

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136679.D
 Acq On : 22 Dec 2023 11:06
 Operator : CG\JU
 Sample : PB157641BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 11:54:39 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	6.786	152	74492	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	293448	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	152717	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	298596	20.000	ng	0.00
76) Chrysene-d12	13.968	240	155752	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	139421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	423612	88.728	ng	0.00
7) Phenol-d6	6.434	99	540356	87.347	ng	0.00
23) Nitrobenzene-d5	7.351	82	483612	84.332	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	157939	87.813	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	956011	84.196	ng	0.00
79) Terphenyl-d14	12.910	244	1001169	89.829	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	72025	36.207	ng	98
3) Pyridine	3.387	79	184848	38.085	ng	96
4) n-Nitrosodimethylamine	3.363	42	112354	43.349	ng	98
6) Aniline	6.451	93	233070	37.683	ng	# 72
8) 2-Chlorophenol	6.575	128	238160	45.584	ng	96
9) Benzaldehyde	6.339	77	87724	24.930	ng	97
10) Phenol	6.445	94	288771	43.727	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	218543	43.515	ng	97
12) 1,3-Dichlorobenzene	6.728	146	238584	41.860	ng	98
13) 1,4-Dichlorobenzene	6.804	146	242564	41.652	ng	97
14) 1,2-Dichlorobenzene	6.951	146	230156	42.472	ng	99
15) Benzyl Alcohol	6.933	79	190550	45.657	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	363406	44.259	ng	98
17) 2-Methylphenol	7.045	107	195744	45.225	ng	98
18) Hexachloroethane	7.292	117	87290	41.272	ng	93
19) n-Nitroso-di-n-propyla...	7.204	70	162641	43.370	ng	98
20) 3+4-Methylphenols	7.198	107	239003	44.200	ng	# 88
22) Acetophenone	7.198	105	319525	43.442	ng	# 99
24) Nitrobenzene	7.369	77	240074	41.791	ng	97
25) Isophorone	7.610	82	450237	43.148	ng	98
26) 2-Nitrophenol	7.681	139	125638	45.712	ng	92
27) 2,4-Dimethylphenol	7.728	122	217729	65.069	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	281038	44.308	ng	100
29) 2,4-Dichlorophenol	7.928	162	194809	45.222	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	202639	42.219	ng	96
31) Naphthalene	8.086	128	689738	42.784	ng	99
32) Benzoic acid	7.869	122	144667	44.684	ng	97
33) 4-Chloroaniline	8.133	127	129992	21.839	ng	97
34) Hexachlorobutadiene	8.198	225	120529	41.332	ng	97
35) Caprolactam	8.516	113	66590m	46.857	ng	
36) 4-Chloro-3-methylphenol	8.627	107	218801	45.117	ng	97
37) 2-Methylnaphthalene	8.775	142	446171	43.004	ng	100
38) 1-Methylnaphthalene	8.875	142	414971	40.768	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	205139	43.374	ng	97
41) Hexachlorocyclopentadiene	8.927	237	216003	139.366	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	138228	45.572	ng	97

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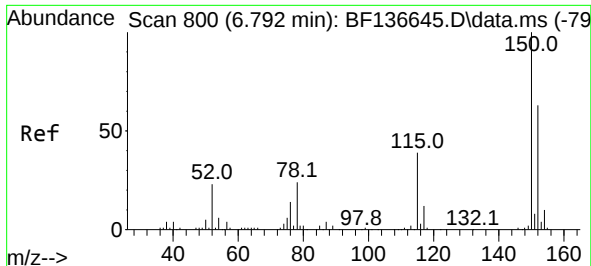
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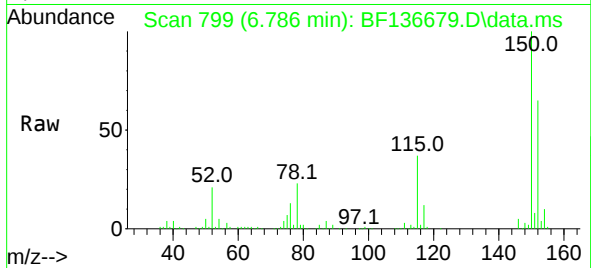
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	151355	44.779	ng	95
46) 1,1'-Biphenyl	9.245	154	555819	43.372	ng	98
47) 2-Chloronaphthalene	9.269	162	419460	43.055	ng	99
48) 2-Nitroaniline	9.369	65	138810	45.499	ng	98
49) Acenaphthylene	9.686	152	675577	45.368	ng	99
50) Dimethylphthalate	9.551	163	500584	44.876	ng	100
51) 2,6-Dinitrotoluene	9.616	165	110478	43.640	ng	97
52) Acenaphthene	9.857	154	403381	43.700	ng	100
53) 3-Nitroaniline	9.780	138	79777	29.748	ng	99
54) 2,4-Dinitrophenol	9.898	184	122401	86.900	ng	94
55) Dibenzofuran	10.027	168	614458	43.913	ng	98
56) 4-Nitrophenol	9.963	139	176925	97.730	ng	97
57) 2,4-Dinitrotoluene	10.022	165	142355	43.315	ng	96
58) Fluorene	10.374	166	480883	43.313	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	128630	49.437	ng	98
60) Diethylphthalate	10.251	149	510849	44.138	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	231977	42.986	ng	98
62) 4-Nitroaniline	10.404	138	109632m	42.406	ng	
63) Azobenzene	10.527	77	482962	44.677	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	80466	47.022	ng	87
66) n-Nitrosodiphenylamine	10.486	169	446968	46.080	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	143715	43.338	ng	99
68) Hexachlorobenzene	10.921	284	159672	43.207	ng	97
69) Atrazine	11.021	200	138968	56.015	ng	99
70) Pentachlorophenol	11.121	266	151823	88.139	ng	97
71) Phenanthrene	11.339	178	692964	45.229	ng	100
72) Anthracene	11.392	178	714928	46.076	ng	99
73) Carbazole	11.551	167	659001	45.048	ng	100
74) Di-n-butylphthalate	11.880	149	813106	45.550	ng	100
75) Fluoranthene	12.533	202	715602	43.665	ng	99
77) Benzidine	12.657	184	148361	32.305	ng	99
78) Pyrene	12.763	202	724286	47.371	ng	100
80) Butylbenzylphthalate	13.386	149	274873	49.407	ng	99
81) Benzo(a)anthracene	13.957	228	487802	45.103	ng	97
82) 3,3'-Dichlorobenzidine	13.921	252	106217	34.582	ng	97
83) Chrysene	13.992	228	475082	44.920	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	346198	49.458	ng	# 98
85) Di-n-octyl phthalate	14.562	149	528495	48.809	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	510097	50.673	ng	100
88) Benzo(b)fluoranthene	15.009	252	409661	43.993	ng	99
89) Benzo(k)fluoranthene	15.039	252	405483	46.083	ng	100
90) Benzo(a)pyrene	15.380	252	356836	45.397	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	421256	51.009	ng	97
92) Benzo(g,h,i)perylene	17.403	276	427076	50.491	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

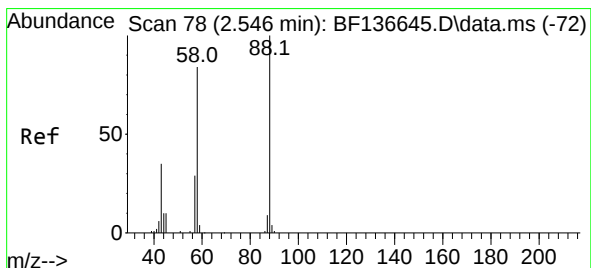
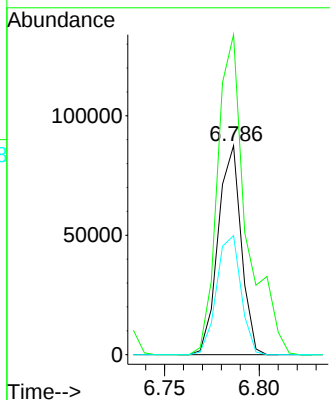
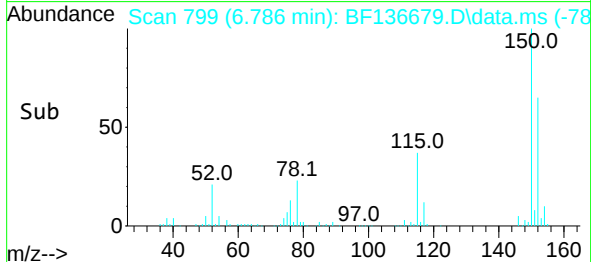
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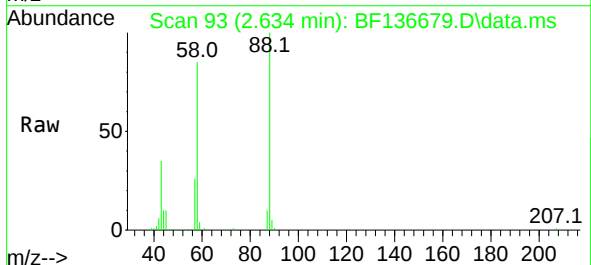
Tgt Ion:152 Resp: 74492
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 57.0 49.0 73.4

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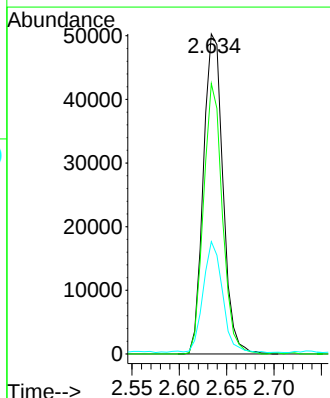
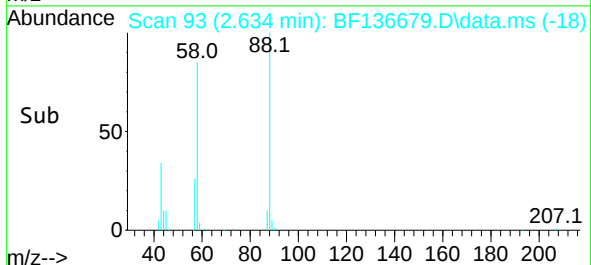
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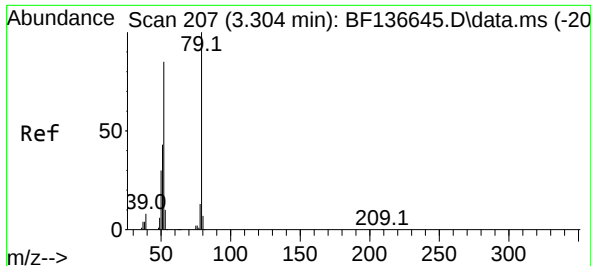


#2
1,4-Dioxane
Concen: 36.207 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



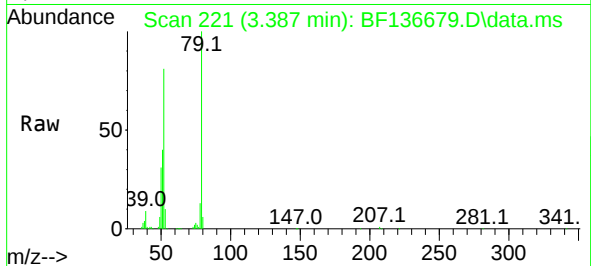
Tgt Ion: 88 Resp: 72025
Ion Ratio Lower Upper
88 100
58 81.5 67.4 101.0
43 34.5 27.7 41.5





#3
Pyridine
Concen: 38.085 ng
RT: 3.387 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

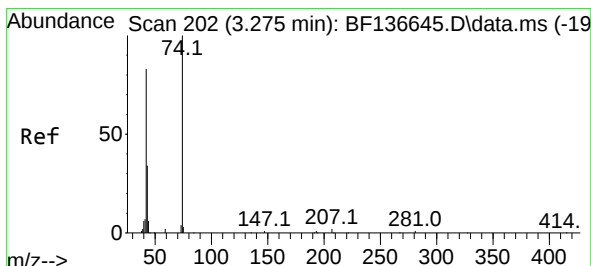
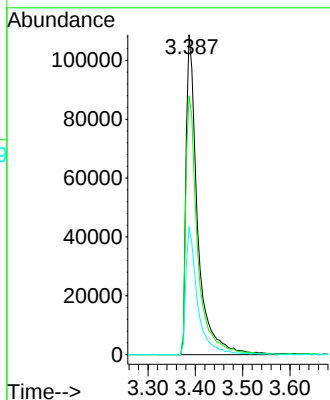
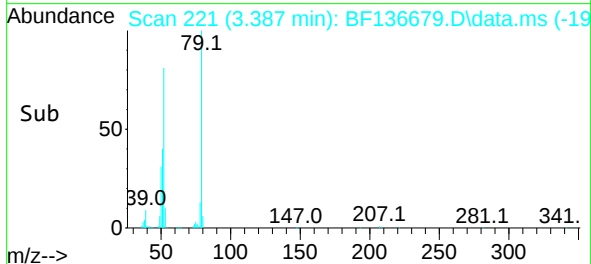
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PB157641BS



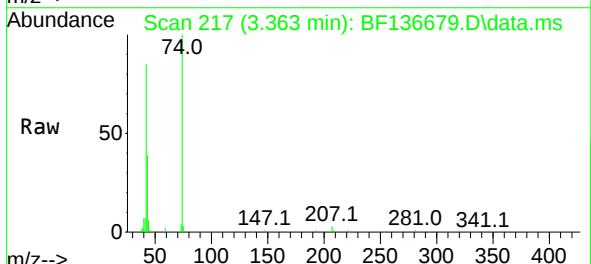
Tgt Ion: 79 Resp: 18484
Ion Ratio Lower Upper
79 100
52 80.9 67.7 101.5
51 39.7 34.0 51.0

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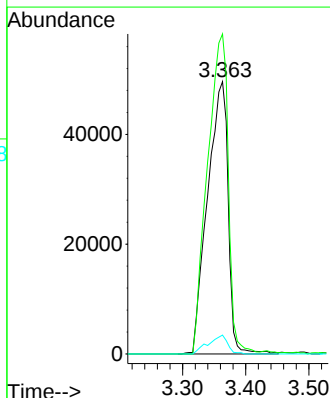
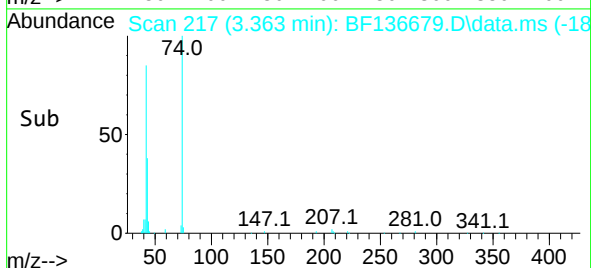
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#4
n-Nitrosodimethylamine
Concen: 43.349 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion: 42 Resp: 112354
Ion Ratio Lower Upper
42 100
74 117.5 96.0 144.0
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 88.728 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

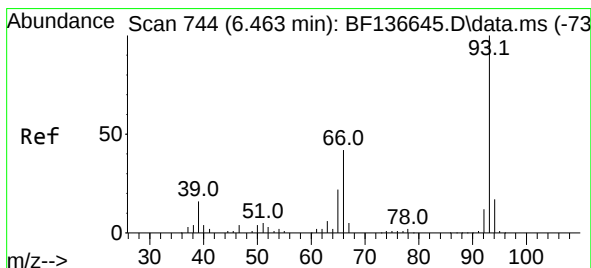
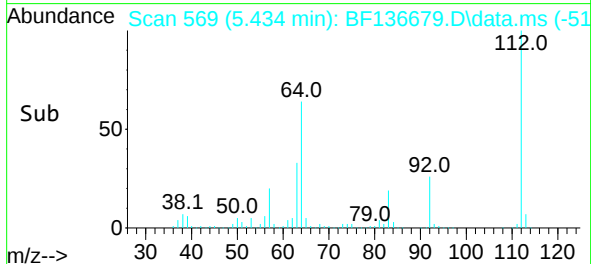
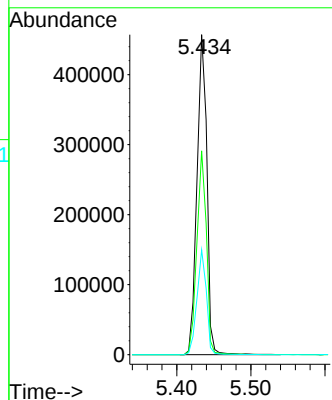
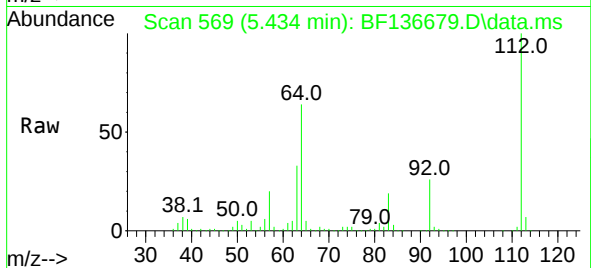
PB157641BS

Tgt Ion:112 Resp: 423612
Ion Ratio Lower Upper
112 100
64 63.7 51.1 76.7
63 32.7 26.1 39.1

Manual Integrations

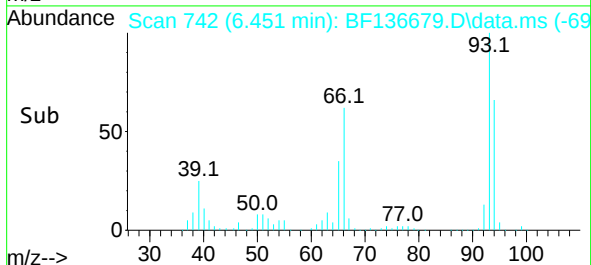
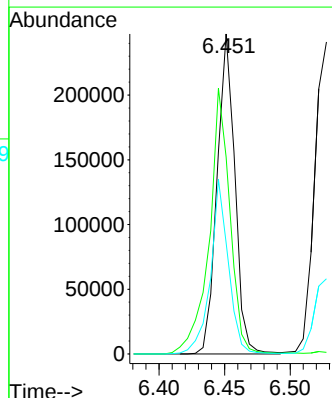
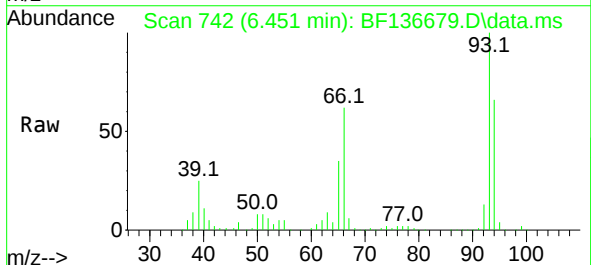
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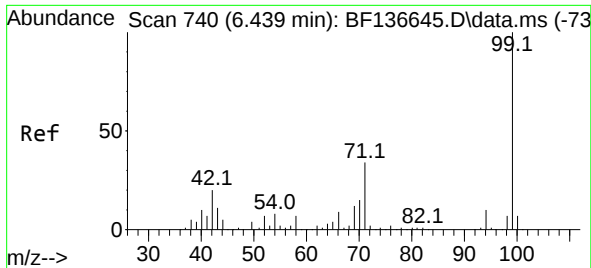
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 37.683 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

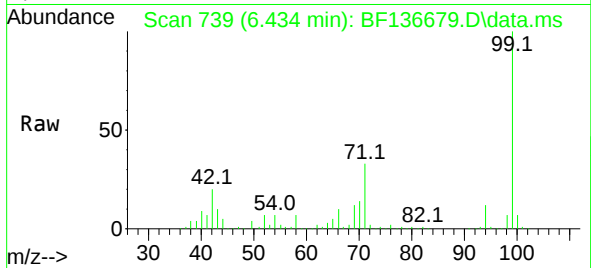
Tgt Ion: 93 Resp: 233070
Ion Ratio Lower Upper
93 100
66 61.6 34.6 51.8#
65 34.7 17.8 26.8#





#7
Phenol-d6
Concen: 87.347 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

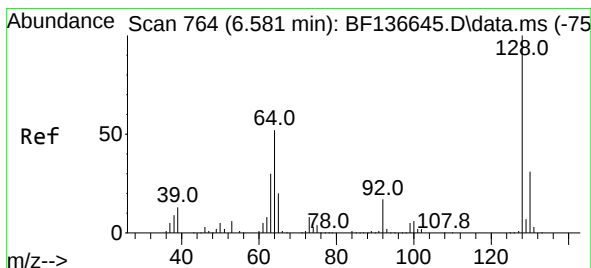
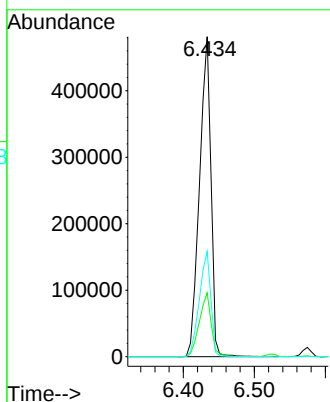
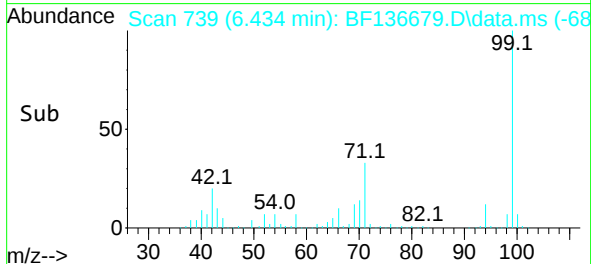
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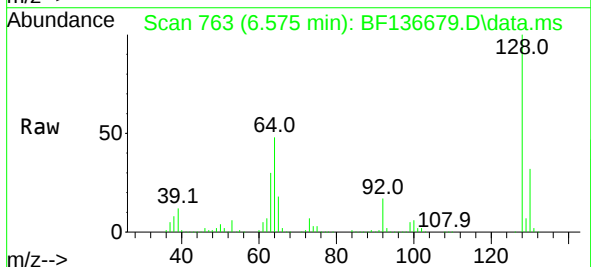
Tgt Ion: 99 Resp: 540350
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 32.9 27.4 41.2

Manual Integrations
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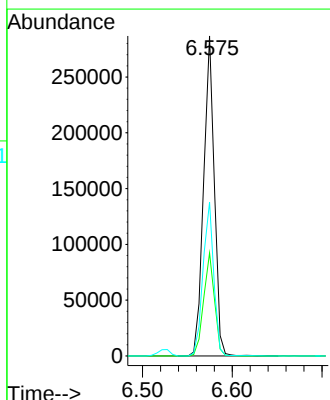
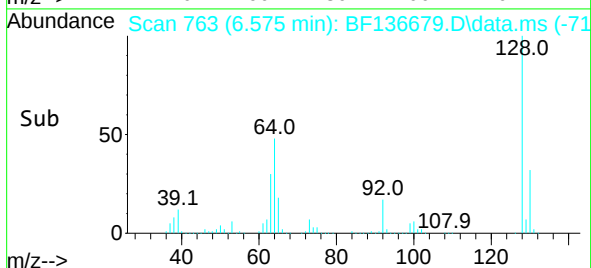
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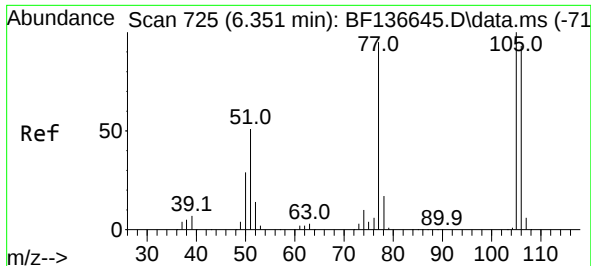


#8
2-Chlorophenol
Concen: 45.584 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:128 Resp: 238160
Ion Ratio Lower Upper
128 100
130 32.2 11.3 51.3
64 48.1 32.5 72.5





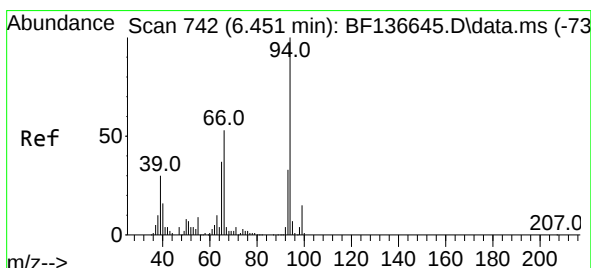
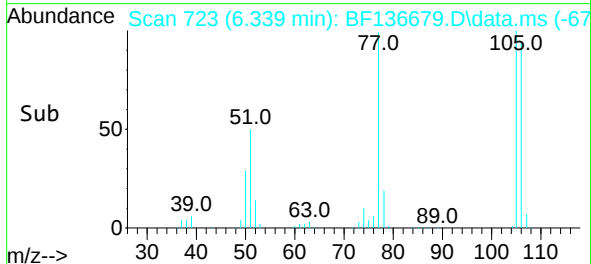
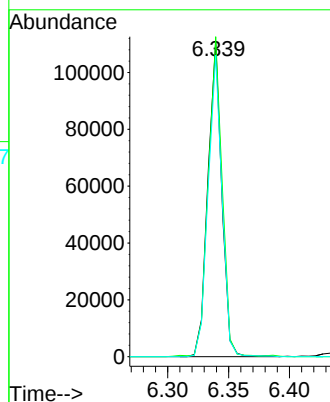
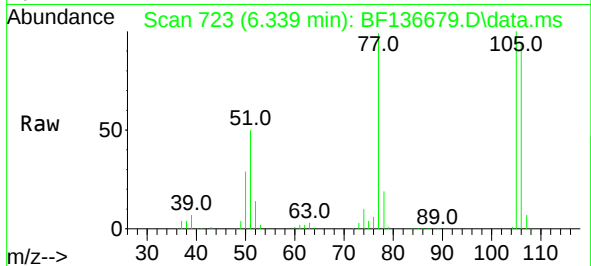
#9
Benzaldehyde
Concen: 24.930 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion: 77 Resp: 87724
Ion Ratio Lower Upper
77 100
105 101.3 84.8 124.8
106 95.4 77.8 117.8

