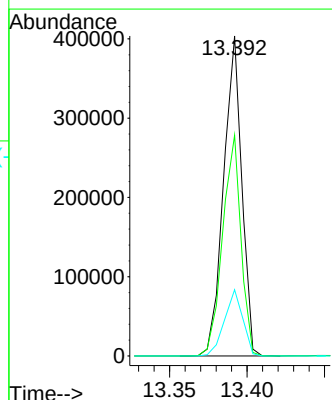
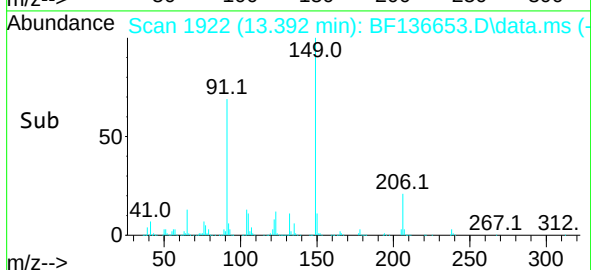
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

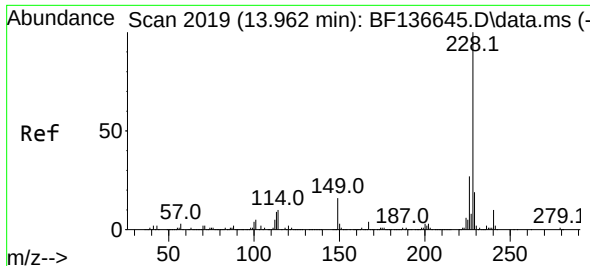


#80
 Butylbenzylphthalate
 Concen: 44.526 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02



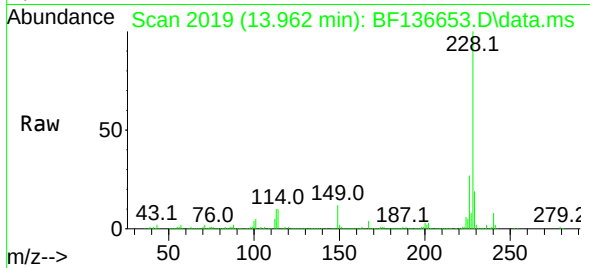
Tgt Ion:149 Resp: 329227
 Ion Ratio Lower Upper
 149 100
 91 69.0 54.1 81.1
 206 20.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 40.517 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

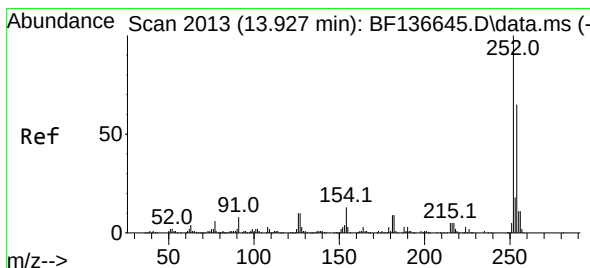
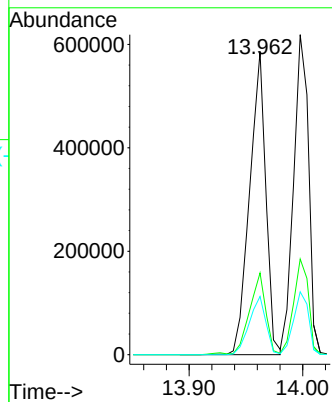
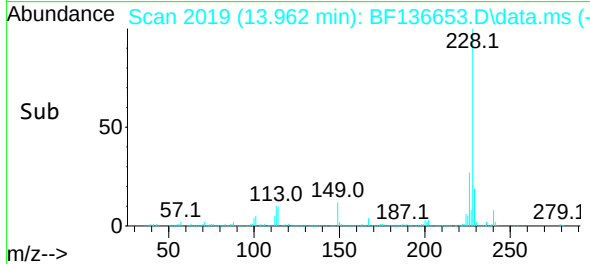
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



