

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140657.D
 Acq On : 27 Nov 2024 09:38
 Operator : RC/JU
 Sample : PB165255BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165255BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 10:17:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73505	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	278290	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	153565	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	293390	20.000	ng	0.00
76) Chrysene-d12	14.051	240	186758	20.000	ng	0.00
86) Perylene-d12	15.545	264	149691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	589780	136.901	ng	0.01
7) Phenol-d6	6.510	99	755475	132.647	ng	0.00
23) Nitrobenzene-d5	7.434	82	492890	90.594	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	233419	142.122	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	966279	93.752	ng	0.00
79) Terphenyl-d14	12.986	244	1101258	91.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	78089	43.112	ng	98
3) Pyridine	3.493	79	193352	48.516	ng	98
4) n-Nitrosodimethylamine	3.446	42	110207	47.051	ng	96
6) Aniline	6.534	93	201944	50.376	ng	89
8) 2-Chlorophenol	6.663	128	236213	50.965	ng	95
9) Benzaldehyde	6.422	77	97352	32.289	ng	99
10) Phenol	6.528	94	292023	50.207	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	215572	48.433	ng	100
12) 1,3-Dichlorobenzene	6.810	146	246093	47.254	ng	99
13) 1,4-Dichlorobenzene	6.887	146	248943	47.209	ng	100
14) 1,2-Dichlorobenzene	7.039	146	237624	48.090	ng	100
15) Benzyl Alcohol	7.016	79	217838	51.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	261926	49.813	ng	92
17) 2-Methylphenol	7.128	107	182209	49.111	ng	98
18) Hexachloroethane	7.381	117	92030	46.728	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	162267	48.208	ng	98
20) 3+4-Methylphenols	7.281	107	240459	50.423	ng	97
22) Acetophenone	7.281	105	322727	47.568	ng	98
24) Nitrobenzene	7.451	77	258179	45.914	ng	99
25) Isophorone	7.692	82	439665	48.450	ng	99
26) 2-Nitrophenol	7.769	139	122449	49.139	ng	99
27) 2,4-Dimethylphenol	7.804	122	184872	62.006	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	266685	48.240	ng	99
29) 2,4-Dichlorophenol	8.016	162	197022	49.870	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	206841	45.855	ng	99
31) Naphthalene	8.175	128	679689	47.417	ng	99
32) Benzoic acid	7.939	122	103371	41.064	ng	98
33) 4-Chloroaniline	8.228	127	133541	31.115	ng	98
34) Hexachlorobutadiene	8.286	225	141168	47.249	ng	98
35) Caprolactam	8.598	113	60726m	49.669	ng	
36) 4-Chloro-3-methylphenol	8.716	107	220443	49.837	ng	98
37) 2-Methylnaphthalene	8.863	142	447264	49.125	ng	99
38) 1-Methylnaphthalene	8.963	142	418295	46.871	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	219311	48.783	ng	99
41) Hexachlorocyclopentadiene	9.016	237	180995	170.078	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	136948	48.547	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140657.D
 Acq On : 27 Nov 2024 09:38
 Operator : RC/JU
 Sample : PB165255BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165255BS

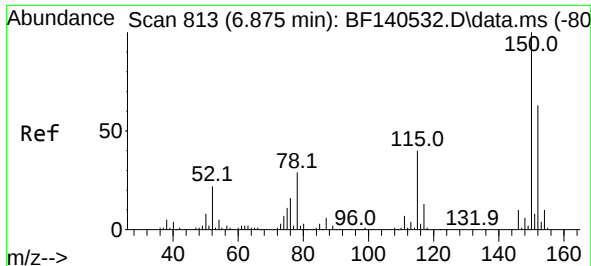
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 10:17:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

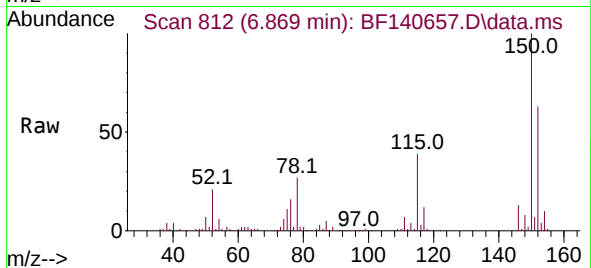
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	147410	48.149	ng	97
46) 1,1'-Biphenyl	9.328	154	560985	48.929	ng	100
47) 2-Chloronaphthalene	9.357	162	415546	47.833	ng	99
48) 2-Nitroaniline	9.457	65	137203	49.203	ng	95
49) Acenaphthylene	9.769	152	690848	52.631	ng	99
50) Dimethylphthalate	9.628	163	508214	50.250	ng	100
51) 2,6-Dinitrotoluene	9.698	165	110621	48.227	ng	92
52) Acenaphthene	9.945	154	423998	50.837	ng	99
53) 3-Nitroaniline	9.869	138	69818	31.122	ng	97
54) 2,4-Dinitrophenol	9.980	184	105597	88.022	ng	98
55) Dibenzofuran	10.116	168	631103	49.609	ng	99
56) 4-Nitrophenol	10.045	139	146293	95.618	ng	97
57) 2,4-Dinitrotoluene	10.104	165	152164	49.915	ng	98
58) Fluorene	10.457	166	510825	50.025	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	125111	53.173	ng	96
60) Diethylphthalate	10.327	149	511108	49.739	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	250681	50.024	ng	99
62) 4-Nitroaniline	10.486	138	117271	49.841	ng	97
63) Azobenzene	10.610	77	487721	50.120	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	82527	55.046	ng	98
66) n-Nitrosodiphenylamine	10.569	169	439064	50.605	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	150873	49.934	ng	96
68) Hexachlorobenzene	11.010	284	173319	49.540	ng	99
69) Atrazine	11.098	200	146773	60.133	ng	99
70) Pentachlorophenol	11.210	266	148774	96.619	ng	98
71) Phenanthrene	11.427	178	726866	51.540	ng	99
72) Anthracene	11.474	178	744059	53.935	ng	99
73) Carbazole	11.633	167	685891	51.682	ng	100
74) Di-n-butylphthalate	11.951	149	771697	50.367	ng	100
75) Fluoranthene	12.616	202	811599	53.003	ng	100
77) Benzidine	12.739	184	205651	37.874	ng	99
78) Pyrene	12.845	202	833923	48.293	ng	99
80) Butylbenzylphthalate	13.457	149	311115	50.013	ng	99
81) Benzo(a)anthracene	14.039	228	631061	51.046	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	105639	28.461	ng	98
83) Chrysene	14.080	228	591424	52.319	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	405104	51.574	ng	100
85) Di-n-octyl phthalate	14.639	149	584097	54.412	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	492373	50.473	ng	99
88) Benzo(b)fluoranthene	15.110	252	446670	47.506	ng	100
89) Benzo(k)fluoranthene	15.139	252	463602	56.346	ng	99
90) Benzo(a)pyrene	15.486	252	416245	54.448	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	398800	49.918	ng	99
92) Benzo(g,h,i)perylene	17.515	276	372246	45.661	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140657.D
 Acq: 27 Nov 2024 09:38

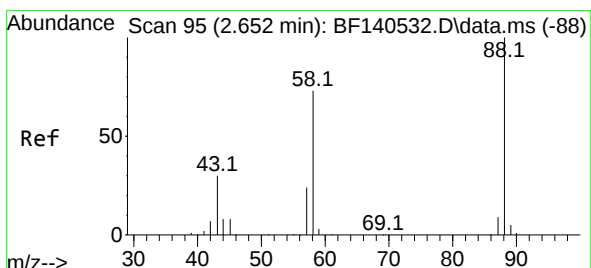
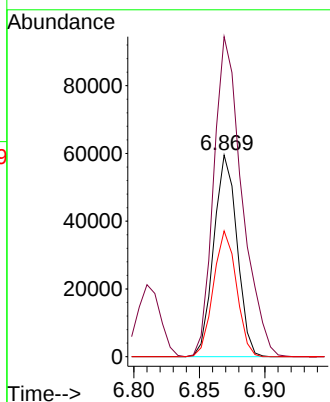
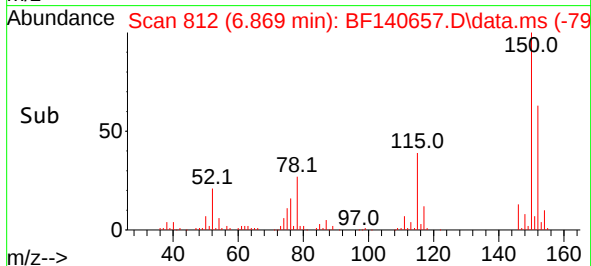
Instrument :
 BNA_F
 ClientSampleId :
 PB165255BS



Tgt Ion:152 Resp: 7350
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.5 192.7
 115 62.4 50.2 75.4

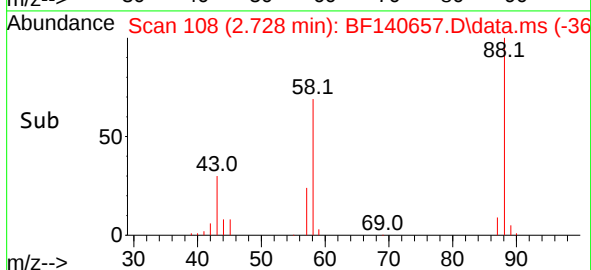
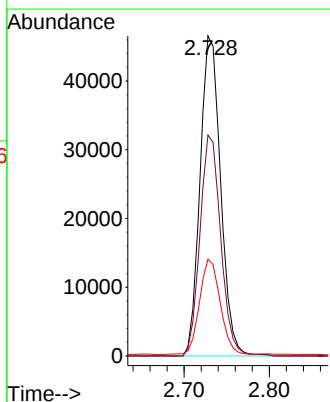
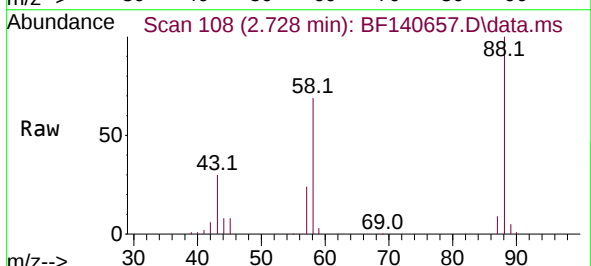
Manual Integrations
 APPROVED

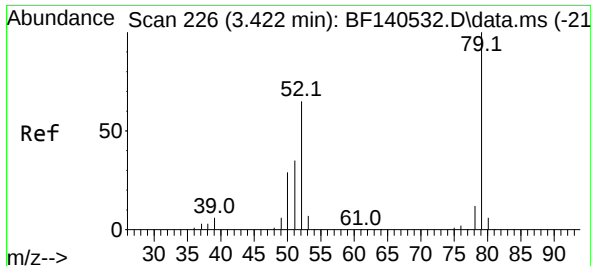
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#2
 1,4-Dioxane
 Concen: 43.112 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.076 min
 Lab File: BF140657.D
 Acq: 27 Nov 2024 09:38

Tgt Ion: 88 Resp: 78089
 Ion Ratio Lower Upper
 88 100
 58 69.9 57.4 86.2
 43 30.0 24.3 36.5





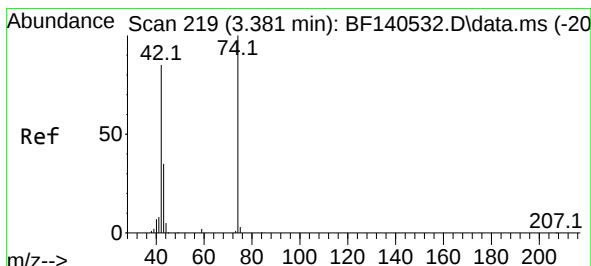
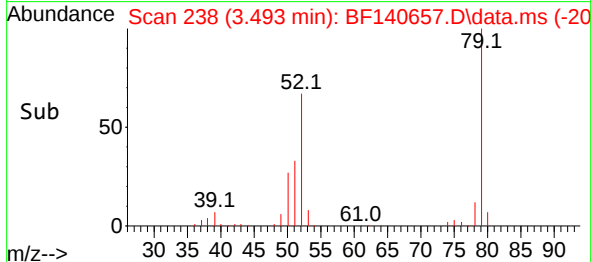
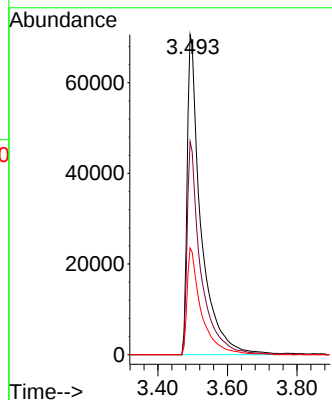
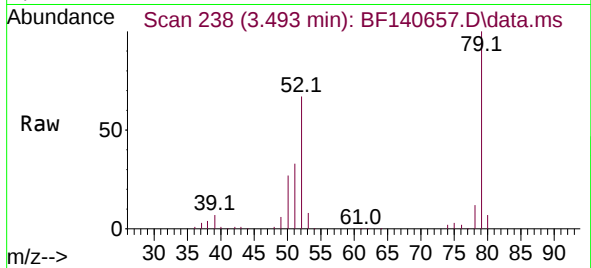
#3
Pyridine
Concen: 48.516 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :
BNA_F
ClientSampleId :
PB165255BS

Tgt Ion: 79 Resp: 19335
Ion Ratio Lower Upper
79 100
52 66.6 52.1 78.1
51 33.4 27.8 41.8

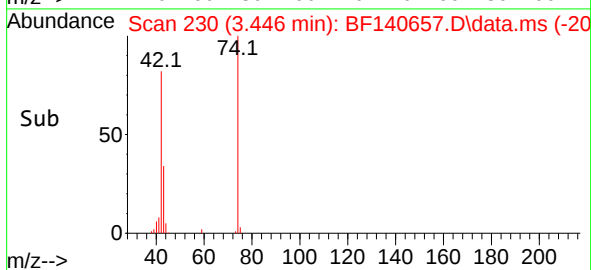
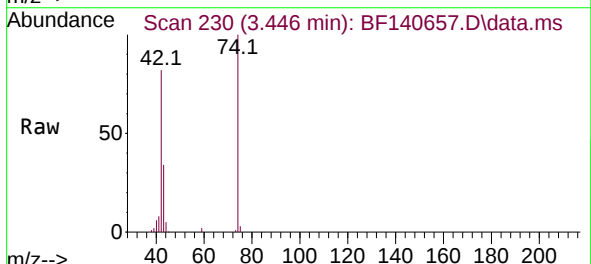
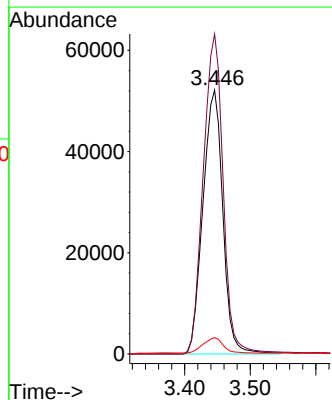
Manual Integrations
APPROVED

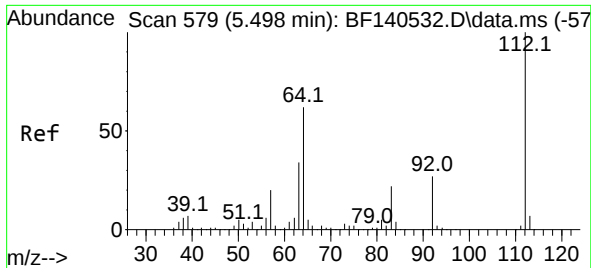
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#4
n-Nitrosodimethylamine
Concen: 47.051 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.065 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion: 42 Resp: 110207
Ion Ratio Lower Upper
42 100
74 121.3 93.8 140.6
44 6.2 4.6 6.8





#5
2-Fluorophenol
Concen: 136.901 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

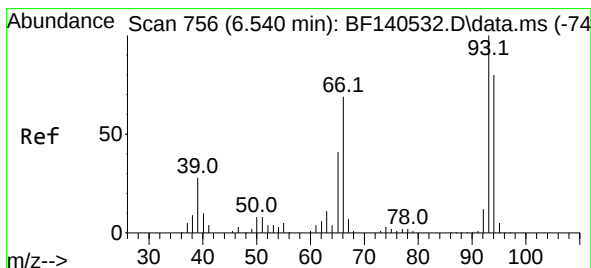
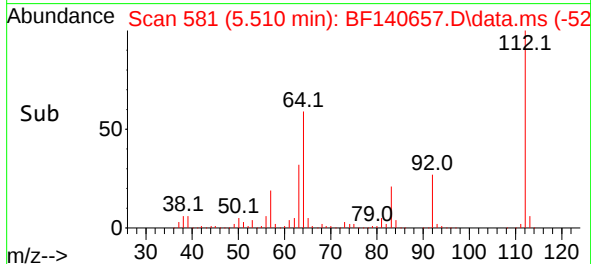
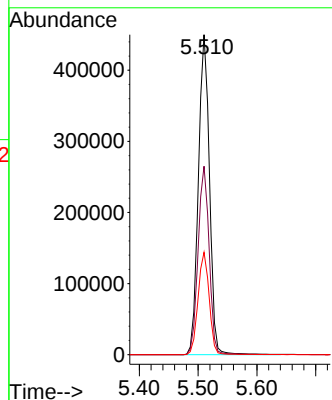
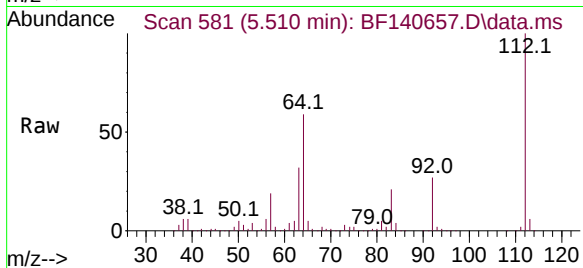
PB165255BS

Tgt Ion:112 Resp: 589780
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 32.0 27.0 40.4

Manual Integrations

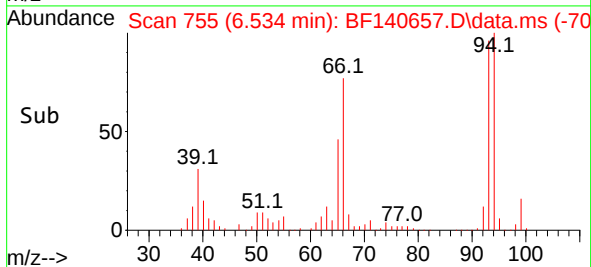
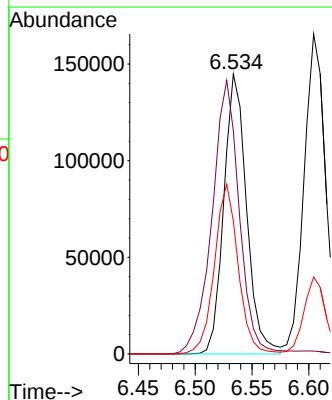
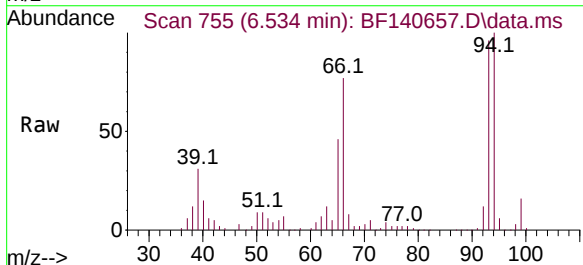
APPROVED

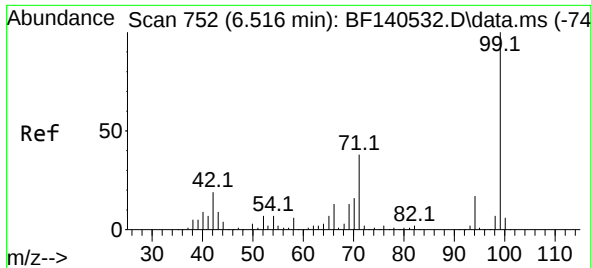
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 50.376 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion: 93 Resp: 201944
Ion Ratio Lower Upper
93 100
66 79.8 56.5 84.7
65 47.5 32.9 49.3





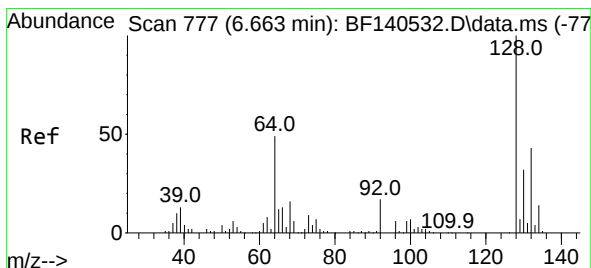
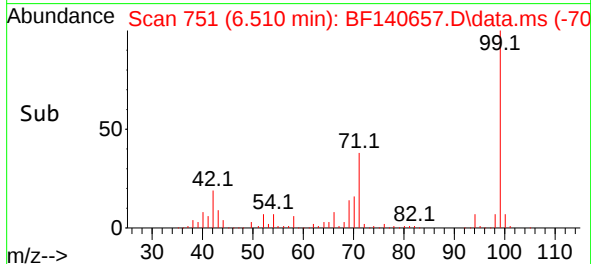
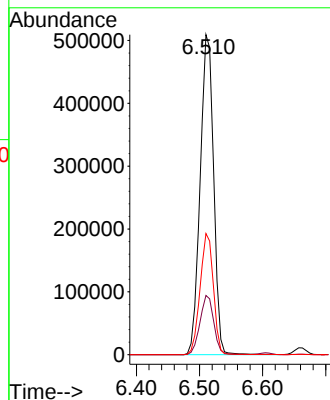
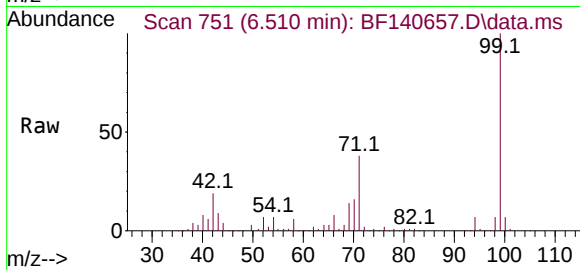
#7
Phenol-d6
Concen: 132.647 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :
BNA_F
ClientSampleId :
PB165255BS

Tgt Ion: 99 Resp: 755475
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.8 30.6 46.0

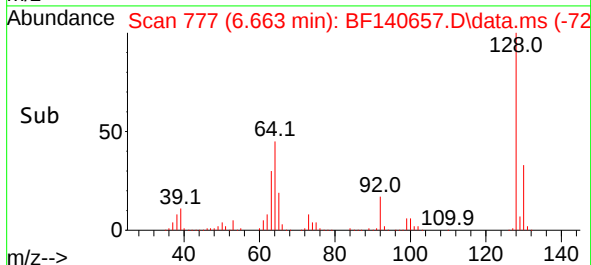
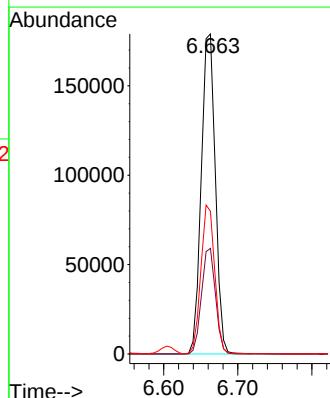
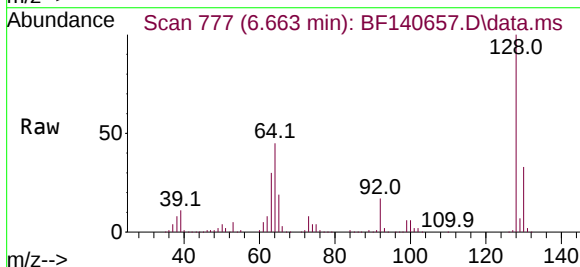
Manual Integrations
APPROVED

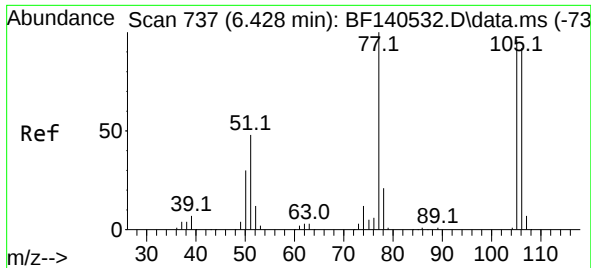
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#8
2-Chlorophenol
Concen: 50.965 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:128 Resp: 236213
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 44.6 30.2 70.2