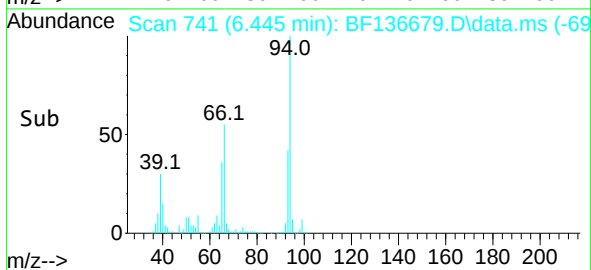
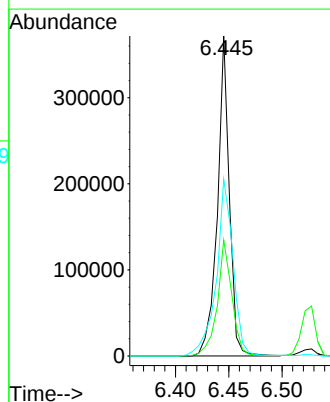
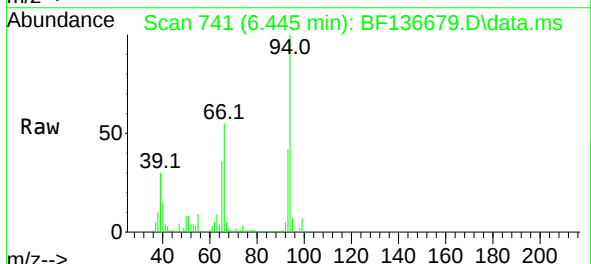
Manual Integrations
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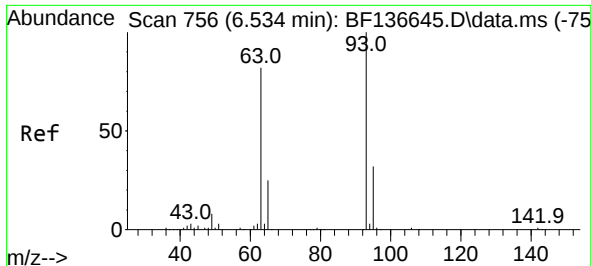
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#10
Phenol
Concen: 43.727 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

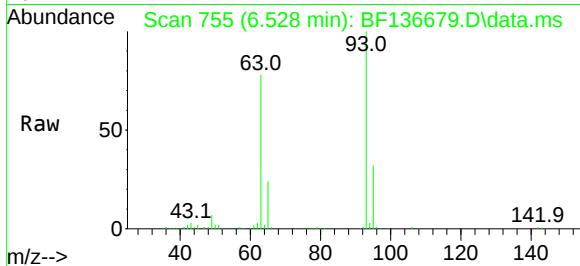
Tgt Ion: 94 Resp: 288771
Ion Ratio Lower Upper
94 100
65 36.3 16.6 56.6
66 55.2 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 43.515 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

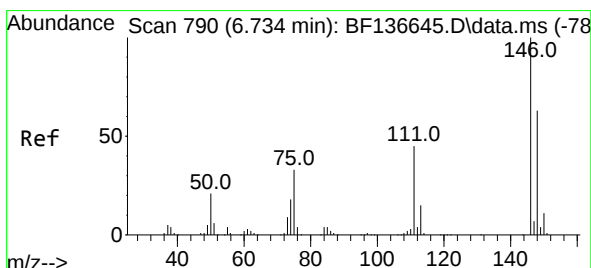
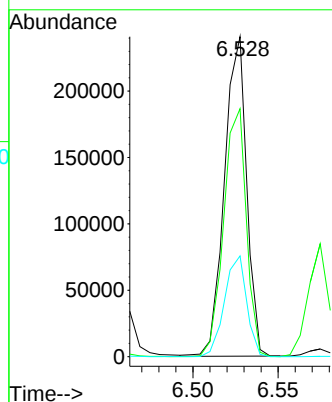
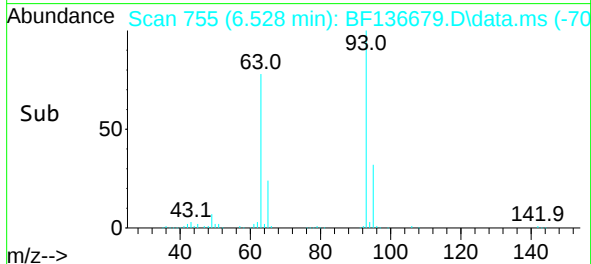
Instrument :
BNA_F
ClientSampleId :
PB157641BS



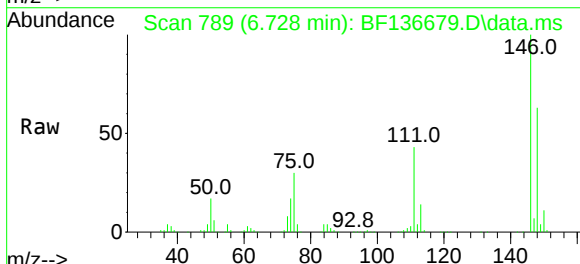
Tgt Ion: 93 Resp: 21854
Ion Ratio Lower Upper
93 100
63 77.5 61.2 101.2
95 31.5 11.6 51.6

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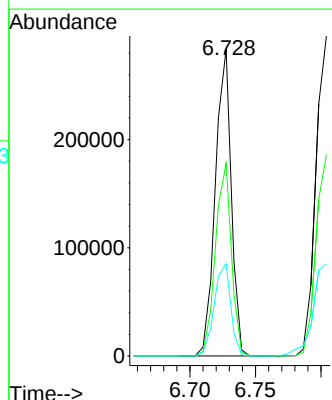
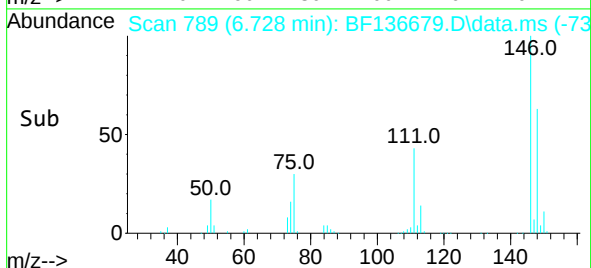
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

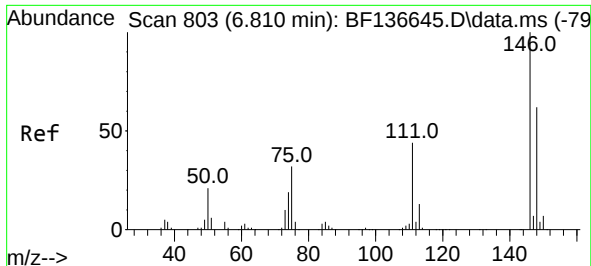


#12
1,3-Dichlorobenzene
Concen: 41.860 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



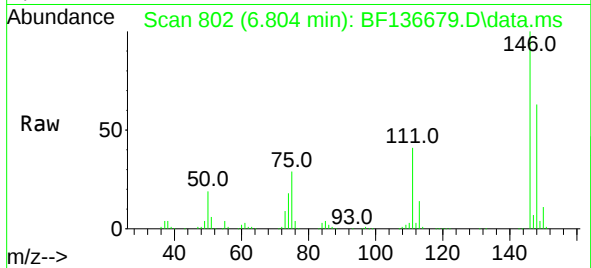
Tgt Ion:146 Resp: 238584
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 30.0 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 41.652 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

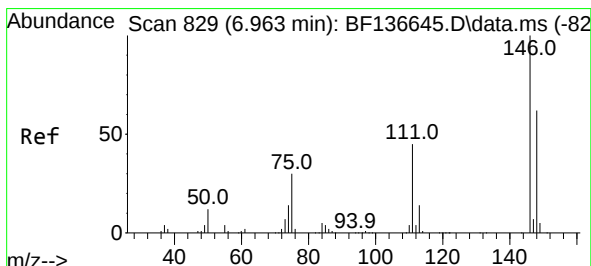
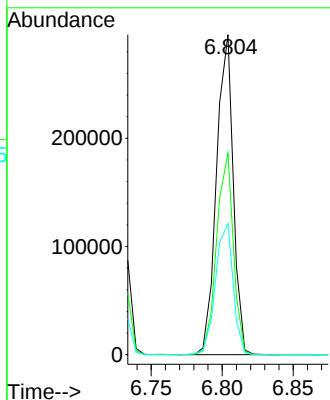
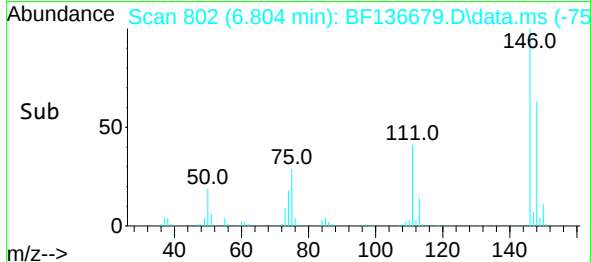
Instrument :
BNA_F
ClientSampleId :
PB157641BS



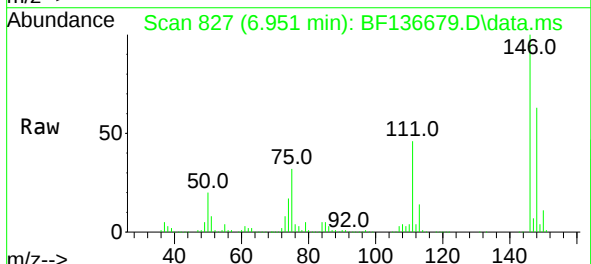
Tgt Ion:146 Resp: 242564
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
111 40.9 35.2 52.8

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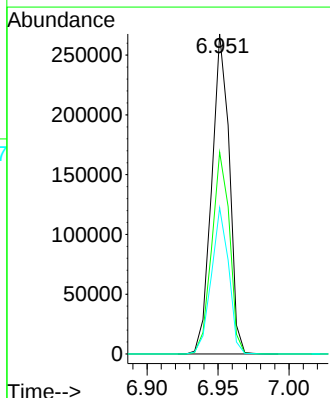
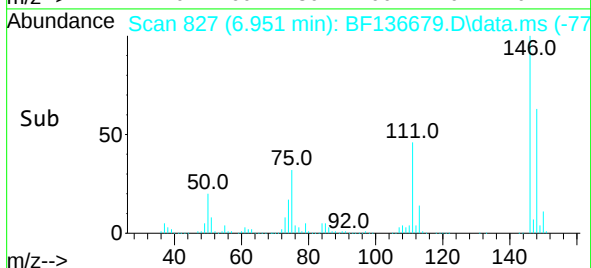
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#14
1,2-Dichlorobenzene
Concen: 42.472 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:146 Resp: 230156
Ion Ratio Lower Upper
146 100
148 63.0 49.6 74.4
111 45.7 36.2 54.2





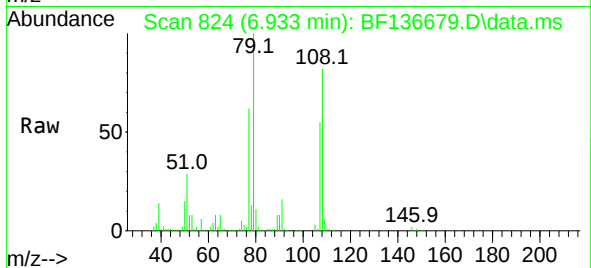
#15
Benzyl Alcohol
Concen: 45.657 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

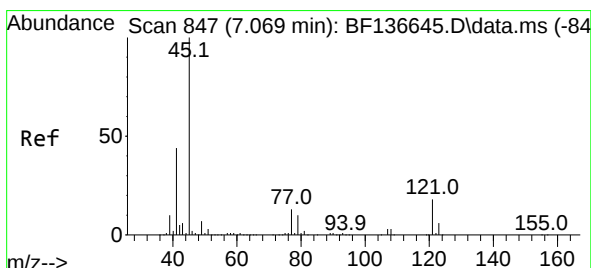
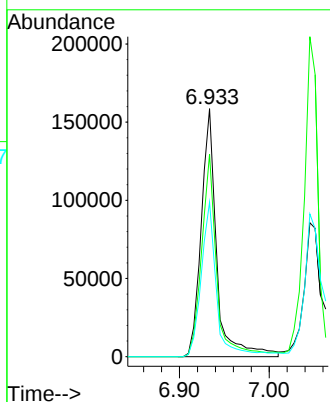
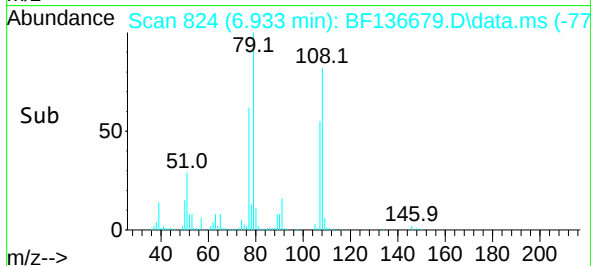
PB157641BS



Tgt Ion: 79 Resp: 190550
Ion Ratio Lower Upper
79 100
108 81.7 61.0 91.6
77 62.3 49.8 74.8

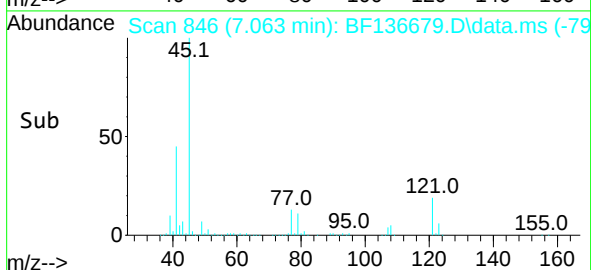
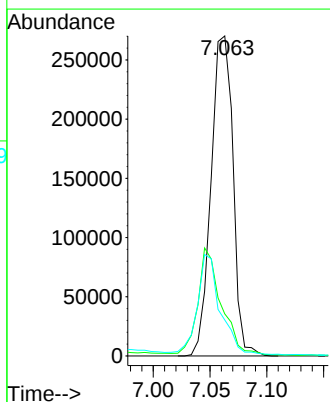
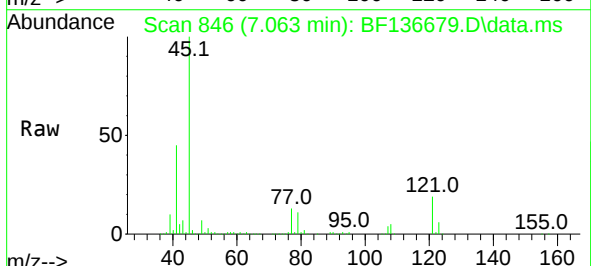
Manual Integrations
APPROVED

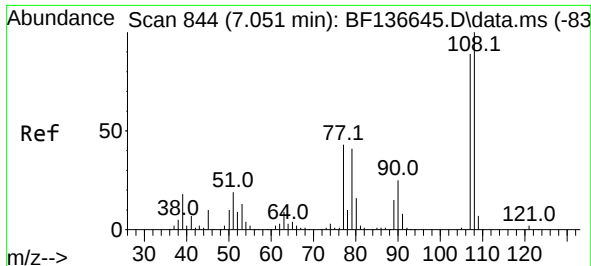
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.259 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

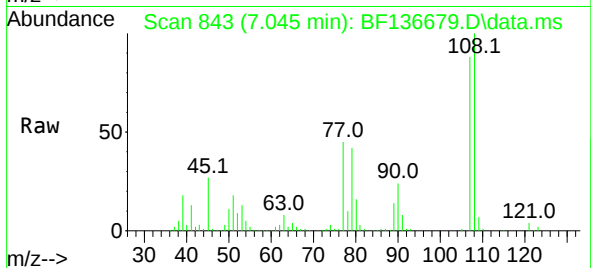
Tgt Ion: 45 Resp: 363406
Ion Ratio Lower Upper
45 100
77 13.2 0.0 34.3
79 11.3 0.0 31.4





#17
2-Methylphenol
Concen: 45.225 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

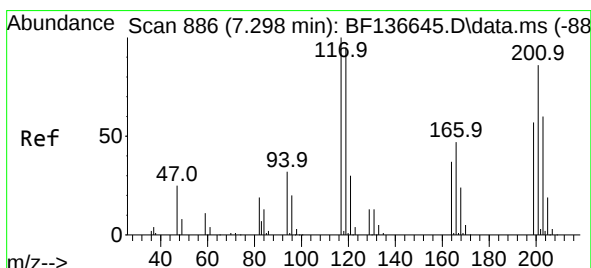
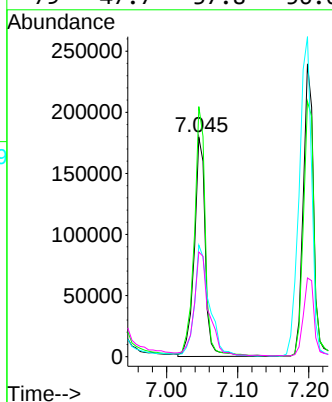
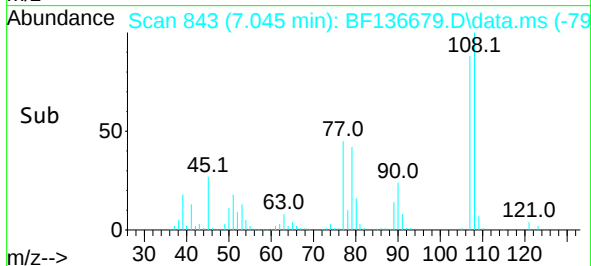
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:107 Resp: 195744
Ion Ratio Lower Upper
107 100
108 114.0 90.3 135.5
77 50.8 38.7 58.1
79 47.7 37.8 56.6

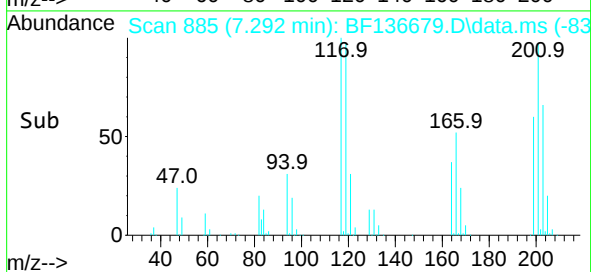
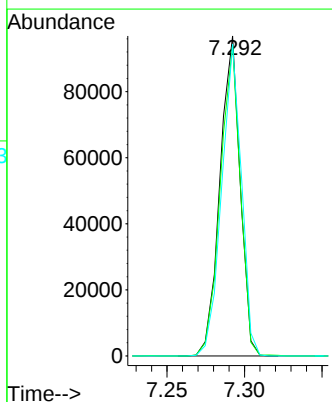
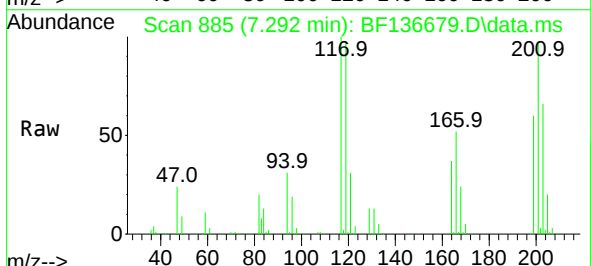
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 41.272 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

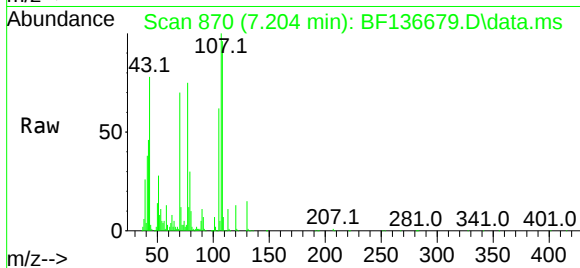
Tgt Ion:117 Resp: 87290
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.6
201 97.4 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.370 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

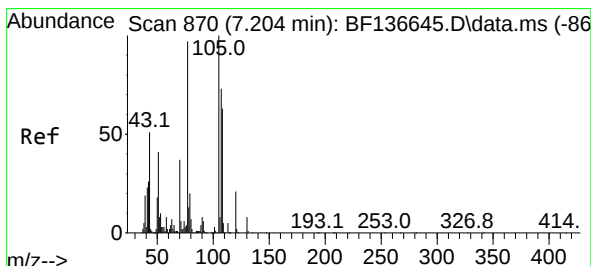
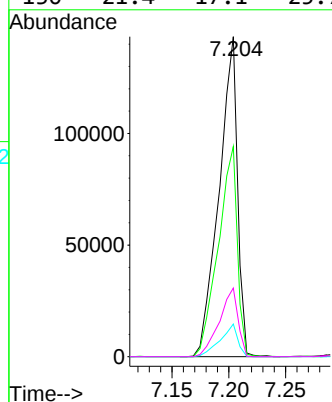
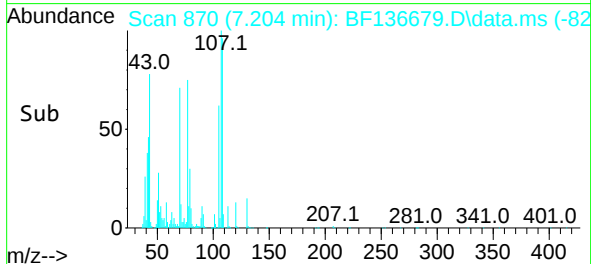
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion: 70 Resp: 16264
Ion Ratio Lower Upper
70 100
42 65.7 54.2 81.4
101 10.2 7.6 11.4
130 21.4 17.1 25.7

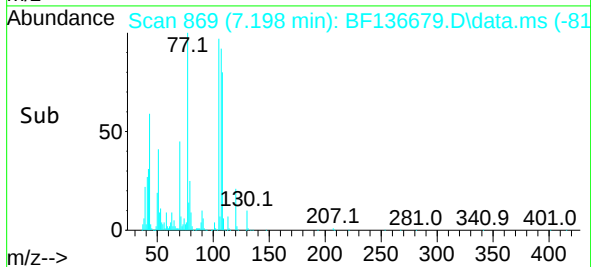
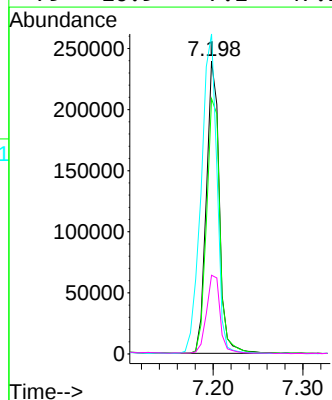
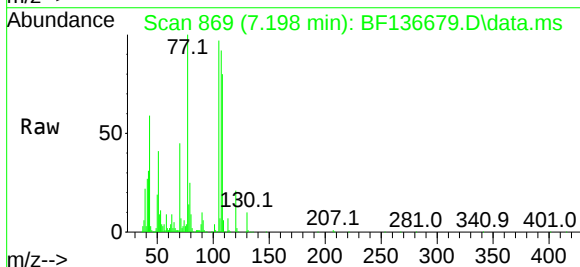
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 44.200 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:107 Resp: 239003
Ion Ratio Lower Upper
107 100
108 87.1 66.0 106.0
77 109.3 114.2 154.2#
79 26.9 7.2 47.2





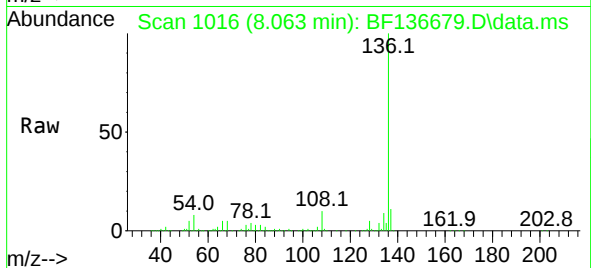
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

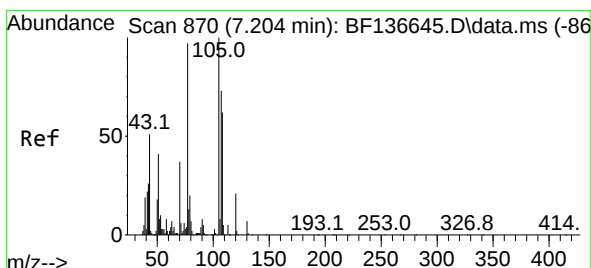
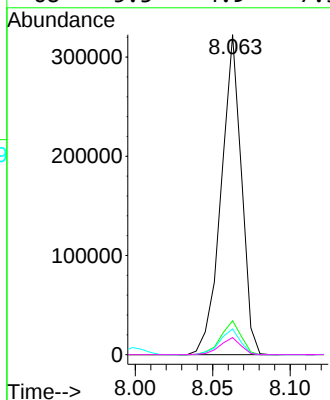
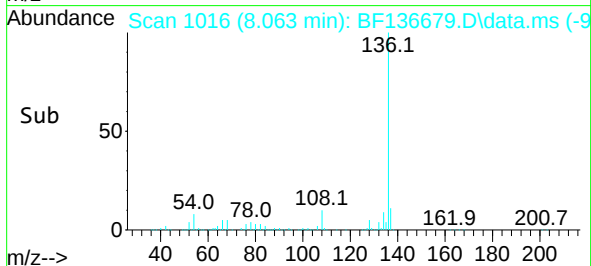