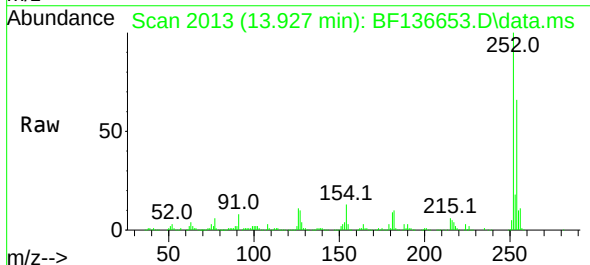
Tgt Ion:228 Resp: 58237
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.2 14.9 22.3

Manual Integrations
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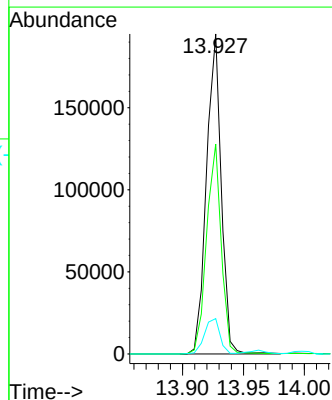
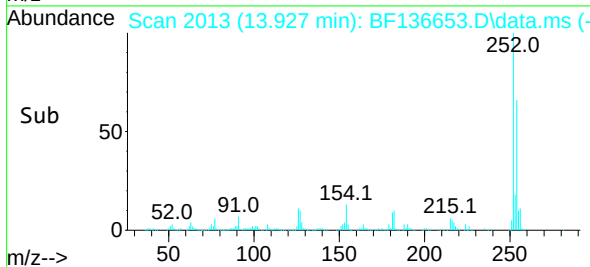
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

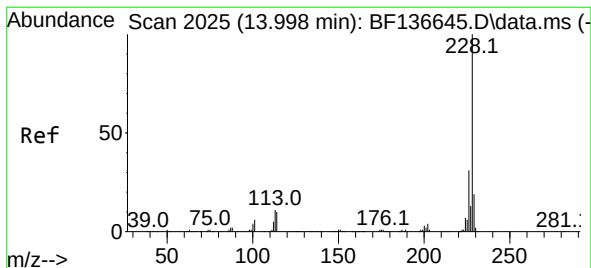


#82
3,3'-Dichlorobenzidine
Concen: 40.175 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



Tgt Ion:252 Resp: 163994
Ion Ratio Lower Upper
252 100
254 65.6 52.2 78.4
126 11.1 8.0 12.0





#83

Chrysene

Concen: 40.272 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136653.D

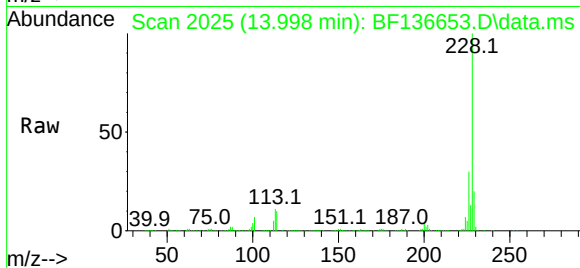
Acq: 20 Dec 2023 18:02

Instrument :

BNA_F

ClientSampleId :