#9

Benzaldehyde

Concen: 32.289 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

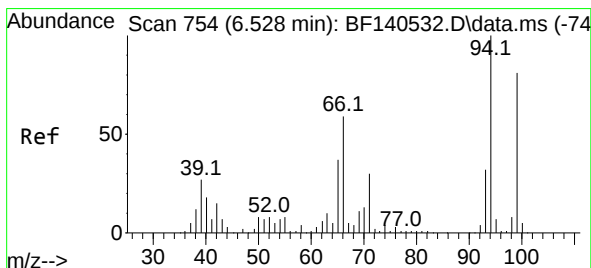
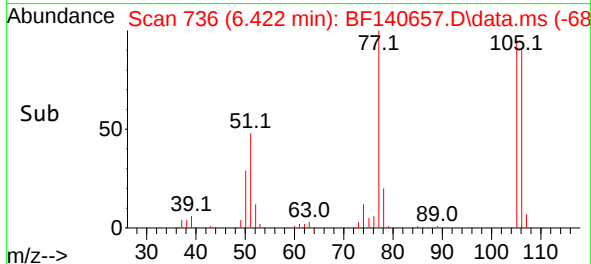
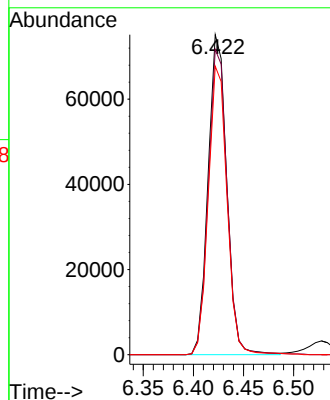
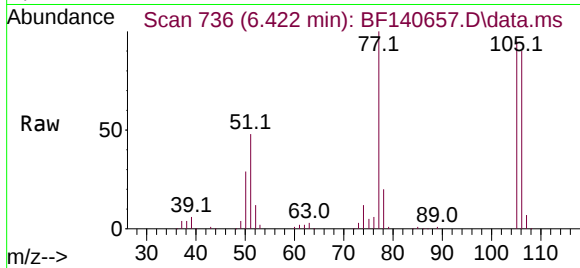
Tgt Ion: 77	Resp: 97352
Ion Ratio	Lower Upper
77 100	
105 95.4	75.6 115.6
106 90.2	72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#10

Phenol

Concen: 50.207 ng

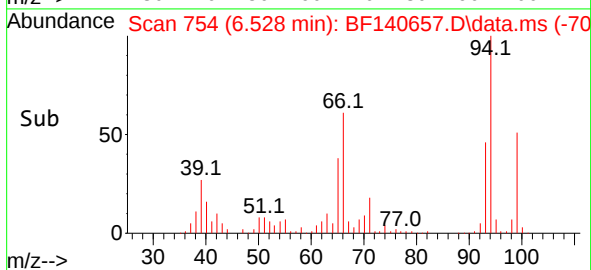
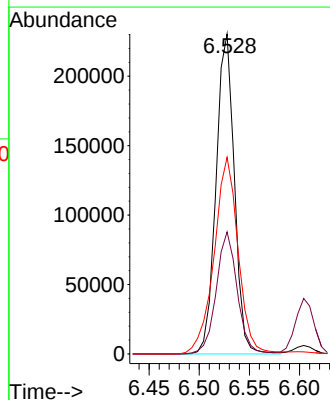
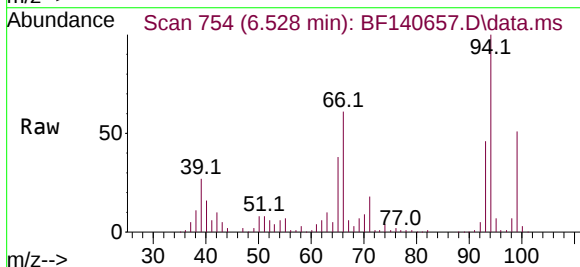
RT: 6.528 min Scan# 754

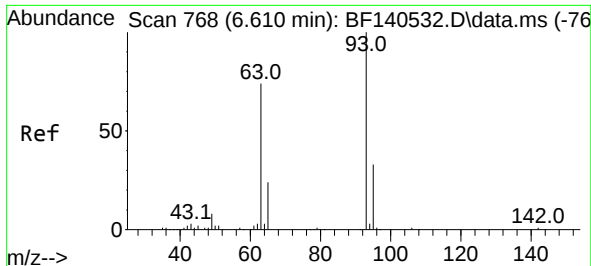
Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Tgt Ion: 94	Resp: 292023
Ion Ratio	Lower Upper
94 100	
65 38.2	17.2 57.2
66 61.4	39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 48.433 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

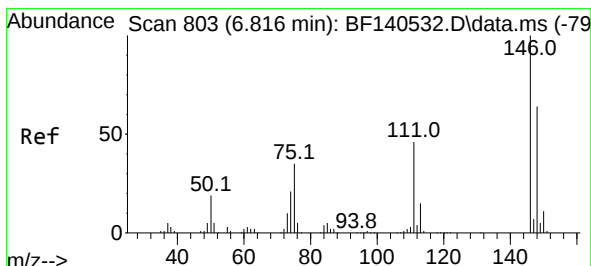
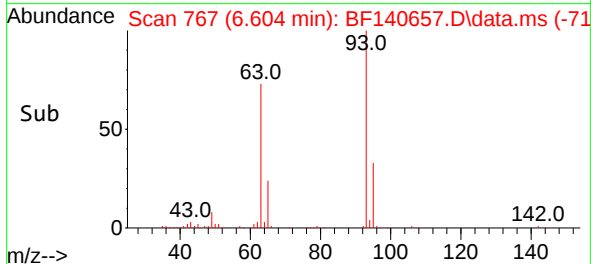
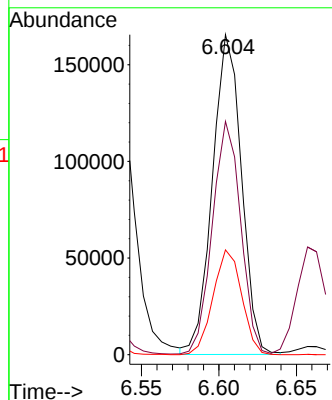
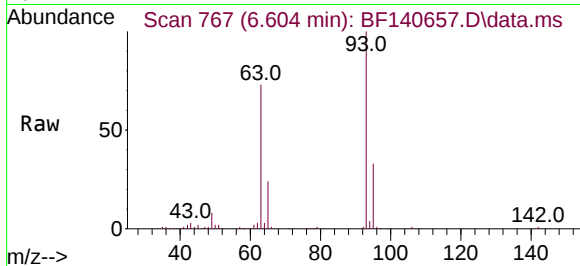
ClientSampleId :

PB165255BS

Tgt Ion: 93 Resp: 215572
Ion Ratio Lower Upper
93 100
63 72.9 52.8 92.8
95 32.8 12.3 52.3

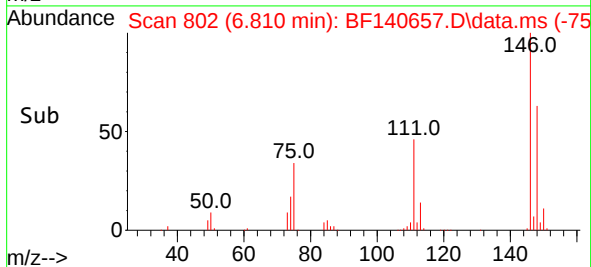
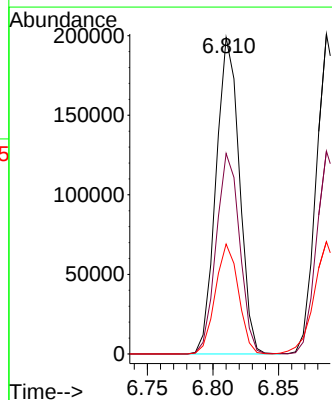
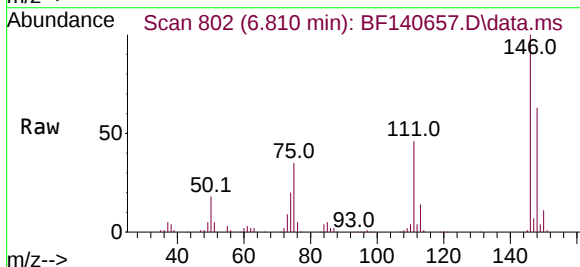
Manual Integrations
APPROVED

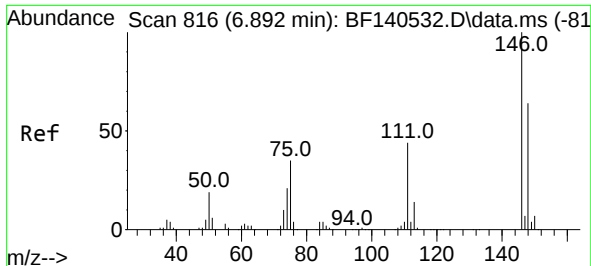
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#12
1,3-Dichlorobenzene
Concen: 47.254 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:146 Resp: 246093
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 34.7 28.2 42.2





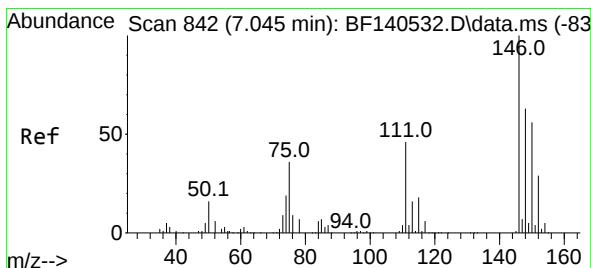
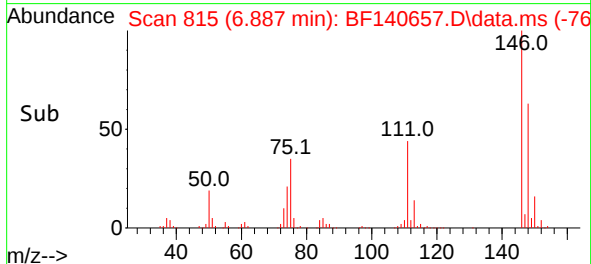
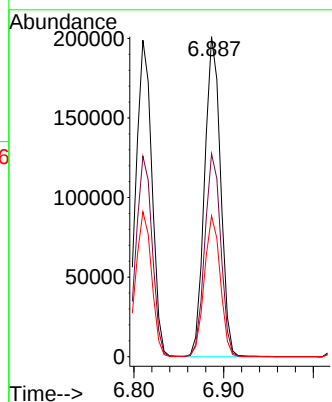
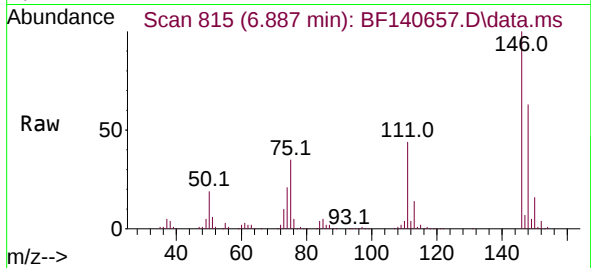
#13
1,4-Dichlorobenzene
Concen: 47.209 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :
BNA_F
ClientSampleId :
PB165255BS

Tgt Ion:146 Resp: 24894
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.0 35.3 52.9

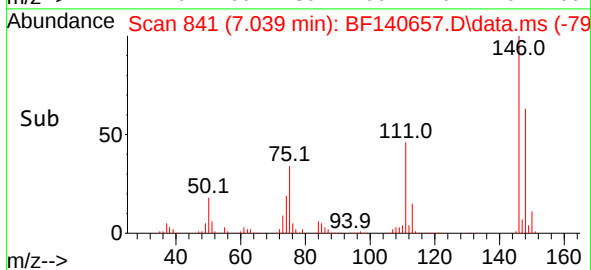
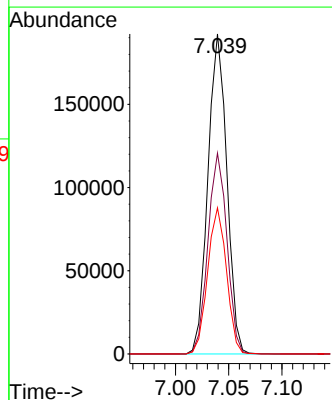
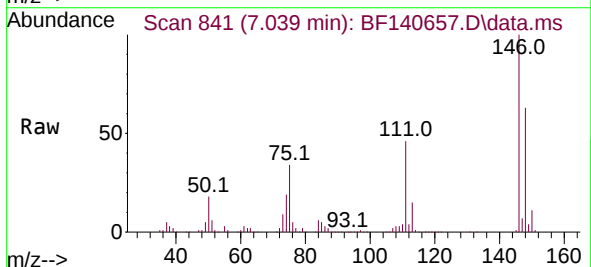
Manual Integrations
APPROVED

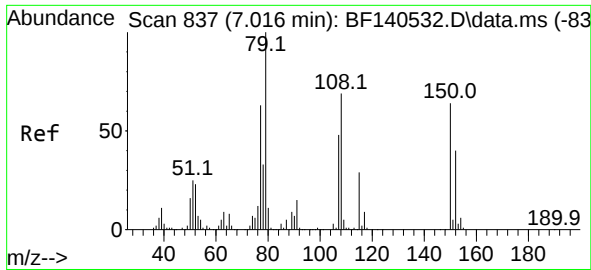
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#14
1,2-Dichlorobenzene
Concen: 48.090 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

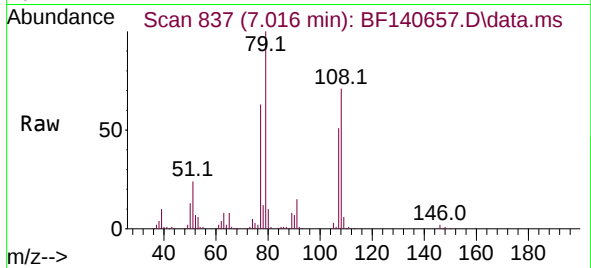
Tgt Ion:146 Resp: 237624
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 45.6 36.7 55.1





#15
Benzyl Alcohol
Concen: 51.576 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

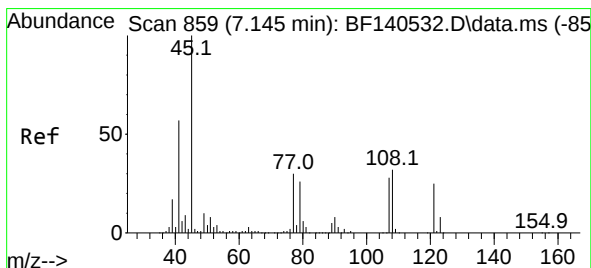
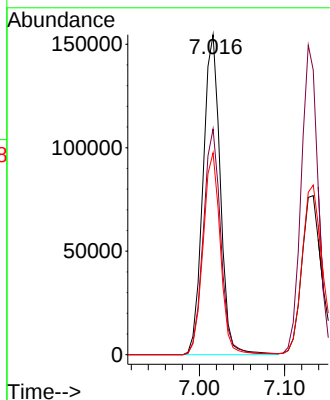
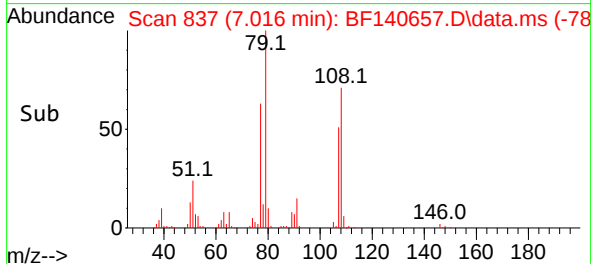
Instrument :
BNA_F
ClientSampleId :
PB165255BS



Tgt Ion: 79 Resp: 217838
Ion Ratio Lower Upper
79 100
108 70.6 55.0 82.6
77 63.1 50.1 75.1

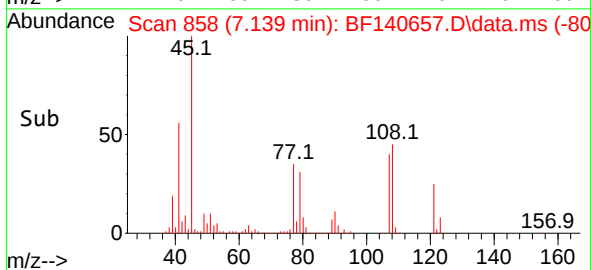
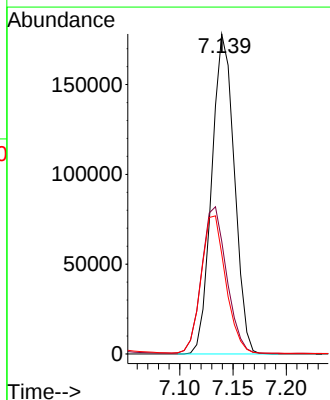
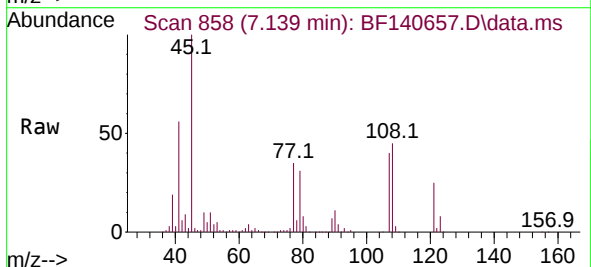
Manual Integrations
APPROVED

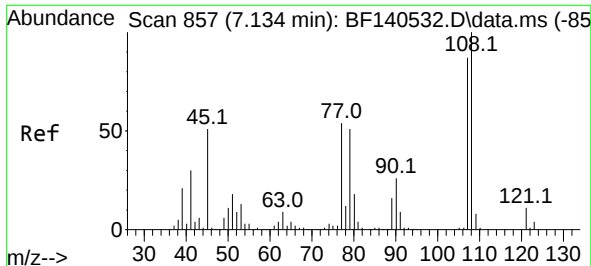
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.813 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion: 45 Resp: 261926
Ion Ratio Lower Upper
45 100
77 35.3 10.7 50.7
79 31.2 7.0 47.0





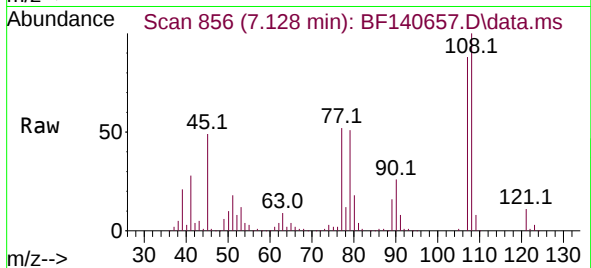
#17
2-Methylphenol
Concen: 49.111 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

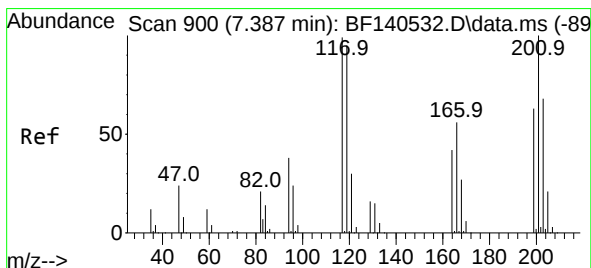
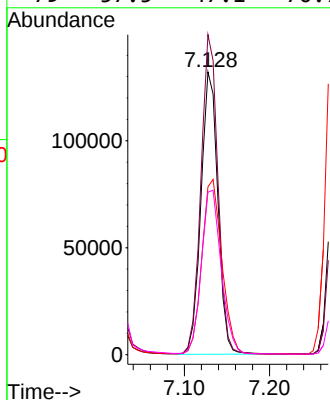
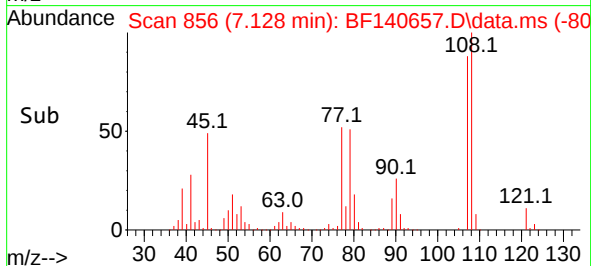


Tgt Ion:107 Resp: 182209
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 59.4 49.3 73.9
79 57.5 47.1 70.7

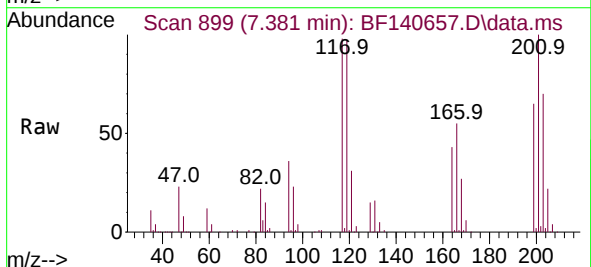
Manual Integrations

APPROVED

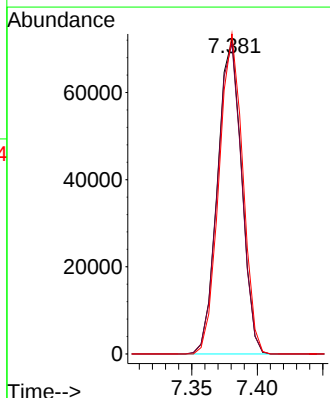
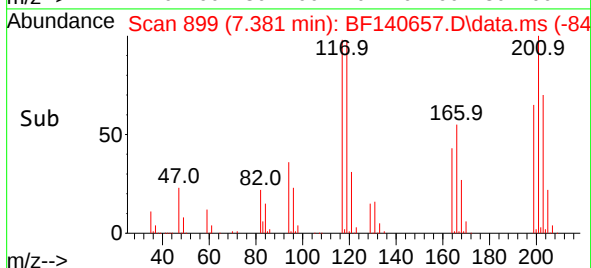
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

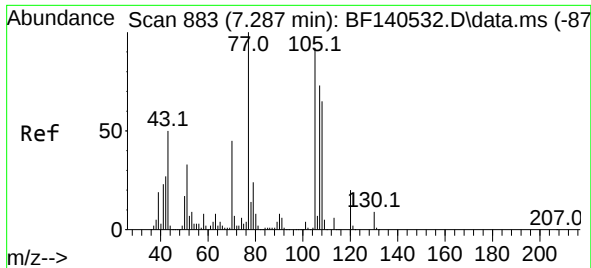


#18
Hexachloroethane
Concen: 46.728 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:117 Resp: 92030
Ion Ratio Lower Upper
117 100
119 98.7 77.1 115.7
201 101.8 81.1 121.7





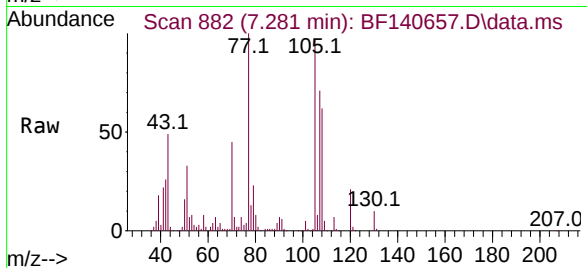
#19
n-Nitroso-di-n-propylamine
Concen: 48.208 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

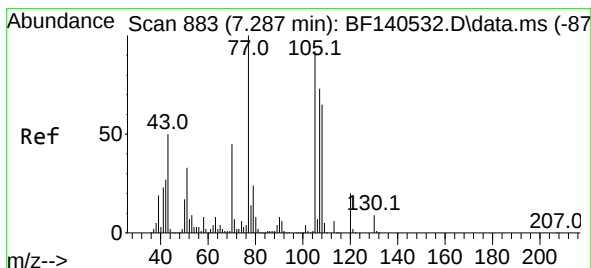
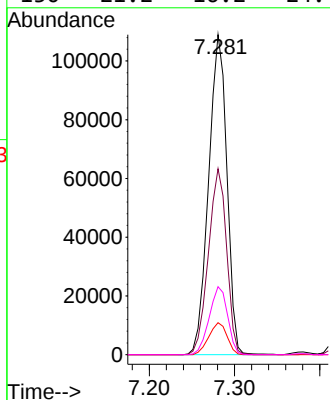
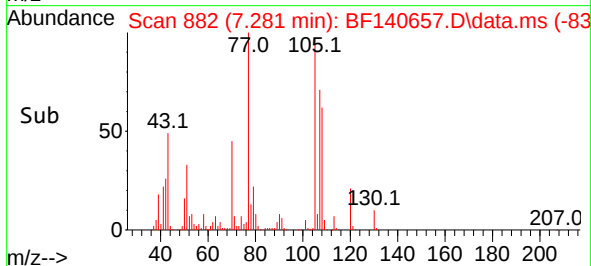
PB165255BS



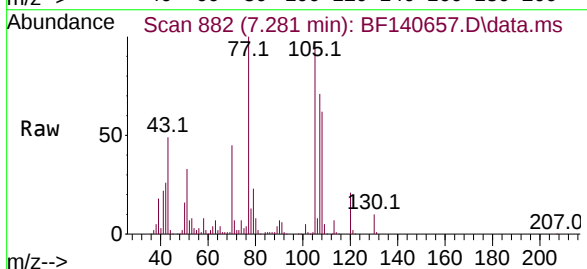
Tgt Ion: 70 Resp: 16226
Ion Ratio Lower Upper
70 100
42 58.1 47.6 71.4
101 10.0 7.6 11.4
130 21.2 16.2 24.4

Manual Integrations
APPROVED

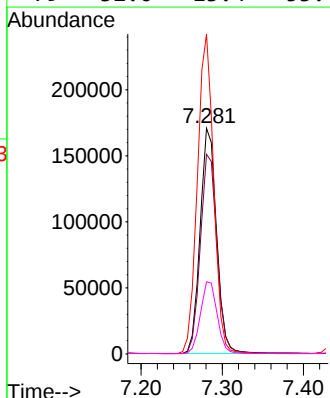
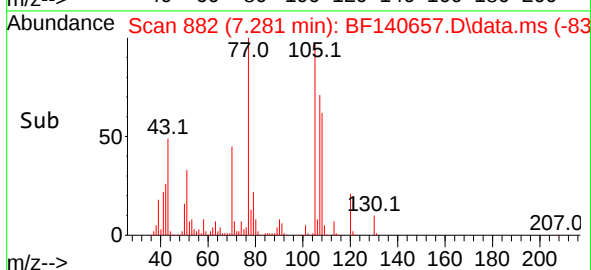
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