Tgt Ion:136 Resp: 293448
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.1 7.2 10.8
68 5.3 4.9 7.3

Manual Integrations

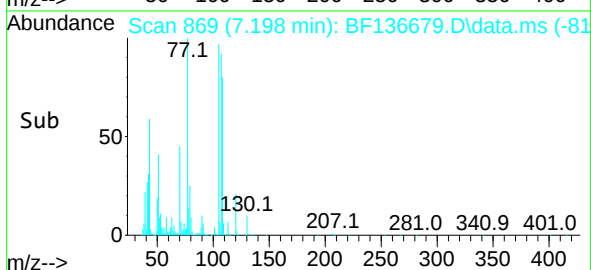
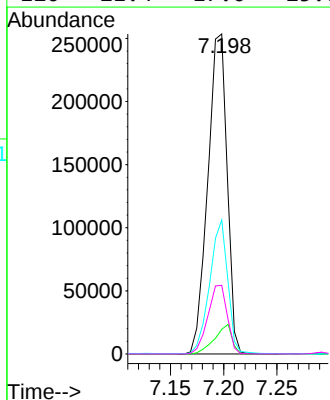
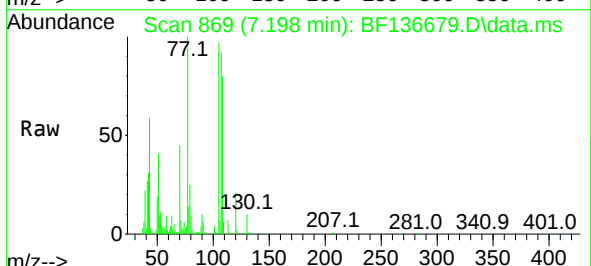
APPROVED

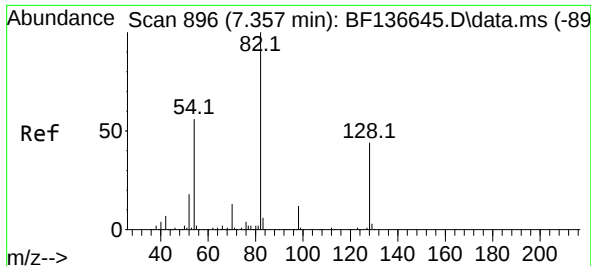
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#22
Acetophenone
Concen: 43.442 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:105 Resp: 319525
Ion Ratio Lower Upper
105 100
71 7.7 4.8 7.2#
51 41.9 32.8 49.2
120 21.4 17.0 25.6





#23
Nitrobenzene-d5
Concen: 84.332 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

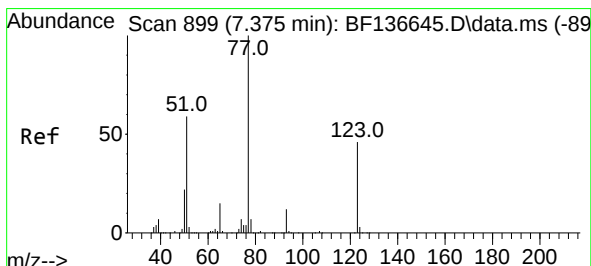
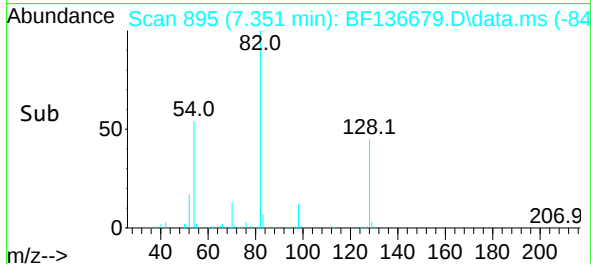
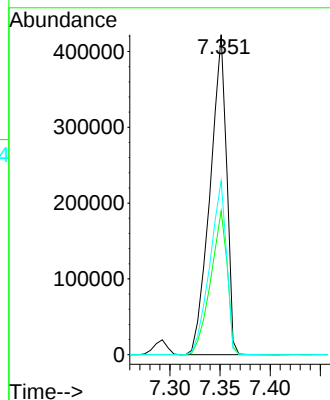
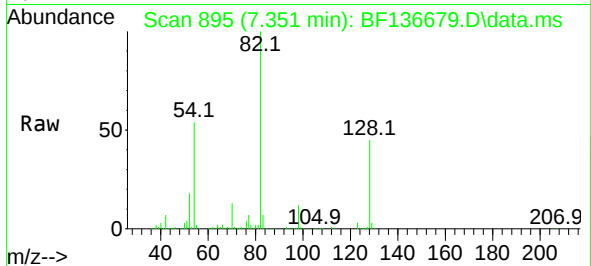
ClientSampleId :

PB157641BS

Tgt Ion: 82 Resp: 48361
Ion Ratio Lower Upper
82 100
128 45.0 35.3 52.9
54 54.3 44.5 66.7

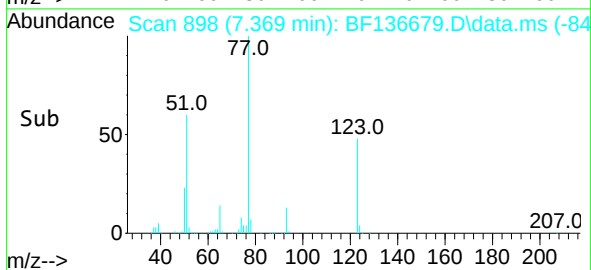
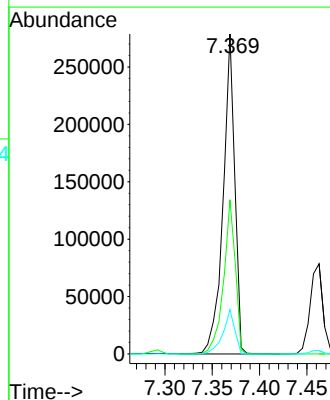
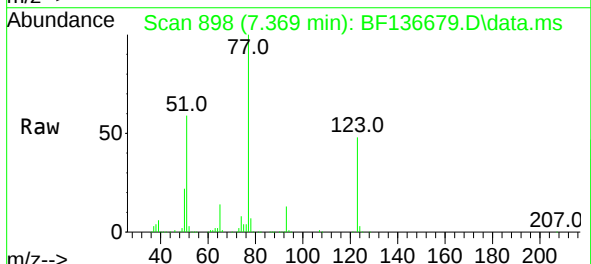
Manual Integrations
APPROVED

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



#24
Nitrobenzene
Concen: 41.791 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion: 77 Resp: 240074
Ion Ratio Lower Upper
77 100
123 48.2 36.7 55.1
65 13.8 11.8 17.6





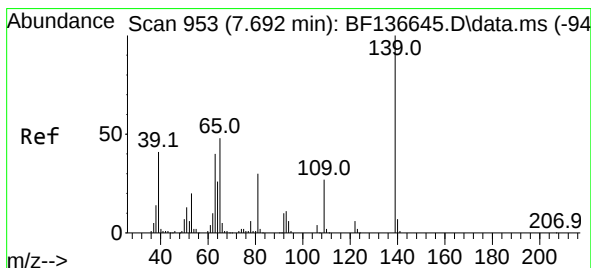
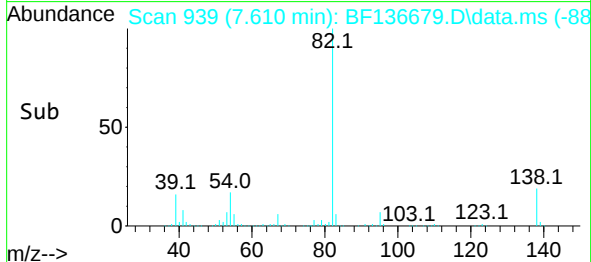
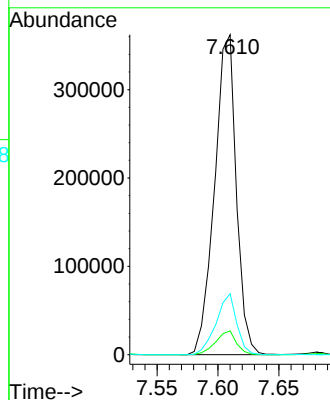
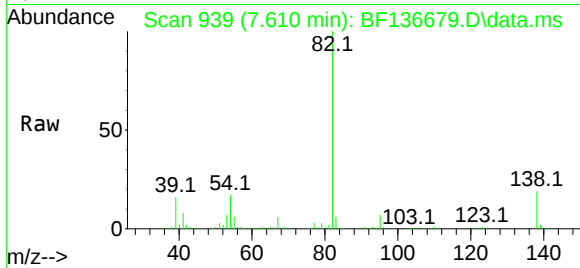
#25
Isophorone
Concen: 43.148 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion: 82 Resp: 45023
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 19.0 14.5 21.7

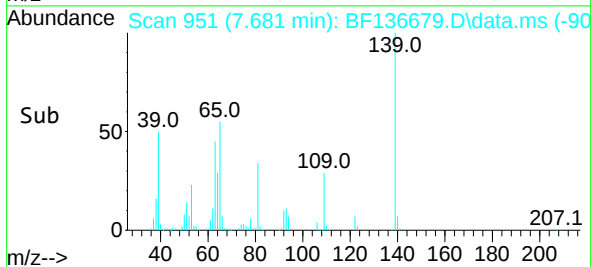
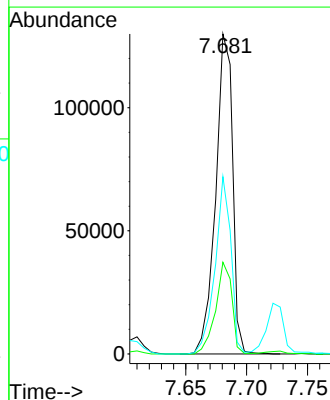
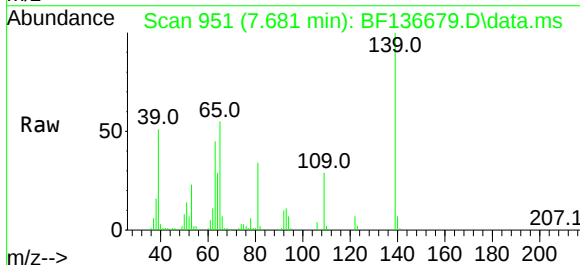
Manual Integrations
APPROVED

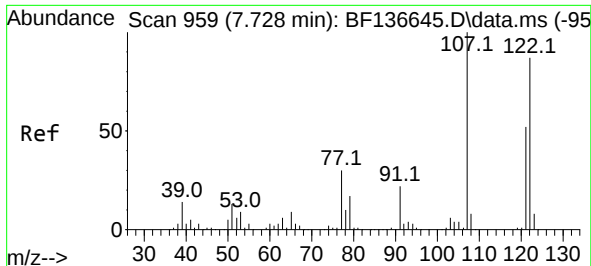
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#26
2-Nitrophenol
Concen: 45.712 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:139 Resp: 125638
Ion Ratio Lower Upper
139 100
109 28.6 21.9 32.9
65 55.4 38.6 58.0





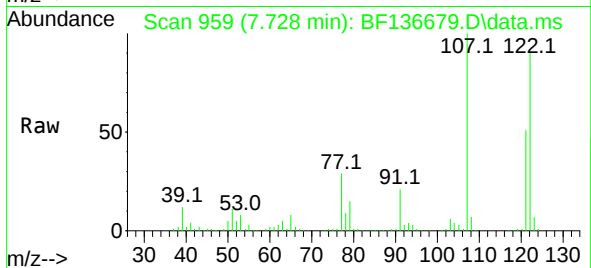
#27
2,4-Dimethylphenol
Concen: 65.069 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

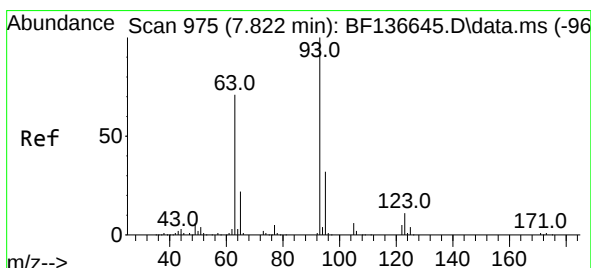
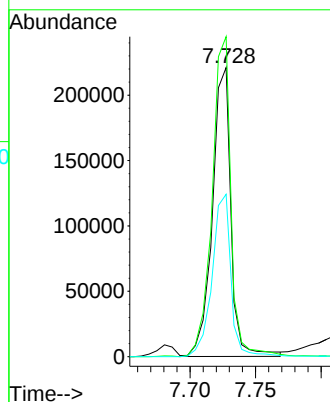
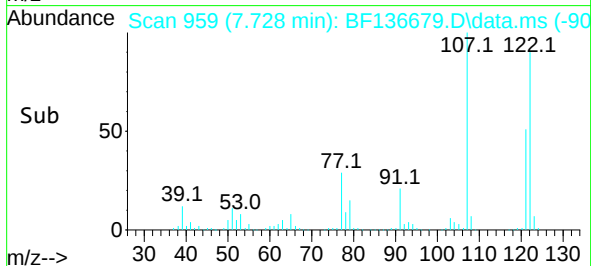


Tgt Ion:122 Resp: 217729
Ion Ratio Lower Upper
122 100
107 110.6 92.0 138.0
121 56.2 47.5 71.3

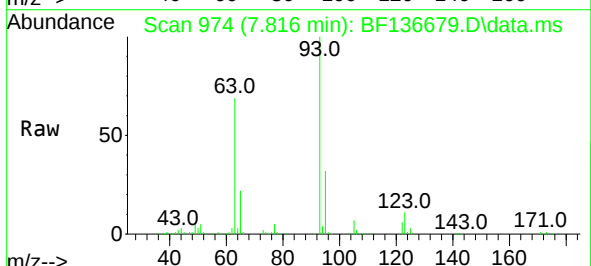
Manual Integrations

APPROVED

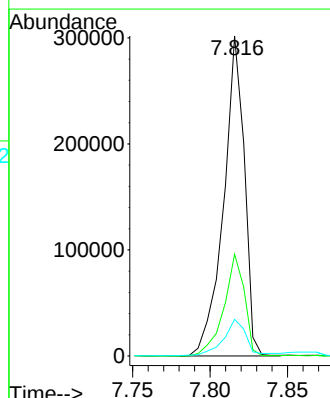
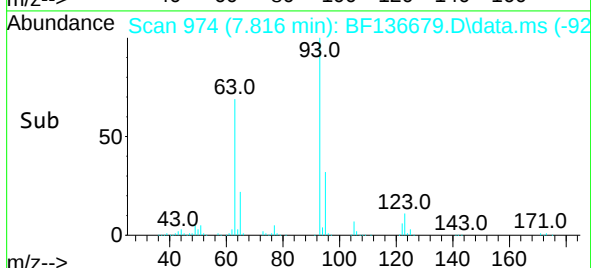
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.308 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion: 93 Resp: 281038
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 11.5 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 45.222 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

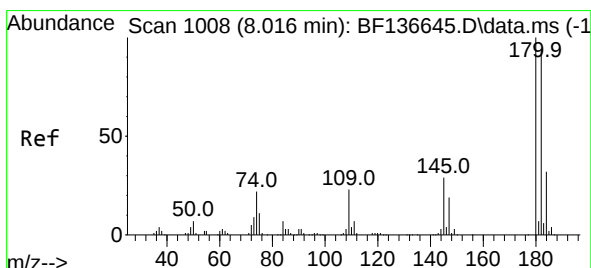
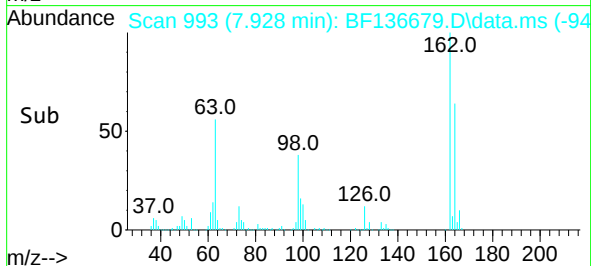
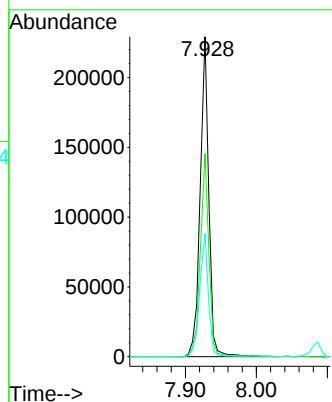
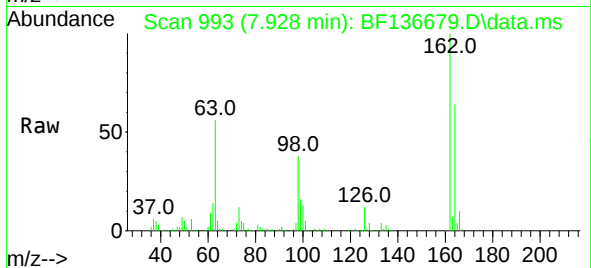
ClientSampleId :

PB157641BS

Tgt Ion:162 Resp: 194809
Ion Ratio Lower Upper
162 100
164 63.5 41.7 81.7
98 38.5 19.5 59.5

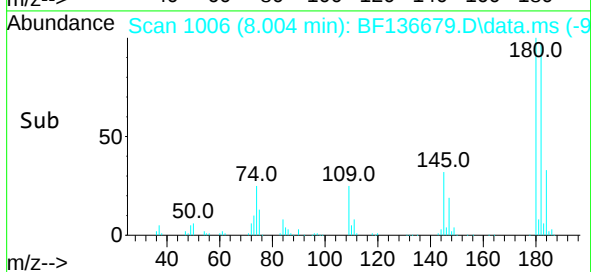
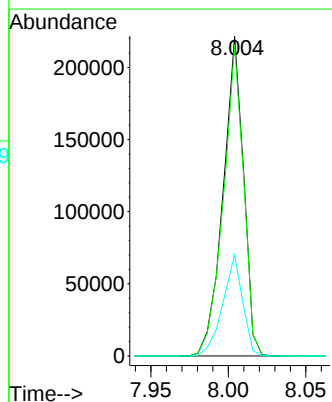
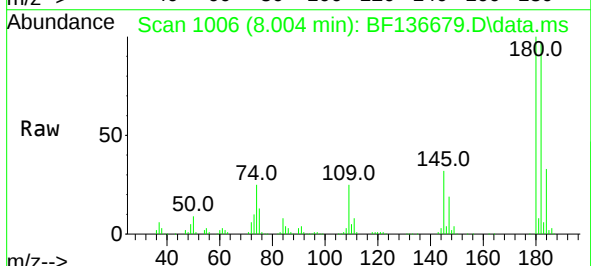
Manual Integrations
APPROVED

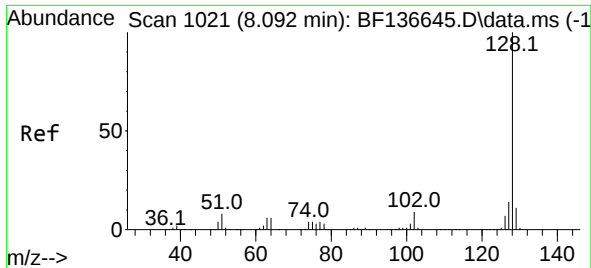
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.219 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:180 Resp: 202639
Ion Ratio Lower Upper
180 100
182 97.1 75.4 113.0
145 31.6 23.1 34.7





#31
Naphthalene
Concen: 42.784 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

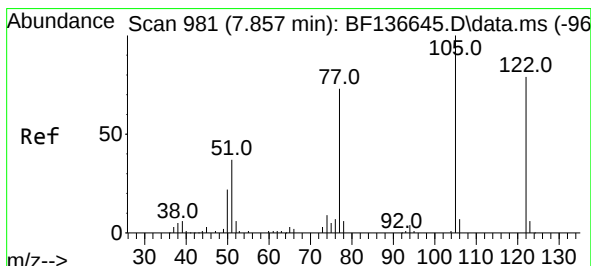
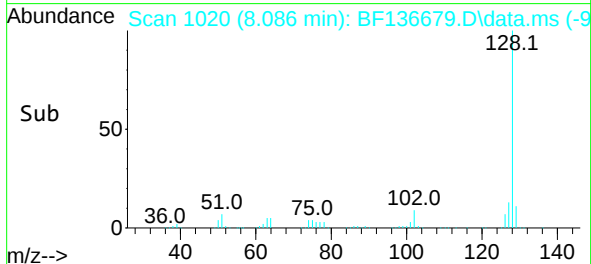
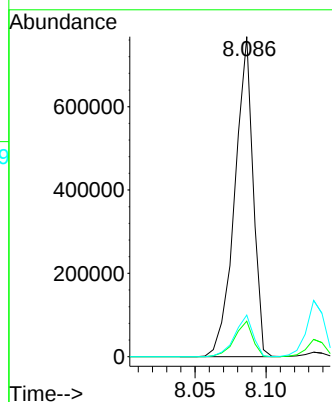
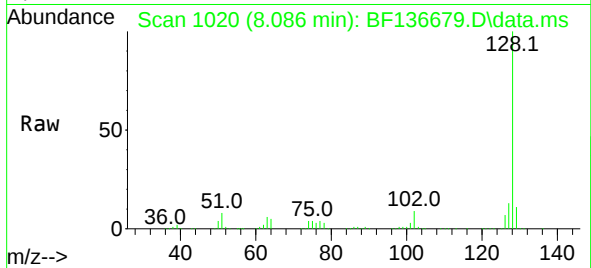
PB157641BS

Tgt Ion:128 Resp: 689738
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.8 16.2

Manual Integrations

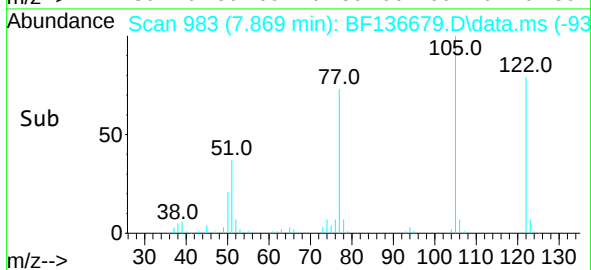
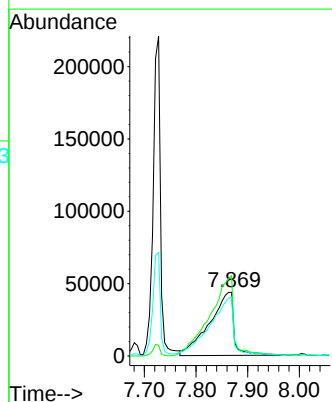
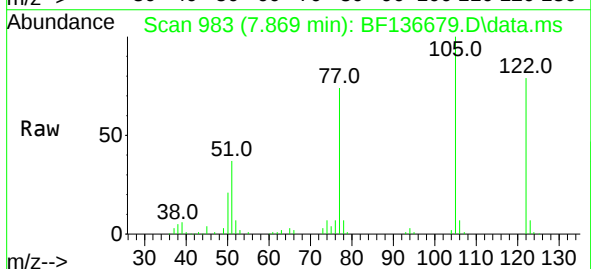
APPROVED

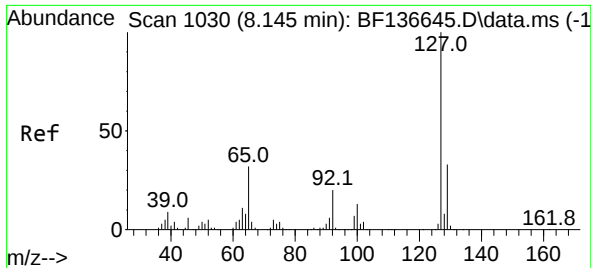
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#32
Benzoic acid
Concen: 44.684 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:122 Resp: 144667
Ion Ratio Lower Upper
122 100
105 126.0 100.8 140.8
77 92.7 70.9 110.9





#33
4-Chloroaniline
Concen: 21.839 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