PB157610BSD



Tgt Ion:228 Resp: 56606

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

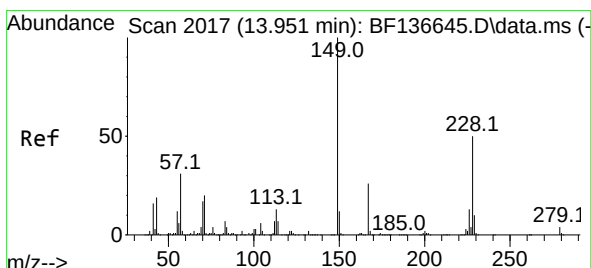
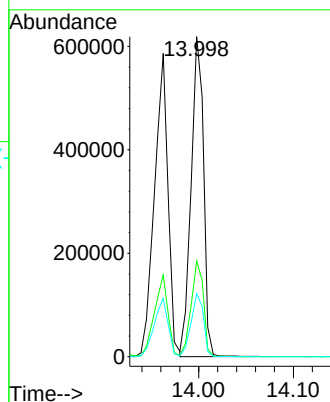
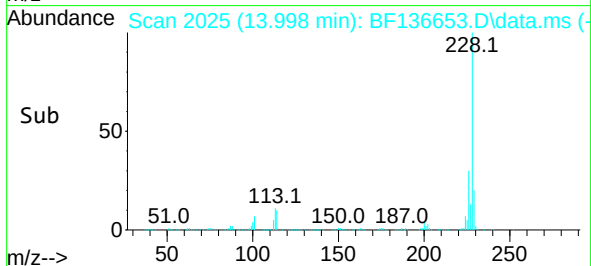
229 19.7 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.600 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136653.D

Acq: 20 Dec 2023 18:02

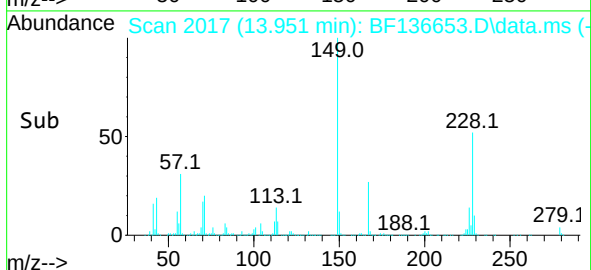
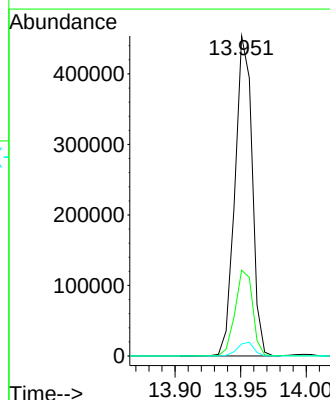
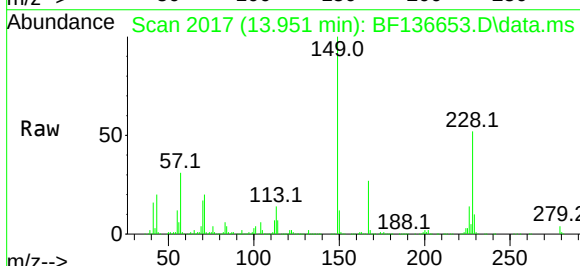
Tgt Ion:149 Resp: 414917

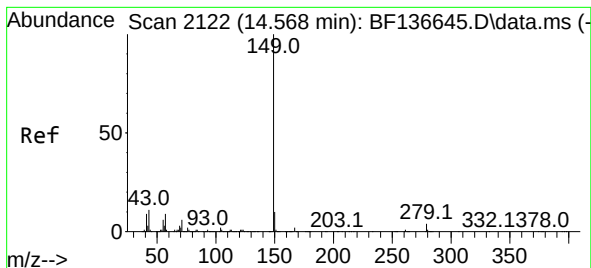
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

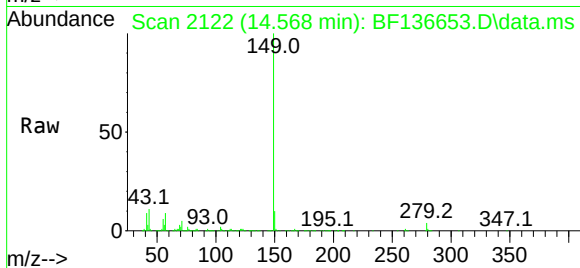
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 45.194 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