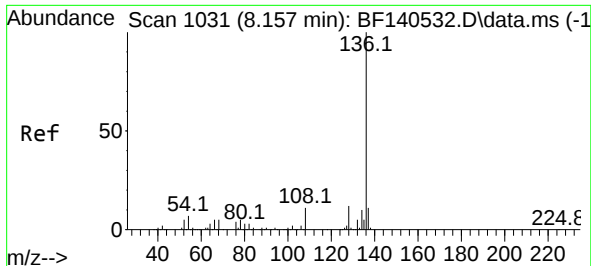


#20
3+4-Methylphenols
Concen: 50.423 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:107 Resp: 240459
Ion Ratio Lower Upper
107 100
108 88.4 69.9 109.9
77 141.8 117.7 157.7
79 32.0 13.4 53.4





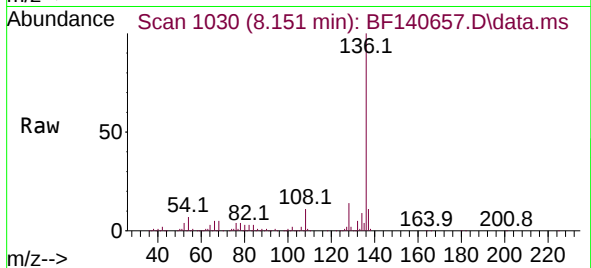
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS



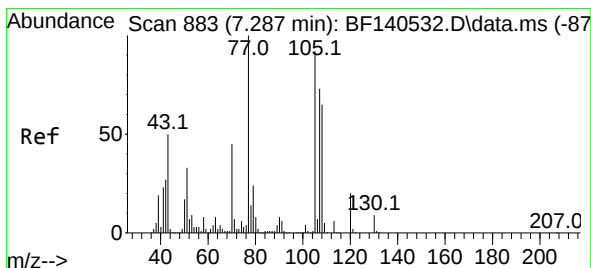
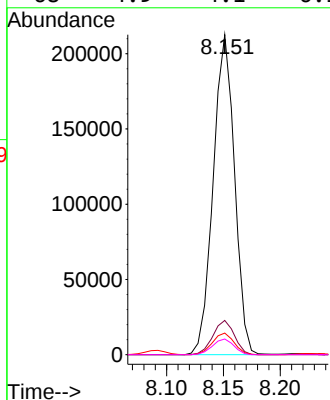
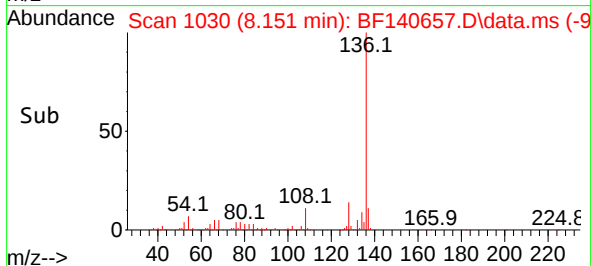
Tgt Ion:136 Resp: 278290
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.7 5.8 8.8
68 4.9 4.1 6.1

Manual Integrations

APPROVED

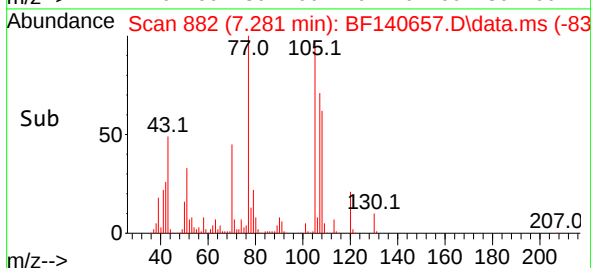
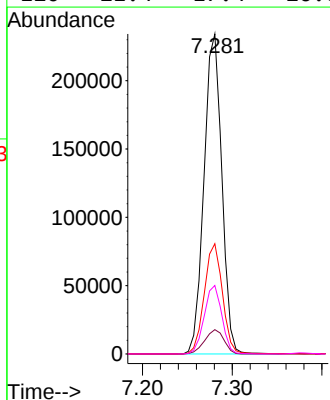
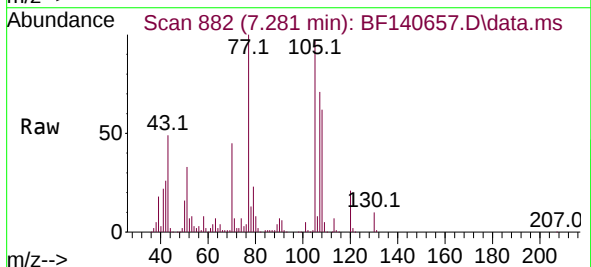
Reviewed By :Yogesh Patel 11/29/2024

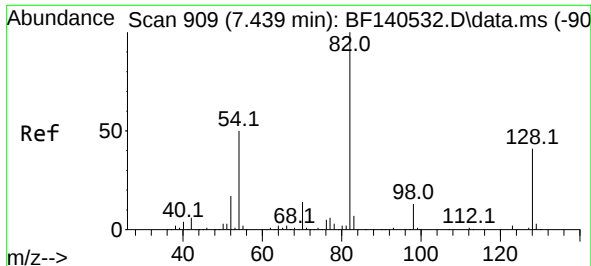
Supervised By :mohammad ahmed 11/29/2024



#22
Acetophenone
Concen: 47.568 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:105 Resp: 322727
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.2
51 34.4 29.0 43.6
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 90.594 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

Tgt Ion: 82 Resp: 492890

Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.4

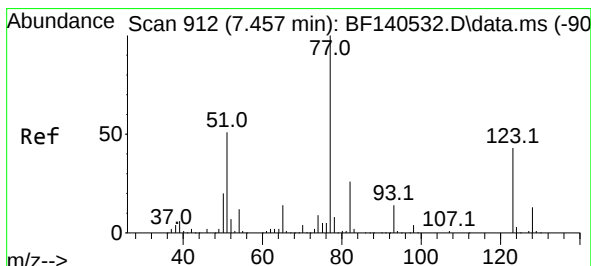
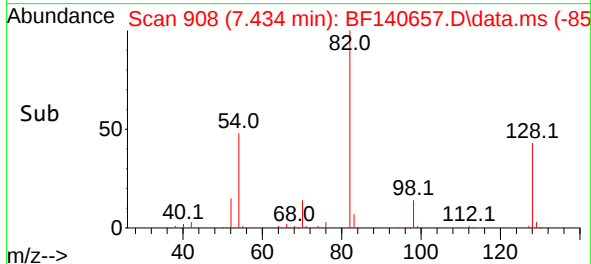
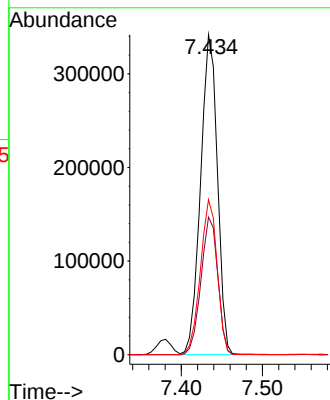
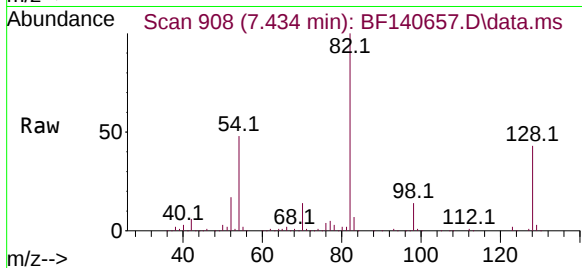
54 48.5 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#24

Nitrobenzene

Concen: 45.914 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

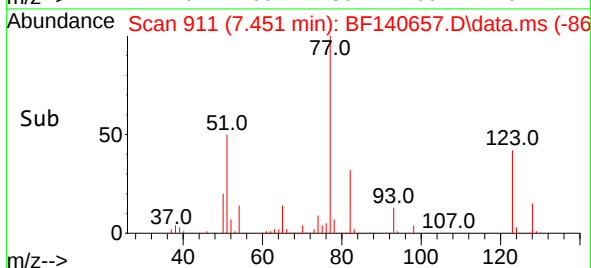
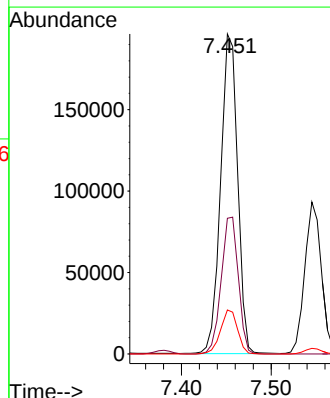
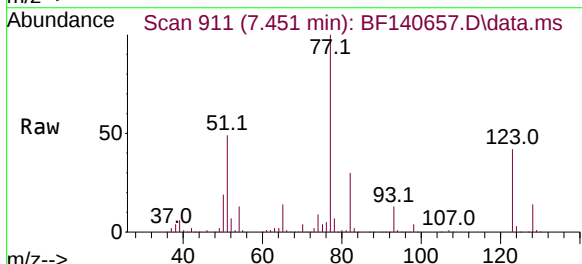
Tgt Ion: 77 Resp: 258179

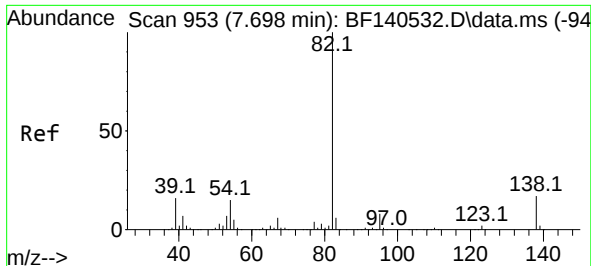
Ion Ratio Lower Upper

77 100

123 42.4 34.3 51.5

65 13.7 11.2 16.8





#25
Isophorone
Concen: 48.450 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

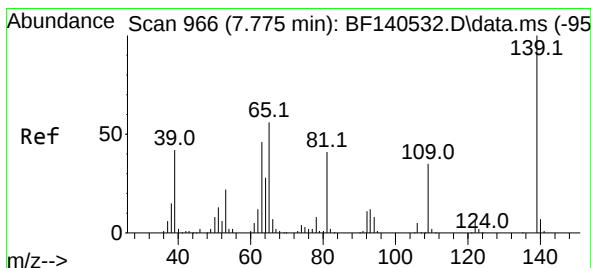
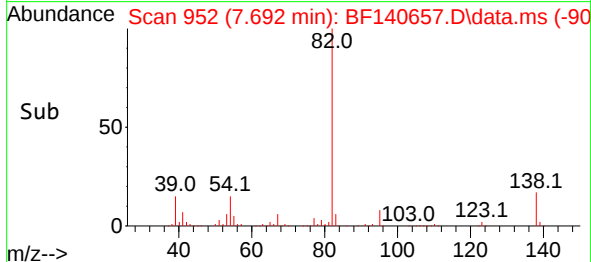
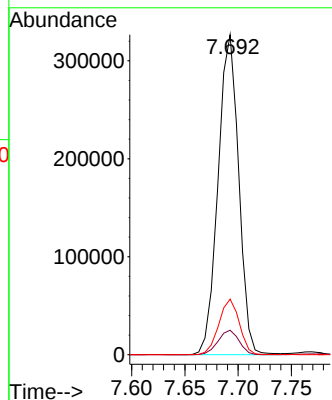
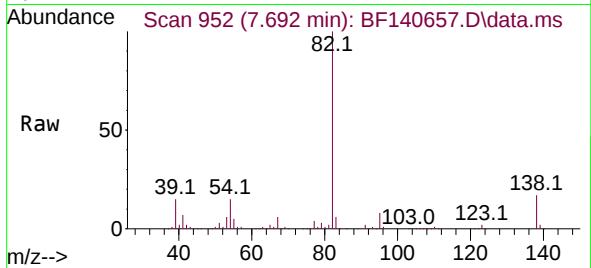
ClientSampleId :

PB165255BS

Tgt Ion: 82 Resp: 43966
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.3 13.8 20.6

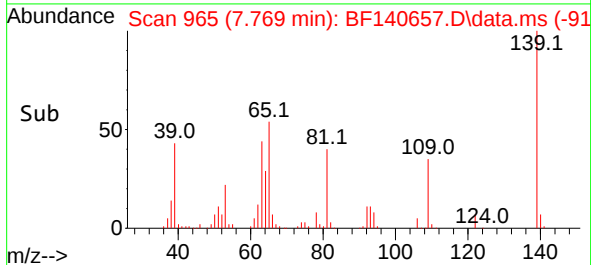
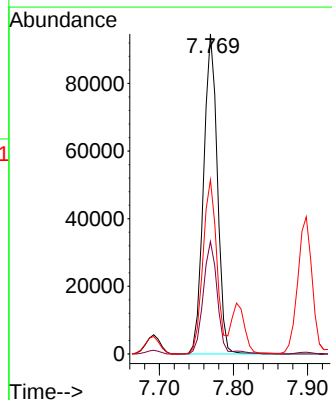
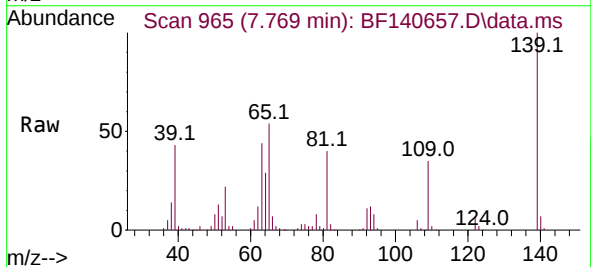
Manual Integrations
APPROVED

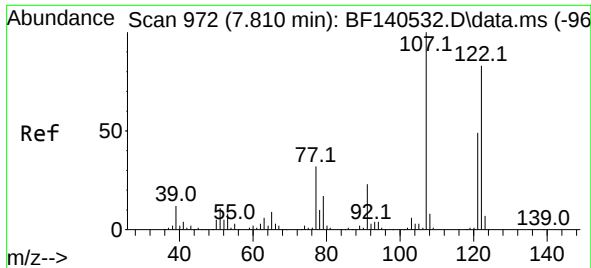
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 49.139 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:139 Resp: 122449
Ion Ratio Lower Upper
139 100
109 35.2 28.0 42.0
65 54.4 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 62.006 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

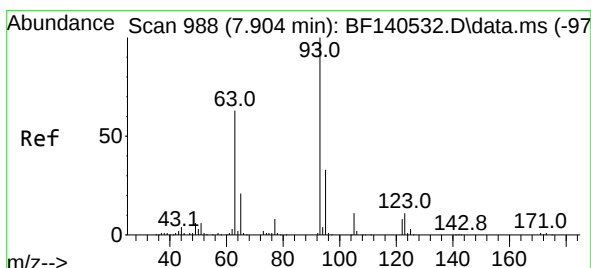
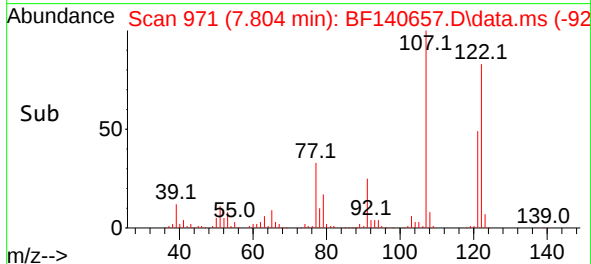
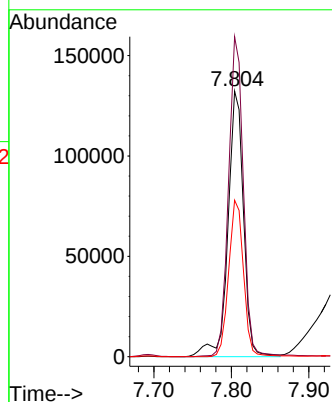
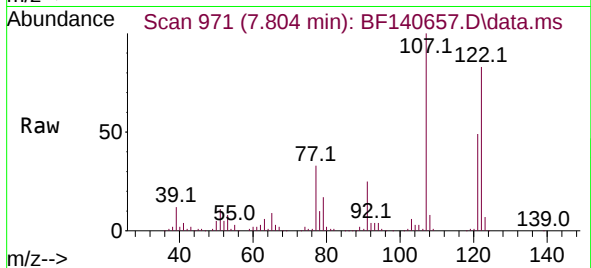
PB165255BS

Tgt Ion:122 Resp: 184872
Ion Ratio Lower Upper
122 100
107 120.5 96.8 145.2
121 58.9 47.4 71.0

Manual Integrations

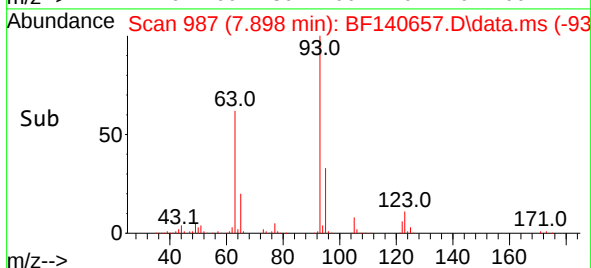
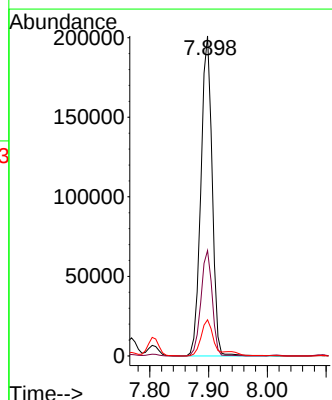
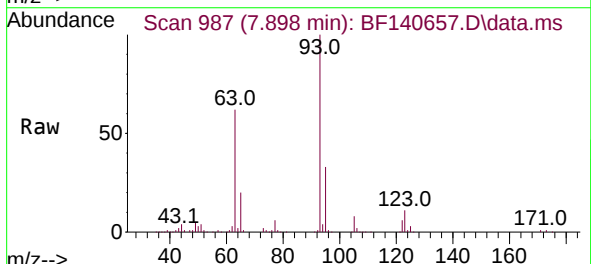
APPROVED

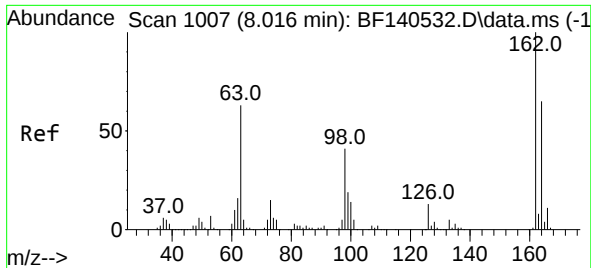
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.240 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion: 93 Resp: 266685
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.870 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

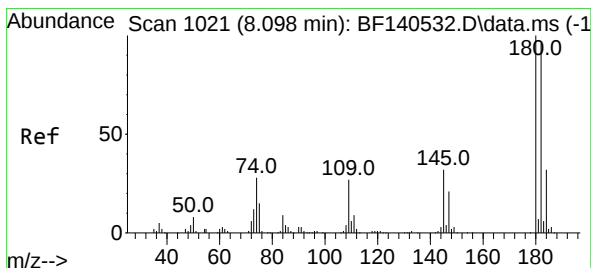
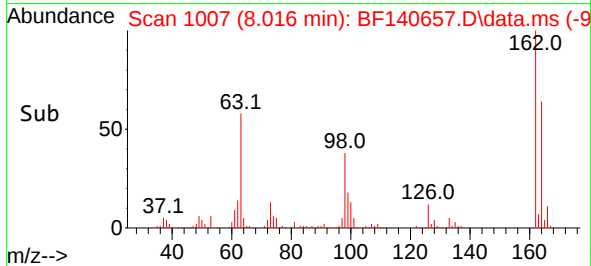
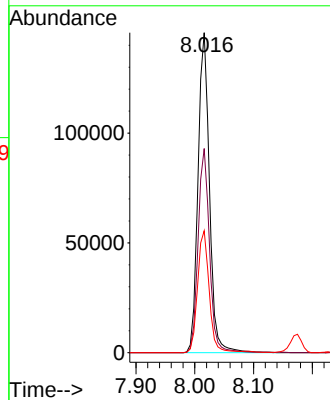
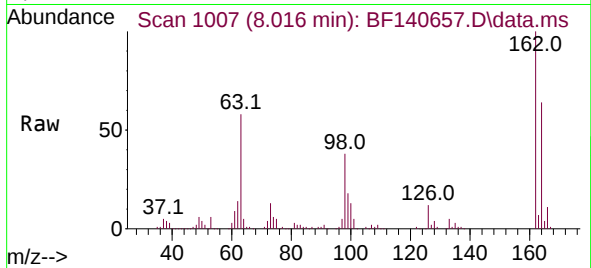
Tgt Ion:162 Resp: 197022
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.8 84.8
 98 38.1 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.855 ng

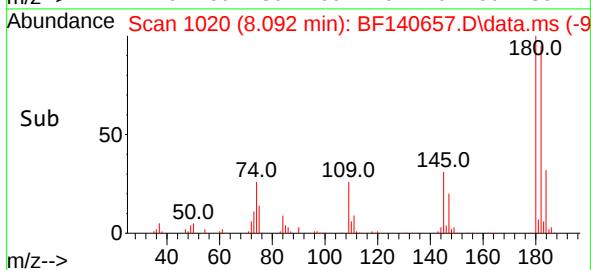
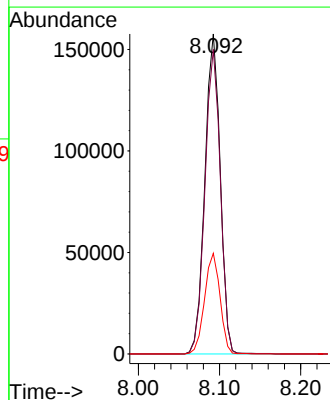
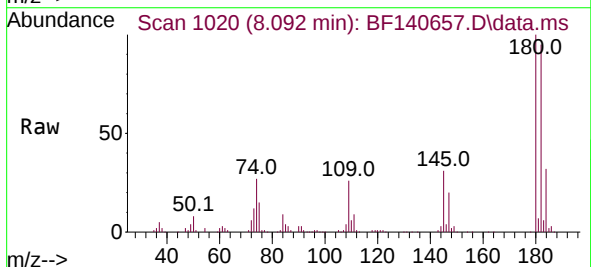
RT: 8.092 min Scan# 1020

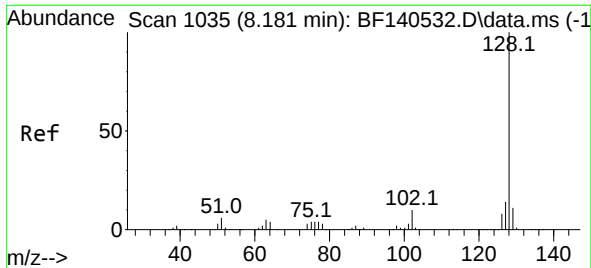
Delta R.T. -0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Tgt Ion:180 Resp: 206841
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 145 31.5 25.9 38.9





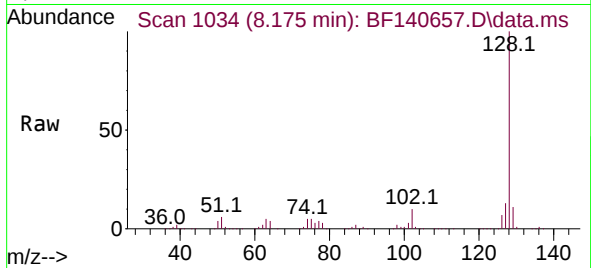
#31
Naphthalene
Concen: 47.417 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS



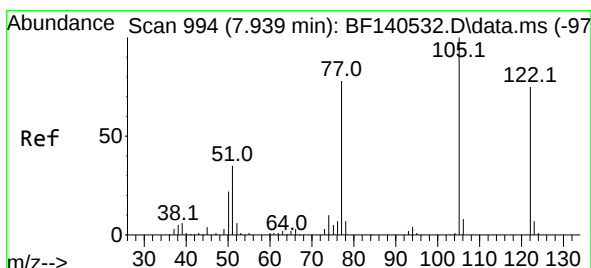
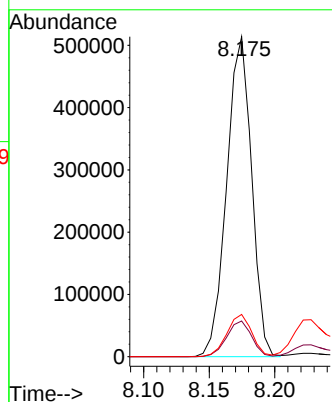
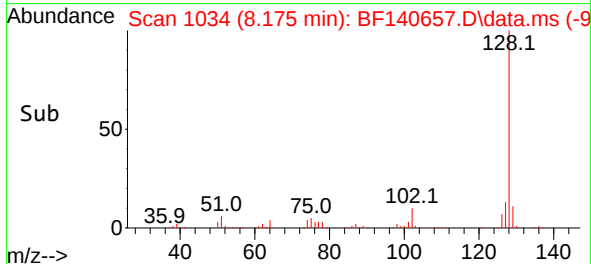
Tgt Ion:128 Resp: 679689
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

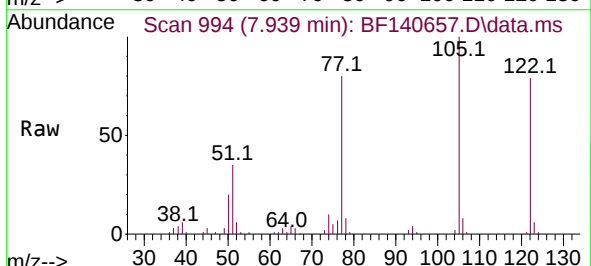
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