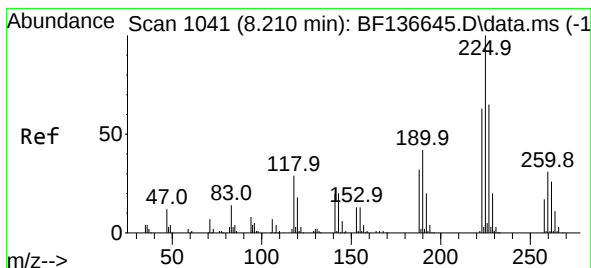
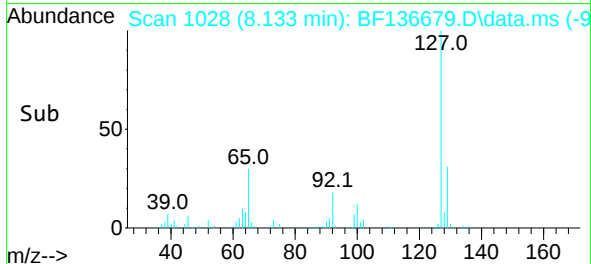
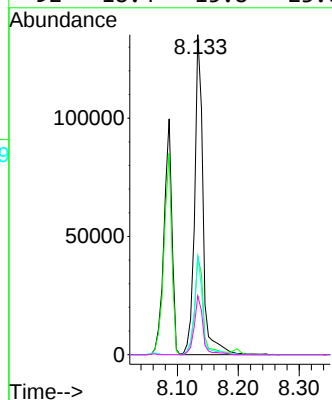
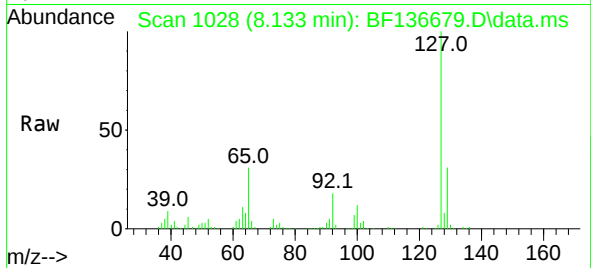
PB157641BS

Tgt Ion:	127	Resp:	129992
Ion Ratio	Lower	Upper	
127	100		
129	30.8	26.3	39.5
65	31.0	25.8	38.8
92	18.4	15.8	23.6

Manual Integrations

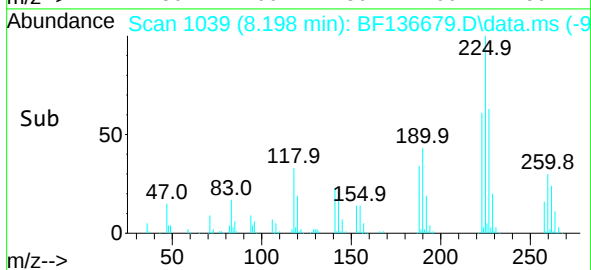
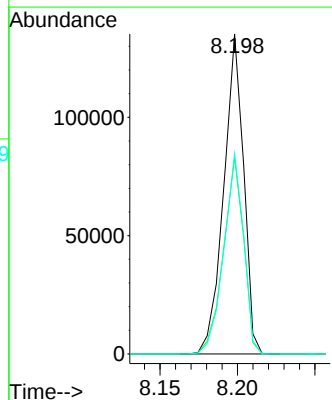
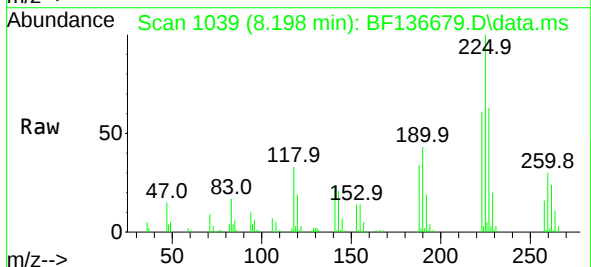
APPROVED

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



#34
Hexachlorobutadiene
Concen: 41.332 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

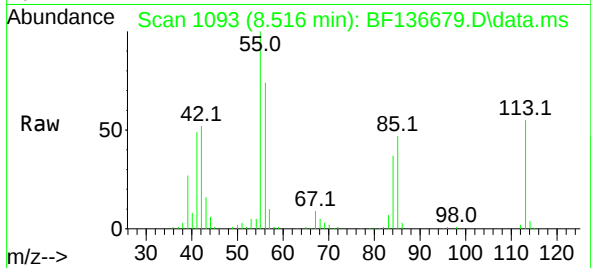
Tgt Ion:	225	Resp:	120529
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.6	76.0
227	62.6	51.9	77.9





#35
Caprolactam
Concen: 46.857 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

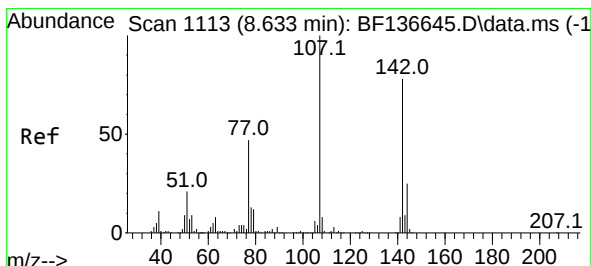
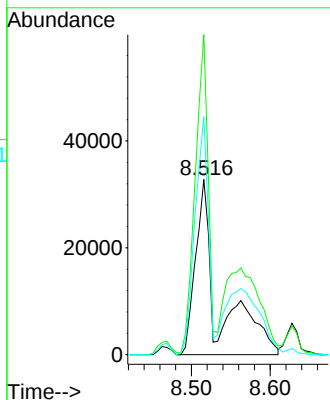
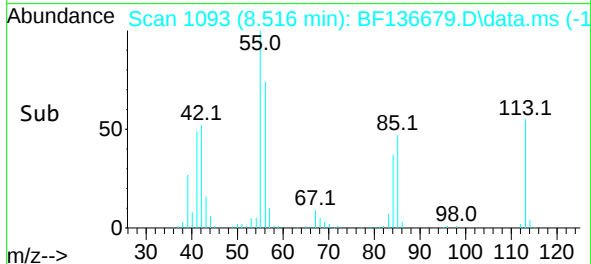
Instrument :
BNA_F
ClientSampleId :
PB157641BS



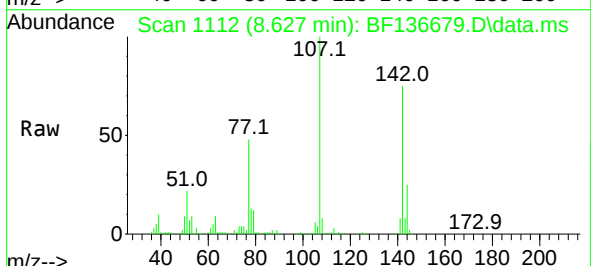
Tgt Ion:113 Resp: 66590
Ion Ratio Lower Upper
113 100
55 182.7 163.1 203.1
56 135.8 121.7 161.7

Manual Integrations
APPROVED

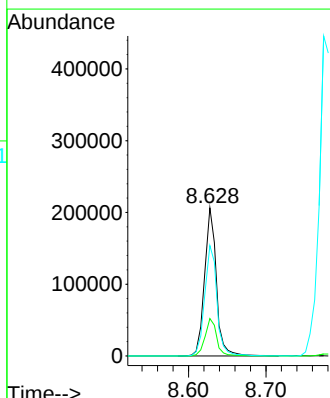
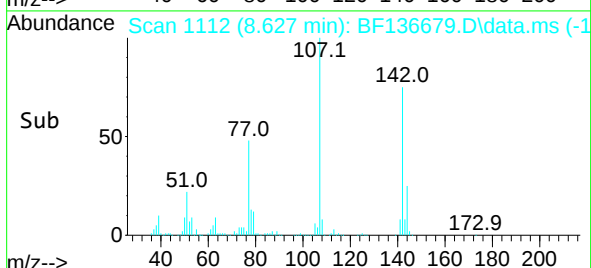
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

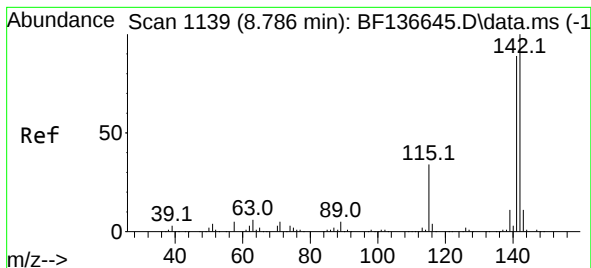


#36
4-Chloro-3-methylphenol
Concen: 45.117 ng
RT: 8.627 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:107 Resp: 218801
Ion Ratio Lower Upper
107 100
144 25.3 20.2 30.2
142 74.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 43.004 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:142 Resp: 44617

Ion Ratio Lower Upper

142 100

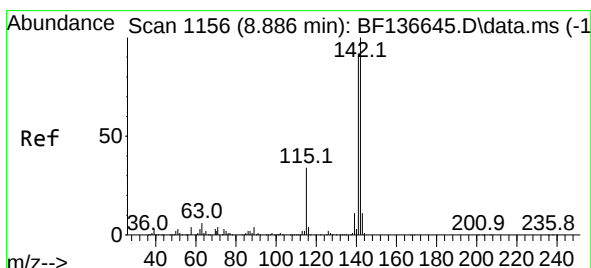
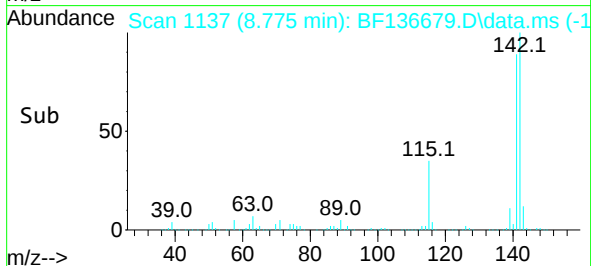
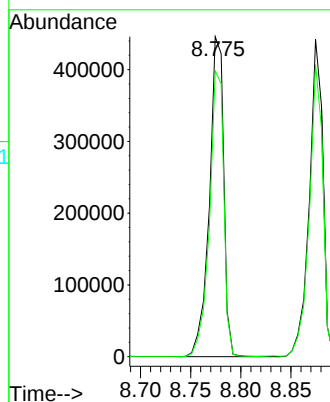
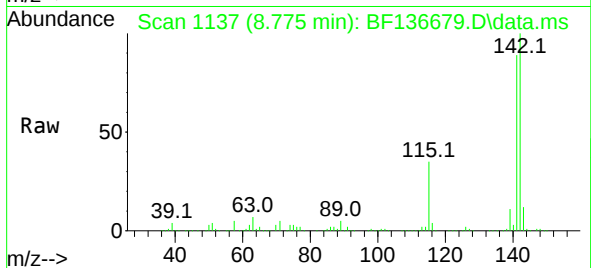
141 89.3 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#38

1-Methylnaphthalene

Concen: 40.768 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136679.D

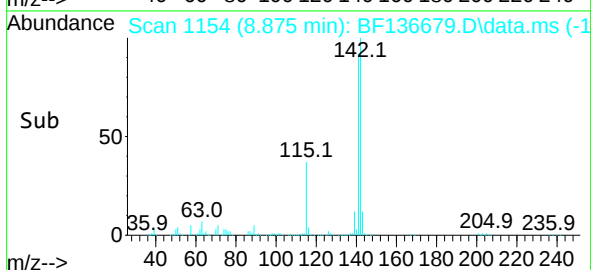
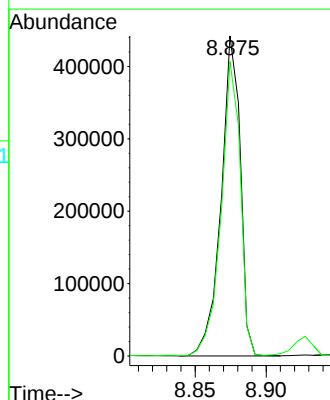
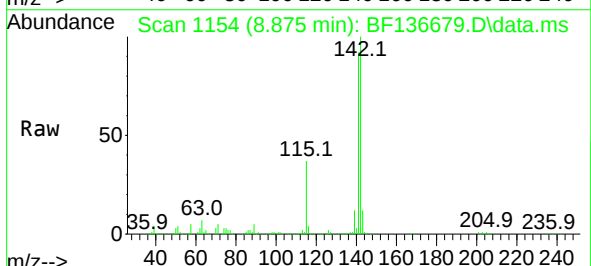
Acq: 22 Dec 2023 11:06

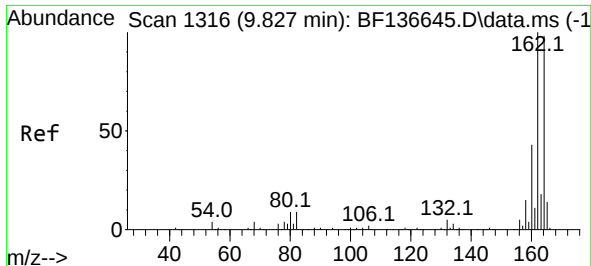
Tgt Ion:142 Resp: 414971

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





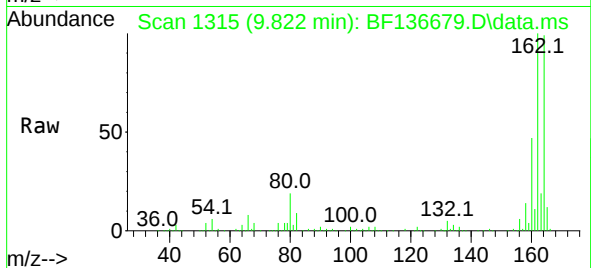
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

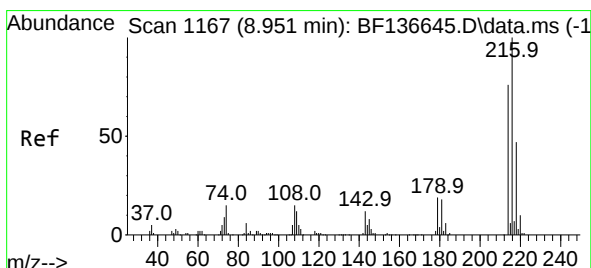
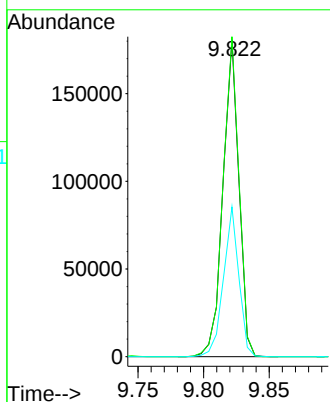
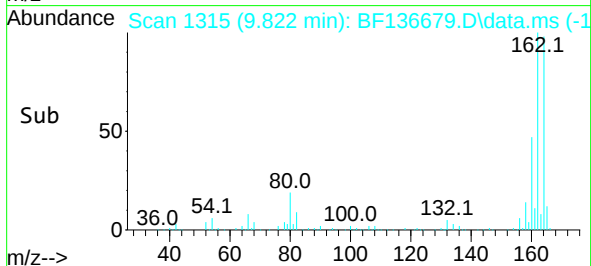
PB157641BS



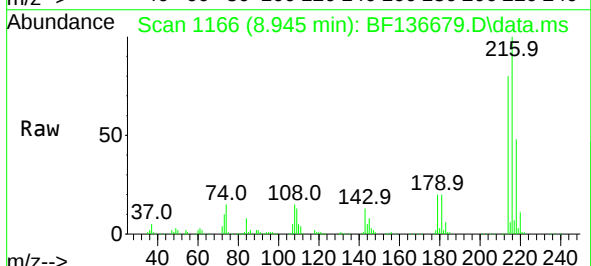
Tgt Ion:164 Resp: 15271
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 47.3 34.9 52.3

Manual Integrations
APPROVED

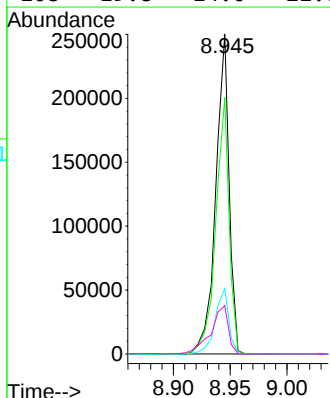
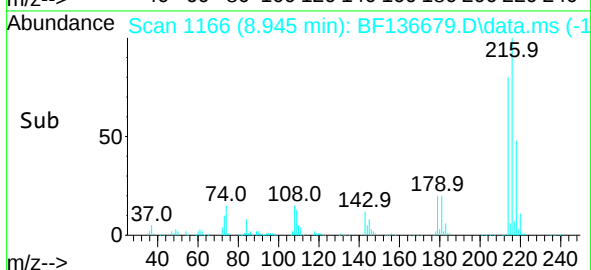
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

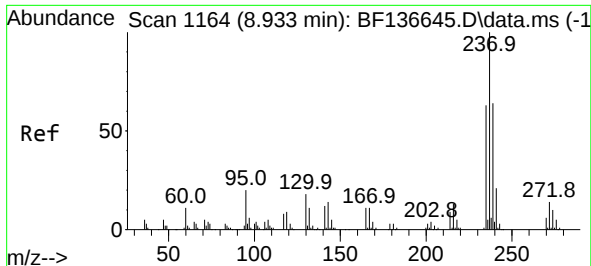


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.374 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



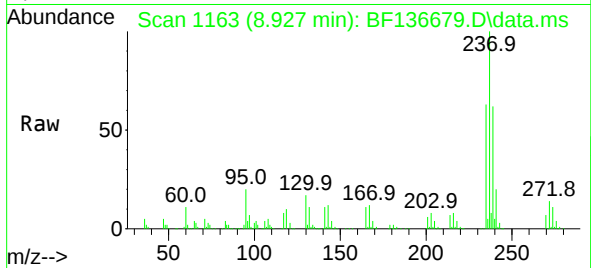
Tgt Ion:216 Resp: 205139
Ion Ratio Lower Upper
216 100
214 80.2 62.3 93.5
179 20.9 16.4 24.6
108 19.8 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 139.366 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

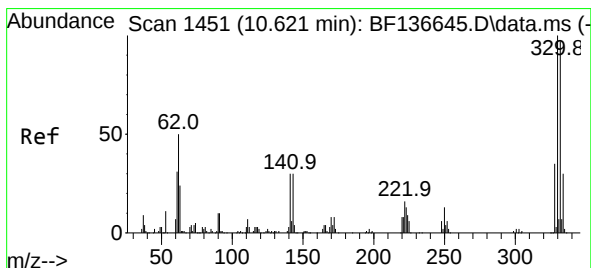
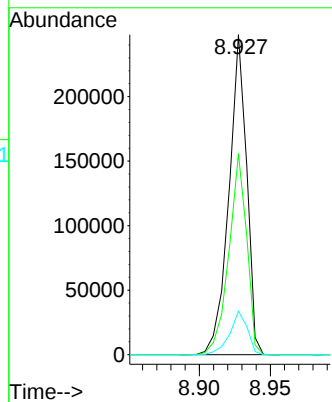
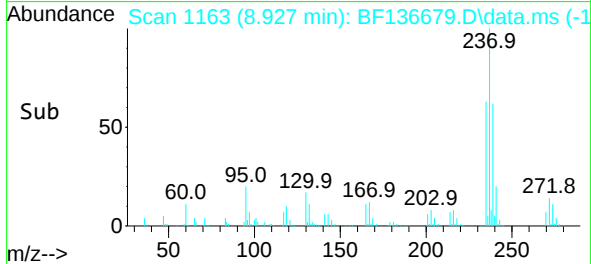
Instrument :
BNA_F
ClientSampleId :
PB157641BS



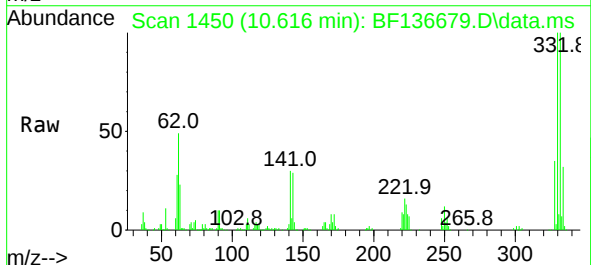
Tgt Ion:237 Resp: 216000
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 13.6 0.0 34.2

Manual Integrations
APPROVED

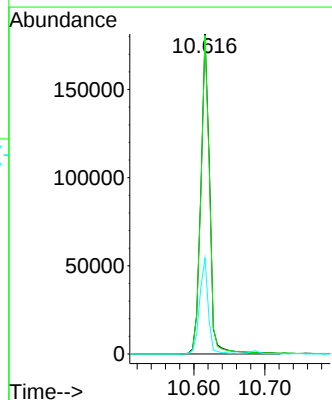
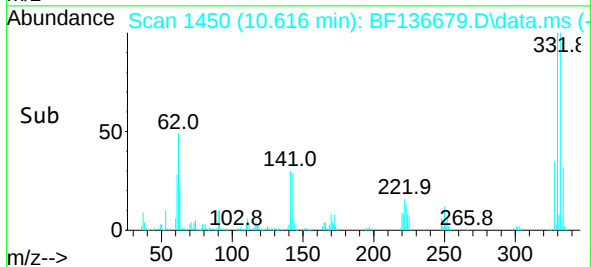
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#42
2,4,6-Tribromophenol
Concen: 87.813 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:330 Resp: 157939
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 29.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 45.572 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136679.D

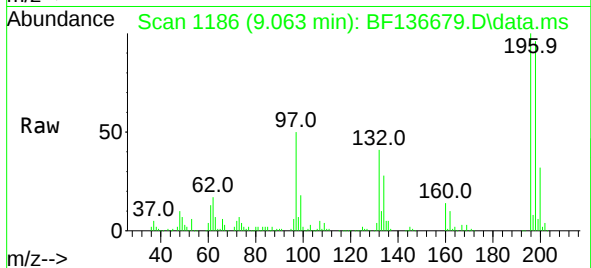
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS



Tgt Ion:196 Resp: 138228

Ion Ratio Lower Upper

196 100

198 95.7 75.1 112.7

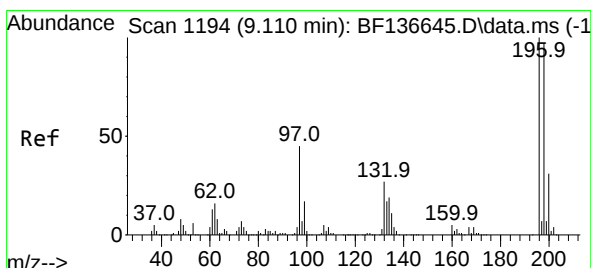
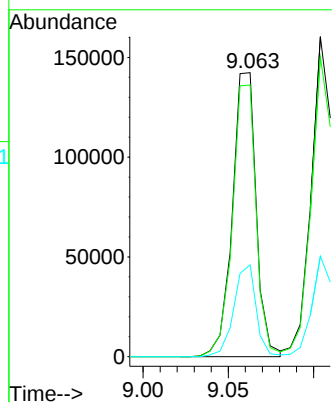
200 32.3 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#44

2,4,5-Trichlorophenol

Concen: 44.779 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Tgt Ion:196 Resp: 151355

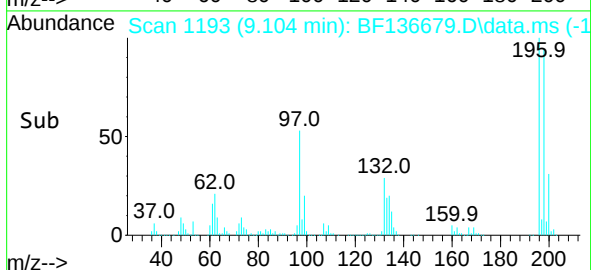
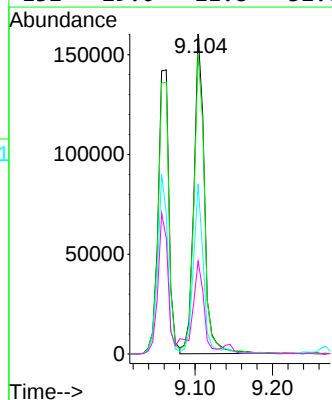
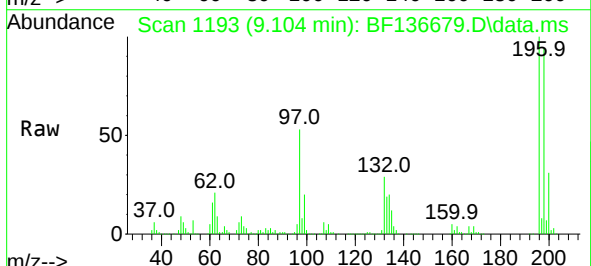
Ion Ratio Lower Upper

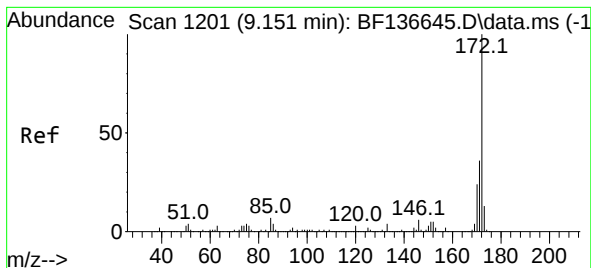
196 100

198 93.7 77.0 115.6

97 53.1 36.1 54.1

132 29.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 84.196 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136679.D

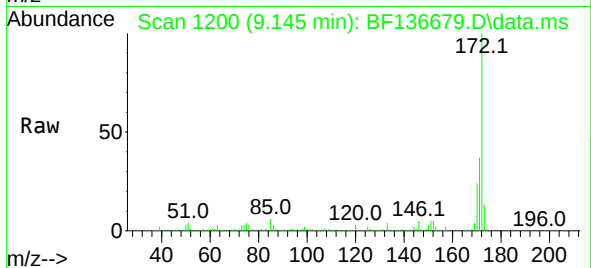
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS