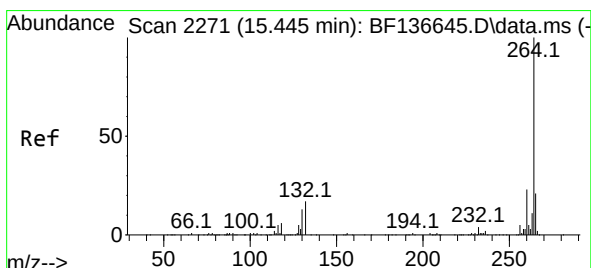
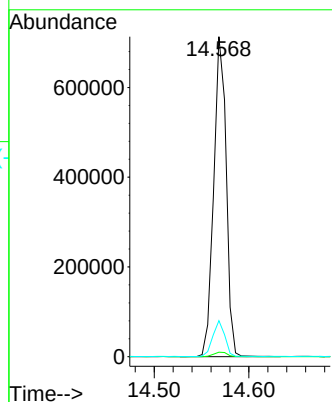
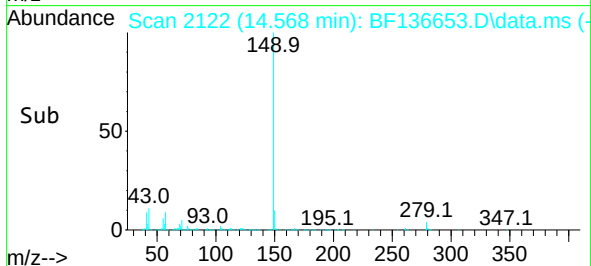
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion:149 Resp: 65036
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 8.9 13.3

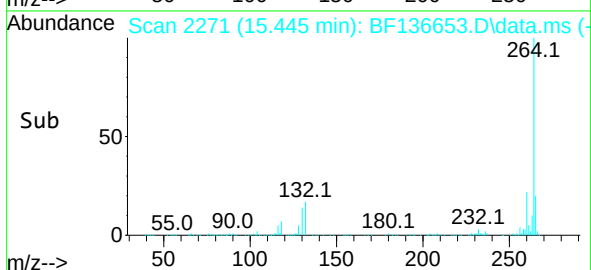
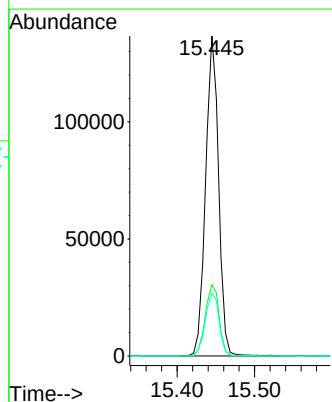
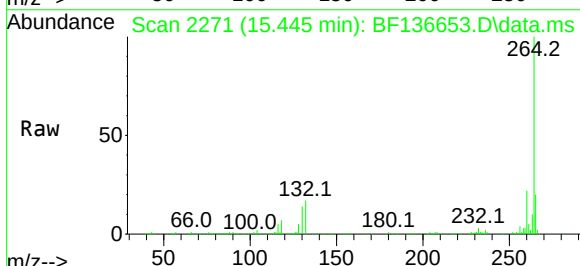
Manual Integrations
APPROVED

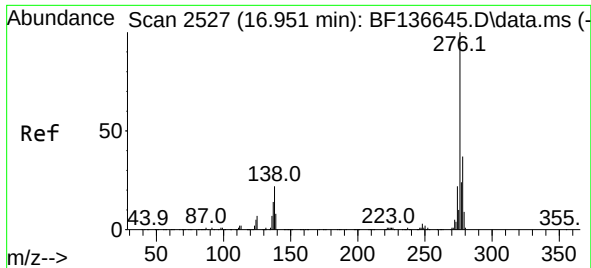
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