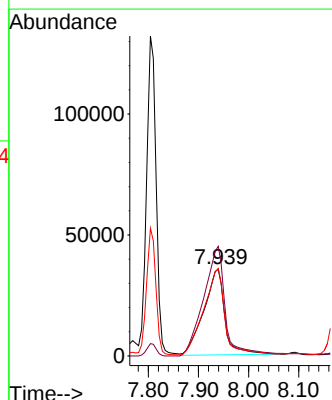
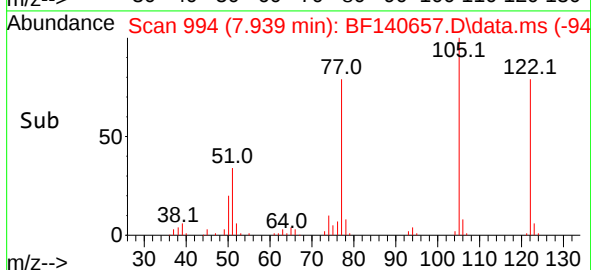
Supervised By :mohammad ahmed 11/29/2024

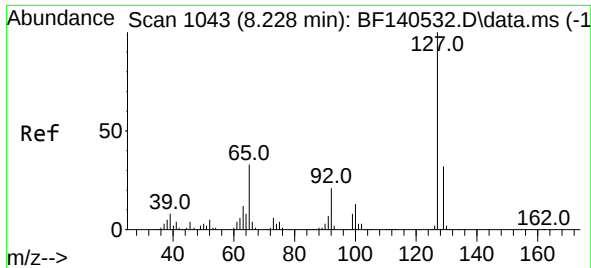


#32
Benzoic acid
Concen: 41.064 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:122 Resp: 103371
Ion Ratio Lower Upper
122 100
105 126.5 109.3 149.3
77 100.9 82.3 122.3





#33
4-Chloroaniline
Concen: 31.115 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

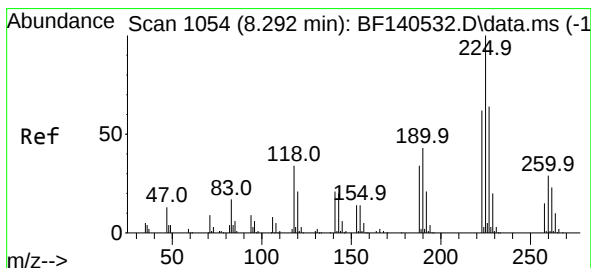
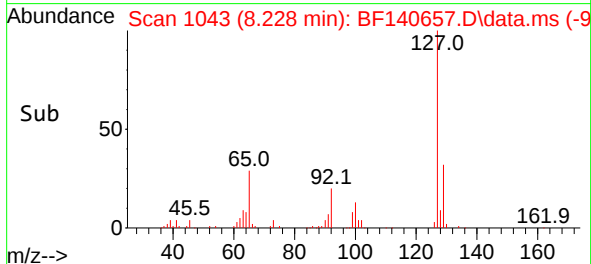
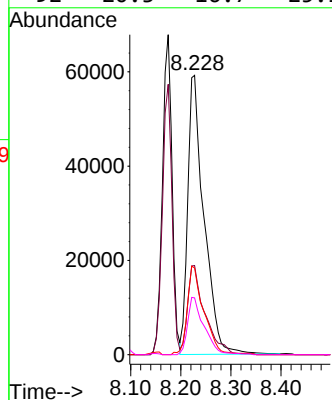
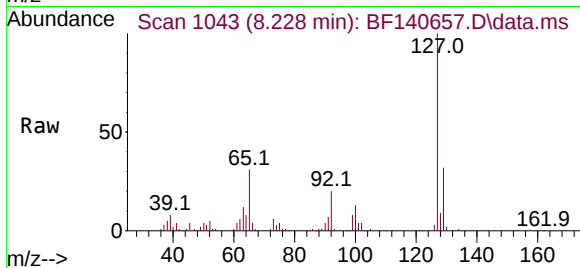
ClientSampleId :

PB165255BS

Tgt Ion:127 Resp: 13354
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 31.1 26.0 39.0
92 20.3 16.7 25.1

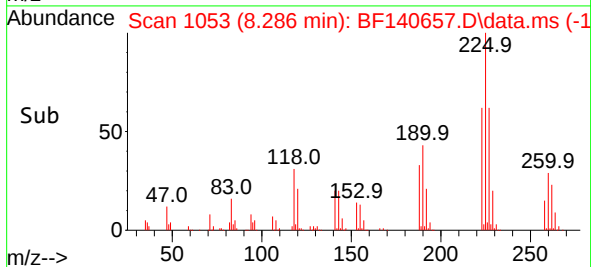
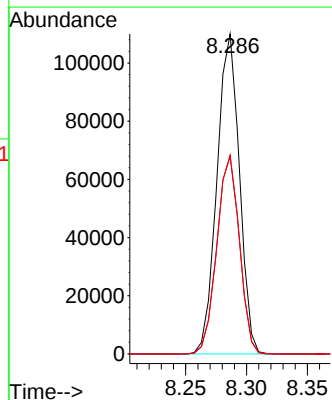
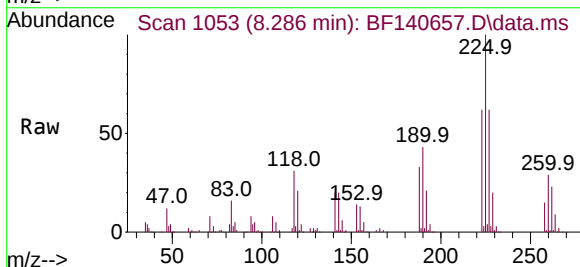
Manual Integrations
APPROVED

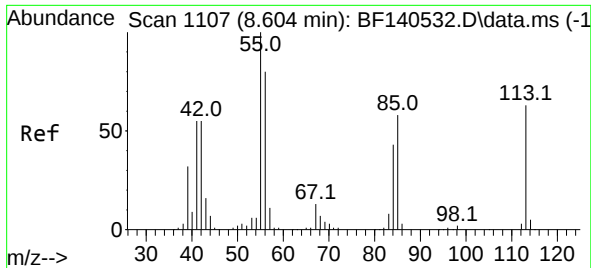
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#34
Hexachlorobutadiene
Concen: 47.249 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:225 Resp: 141168
Ion Ratio Lower Upper
225 100
223 61.7 49.8 74.8
227 62.2 51.3 76.9





#35
Caprolactam
Concen: 49.669 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

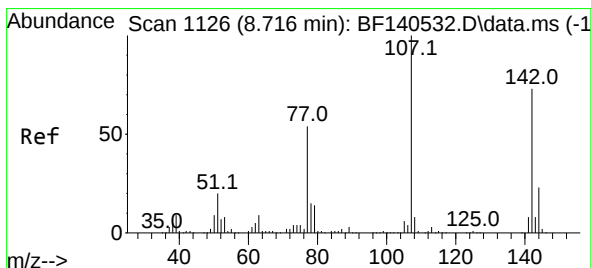
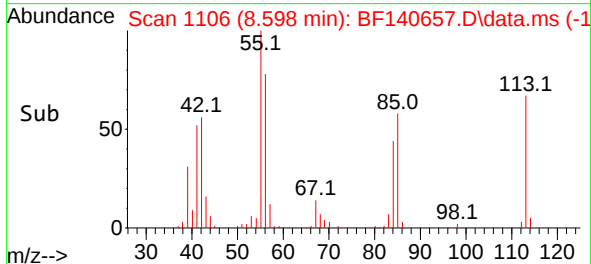
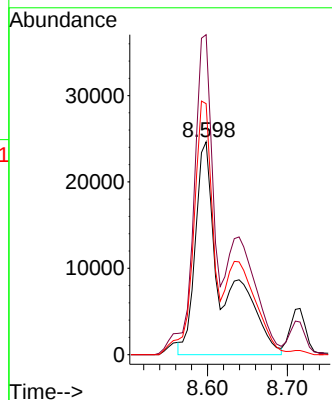
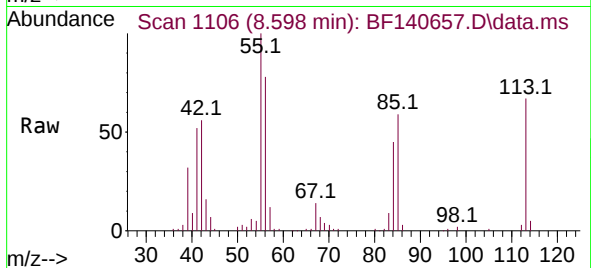
PB165255BS

Tgt Ion:113 Resp: 60720
Ion Ratio Lower Upper
113 100
55 150.4 137.7 177.7
56 118.0 106.4 146.4

Manual Integrations

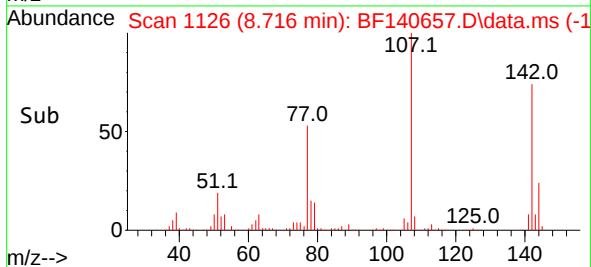
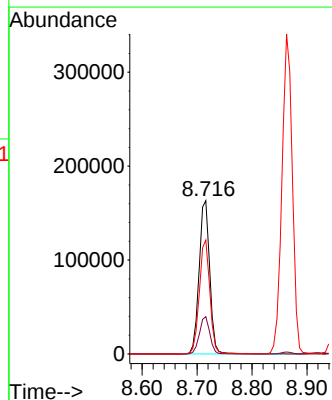
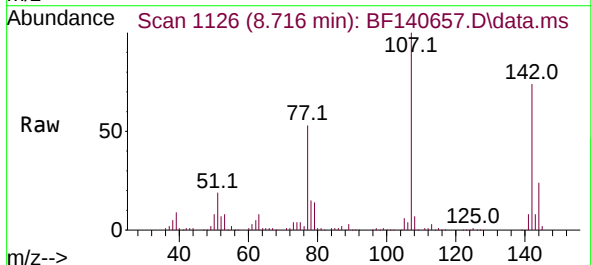
APPROVED

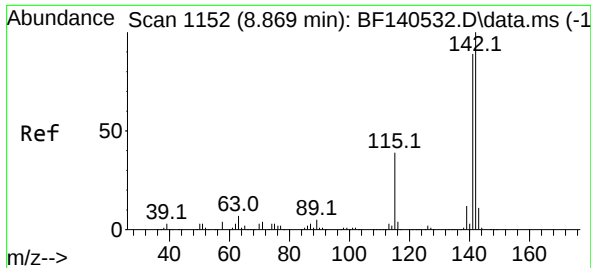
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#36
4-Chloro-3-methylphenol
Concen: 49.837 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:107 Resp: 220443
Ion Ratio Lower Upper
107 100
144 24.3 18.7 28.1
142 74.3 58.3 87.5





#37
2-Methylnaphthalene
Concen: 49.125 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

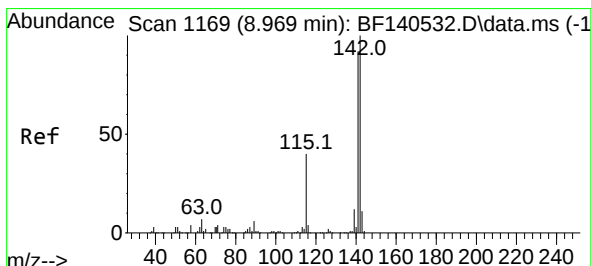
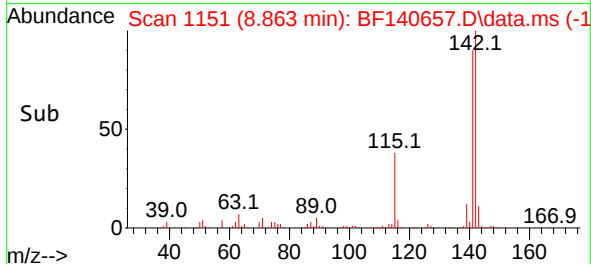
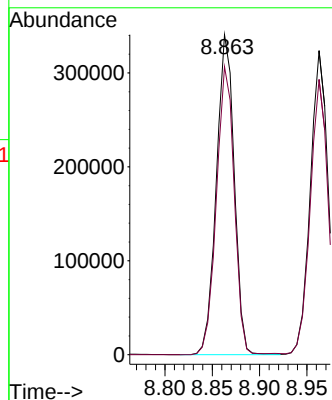
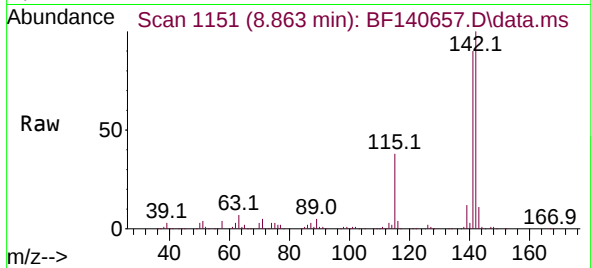
ClientSampleId :

PB165255BS

Tgt Ion:142 Resp: 447264
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6

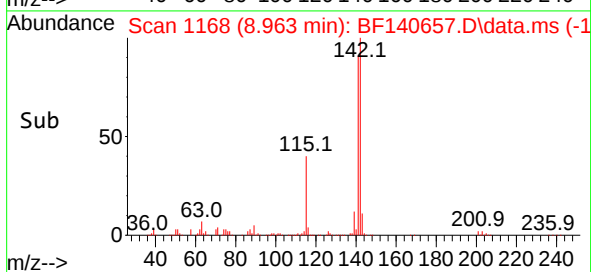
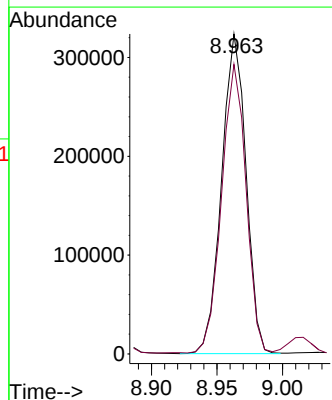
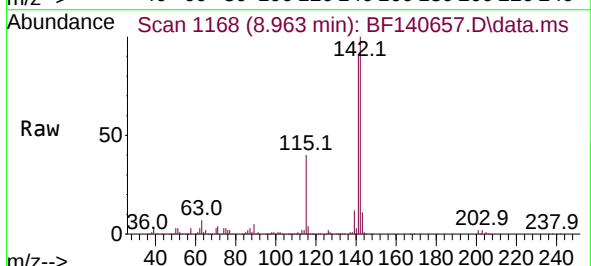
Manual Integrations
APPROVED

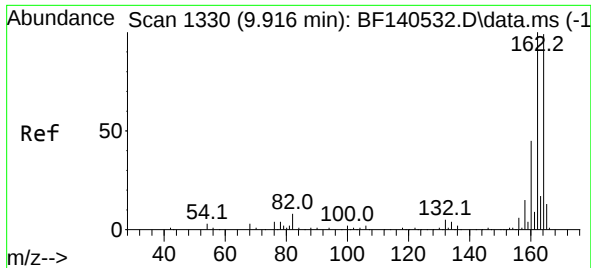
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 46.871 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:142 Resp: 418295
Ion Ratio Lower Upper
142 100
141 90.5 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNF

ClientSampleId :

PB165255BS

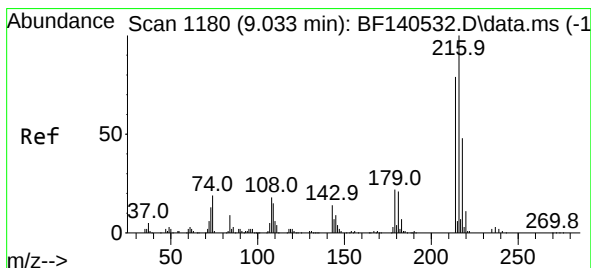
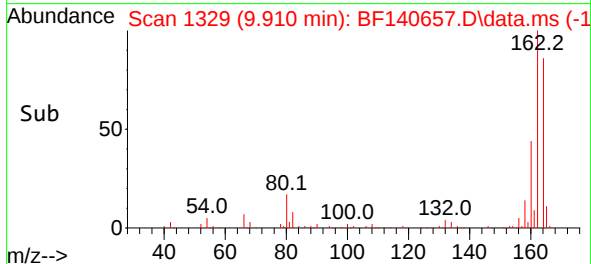
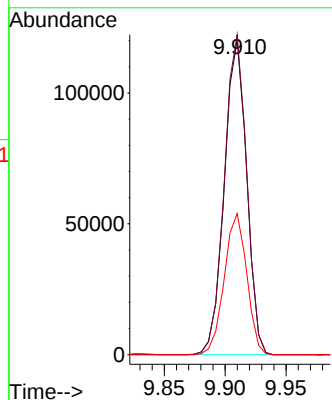
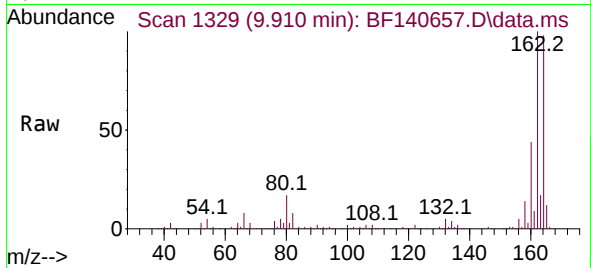
Tgt Ion:164 Resp: 15356
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.8 36.2 54.4

Manual Integrations

APPROVED

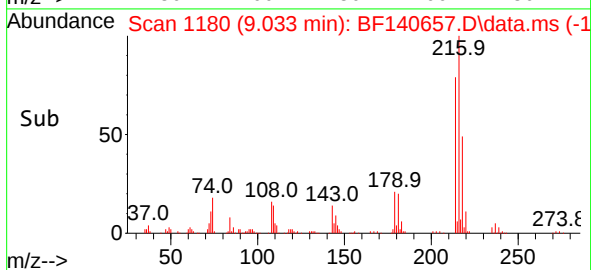
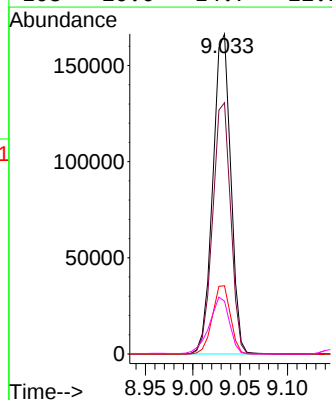
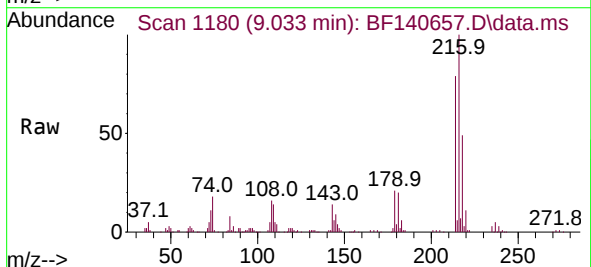
Reviewed By :Yogesh Patel 11/29/2024

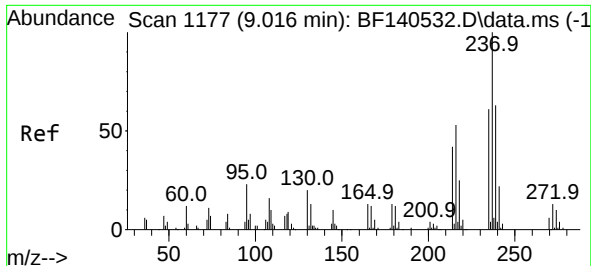
Supervised By :mohammad ahmed 11/29/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.783 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:216 Resp: 219311
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 21.6 17.5 26.3
108 20.0 14.7 22.1





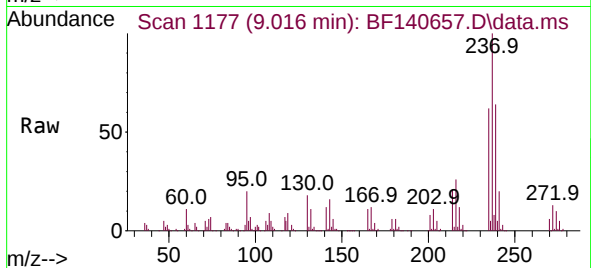
#41
Hexachlorocyclopentadiene
Concen: 170.078 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

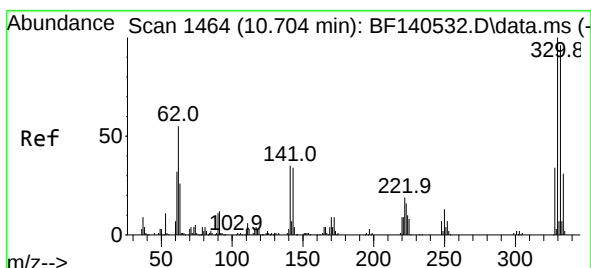
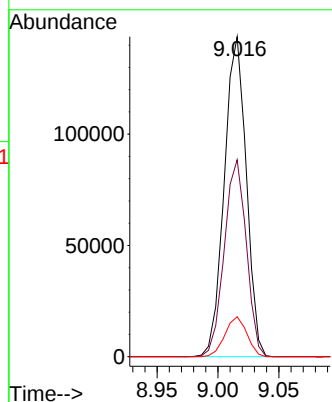
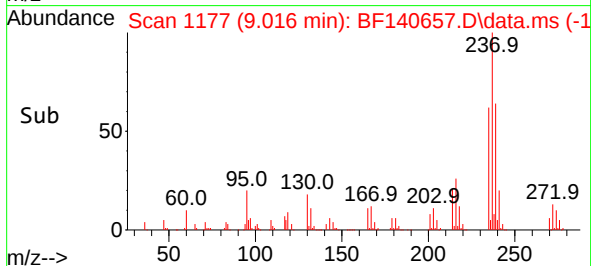


Tgt Ion:237 Resp: 18099
Ion Ratio Lower Upper
237 100
235 61.6 41.1 81.1
272 12.5 0.0 32.6

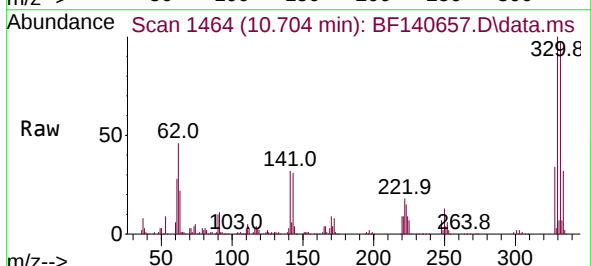
Manual Integrations

APPROVED

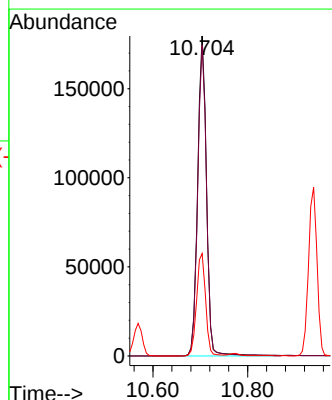
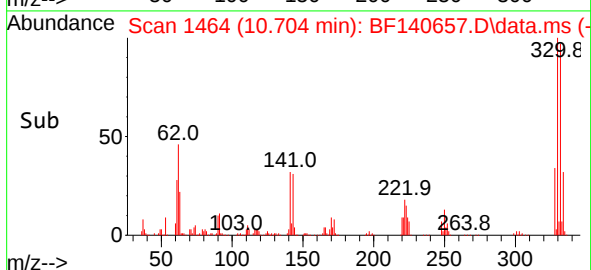
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

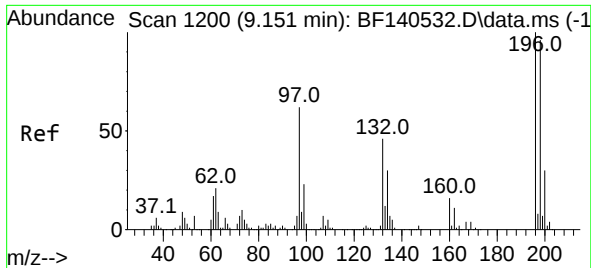


#42
2,4,6-Tribromophenol
Concen: 142.122 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:330 Resp: 233419
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 32.8 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 48.547 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

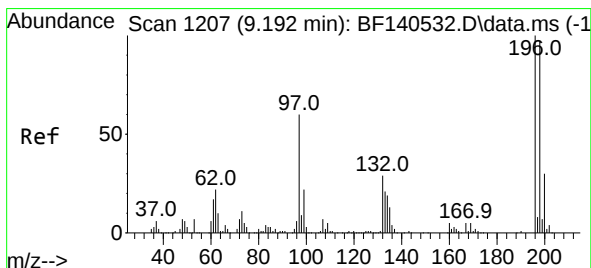
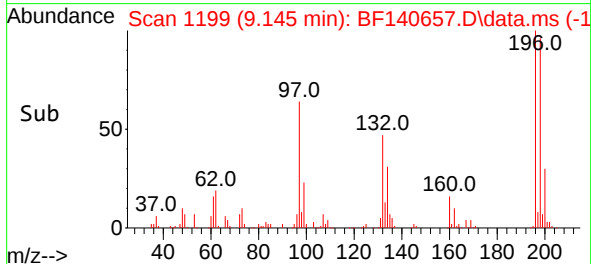
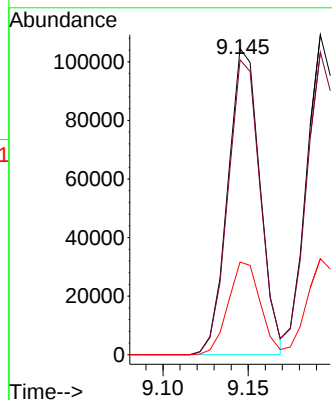
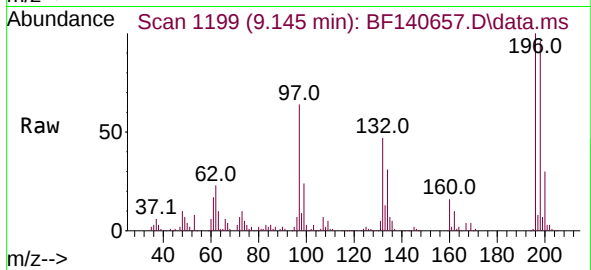
PB165255BS