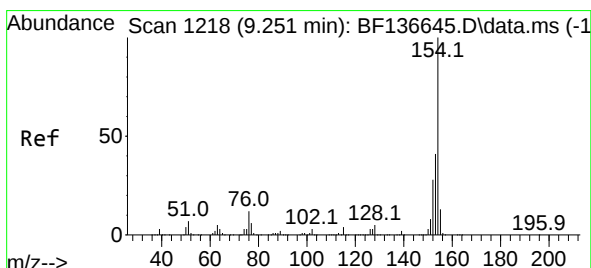
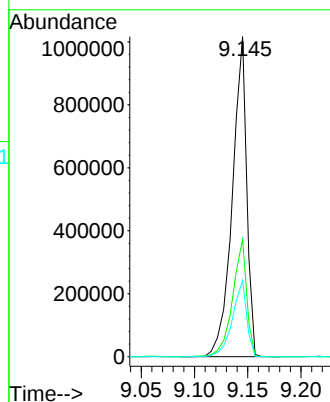
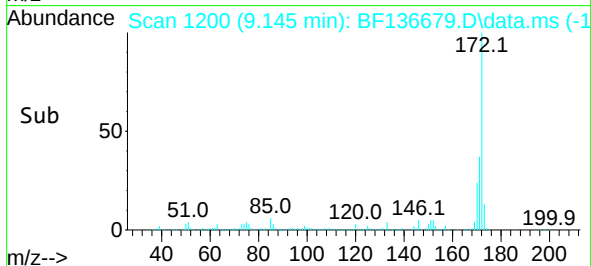
Tgt Ion:	172	Resp:	95601
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.0	43.6
170	23.9	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#46

1,1'-Biphenyl

Concen: 43.372 ng

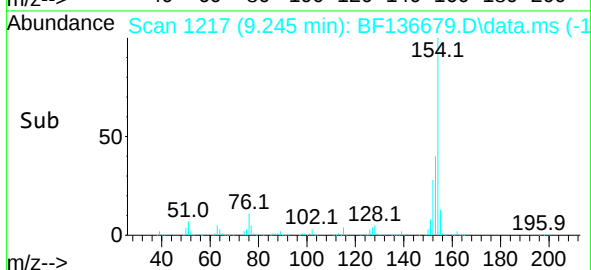
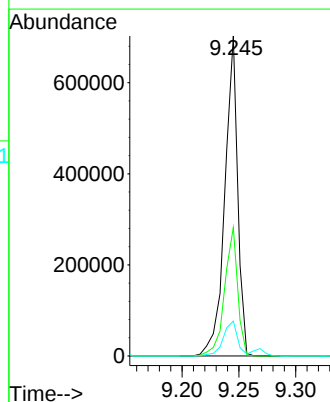
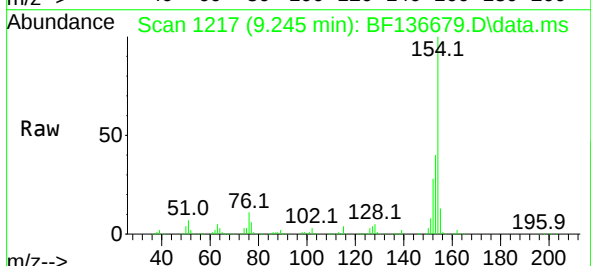
RT: 9.245 min Scan# 1217

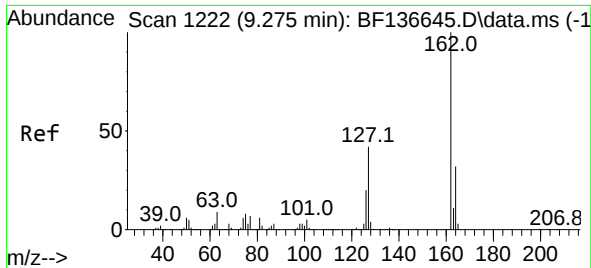
Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Tgt Ion:	154	Resp:	555819
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.1	61.1
76	10.9	0.0	31.7





#47

2-Chloronaphthalene

Concen: 43.055 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

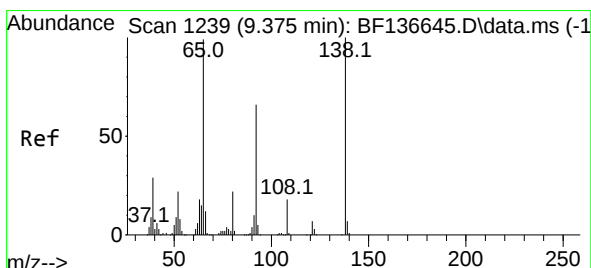
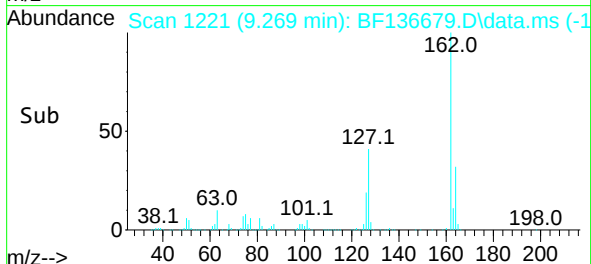
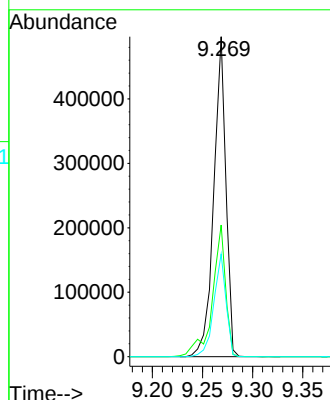
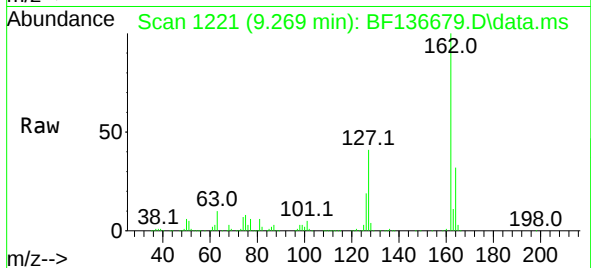
PB157641BS

Tgt Ion:162 Resp: 419460
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.6 50.4
 164 32.1 25.7 38.5

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 45.499 ng

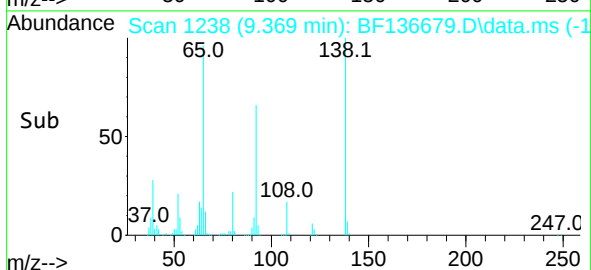
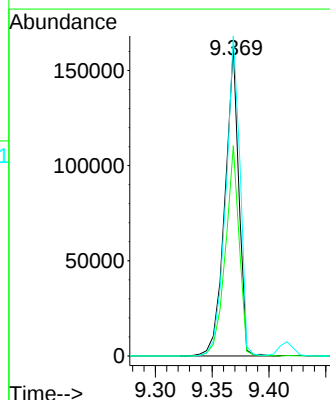
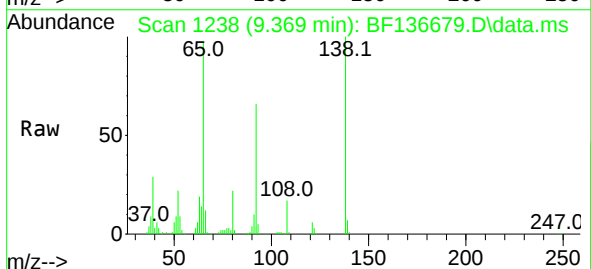
RT: 9.369 min Scan# 1238

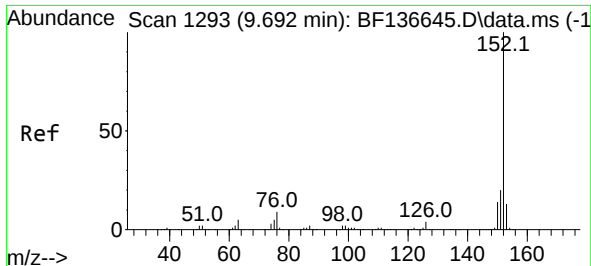
Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Tgt Ion: 65 Resp: 138810
 Ion Ratio Lower Upper
 65 100
 92 67.8 53.2 79.8
 138 103.2 81.1 121.7





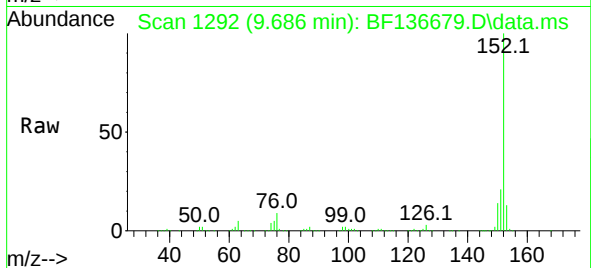
#49
Acenaphthylene
Concen: 45.368 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS



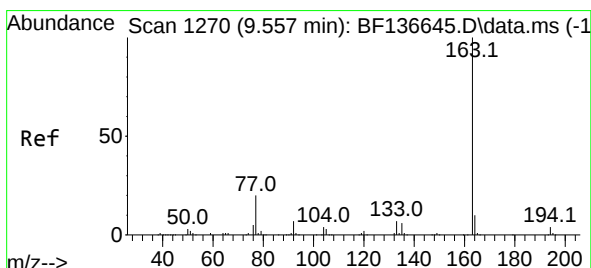
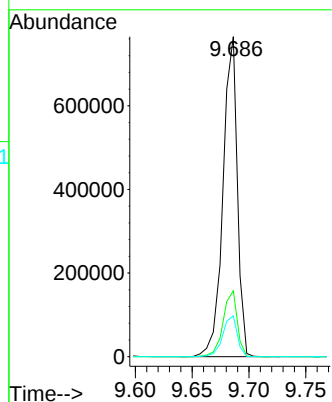
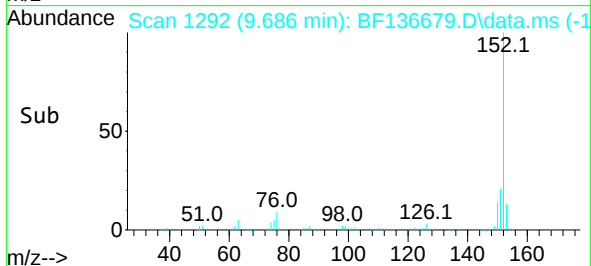
Tgt Ion:152 Resp: 67557
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 12.8 10.2 15.2

Manual Integrations

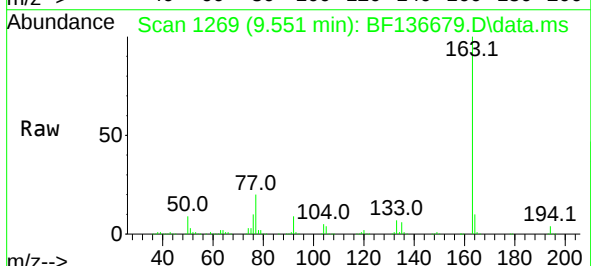
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

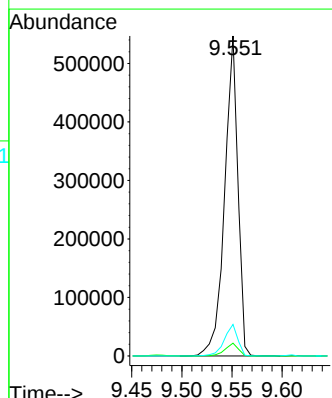
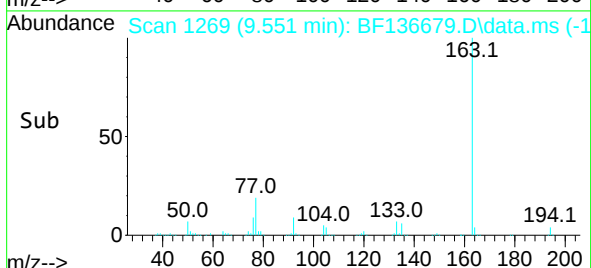
Supervised By :mohammad ahmed 12/25/2023

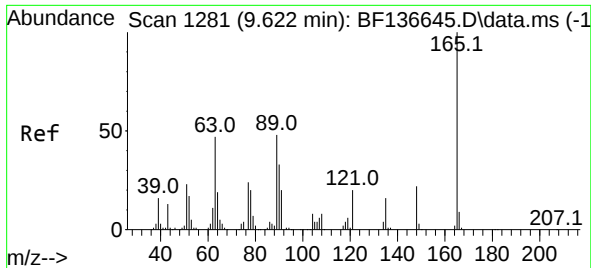


#50
Dimethylphthalate
Concen: 44.876 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:163 Resp: 500584
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 7.8 11.6





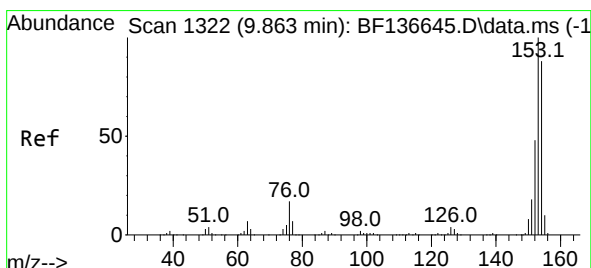
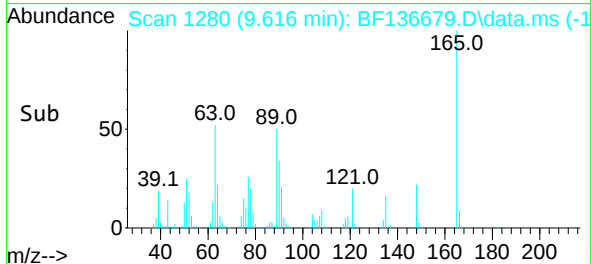
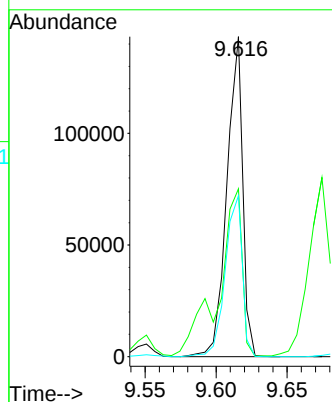
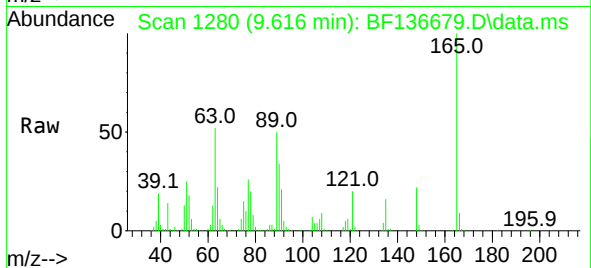
#51
2,6-Dinitrotoluene
Concen: 43.640 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion:165 Resp: 110478
Ion Ratio Lower Upper
165 100
63 52.4 39.8 59.6
89 50.3 38.8 58.2

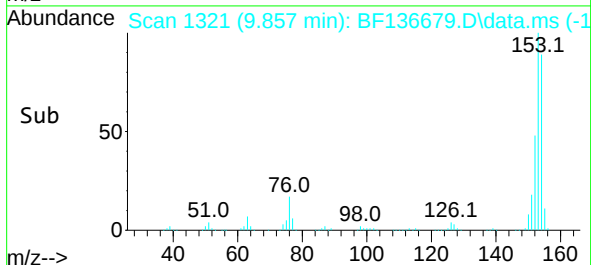
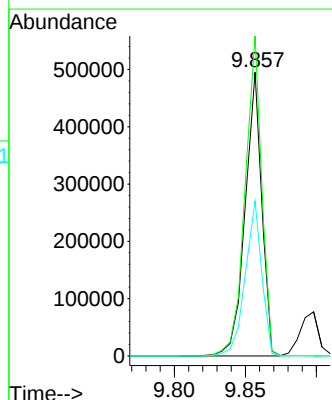
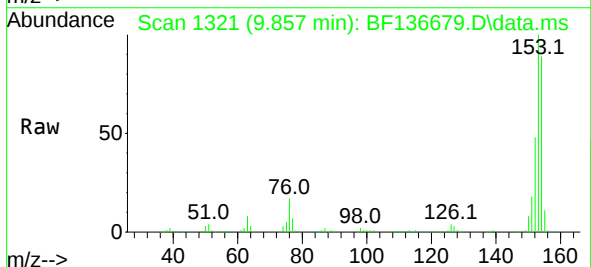
Manual Integrations
APPROVED

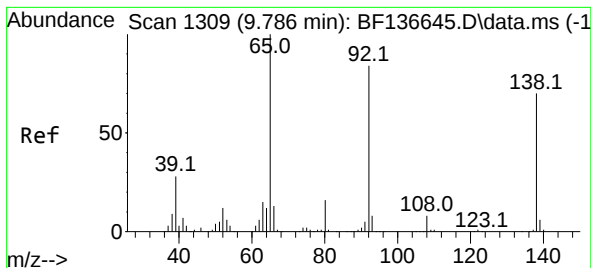
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 43.700 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:154 Resp: 403381
Ion Ratio Lower Upper
154 100
153 112.8 90.7 136.1
152 54.6 43.7 65.5





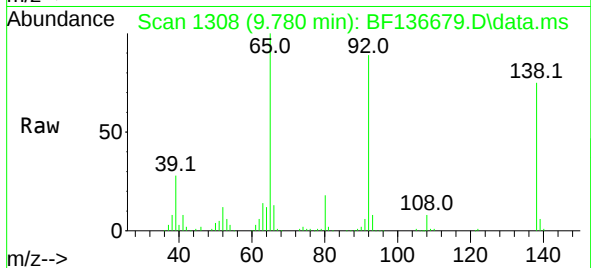
#53
3-Nitroaniline
Concen: 29.748 ng
RT: 9.780 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

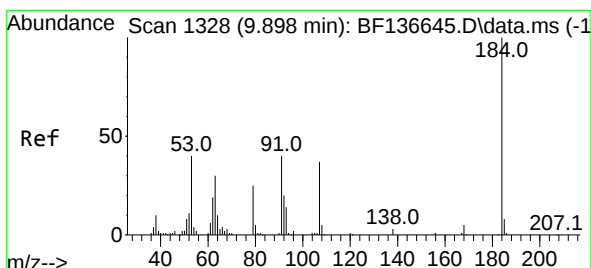
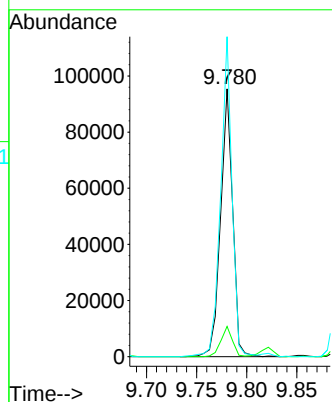
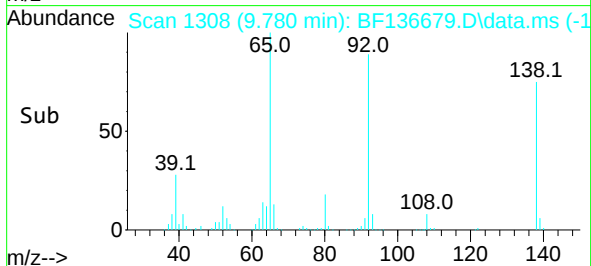


Tgt Ion:138 Resp: 7977
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 119.5 95.2 142.8

Manual Integrations

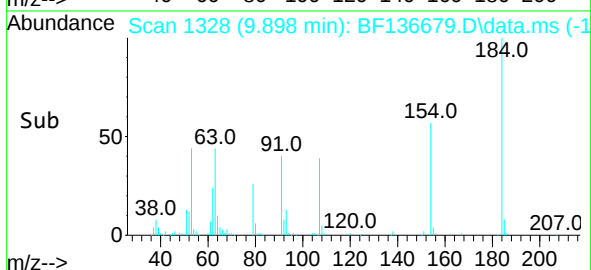
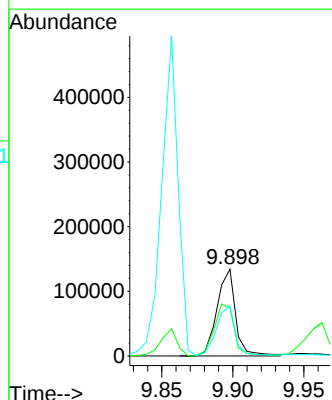
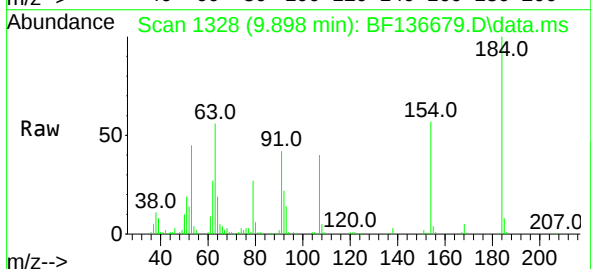
APPROVED

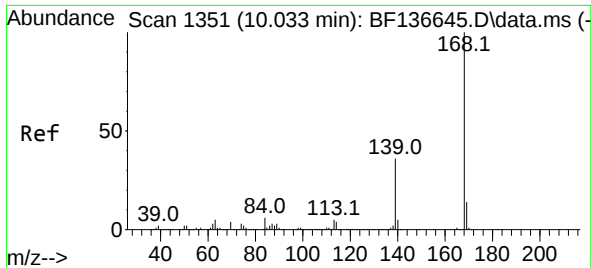
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#54
2,4-Dinitrophenol
Concen: 86.900 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:184 Resp: 122401
Ion Ratio Lower Upper
184 100
63 55.5 40.9 61.3
154 57.5 42.7 64.1





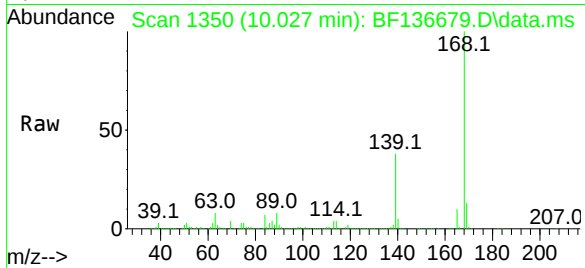
#55
Dibenzenofuran
Concen: 43.913 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

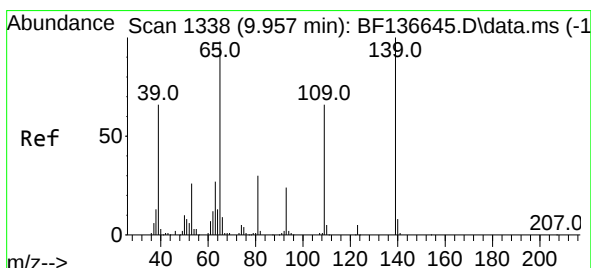
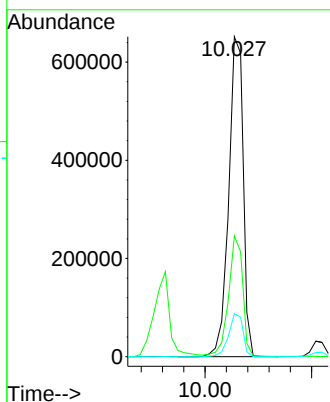
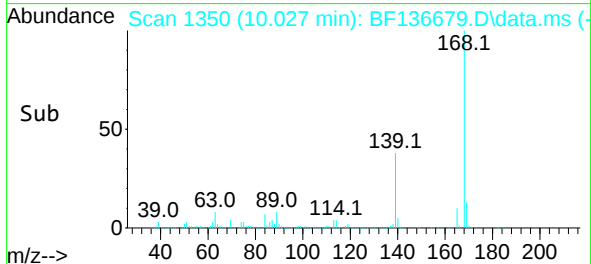


Tgt Ion:168 Resp: 614458
Ion Ratio Lower Upper
168 100
139 37.8 29.3 43.9
169 13.5 11.0 16.4

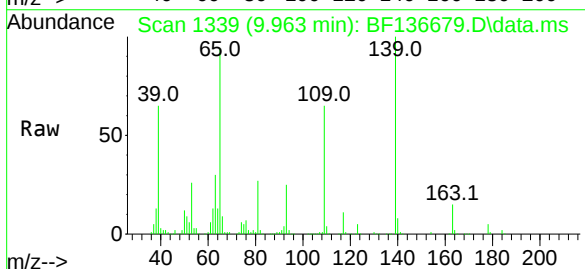
Manual Integrations

APPROVED

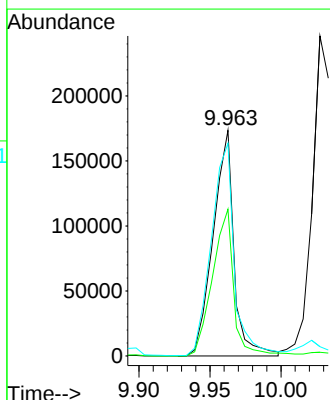
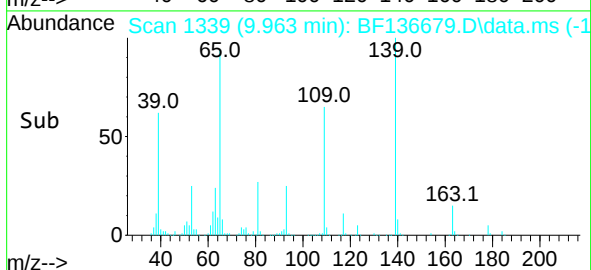
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#56
4-Nitrophenol
Concen: 97.730 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:139 Resp: 176925
Ion Ratio Lower Upper
139 100
109 65.0 45.8 85.8
65 94.2 77.8 117.8