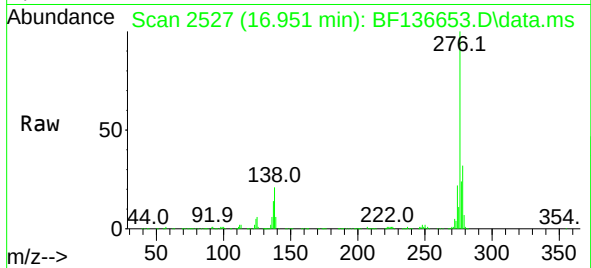
Tgt Ion:264 Resp: 158722
Ion Ratio Lower Upper
264 100
260 22.3 18.3 27.5
265 19.7 17.0 25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.538 ng
 RT: 16.951 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02

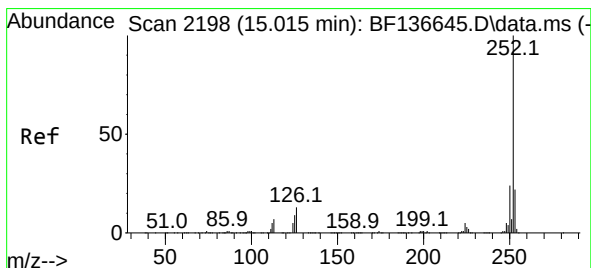
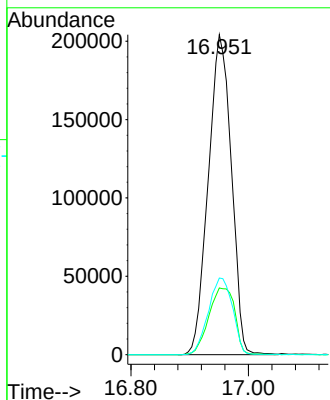
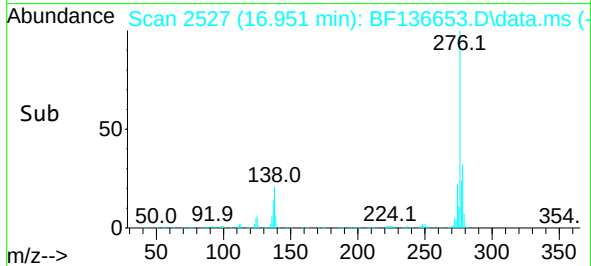
Instrument :
 BNA_F
 ClientSampleId :
 PB157610BSD



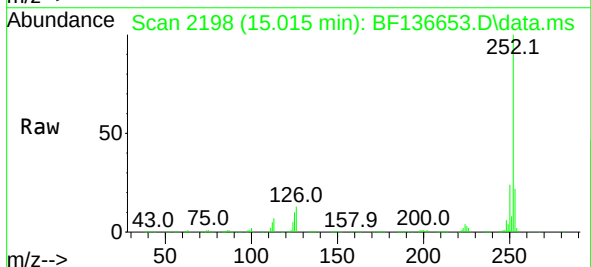
Tgt Ion:276 Resp: 556248
 Ion Ratio Lower Upper
 276 100
 138 23.5 18.7 28.1
 277 25.3 20.2 30.2

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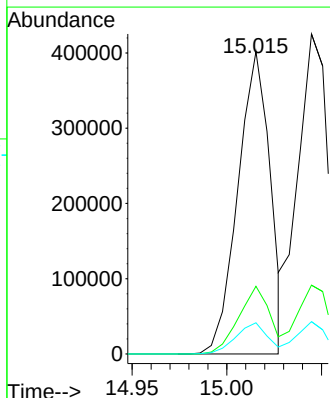
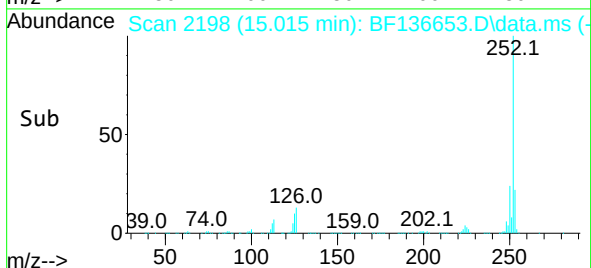
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