Tgt Ion:196 Resp: 136948
Ion Ratio Lower Upper
196 100
198 96.3 76.8 115.2
200 30.3 24.3 36.5

Manual Integrations

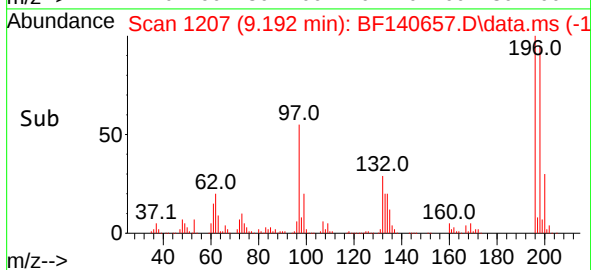
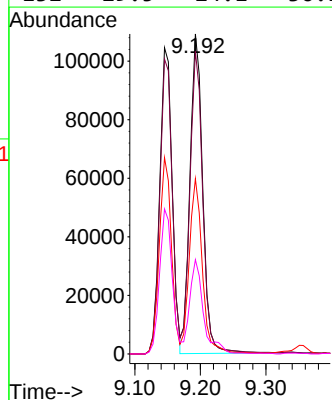
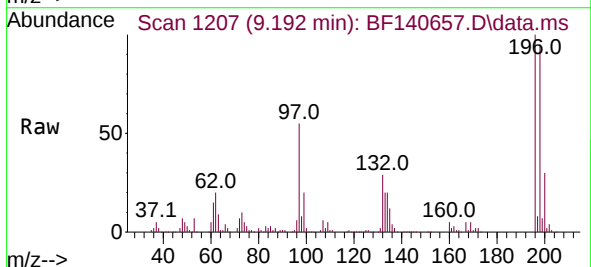
APPROVED

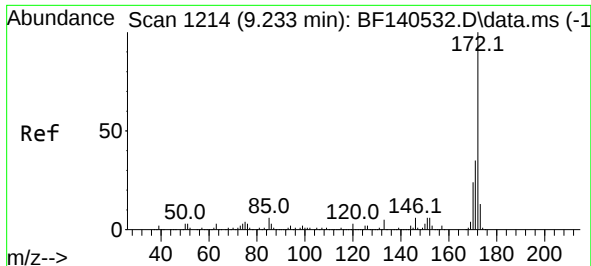
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#44
2,4,5-Trichlorophenol
Concen: 48.149 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:196 Resp: 147410
Ion Ratio Lower Upper
196 100
198 94.6 77.2 115.8
97 54.8 47.1 70.7
132 29.5 24.1 36.1





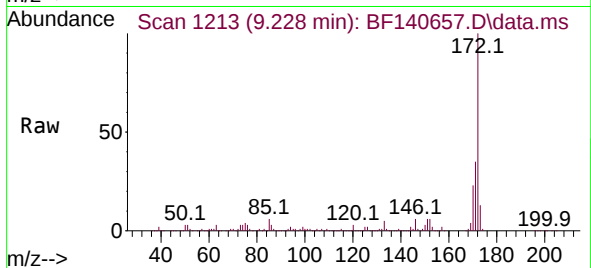
#45
2-Fluorobiphenyl
Concen: 93.752 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS



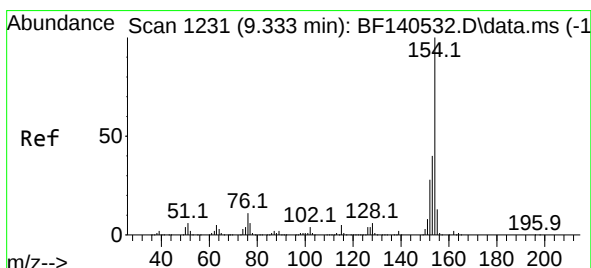
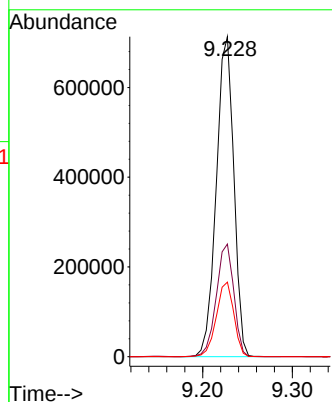
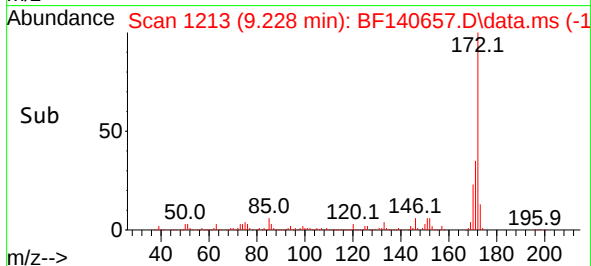
Tgt Ion:172 Resp: 966279
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 19.0 28.6

Manual Integrations

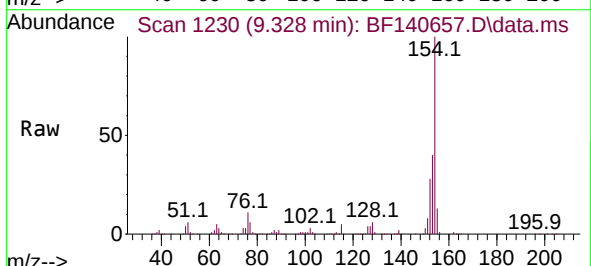
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

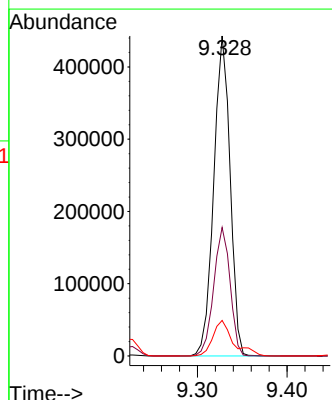
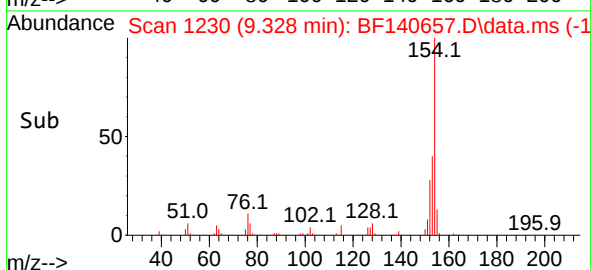
Supervised By :mohammad ahmed 11/29/2024

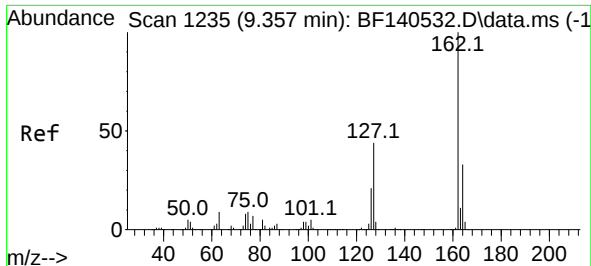


#46
1,1'-Biphenyl
Concen: 48.929 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:154 Resp: 560985
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.833 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

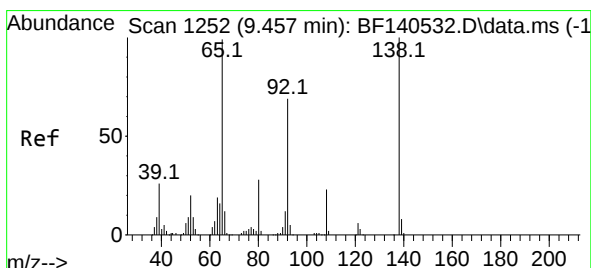
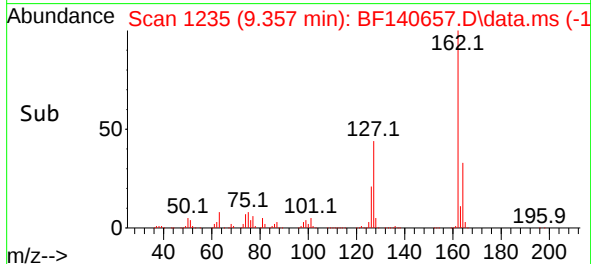
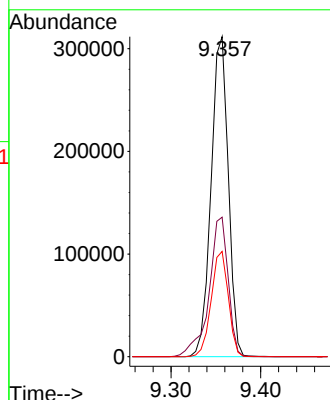
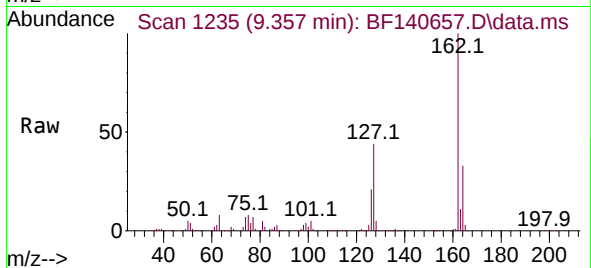
PB165255BS

Tgt Ion:162 Resp: 415540
 Ion Ratio Lower Upper
 162 100
 127 43.6 35.7 53.5
 164 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#48

2-Nitroaniline

Concen: 49.203 ng

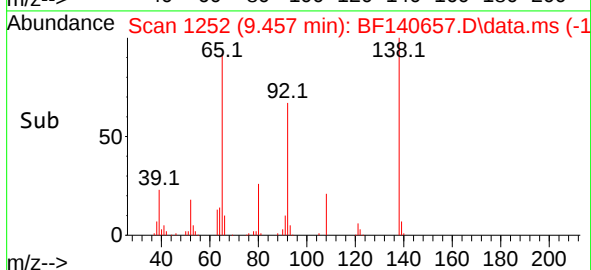
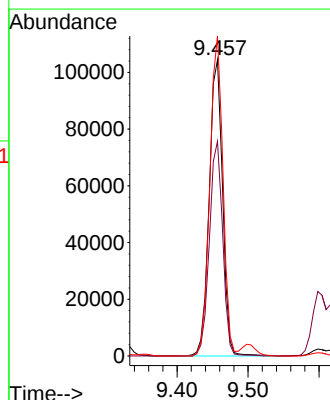
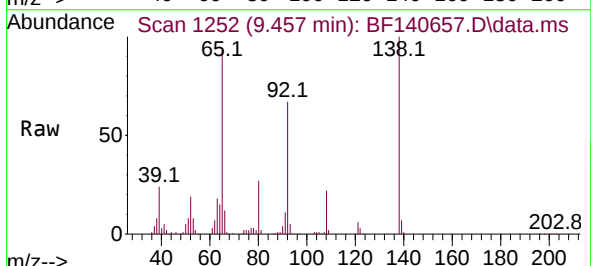
RT: 9.457 min Scan# 1252

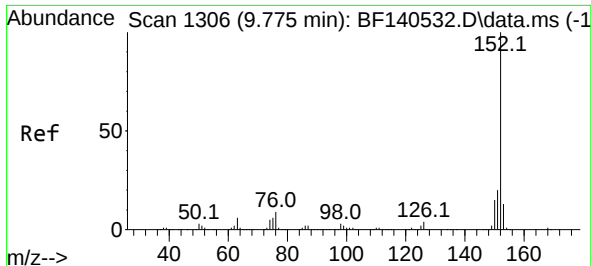
Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Tgt Ion: 65 Resp: 137203
 Ion Ratio Lower Upper
 65 100
 92 72.5 56.1 84.1
 138 108.1 81.0 121.6





#49
Acenaphthylene
Concen: 52.631 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

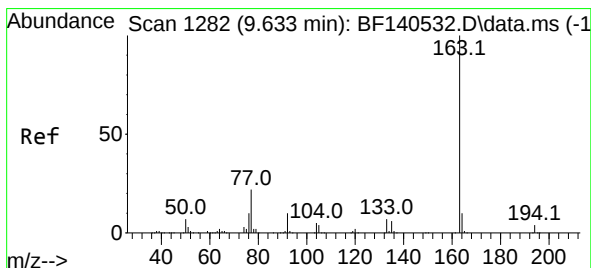
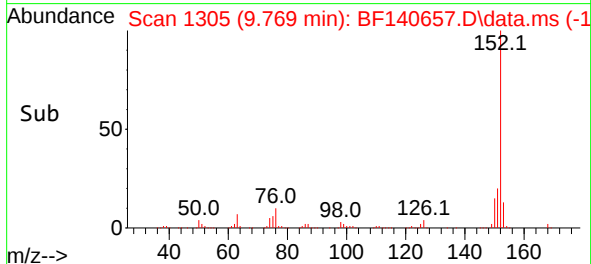
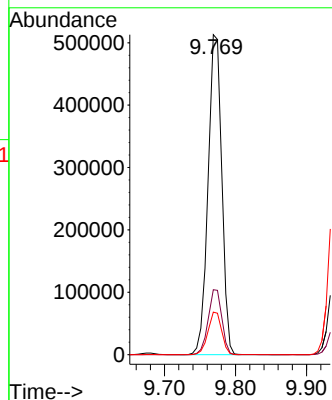
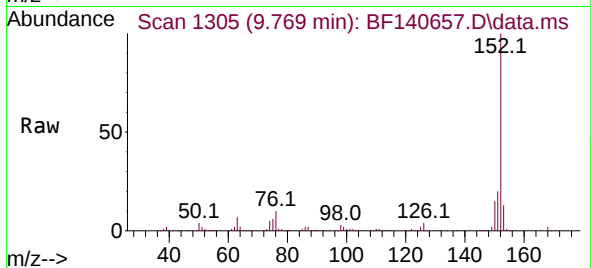
PB165255BS

Tgt Ion:152 Resp: 69084
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.6 16.0

Manual Integrations

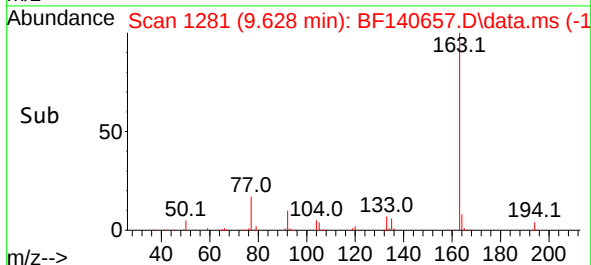
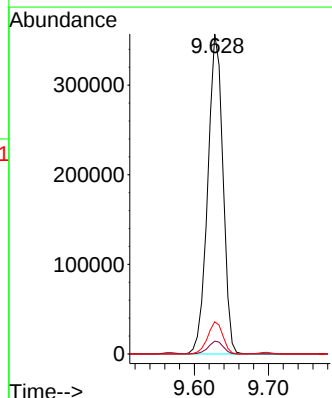
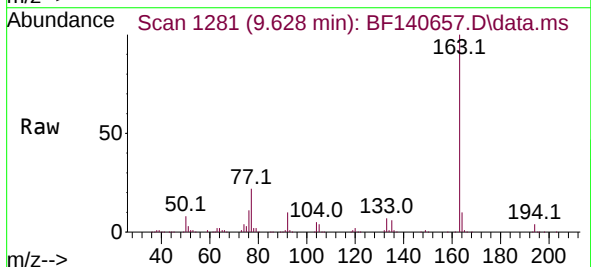
APPROVED

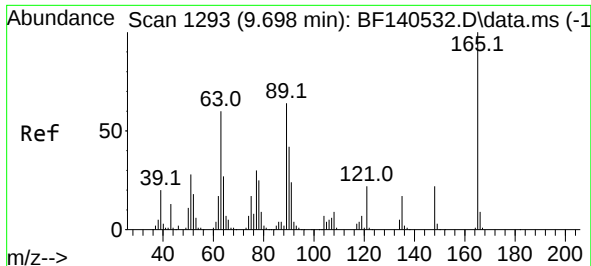
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#50
Dimethylphthalate
Concen: 50.250 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:163 Resp: 508214
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.227 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

Tgt Ion:165 Resp: 11062

Ion Ratio Lower Upper

165 100

63 55.8 49.9 74.9

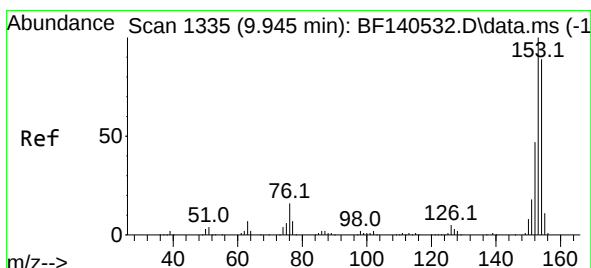
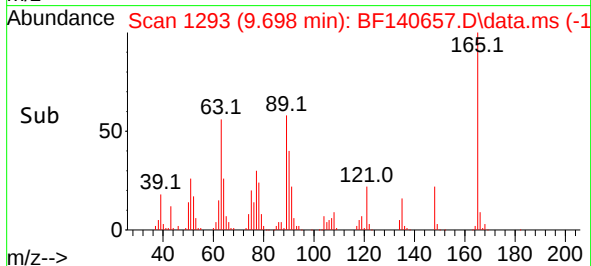
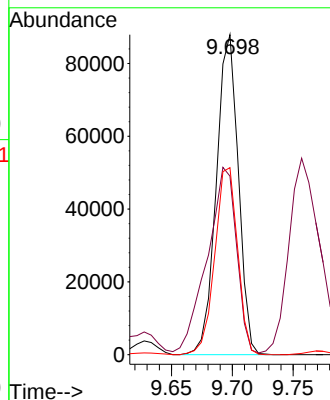
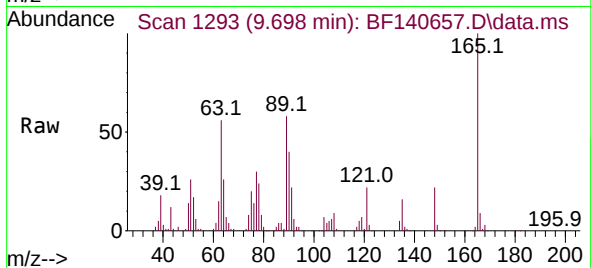
89 58.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#52

Acenaphthene

Concen: 50.837 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

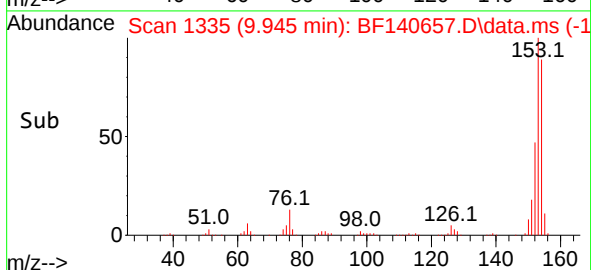
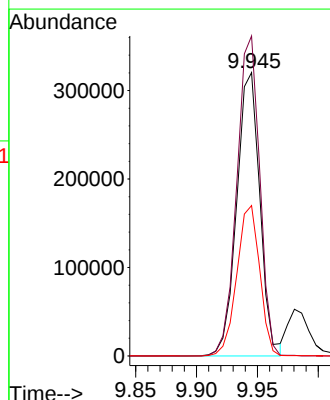
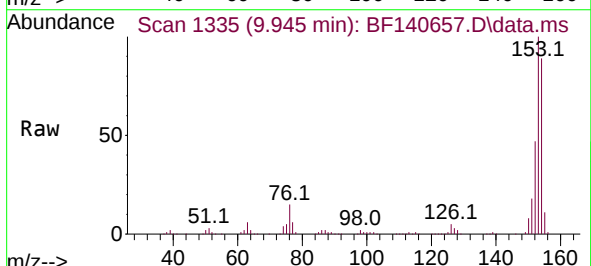
Tgt Ion:154 Resp: 423998

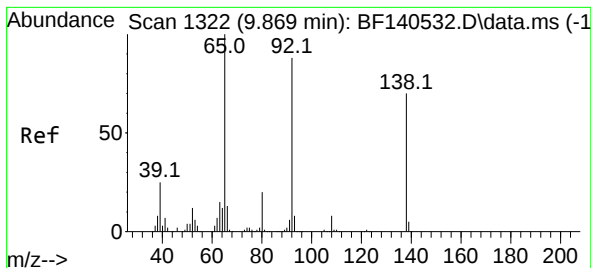
Ion Ratio Lower Upper

154 100

153 112.9 89.7 134.5

152 53.1 42.5 63.7





#53

3-Nitroaniline

Concen: 31.122 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

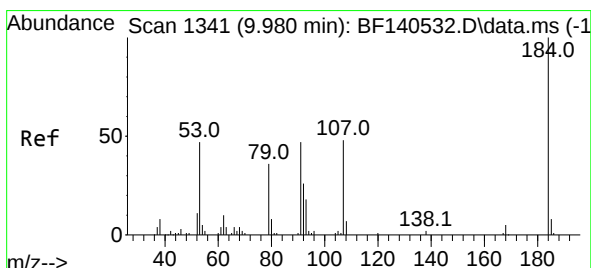
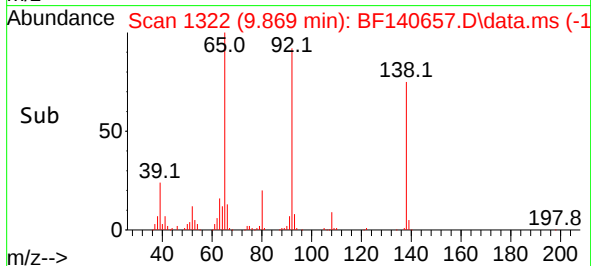
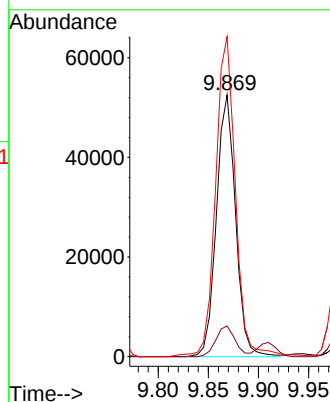
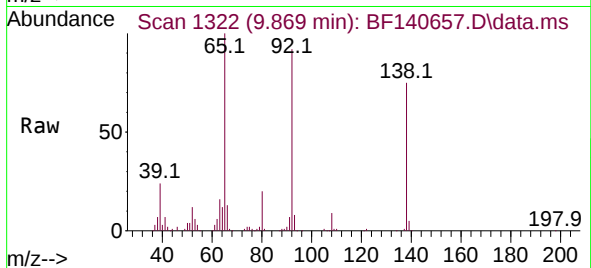
Tgt Ion:138 Resp: 69818
 Ion Ratio Lower Upper
 138 100
 108 11.7 9.2 13.8
 92 122.3 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#54

2,4-Dinitrophenol

Concen: 88.022 ng

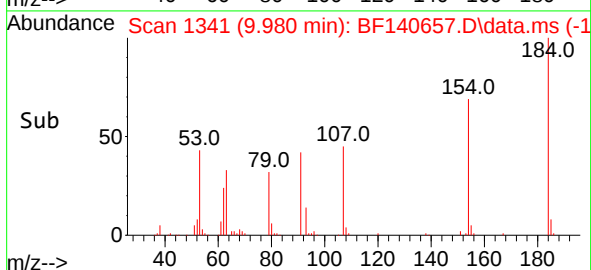
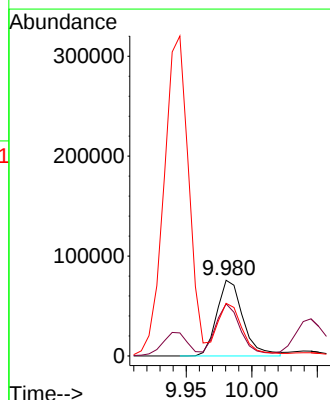
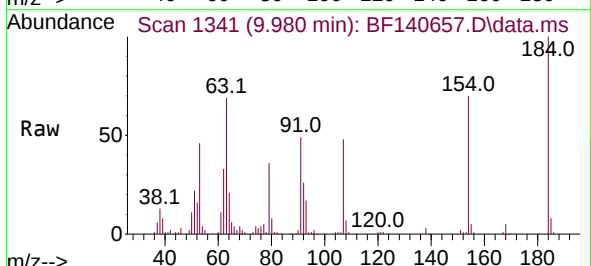
RT: 9.980 min Scan# 1341

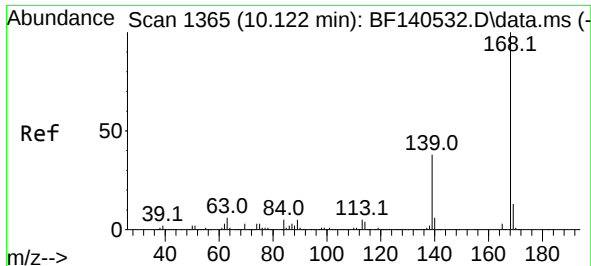
Delta R.T. 0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