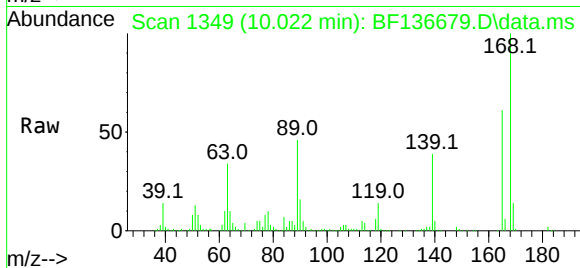
#57
2,4-Dinitrotoluene
Concen: 43.315 ng
RT: 10.022 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

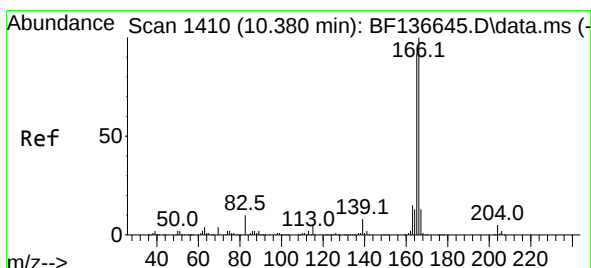
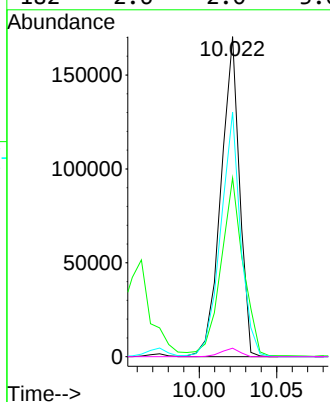
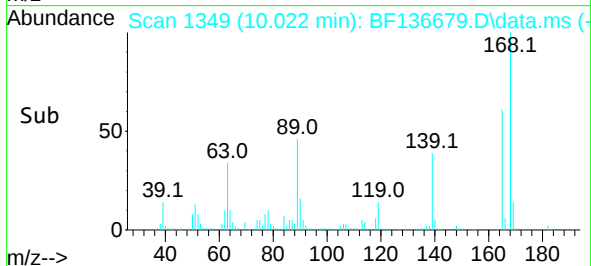


Tgt Ion:165 Resp: 14235
Ion Ratio Lower Upper
165 100
63 55.9 41.0 61.6
89 76.4 59.9 89.9
182 2.6 2.0 3.0

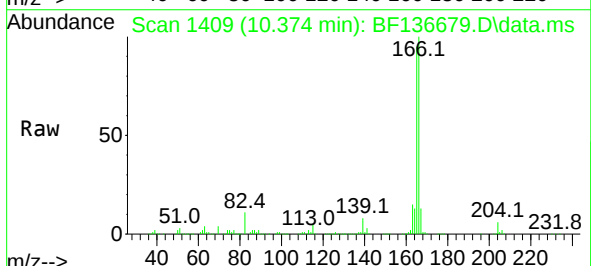
Manual Integrations

APPROVED

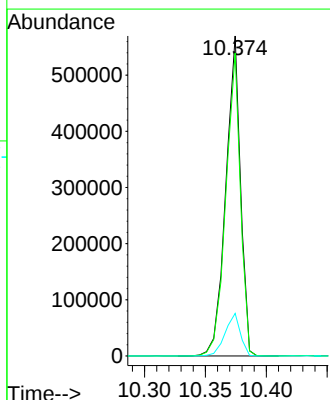
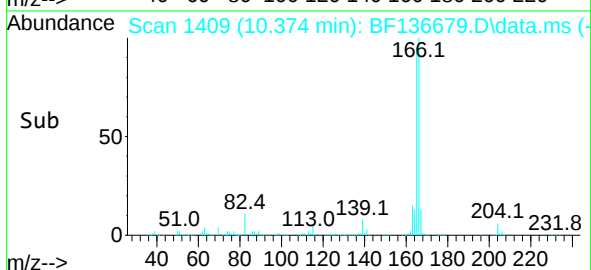
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

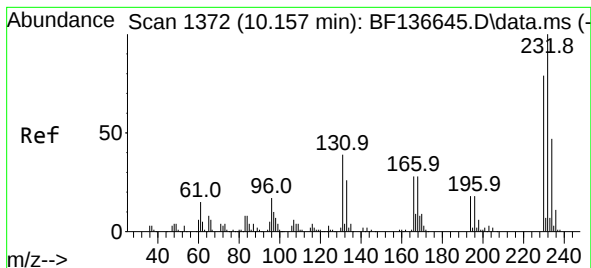


#58
Fluorene
Concen: 43.313 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



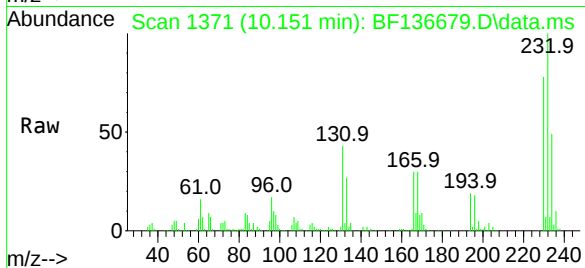
Tgt Ion:166 Resp: 480883
Ion Ratio Lower Upper
166 100
165 94.7 73.7 110.5
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.437 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

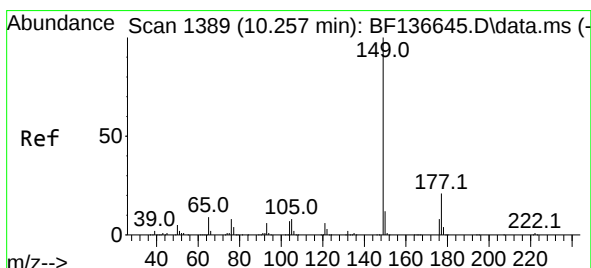
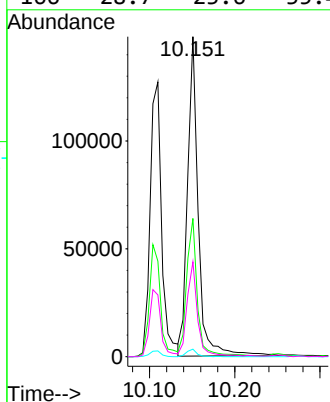
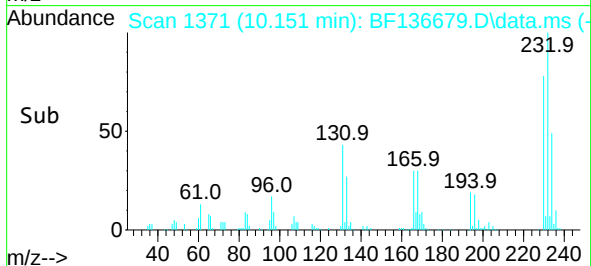
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:232 Resp: 128630
Ion Ratio Lower Upper
232 100
131 42.8 35.1 52.7
130 2.3 1.6 2.4
166 28.7 23.6 35.4

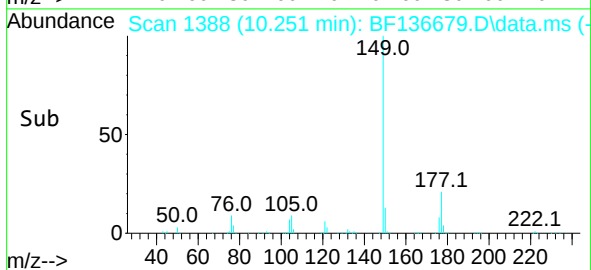
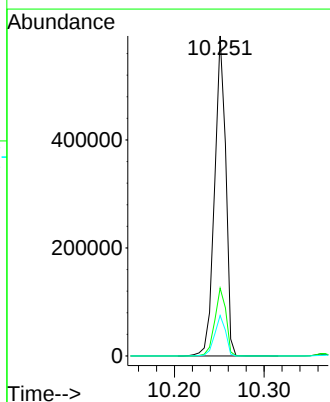
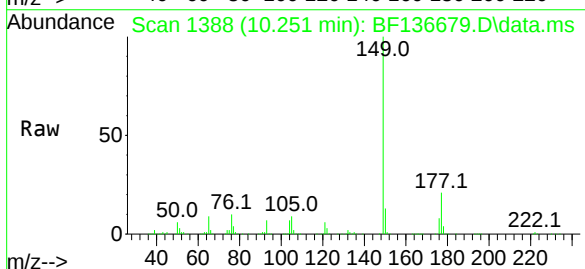
Manual Integrations
APPROVED

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



#60
Diethylphthalate
Concen: 44.138 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

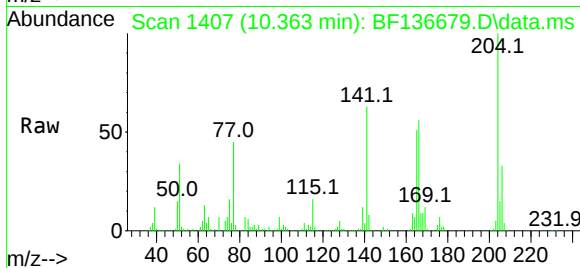
Tgt Ion:149 Resp: 510849
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.6 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 42.986 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

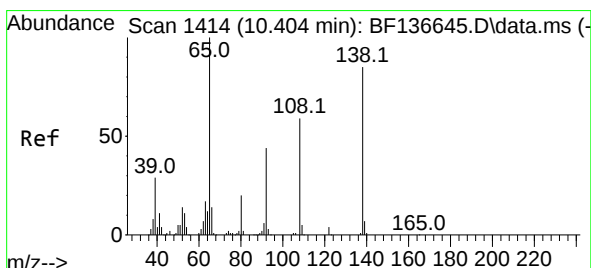
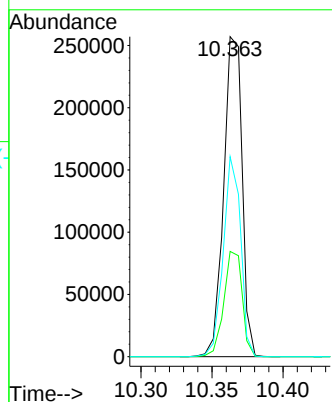
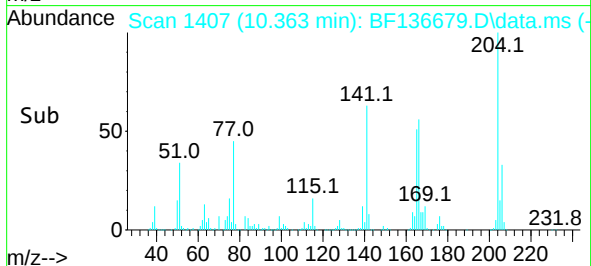
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:204 Resp: 23197
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 62.5 48.4 72.6

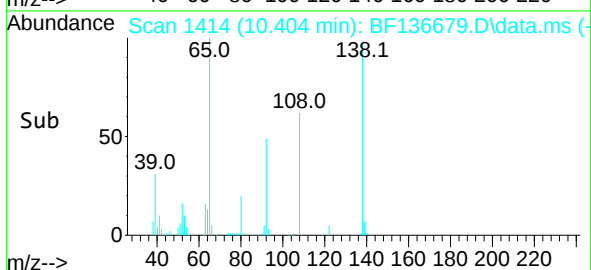
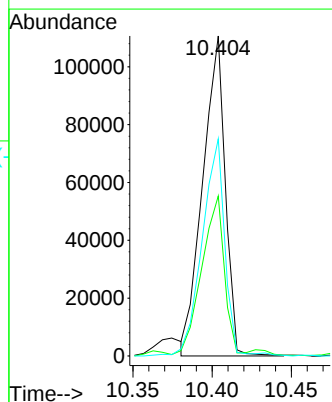
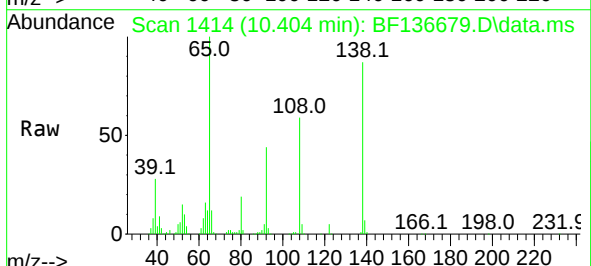
Manual Integrations
APPROVED

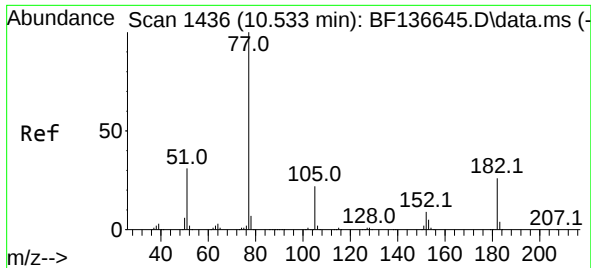
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#62
4-Nitroaniline
Concen: 42.406 ng m
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:138 Resp: 109632
Ion Ratio Lower Upper
138 100
92 50.0 32.1 72.1
108 67.8 50.1 90.1





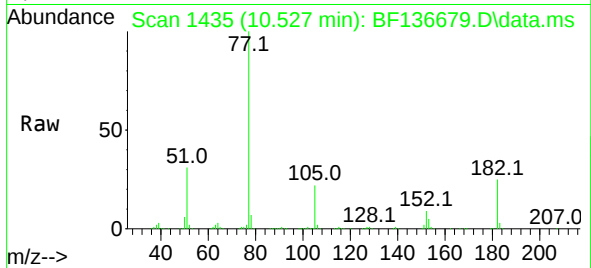
#63
Azobenzene
Concen: 44.677 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS



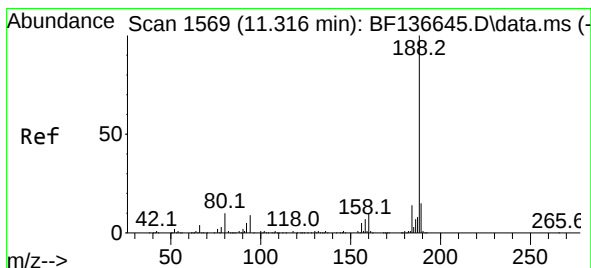
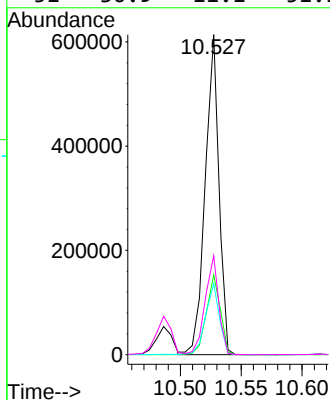
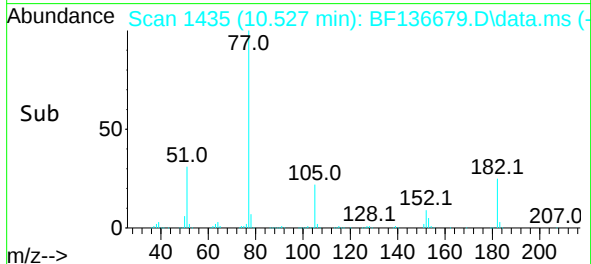
Tgt Ion: 77 Resp: 482962
Ion Ratio Lower Upper
77 100
182 24.9 6.0 46.0
105 22.1 2.3 42.3
51 30.9 11.1 51.1

Manual Integrations

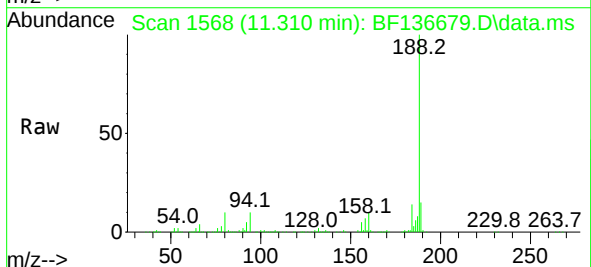
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

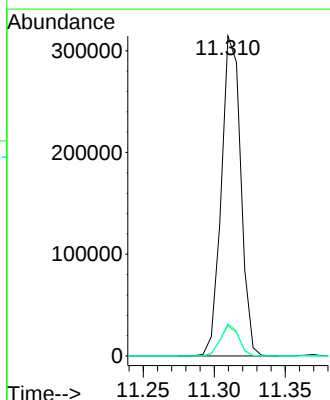
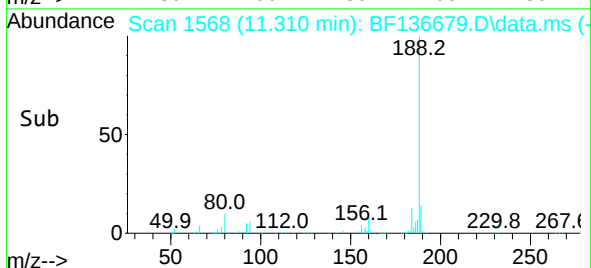
Supervised By :mohammad ahmed 12/25/2023

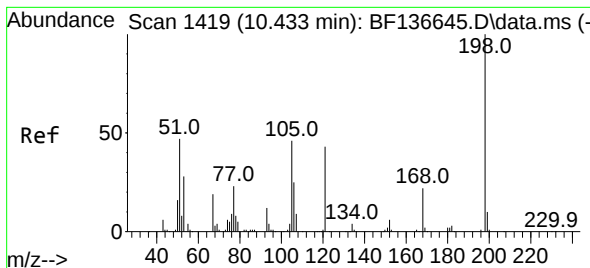


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:188 Resp: 298596
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.1 8.1 12.1





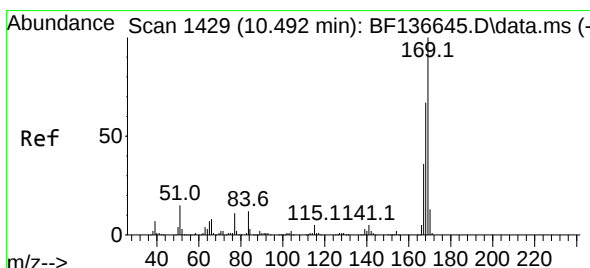
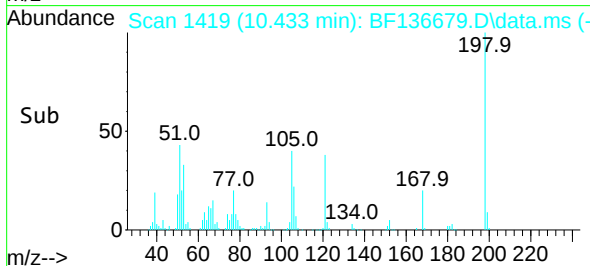
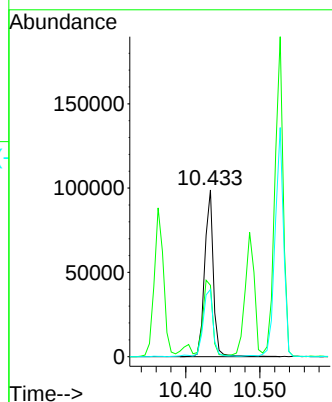
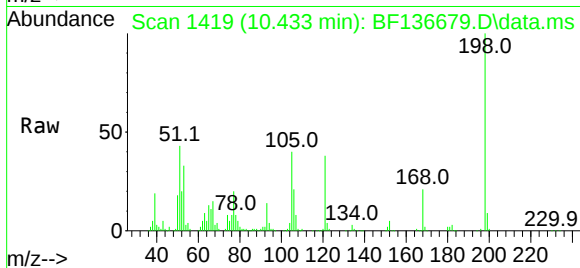
#65
4,6-Dinitro-2-methylphenol
Concen: 47.022 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion:198 Resp: 80460
Ion Ratio Lower Upper
198 100
51 42.8 34.1 74.1
105 40.3 27.3 67.3

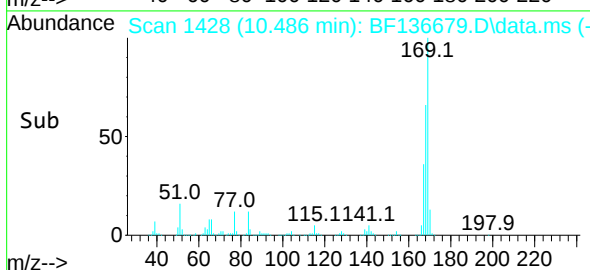
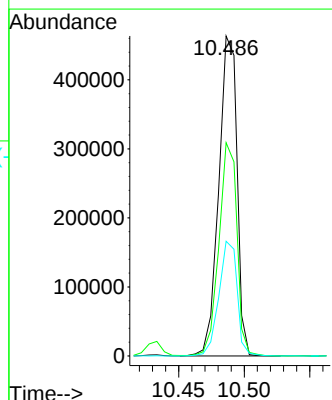
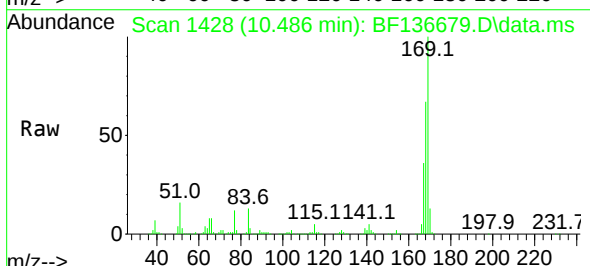
Manual Integrations
APPROVED

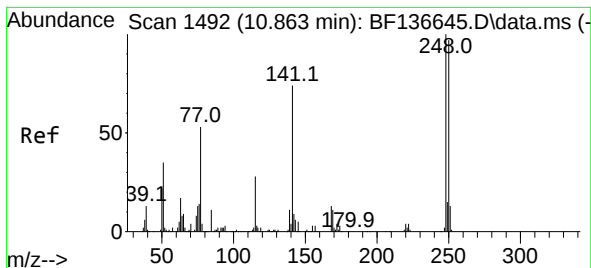
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 46.080 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

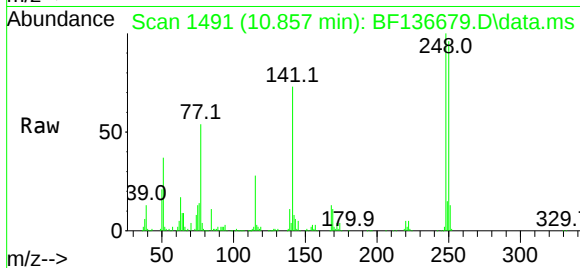
Tgt Ion:169 Resp: 446968
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 43.338 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

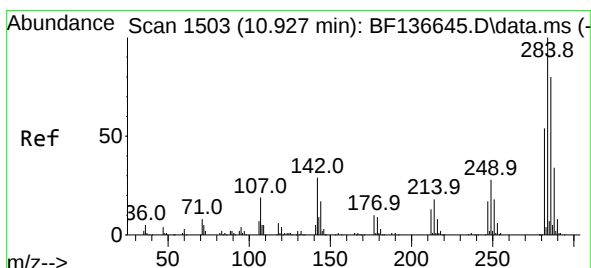
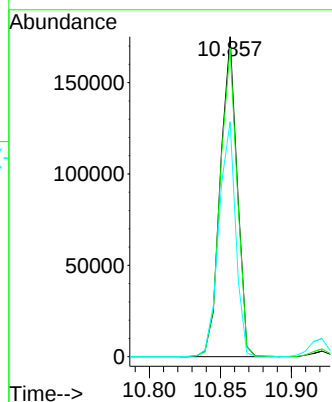
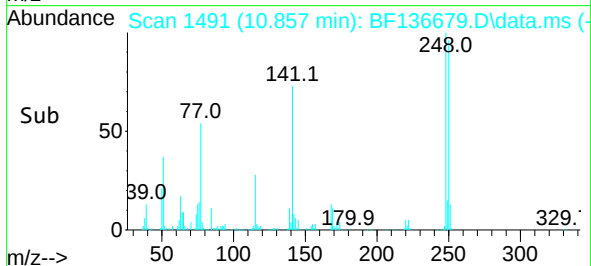
Instrument :
BNA_F
ClientSampleId :
PB157641BS



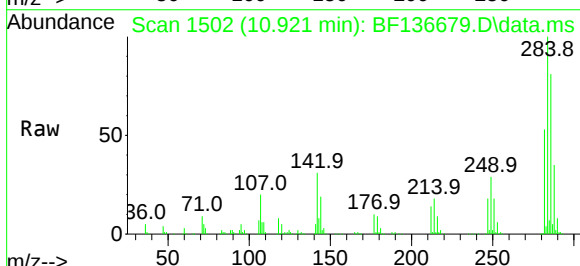
Tgt Ion:248 Resp: 143715
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 73.5 59.2 88.8