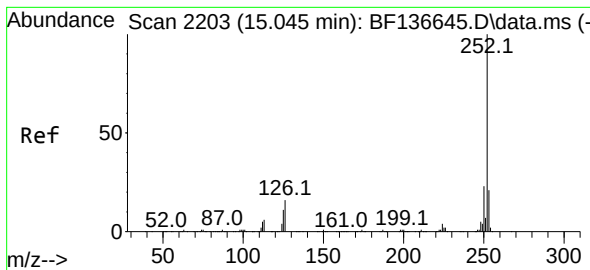


#88
 Benzo(b)fluoranthene
 Concen: 44.957 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF136653.D
 Acq: 20 Dec 2023 18:02



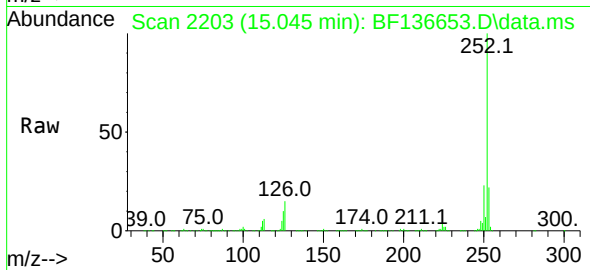
Tgt Ion:252 Resp: 476593
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 10.3 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 46.992 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

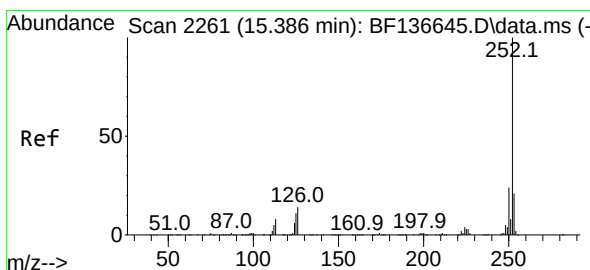
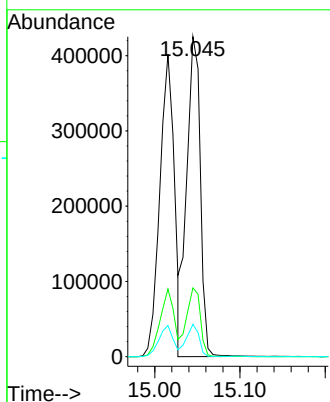
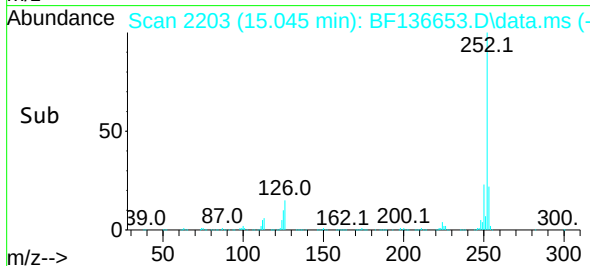
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



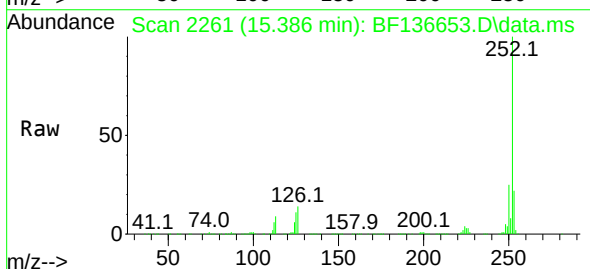
Tgt Ion:252 Resp: 470720
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.1 8.2 12.4