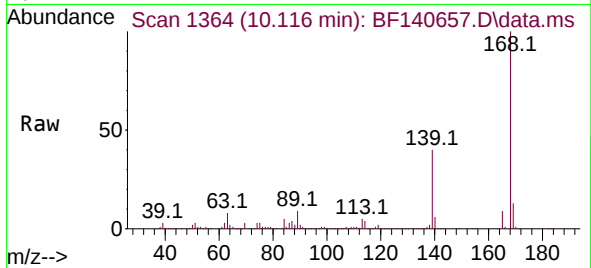
Tgt Ion:184 Resp: 105597
 Ion Ratio Lower Upper
 184 100
 63 68.8 54.1 81.1
 154 69.6 57.4 86.0





#55
Dibenzenofuran
Concen: 49.609 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

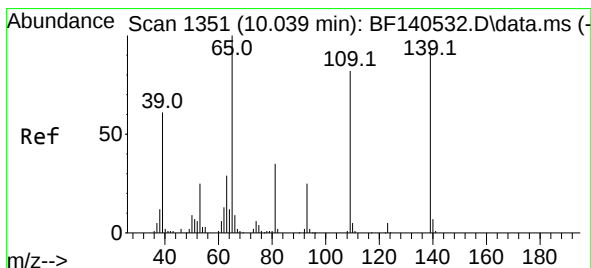
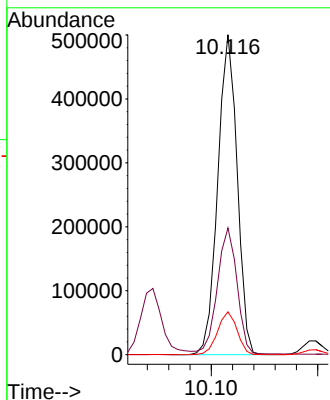
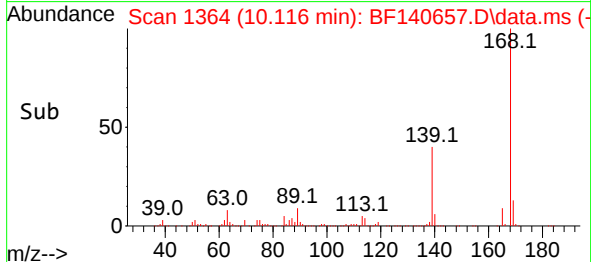
Instrument :
BNA_F
ClientSampleId :
PB165255BS



Tgt Ion:168 Resp: 63110
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 13.4 10.5 15.7

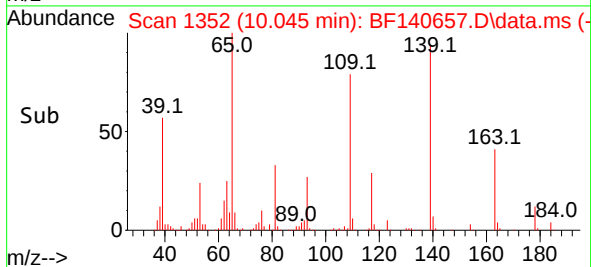
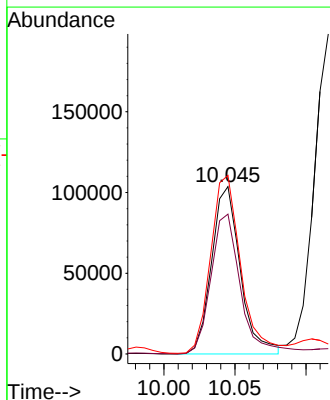
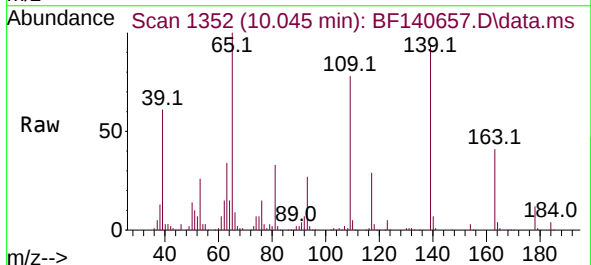
Manual Integrations
APPROVED

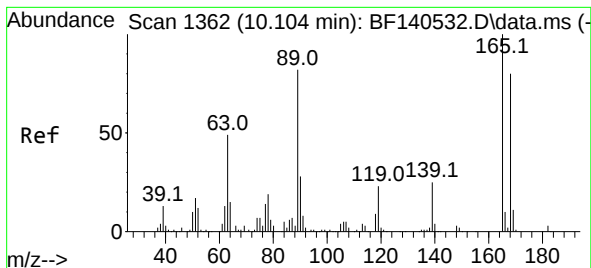
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#56
4-Nitrophenol
Concen: 95.618 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:139 Resp: 146293
Ion Ratio Lower Upper
139 100
109 83.5 68.4 108.4
65 106.7 88.6 128.6





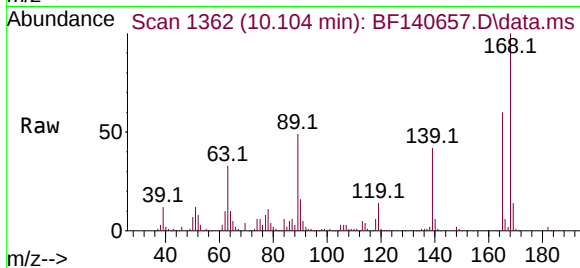
#57
2,4-Dinitrotoluene
Concen: 49.915 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

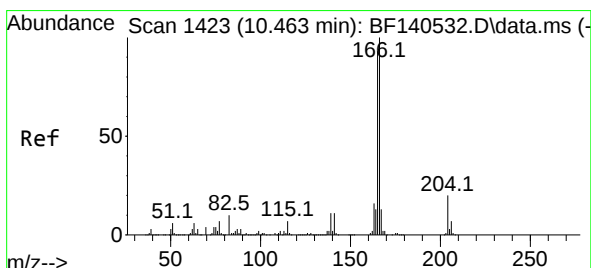
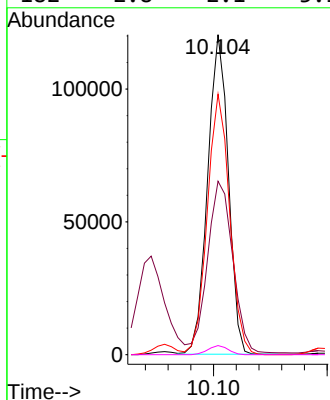
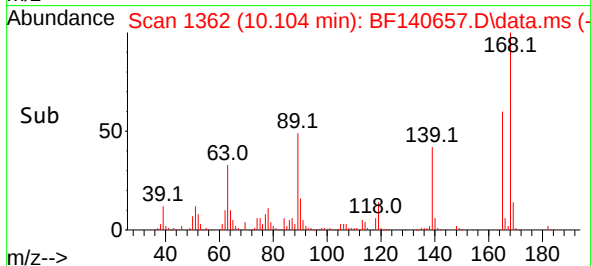


Tgt Ion:165 Resp: 152164
Ion Ratio Lower Upper
165 100
63 54.2 41.7 62.5
89 81.4 65.8 98.8
182 2.8 2.1 3.1

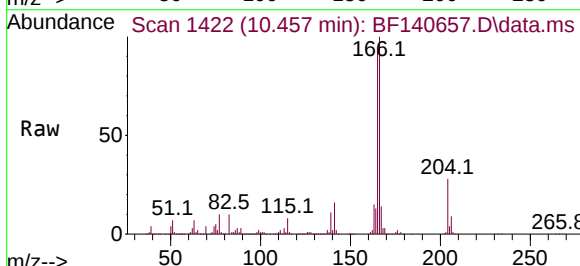
Manual Integrations

APPROVED

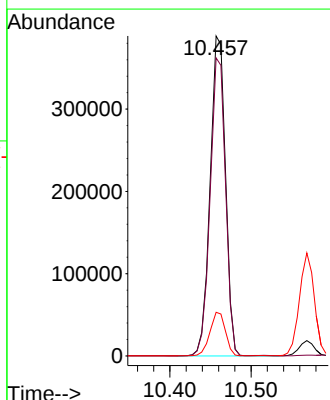
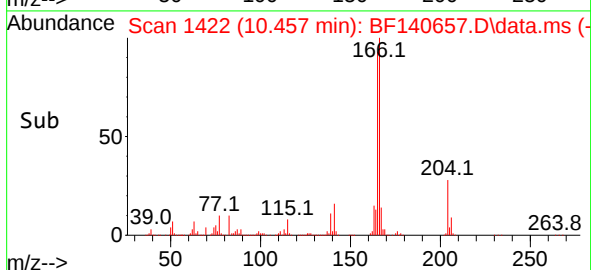
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

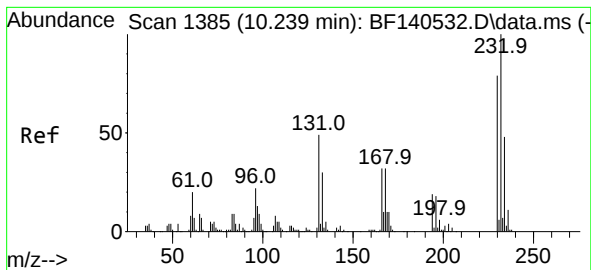


#58
Fluorene
Concen: 50.025 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



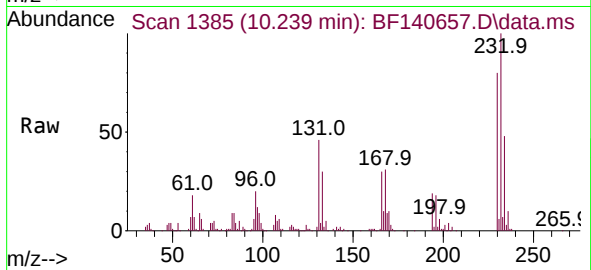
Tgt Ion:166 Resp: 510825
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.173 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

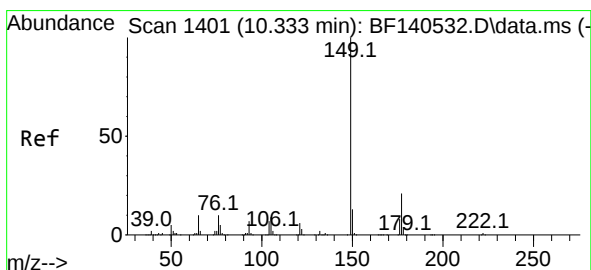
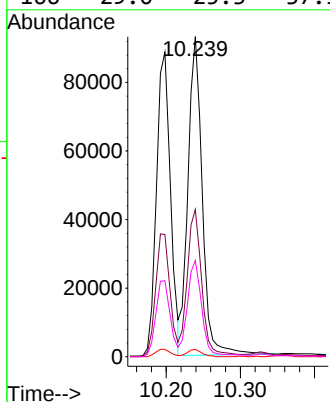
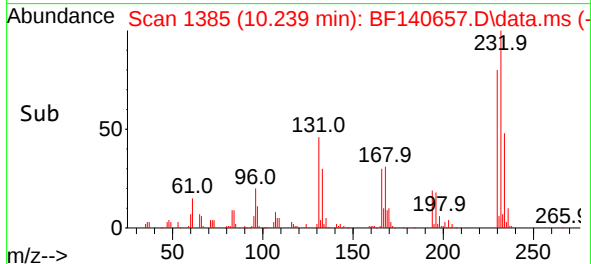
Instrument :
BNA_F
ClientSampleId :
PB165255BS



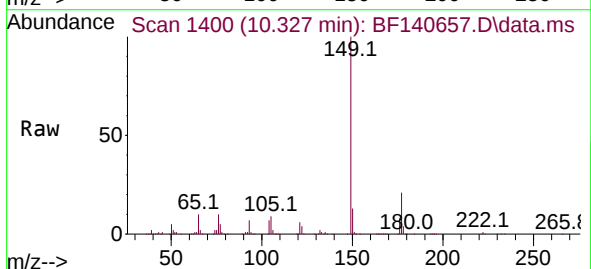
Tgt Ion:232 Resp: 12511
Ion Ratio Lower Upper
232 100
131 46.5 39.6 59.4
130 2.4 1.9 2.9
166 29.0 25.3 37.9

Manual Integrations
APPROVED

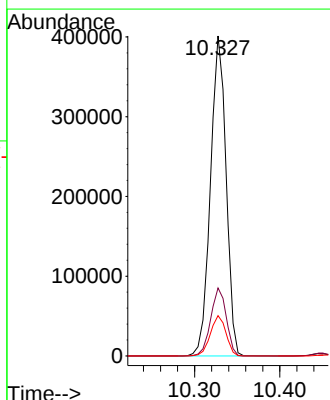
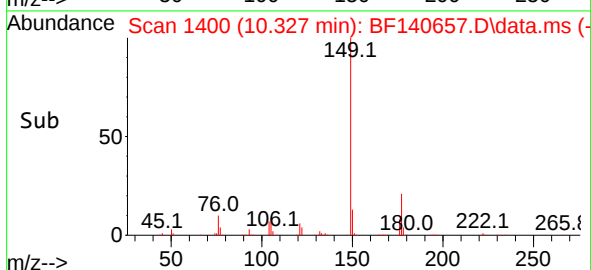
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

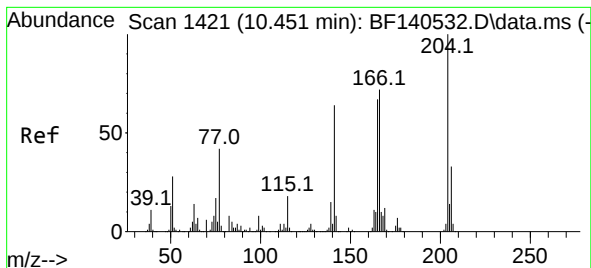


#60
Diethylphthalate
Concen: 49.739 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:149 Resp: 511108
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.6 10.1 15.1





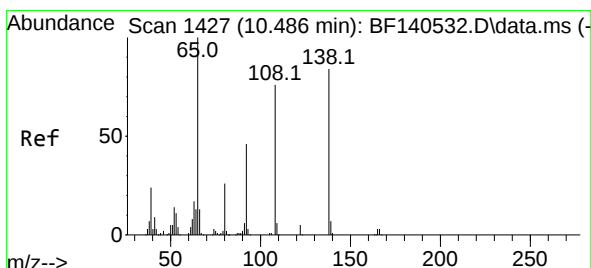
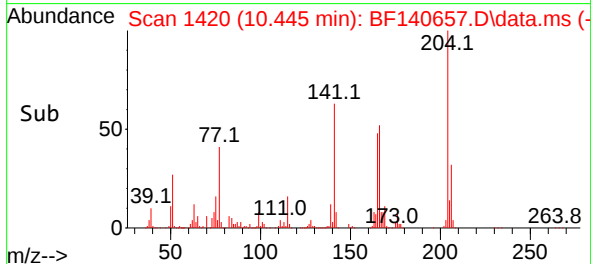
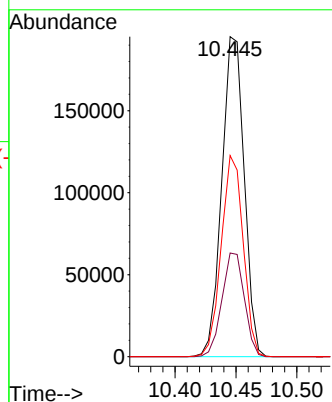
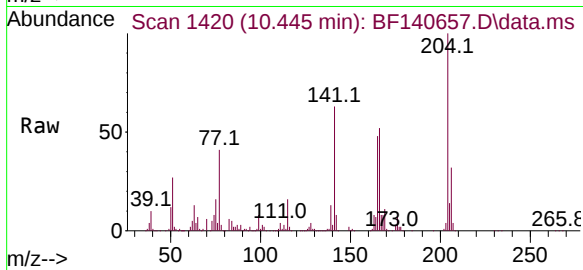
#61
4-Chlorophenyl-phenylether
Concen: 50.024 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :
BNA_F
ClientSampleId :
PB165255BS

Tgt Ion:204 Resp: 25068
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.8 51.1 76.7

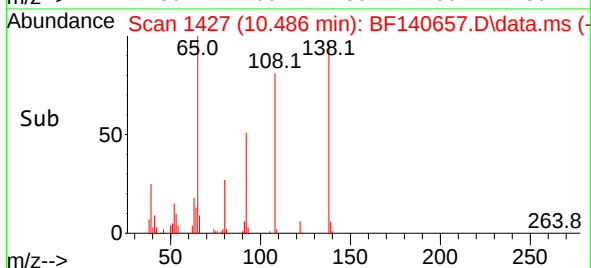
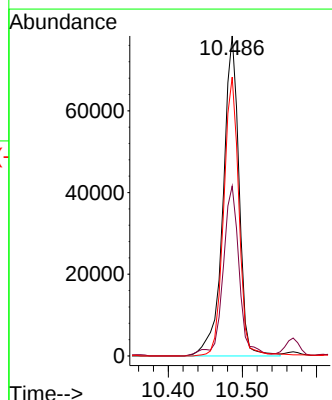
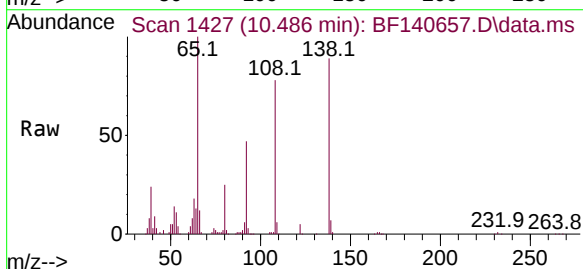
Manual Integrations
APPROVED

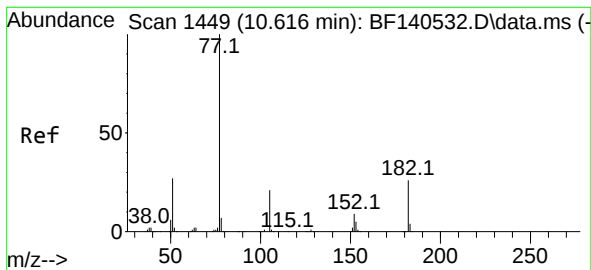
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 49.841 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

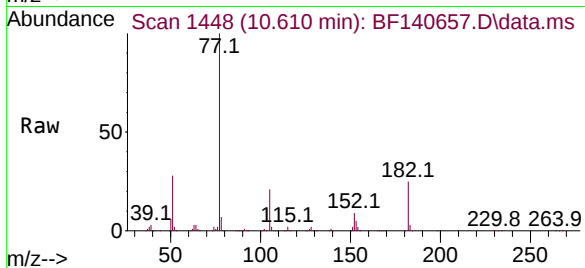
Tgt Ion:138 Resp: 117271
Ion Ratio Lower Upper
138 100
92 53.1 34.5 74.5
108 87.2 70.6 110.6





#63
Azobenzene
Concen: 50.120 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

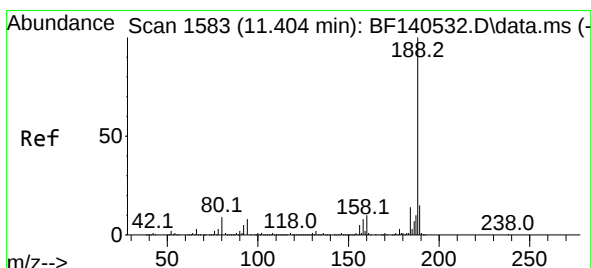
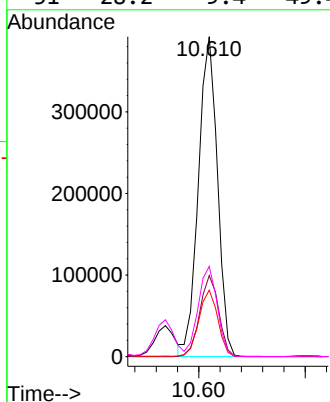
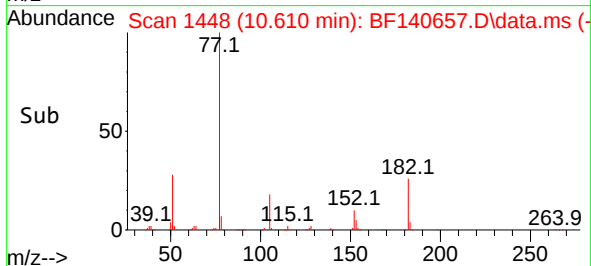
Instrument :
BNA_F
ClientSampleId :
PB165255BS



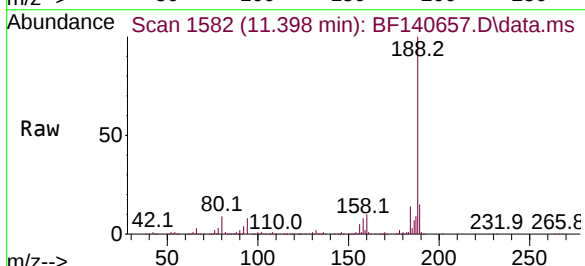
Tgt Ion: 77 Resp: 48772
Ion Ratio Lower Upper
77 100
182 25.3 5.3 45.3
105 20.8 0.3 40.3
51 28.2 9.4 49.4

Manual Integrations
APPROVED

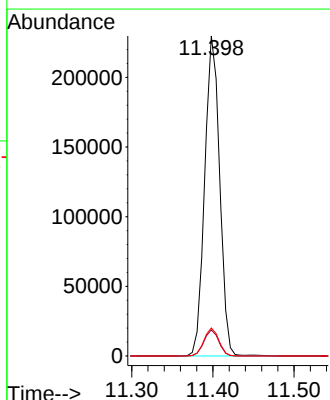
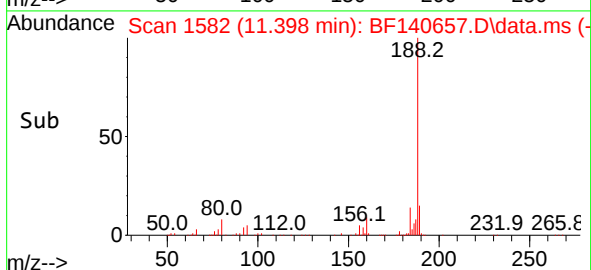
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

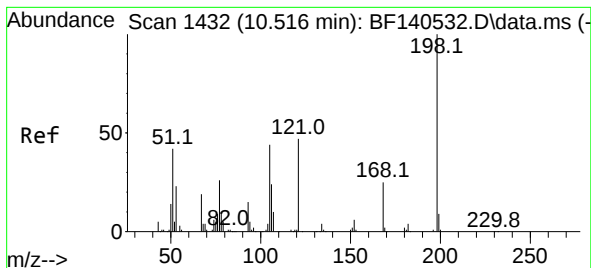


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:188 Resp: 293390
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.9 10.3





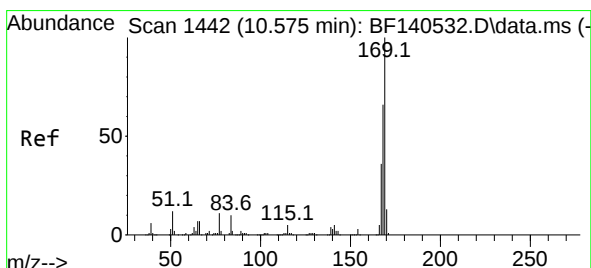
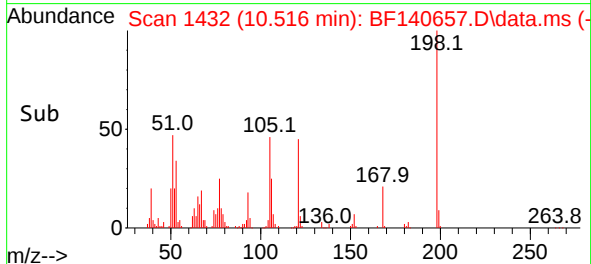
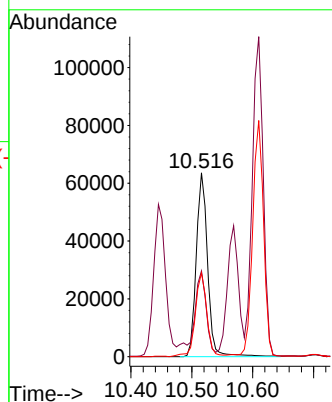
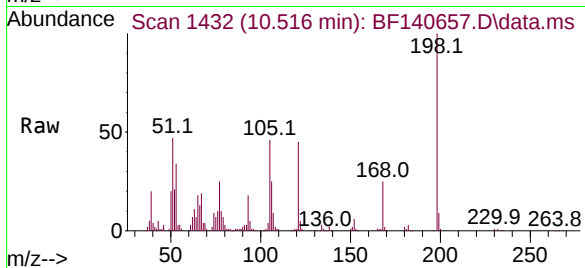
#65
4,6-Dinitro-2-methylphenol
Concen: 55.046 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :
BNA_F
ClientSampleId :
PB165255BS

Tgt Ion:198 Resp: 8252
Ion Ratio Lower Upper
198 100
51 46.7 29.4 69.4
105 45.6 25.4 65.4