Manual Integrations
APPROVED

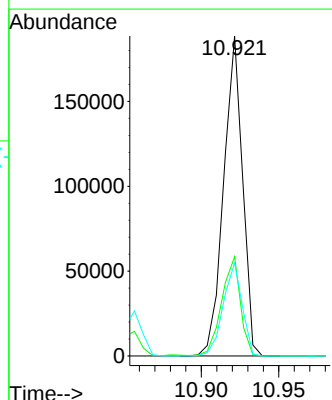
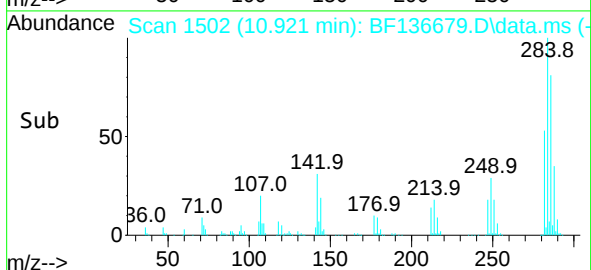
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#68
Hexachlorobenzene
Concen: 43.207 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:284 Resp: 159672
Ion Ratio Lower Upper
284 100
142 31.0 23.4 35.0
249 29.1 22.3 33.5





#69

Atrazine

Concen: 56.015 ng

RT: 11.021 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:200 Resp: 13896

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

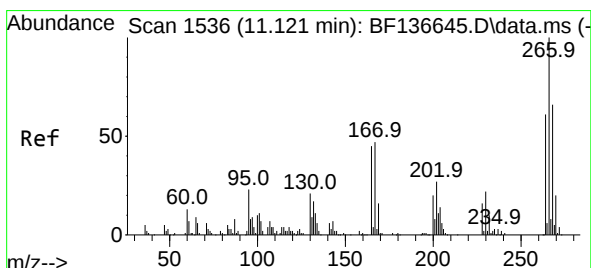
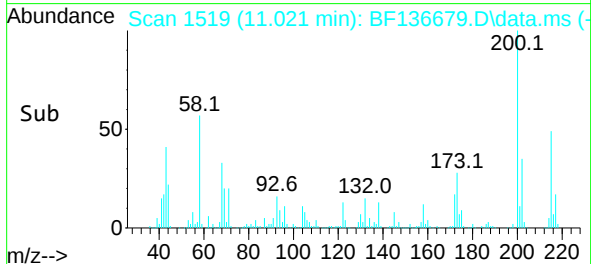
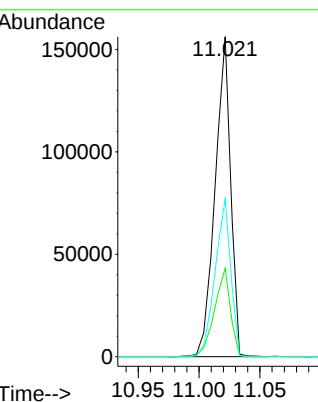
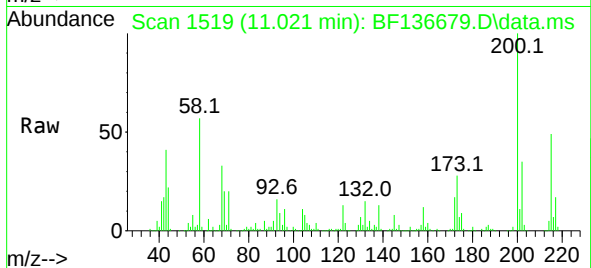
215 49.3 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#70

Pentachlorophenol

Concen: 88.139 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

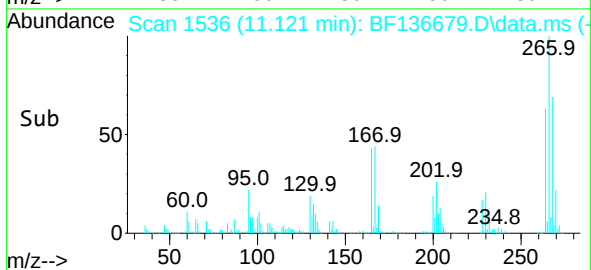
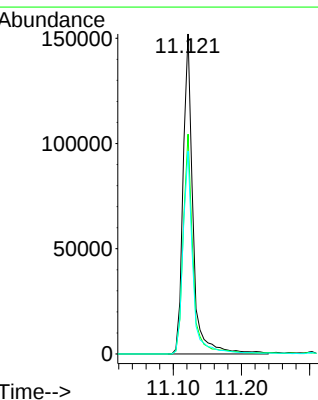
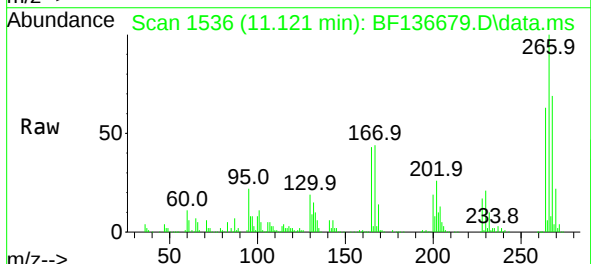
Tgt Ion:266 Resp: 151823

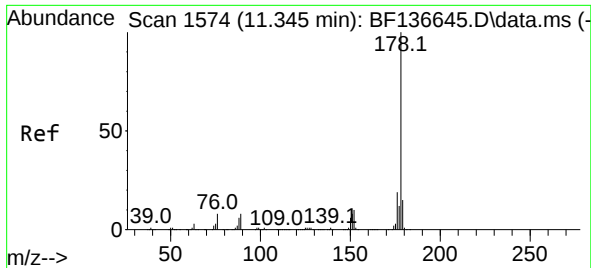
Ion Ratio Lower Upper

266 100

268 68.7 52.6 78.8

264 63.4 49.0 73.4





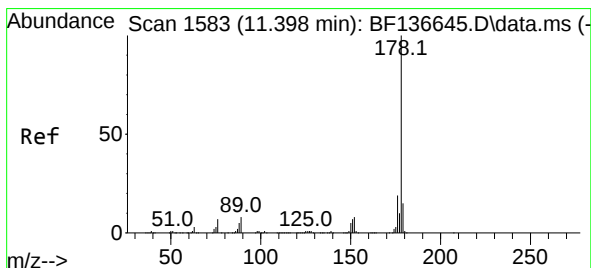
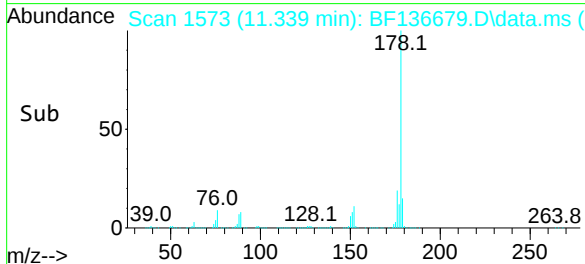
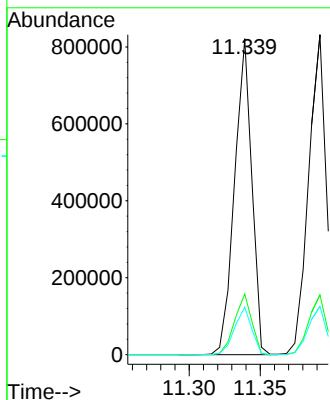
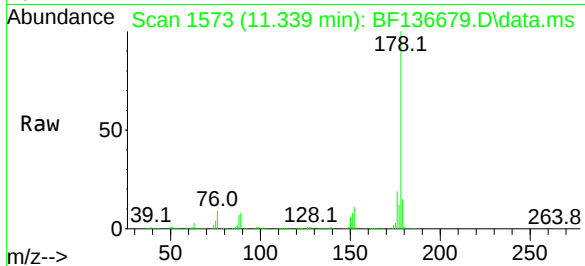
#71
Phenanthrene
Concen: 45.229 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :
BNA_F
ClientSampleId :
PB157641BS

Tgt Ion:178 Resp: 692964
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.1 11.9 17.9

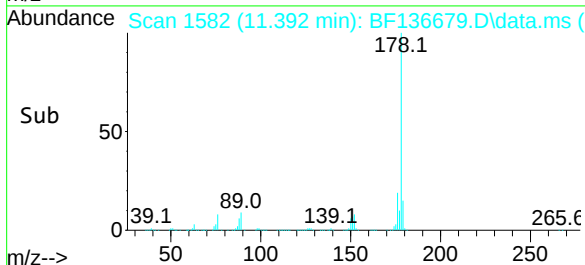
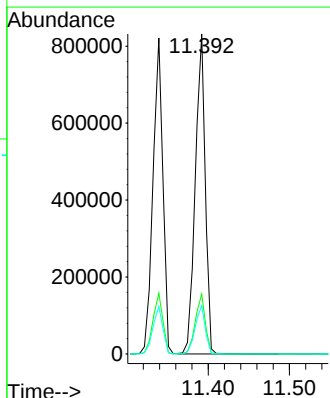
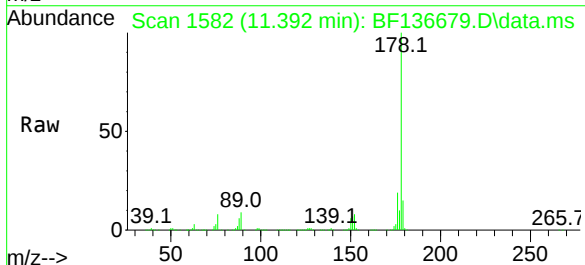
Manual Integrations
APPROVED

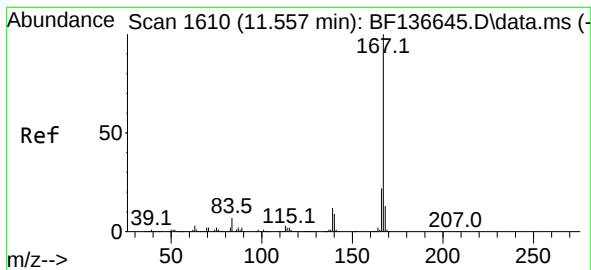
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#72
Anthracene
Concen: 46.076 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:178 Resp: 714928
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.1 11.8 17.6





#73

Carbazole

Concen: 45.048 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

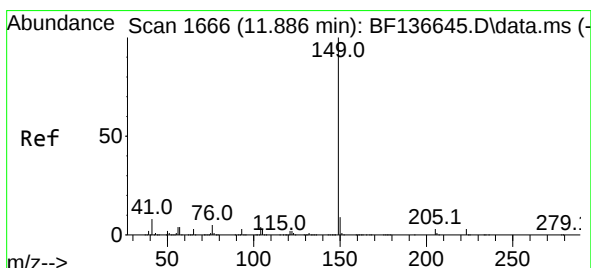
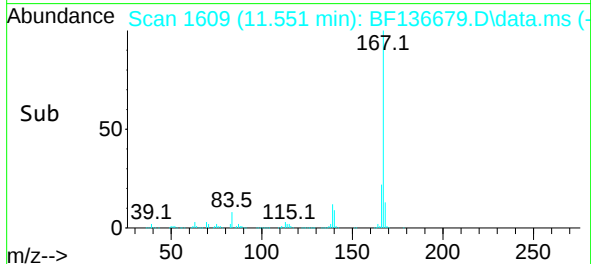
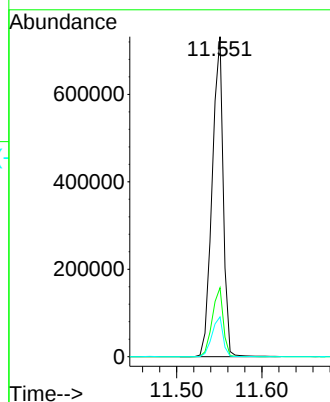
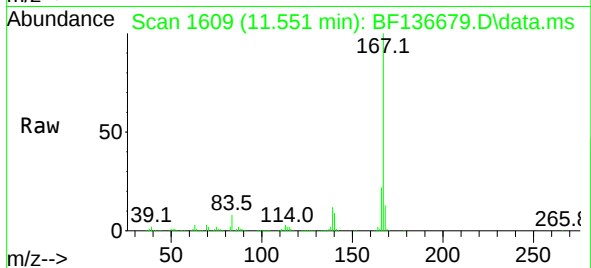
Tgt Ion:167	Resp: 65900
Ion Ratio	Lower Upper
167	100
166	21.6 17.3 25.9
139	12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#74

Di-n-butylphthalate

Concen: 45.550 ng

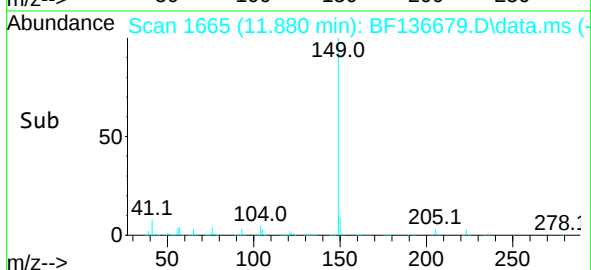
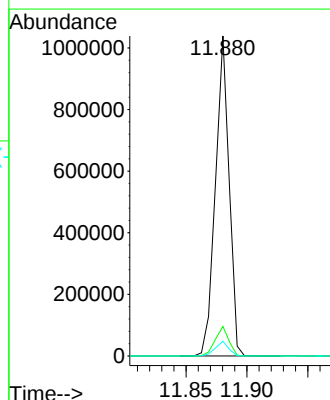
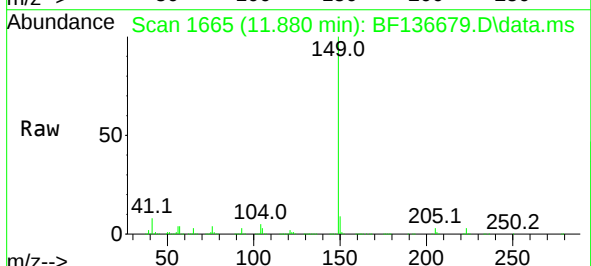
RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

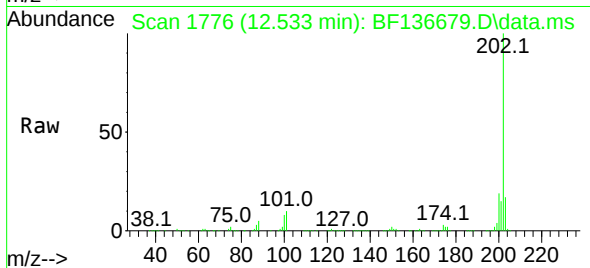
Tgt Ion:149	Resp: 813106
Ion Ratio	Lower Upper
149	100
150	9.2 7.4 11.2
104	4.6 3.6 5.4





#75
Fluoranthene
Concen: 43.665 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

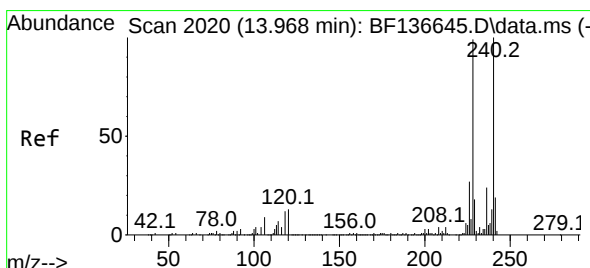
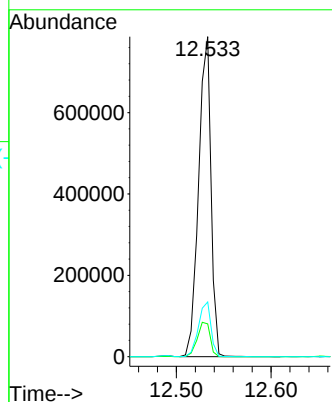
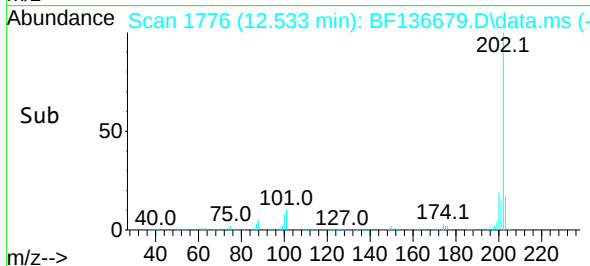
Instrument :
BNA_F
ClientSampleId :
PB157641BS



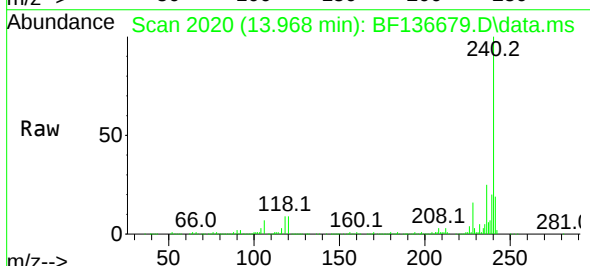
Tgt Ion:202 Resp: 715602
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 17.1 0.0 37.1

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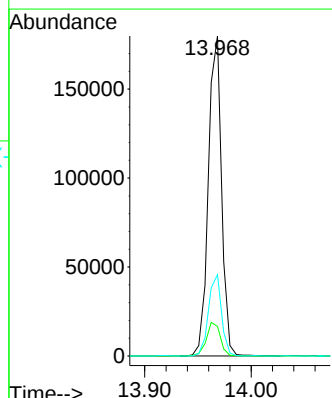
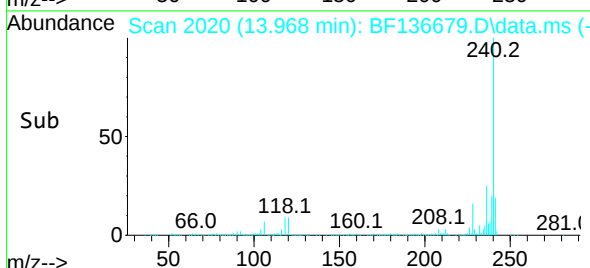
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

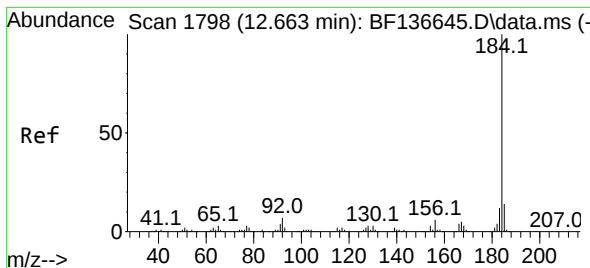


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:240 Resp: 155752
Ion Ratio Lower Upper
240 100
120 9.3 10.3 15.5#
236 25.4 19.4 29.2





#77

Benzidine

Concen: 32.305 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:184 Resp: 14836

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

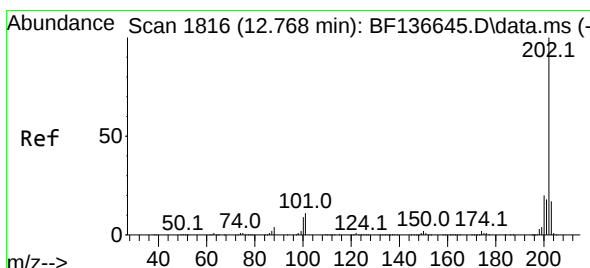
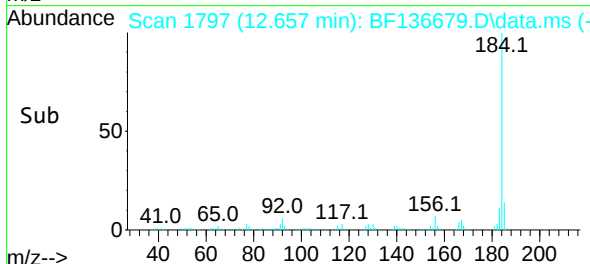
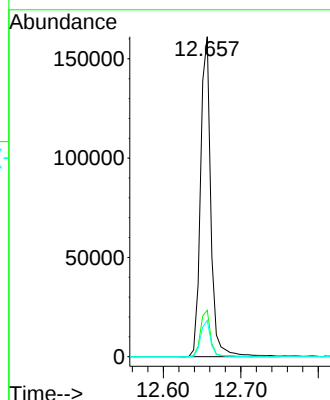
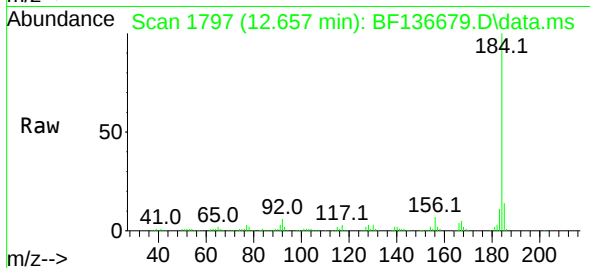
183 11.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#78

Pyrene

Concen: 47.371 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

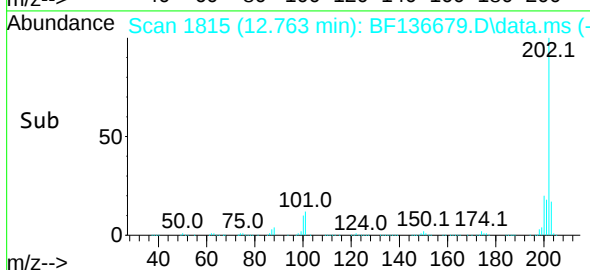
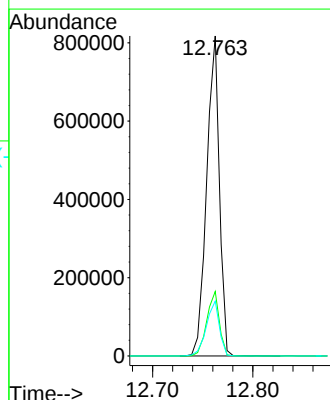
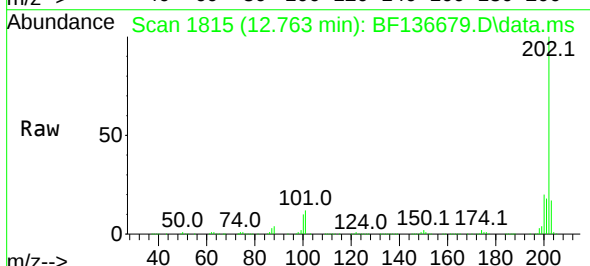
Tgt Ion:202 Resp: 724286

Ion Ratio Lower Upper

202 100

200 20.2 15.9 23.9

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 89.829 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136679.D

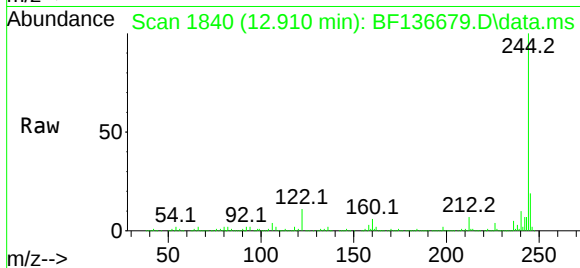
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS



Tgt Ion:244 Resp: 1001169

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

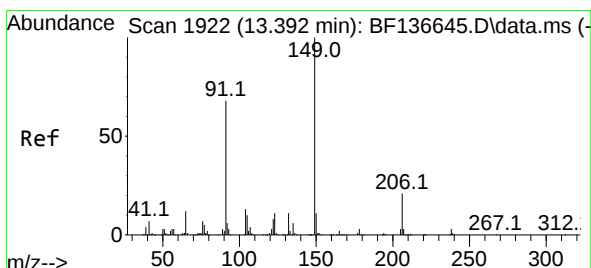
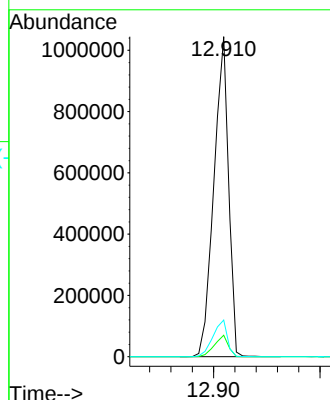
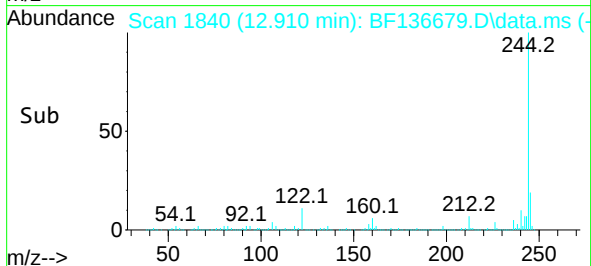
122 11.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#80