Manual Integrations
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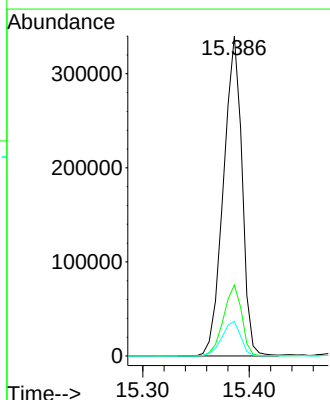
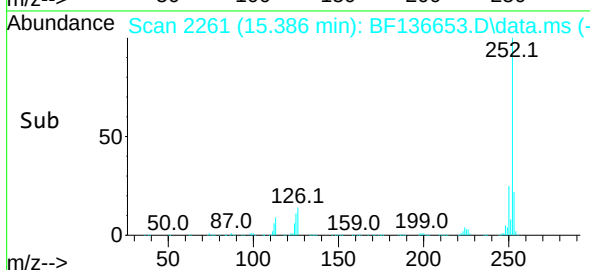
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

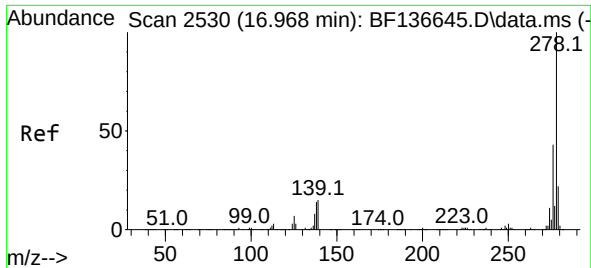


#90
Benzo(a)pyrene
Concen: 45.921 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02



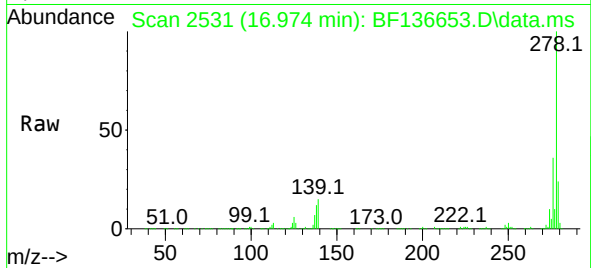
Tgt Ion:252 Resp: 410925
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 50.147 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

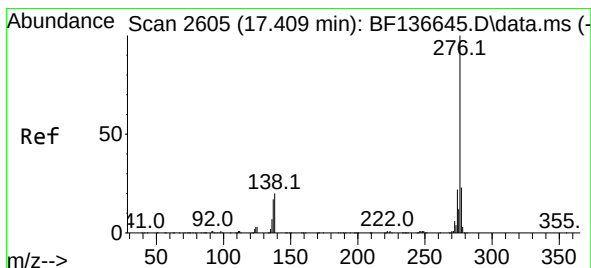
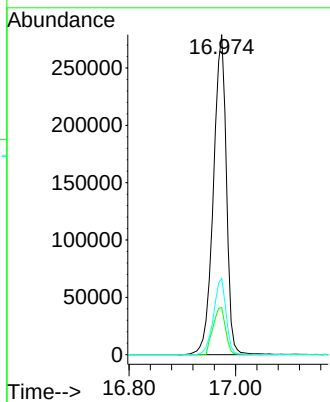
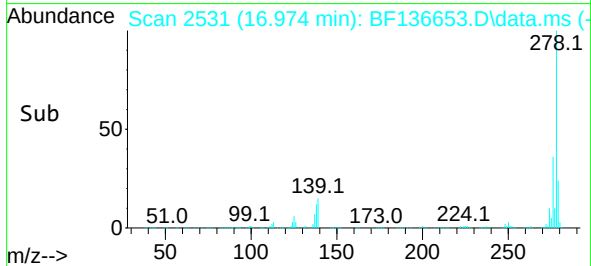
Instrument :
BNA_F
ClientSampleId :
PB157610BSD



Tgt Ion:278 Resp: 471469
Ion Ratio Lower Upper
278 100
139 14.7 12.2 18.4
279 23.8 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#92
Benzo(g,h,i)perylene
Concen: 48.752 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136653.D
Acq: 20 Dec 2023 18:02

Tgt Ion:276 Resp: 469447
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 20.2 15.6 23.4