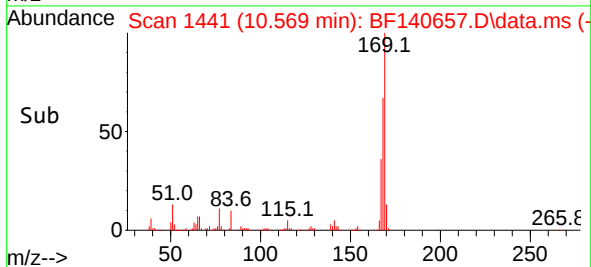
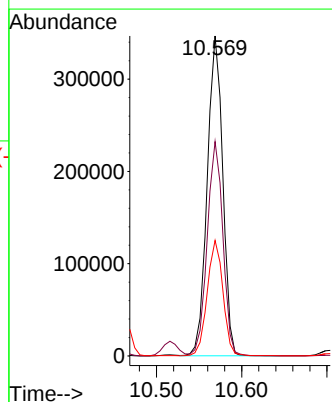
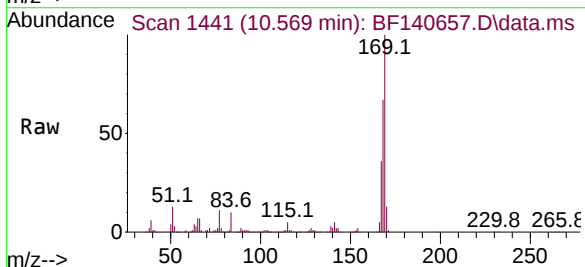
Manual Integrations
APPROVED

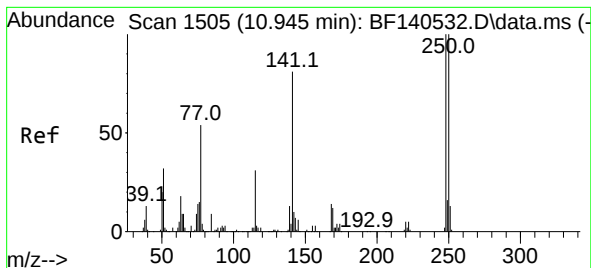
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 50.605 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:169 Resp: 439064
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.934 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

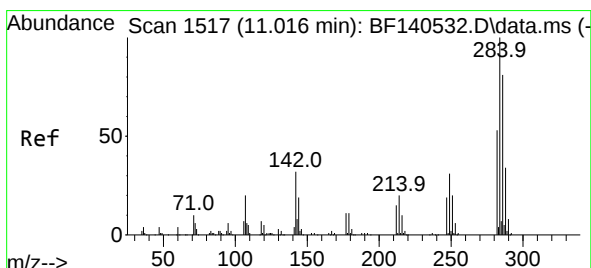
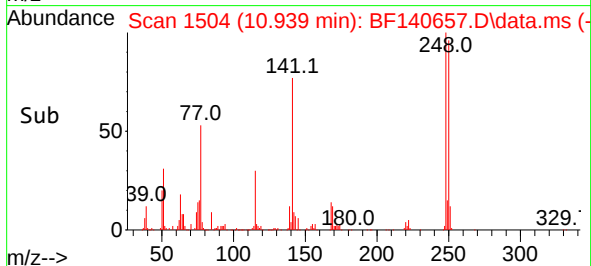
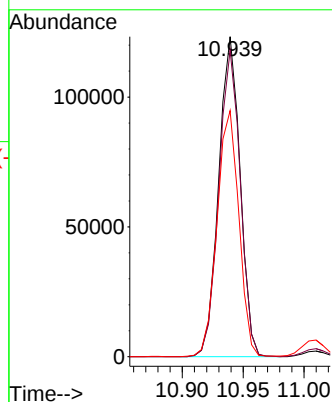
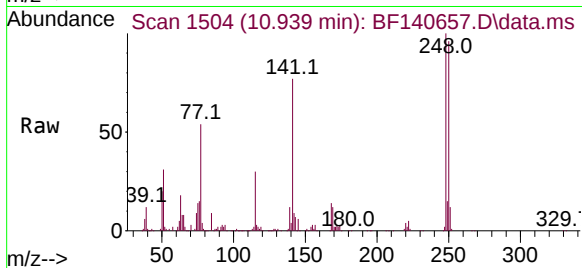
ClientSampleId :

PB165255BS

Tgt Ion:248 Resp: 15087
Ion Ratio Lower Upper
248 100
250 95.7 79.8 119.8
141 76.9 64.7 97.1

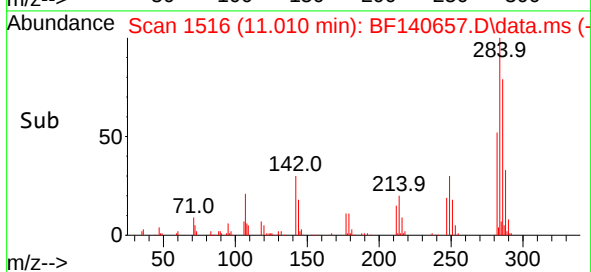
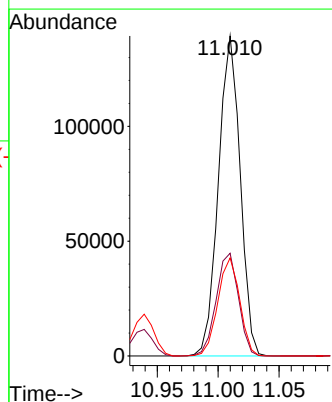
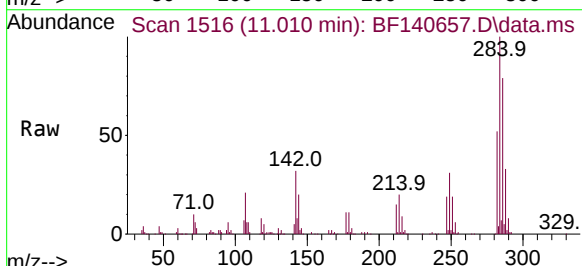
Manual Integrations
APPROVED

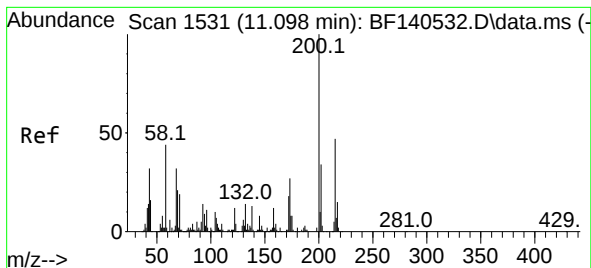
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 49.540 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:284 Resp: 173319
Ion Ratio Lower Upper
284 100
142 32.1 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 60.133 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140657.D

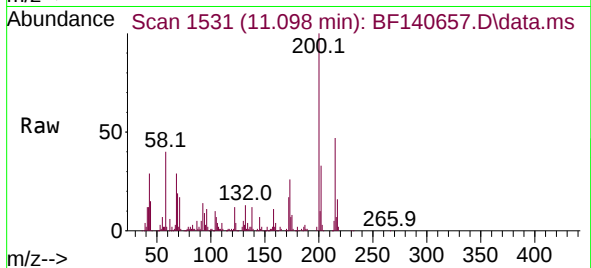
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS



Tgt Ion:200 Resp: 146773

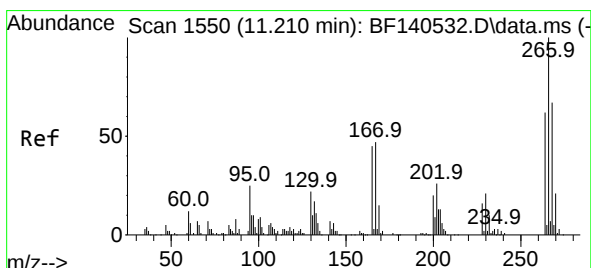
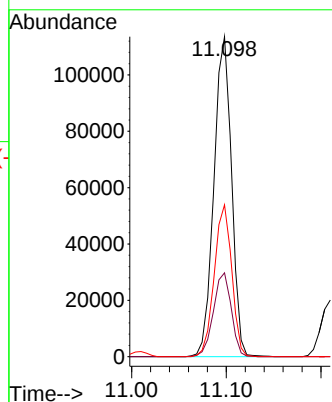
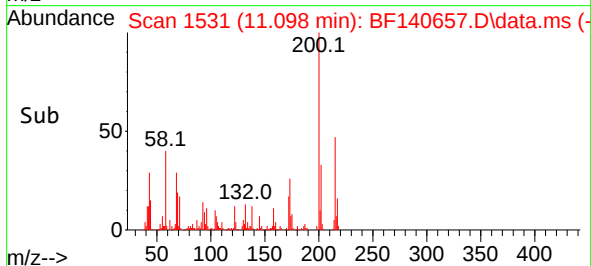
Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.0	47.0
215	47.5	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 96.619 ng

RT: 11.210 min Scan# 1550

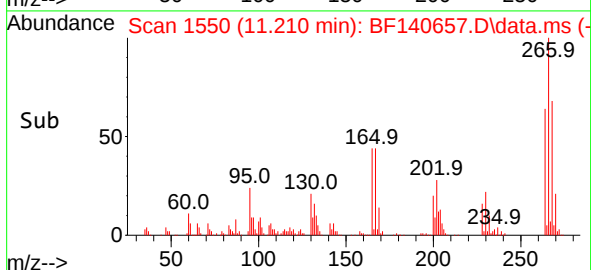
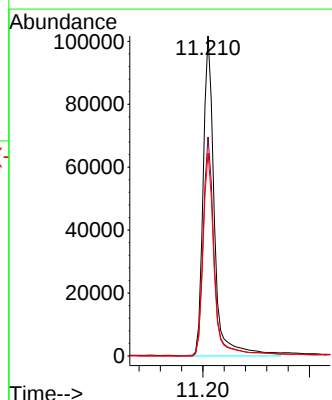
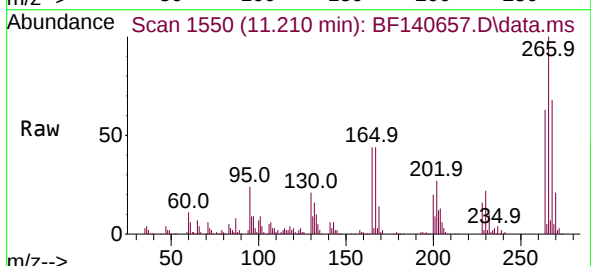
Delta R.T. -0.000 min

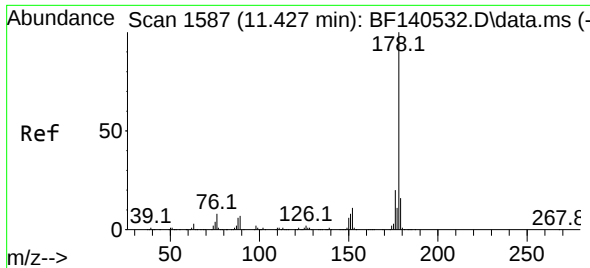
Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Tgt Ion:266 Resp: 148774

Ion	Ratio	Lower	Upper
266	100		
268	68.4	53.7	80.5
264	63.4	49.8	74.8





#71
Phenanthrene
Concen: 51.540 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

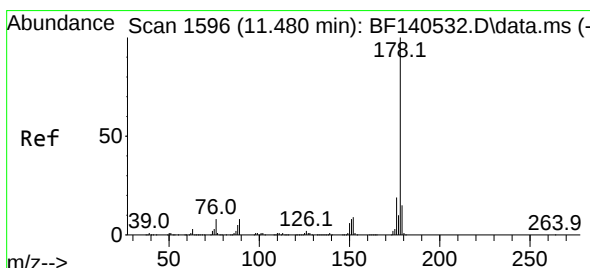
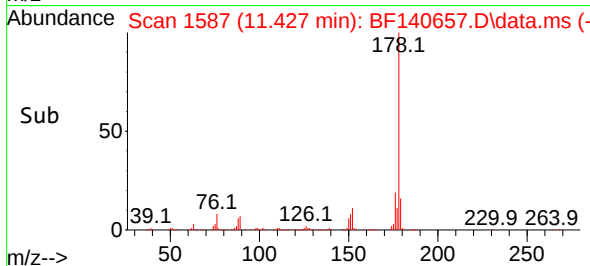
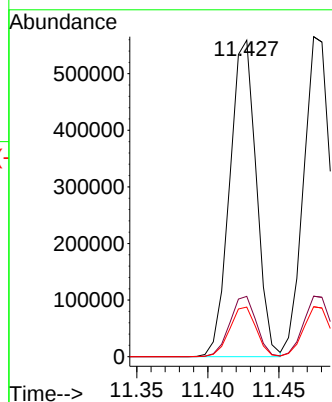
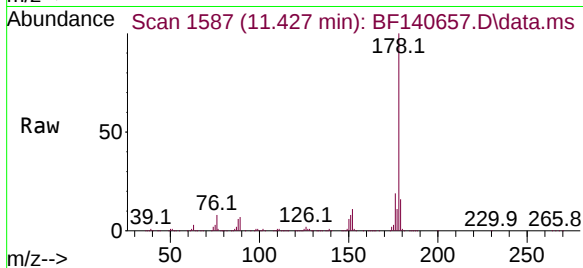
ClientSampleId :

PB165255BS

Tgt Ion:178 Resp: 726860
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.7 12.4 18.6

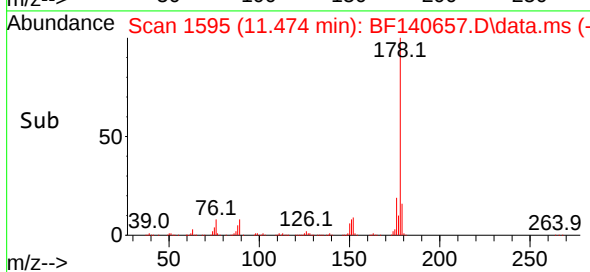
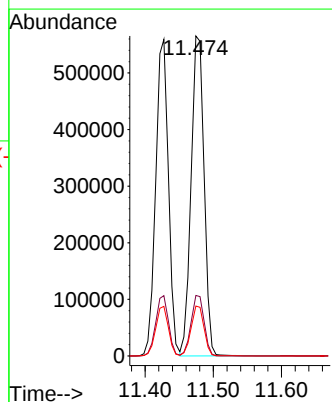
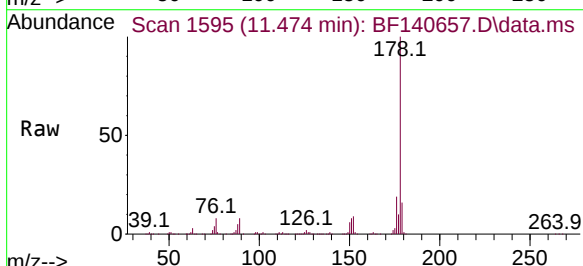
Manual Integrations
APPROVED

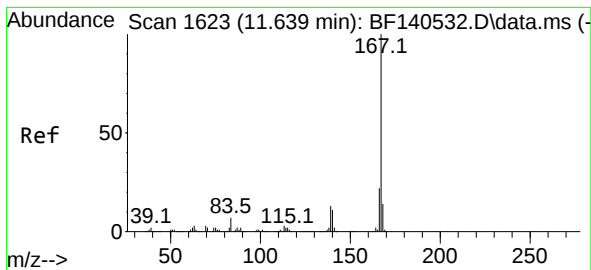
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#72
Anthracene
Concen: 53.935 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:178 Resp: 744059
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 51.682 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

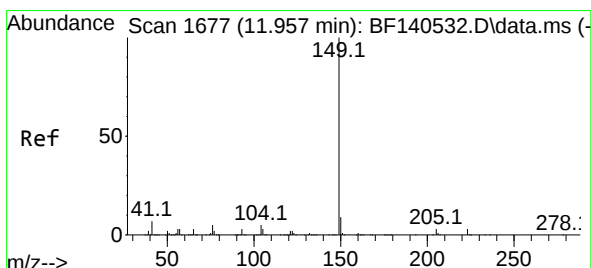
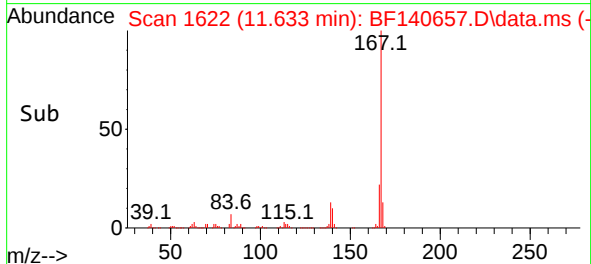
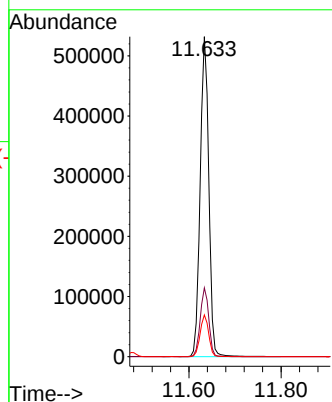
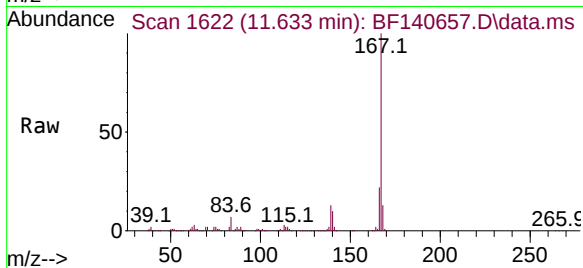
Tgt Ion:167	Resp: 68589
Ion Ratio	Lower Upper
167	100
166	21.5 17.2 25.8
139	13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#74

Di-n-butylphthalate

Concen: 50.367 ng

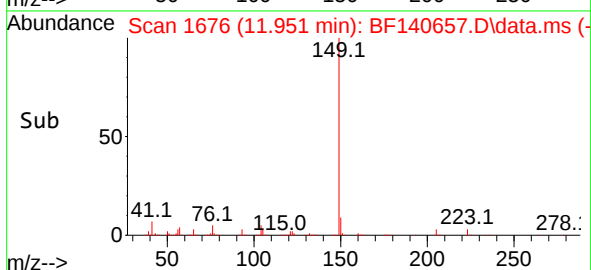
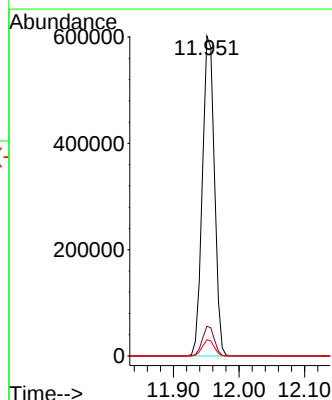
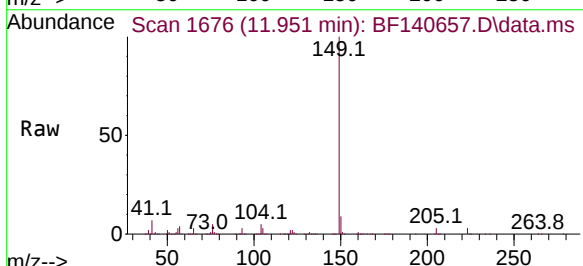
RT: 11.951 min Scan# 1676

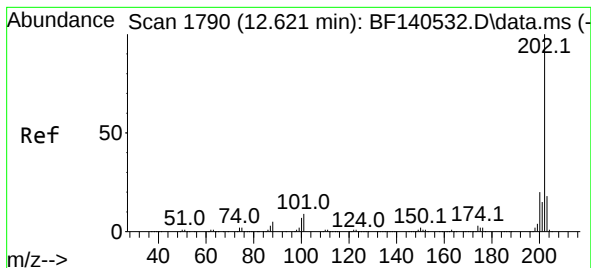
Delta R.T. -0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Tgt Ion:149	Resp: 771697
Ion Ratio	Lower Upper
149	100
150	9.3 7.5 11.3
104	5.1 4.1 6.1





#75

Fluoranthene

Concen: 53.003 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140657.D

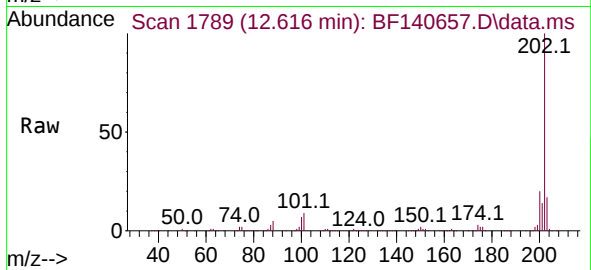
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS



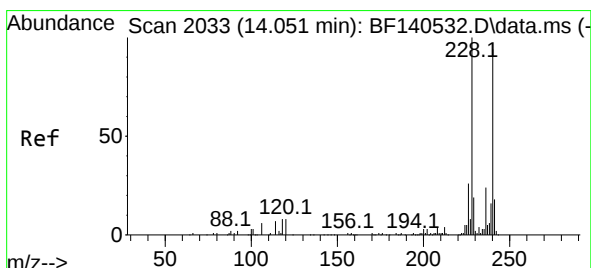
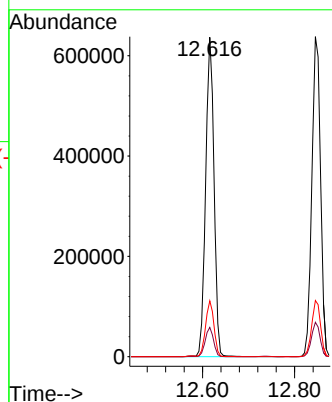
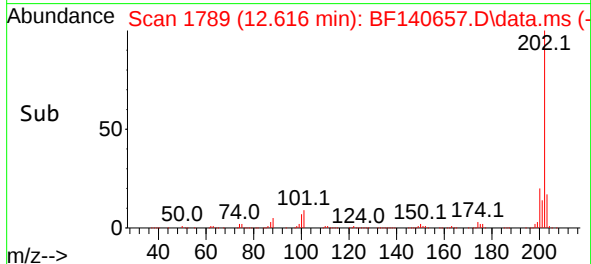
Tgt Ion:	202	Resp:	811598
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	28.9
203	17.5	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#76

Chrysene-d12

Concen: 20.000 ng

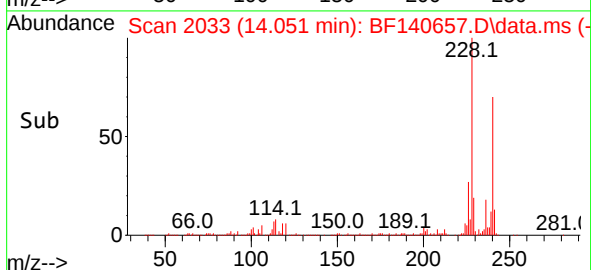
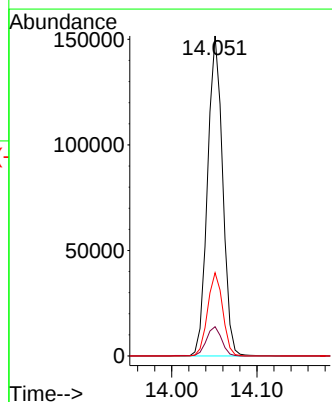
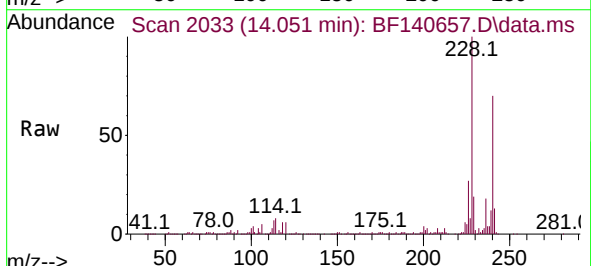
RT: 14.051 min Scan# 2033

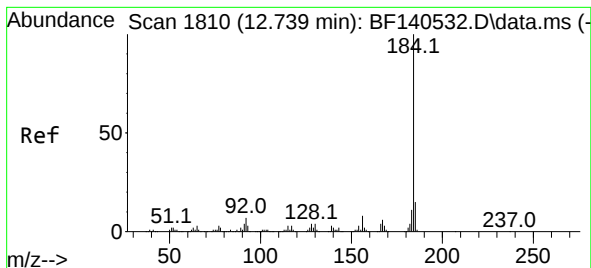
Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

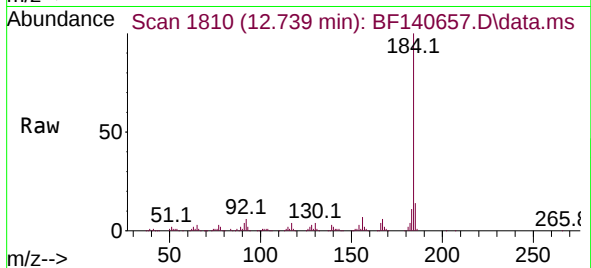
Tgt Ion:	240	Resp:	186758
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.3	10.9
236	26.0	20.6	31.0





#77
Benzidine
Concen: 37.874 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

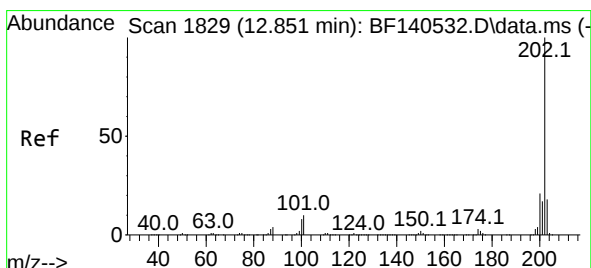
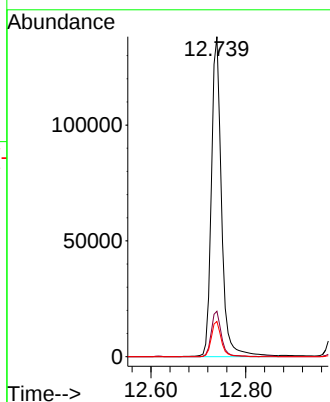
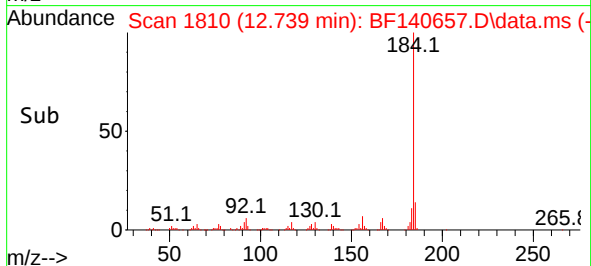
Instrument :
BNA_F
ClientSampleId :
PB165255BS