Butylbenzylphthalate

Concen: 49.407 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

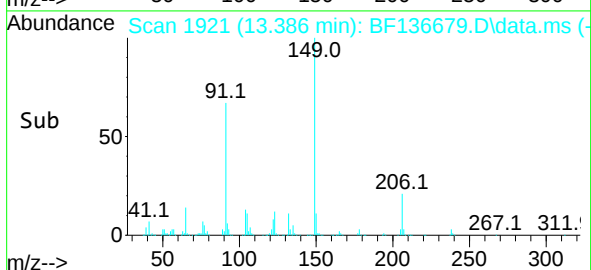
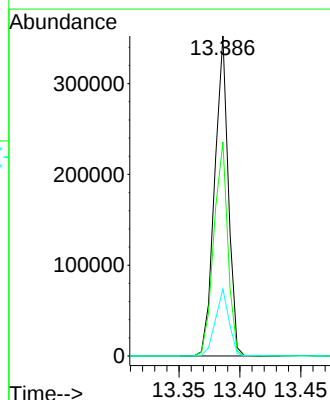
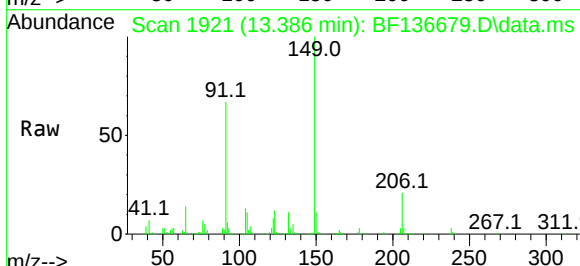
Tgt Ion:149 Resp: 274873

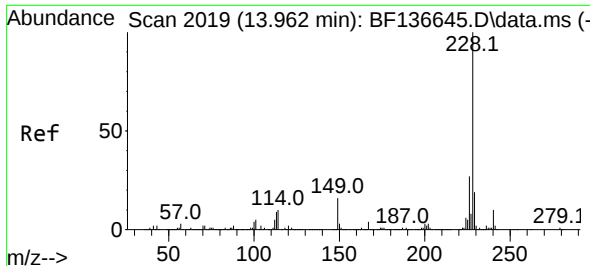
Ion Ratio Lower Upper

149 100

91 66.9 54.1 81.1

206 21.0 17.1 25.7





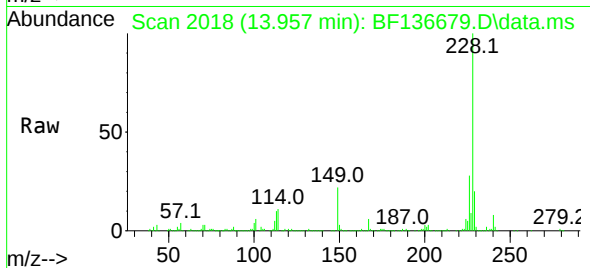
#81
Benzo(a)anthracene
Concen: 45.103 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

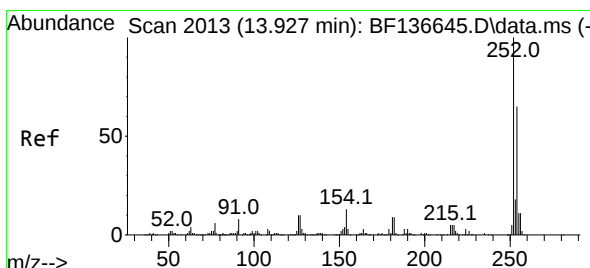
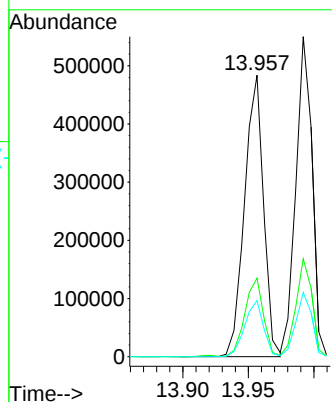
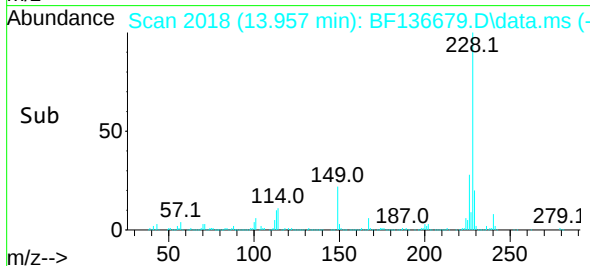


Tgt Ion:228 Resp: 487802
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 19.9 14.9 22.3

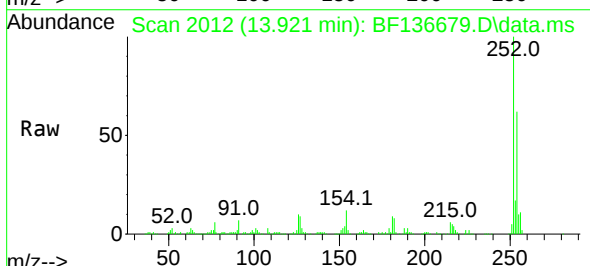
Manual Integrations

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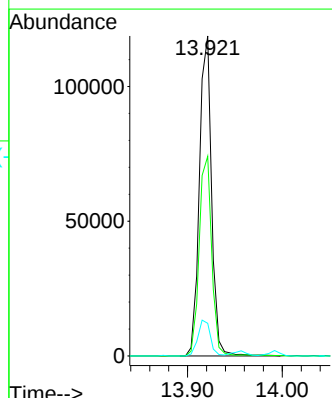
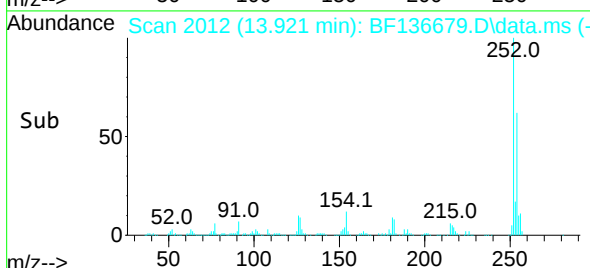
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

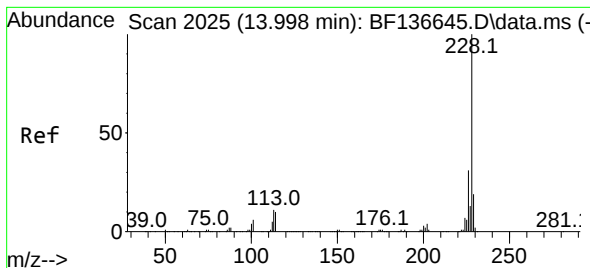


#82
3,3'-Dichlorobenzidine
Concen: 34.582 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06



Tgt Ion:252 Resp: 106217
Ion Ratio Lower Upper
252 100
254 62.4 52.2 78.4
126 10.2 8.0 12.0





#83

Chrysene

Concen: 44.920 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:228 Resp: 47508

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

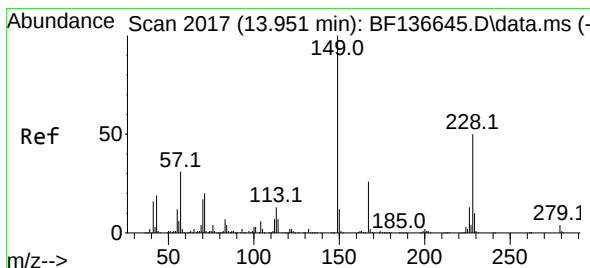
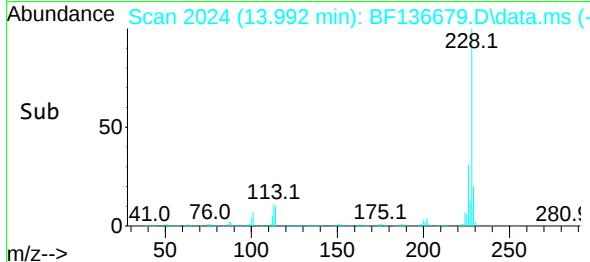
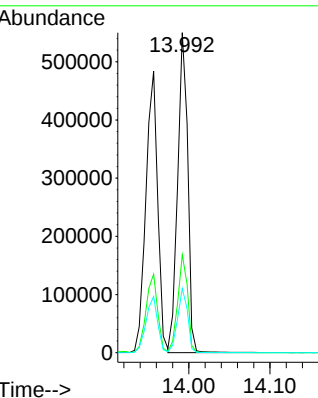
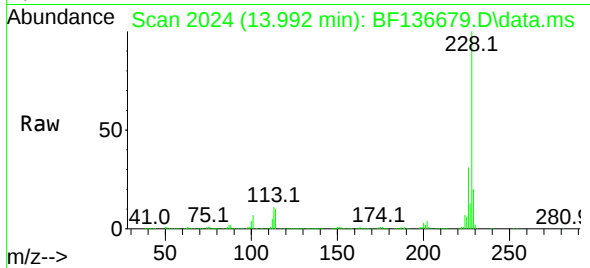
229 20.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.458 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

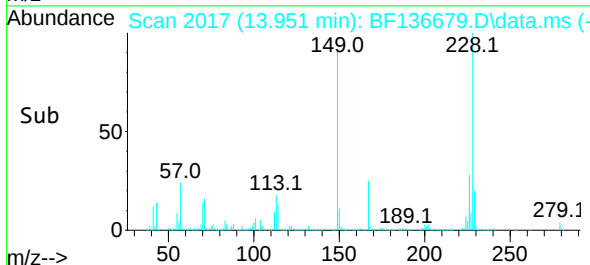
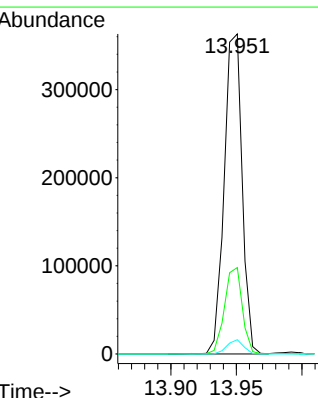
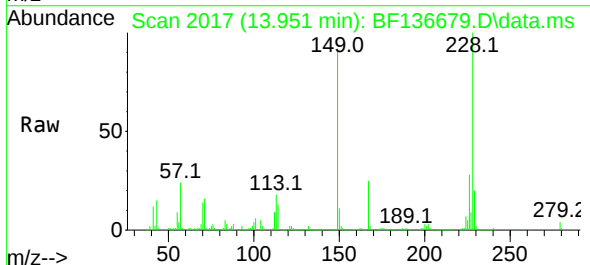
Tgt Ion:149 Resp: 346198

Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

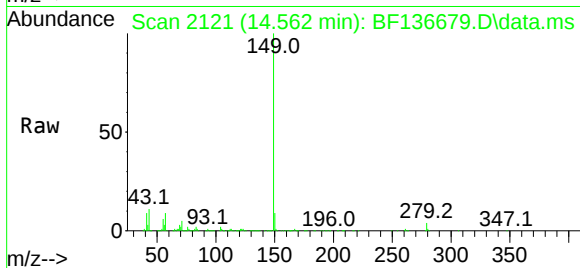
279 4.4 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 48.809 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

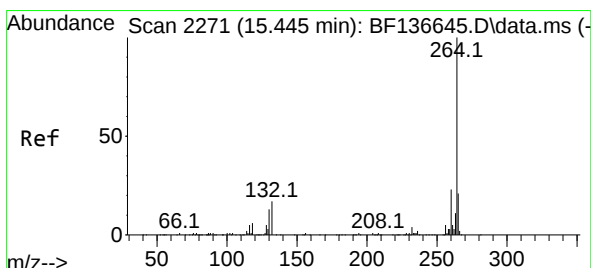
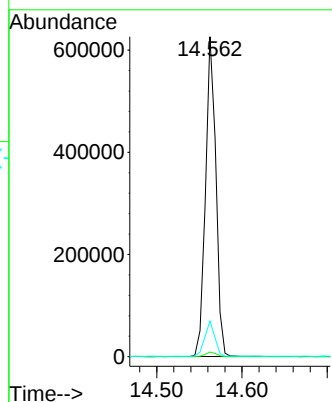
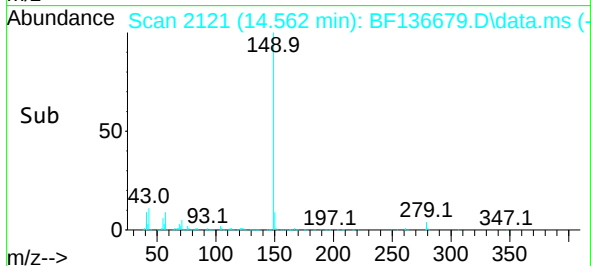
Instrument :
BNA_F
ClientSampleId :
PB157641BS



Tgt Ion:149 Resp: 52849
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 8.9 13.3

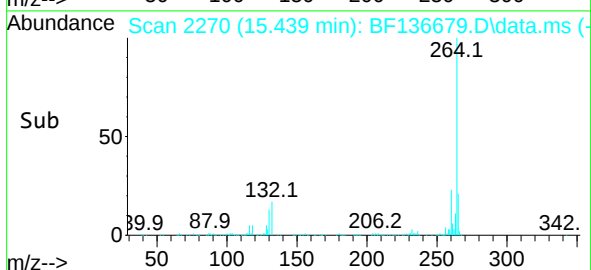
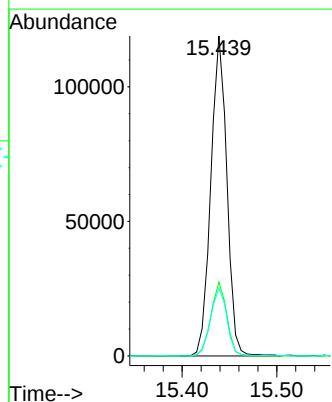
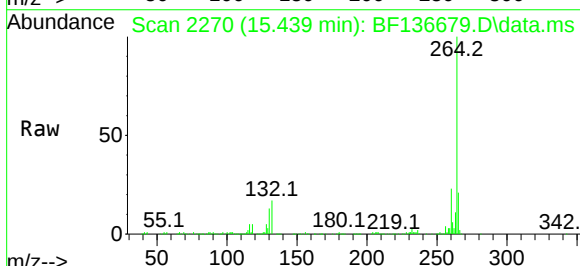
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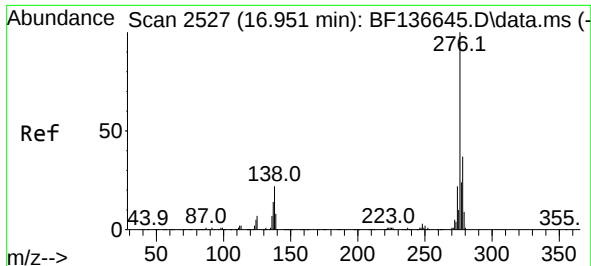
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:264 Resp: 139421
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.1 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.673 ng
RT: 16.945 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

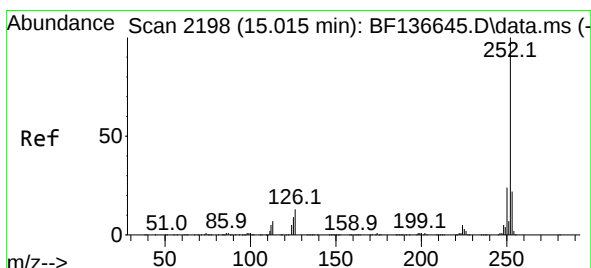
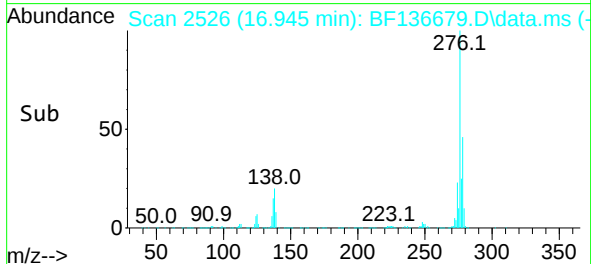
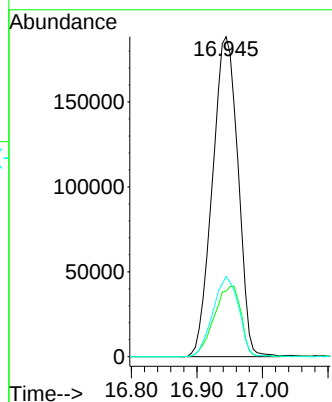
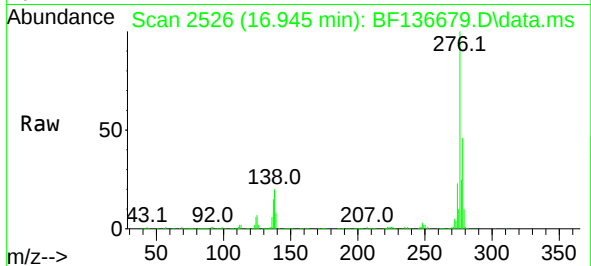
ClientSampleId :

PB157641BS

Tgt Ion:276 Resp: 51009
Ion Ratio Lower Upper
276 100
138 23.2 18.7 28.1
277 25.4 20.2 30.2

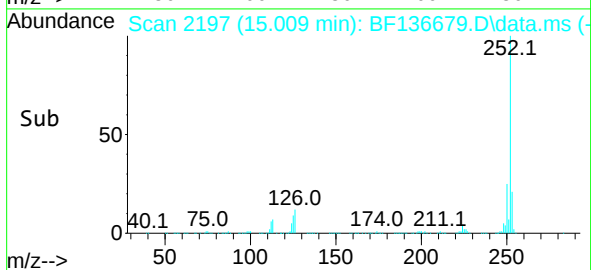
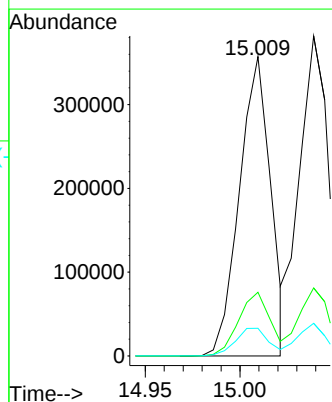
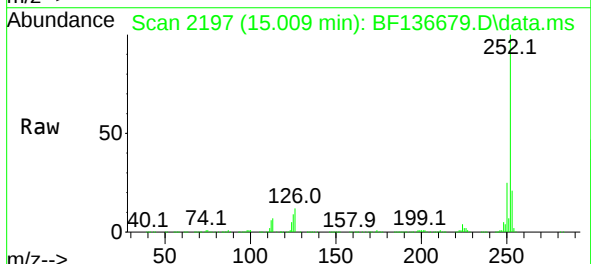
Manual Integrations
APPROVED

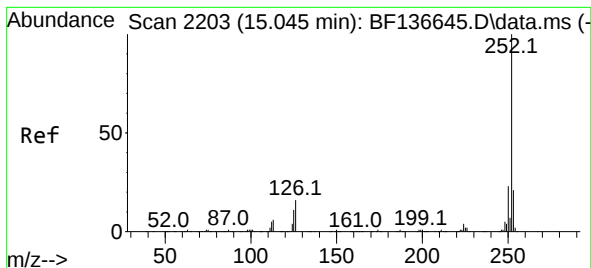
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#88
Benzo(b)fluoranthene
Concen: 43.993 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:252 Resp: 409661
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.083 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

Tgt Ion:252 Resp: 40548

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

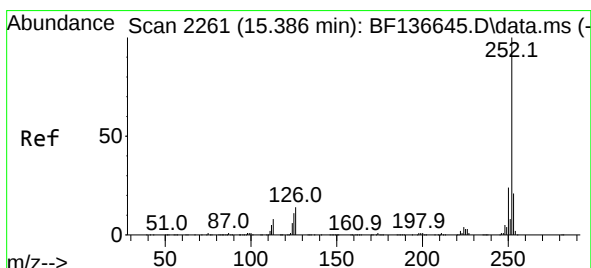
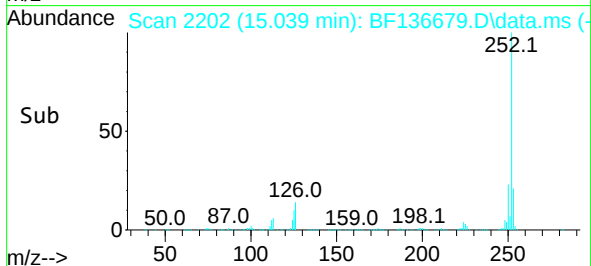
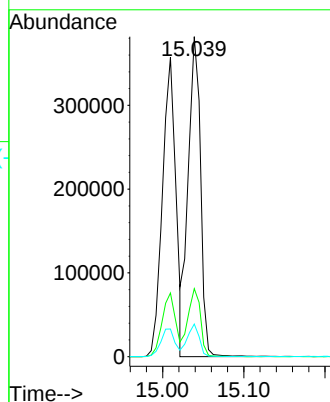
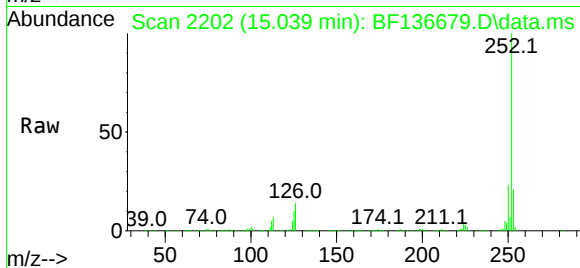
125 10.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#90

Benzo(a)pyrene

Concen: 45.397 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136679.D

Acq: 22 Dec 2023 11:06

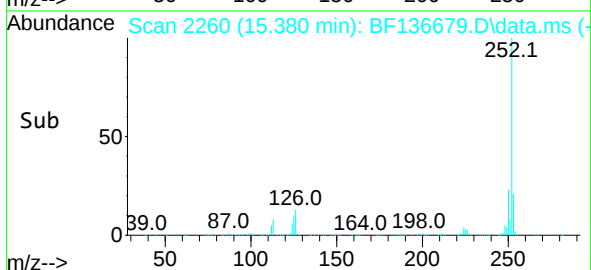
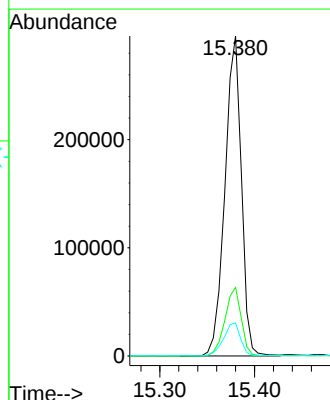
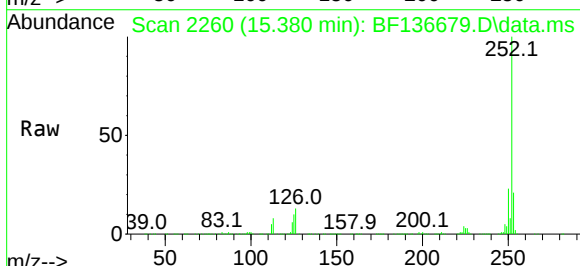
Tgt Ion:252 Resp: 356836

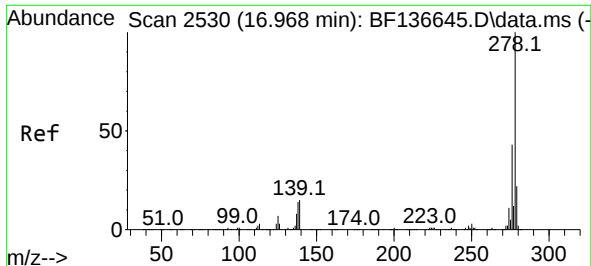
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 10.3 8.8 13.2





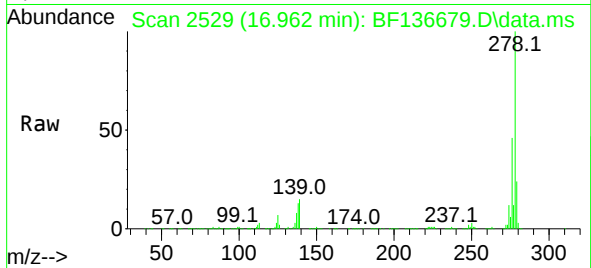
#91
Dibenzo(a,h)anthracene
Concen: 51.009 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Instrument :

BNA_F

ClientSampleId :

PB157641BS

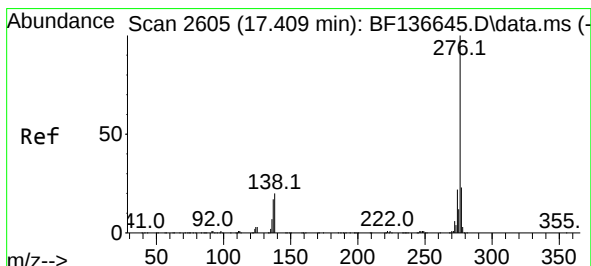
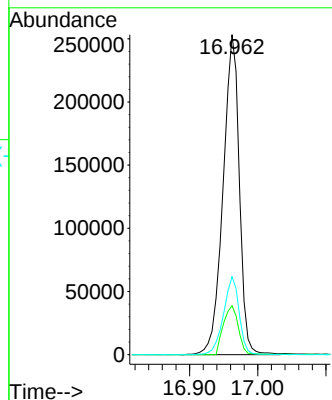
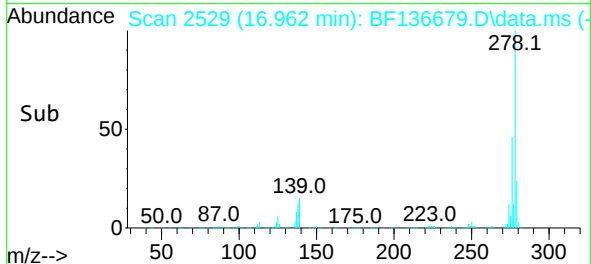


Tgt Ion:278 Resp: 421250
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 24.4 17.8 26.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.491 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136679.D
Acq: 22 Dec 2023 11:06

Tgt Ion:276 Resp: 427076
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 19.1 15.6 23.4