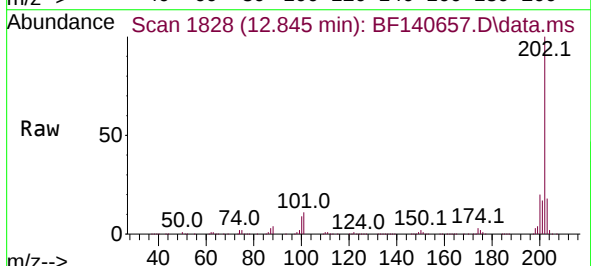
Tgt Ion:184 Resp: 20565
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.8 13.2

Manual Integrations
APPROVED

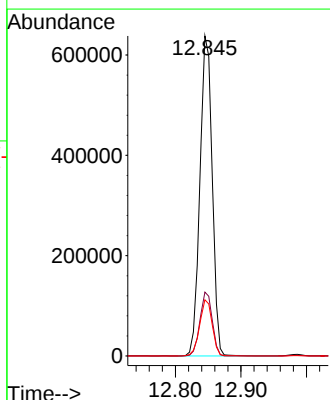
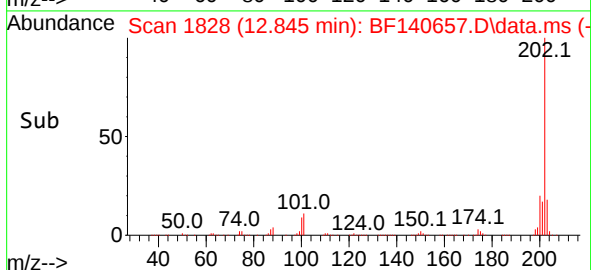
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

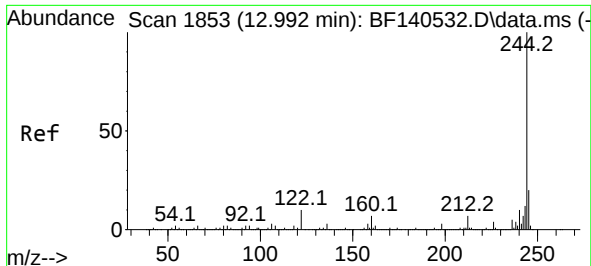


#78
Pyrene
Concen: 48.293 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:202 Resp: 833923
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.6 14.2 21.4





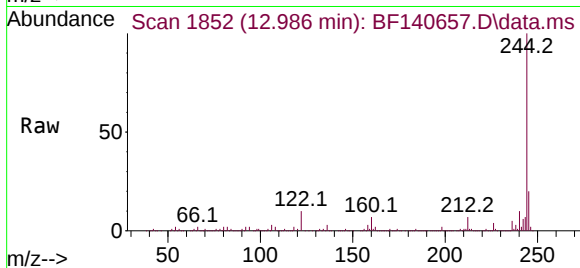
#79
 Terphenyl-d14
 Concen: 91.819 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140657.D
 Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS



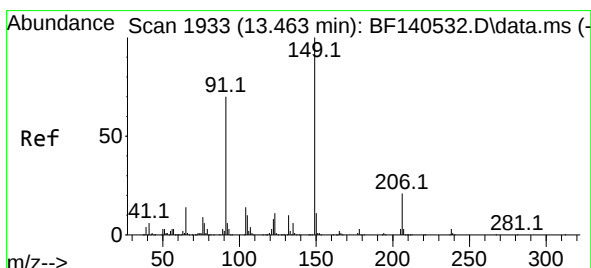
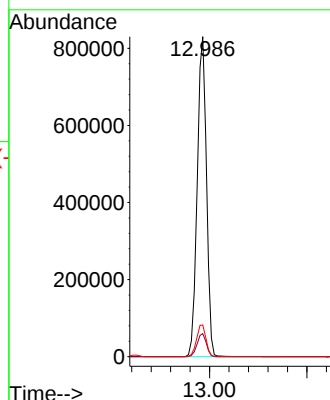
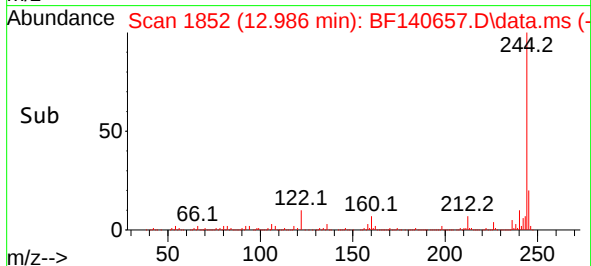
Tgt Ion:244 Resp: 1101258
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.9 8.0 12.0

Manual Integrations

APPROVED

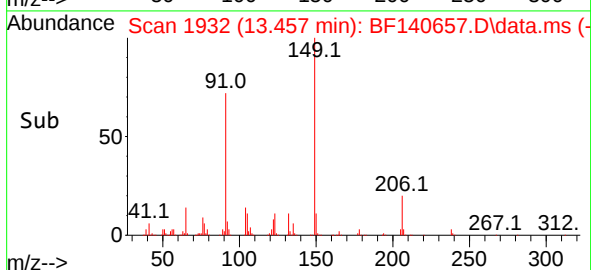
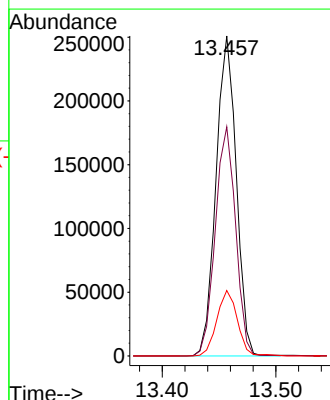
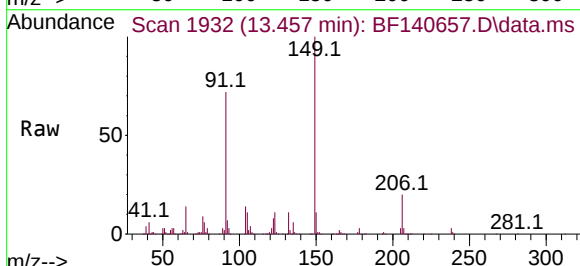
Reviewed By :Yogesh Patel 11/29/2024

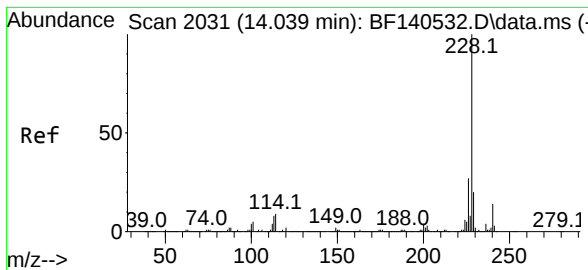
Supervised By :mohammad ahmed 11/29/2024



#80
 Butylbenzylphthalate
 Concen: 50.013 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140657.D
 Acq: 27 Nov 2024 09:38

Tgt Ion:149 Resp: 311115
 Ion Ratio Lower Upper
 149 100
 91 71.6 56.2 84.2
 206 20.4 16.4 24.6





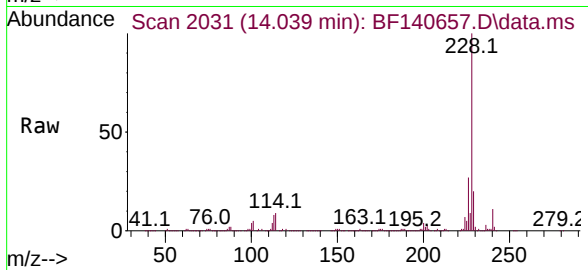
#81
Benzo(a)anthracene
Concen: 51.046 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS



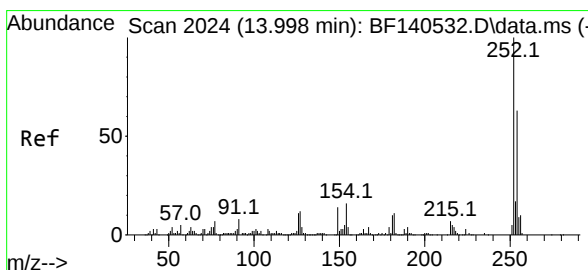
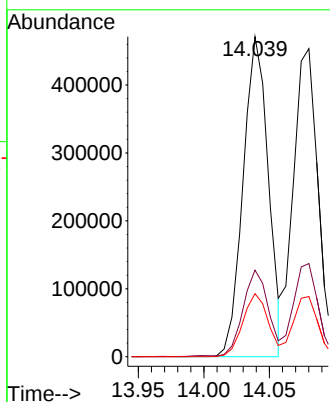
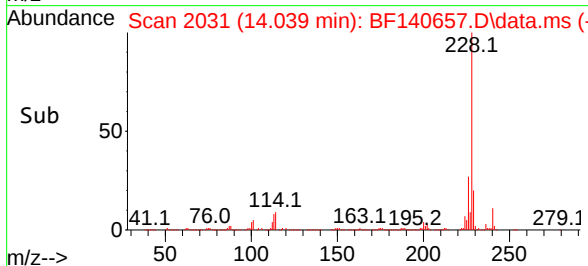
Tgt Ion:228 Resp: 631063
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

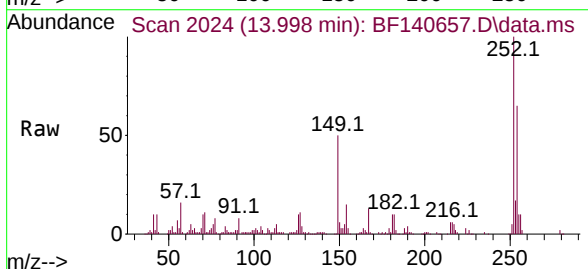
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

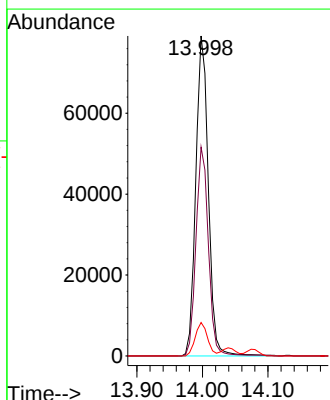
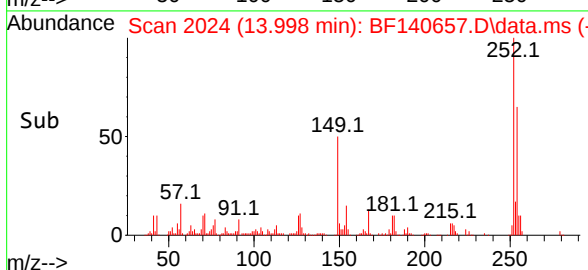
Supervised By :mohammad ahmed 11/29/2024

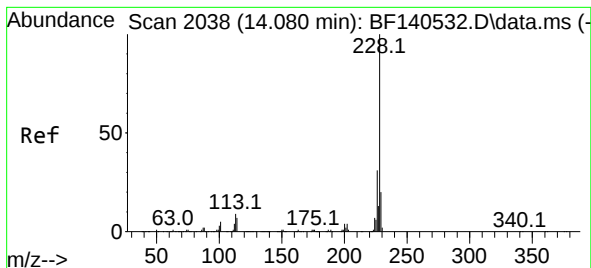


#82
3,3'-Dichlorobenzidine
Concen: 28.461 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38



Tgt Ion:252 Resp: 105639
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 52.319 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

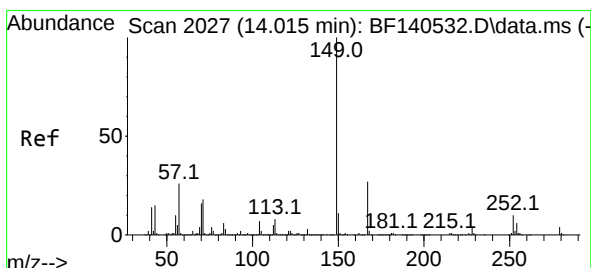
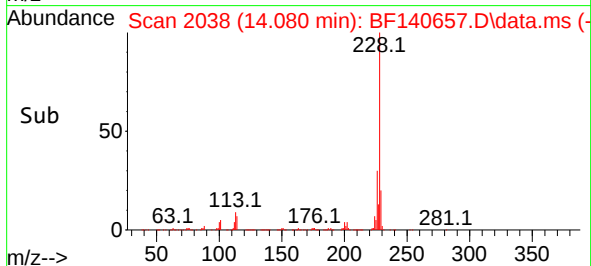
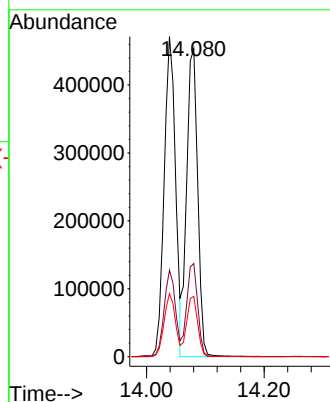
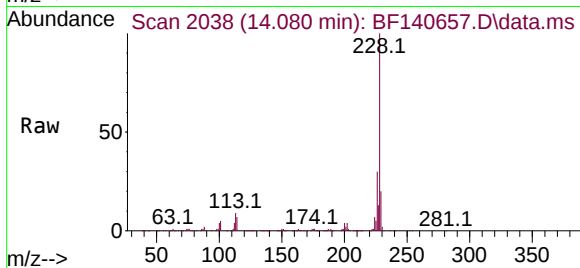
Tgt Ion:	228	Resp:	591424
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	19.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.574 ng

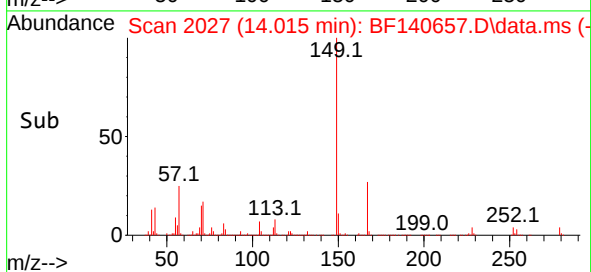
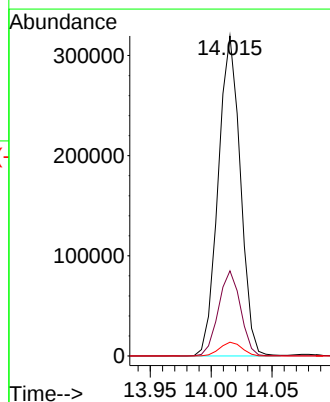
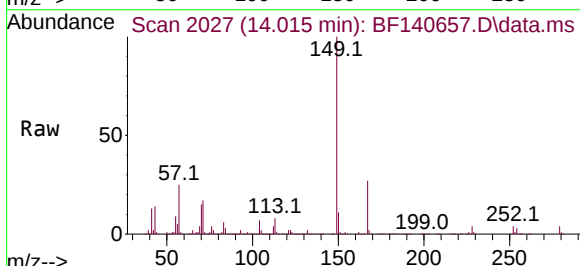
RT: 14.015 min Scan# 2027

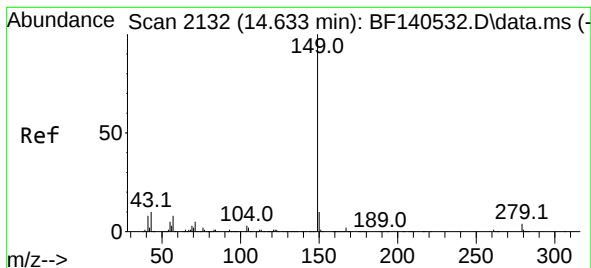
Delta R.T. -0.000 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Tgt Ion:	149	Resp:	405104
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.2	31.8
279	4.3	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 54.412 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

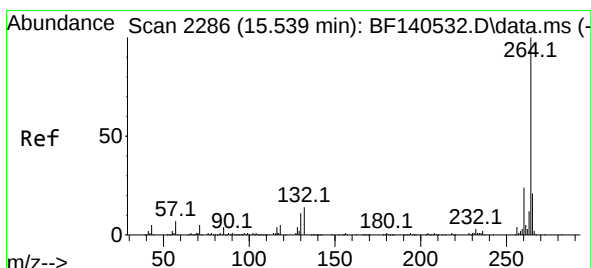
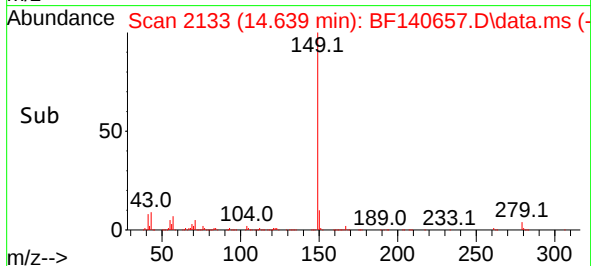
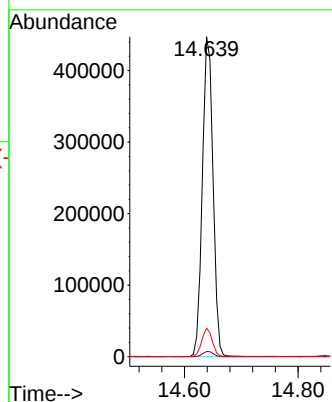
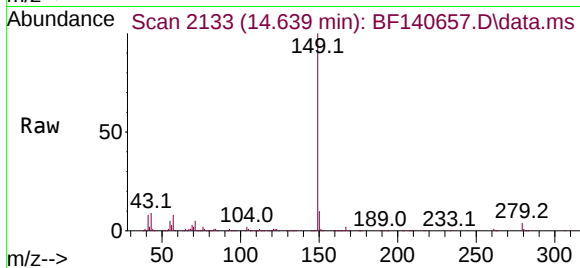
ClientSampleId :

PB165255BS

Tgt Ion:149 Resp: 58409
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.7 11.5

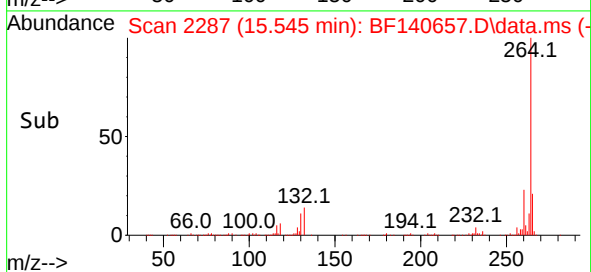
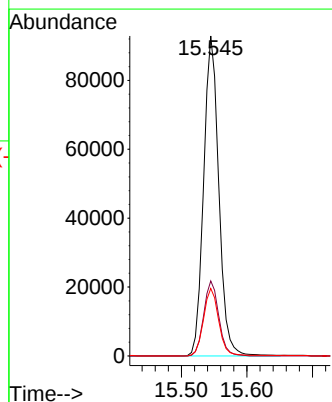
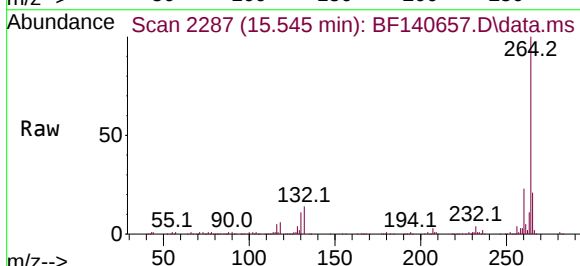
Manual Integrations
APPROVED

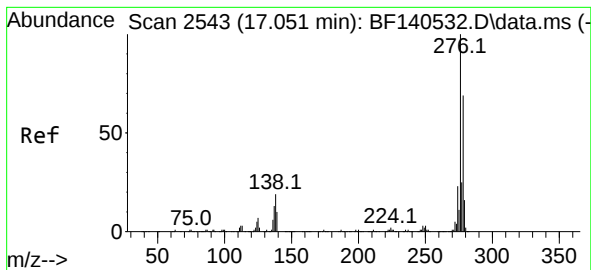
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:264 Resp: 149691
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.473 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

Tgt Ion:276 Resp: 49237

Ion Ratio Lower Upper

276 100

138 19.8 15.5 23.3

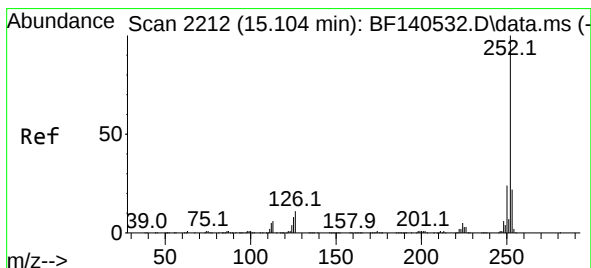
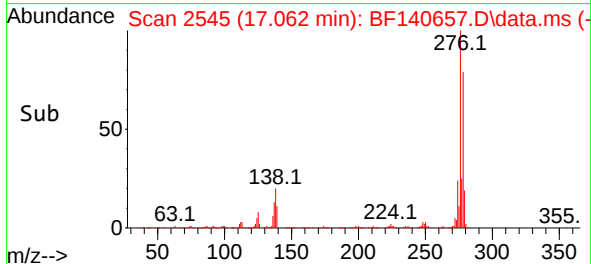
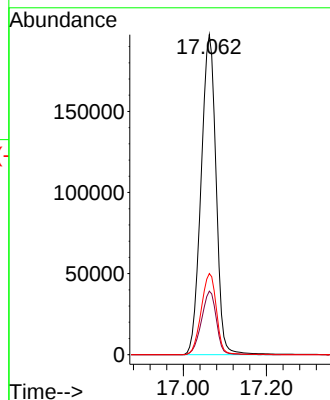
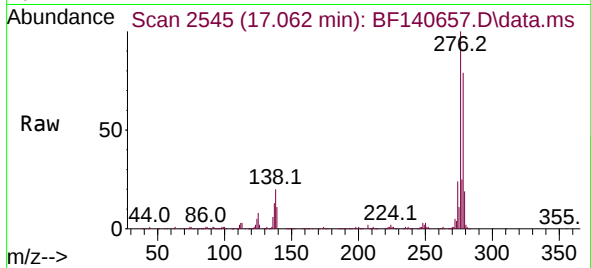
277 25.8 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#88

Benzo(b)fluoranthene

Concen: 47.506 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

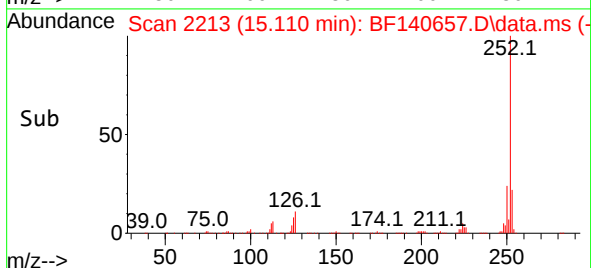
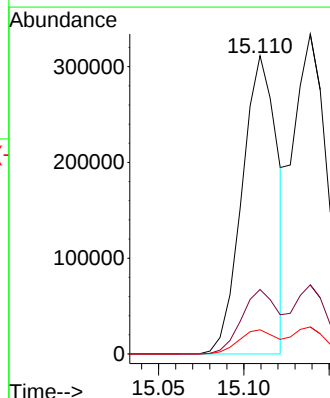
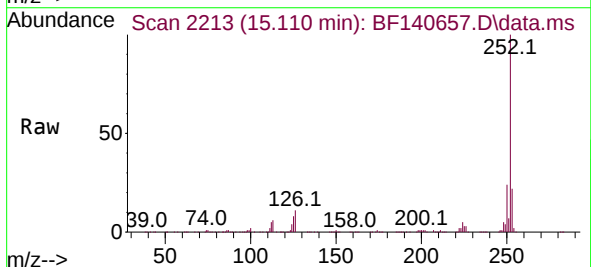
Tgt Ion:252 Resp: 446670

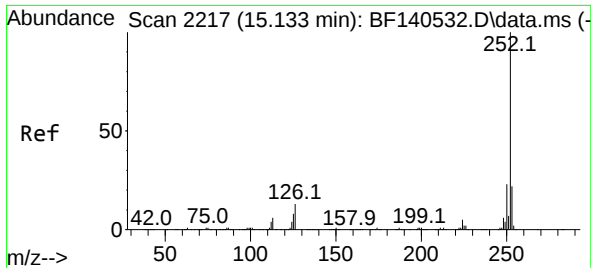
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 8.1 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 56.346 ng
RT: 15.139 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

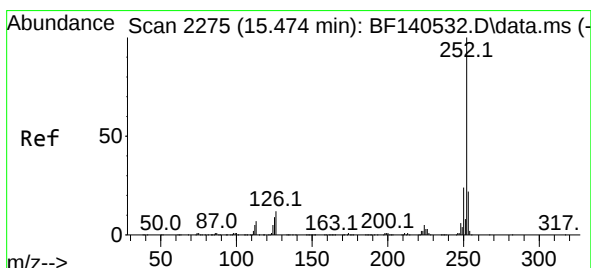
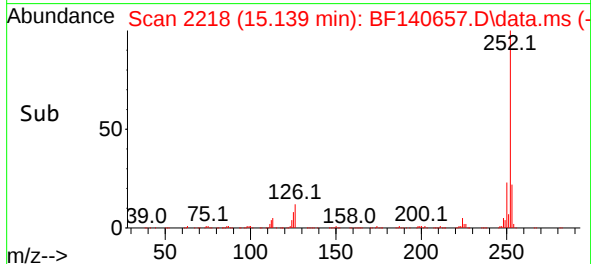
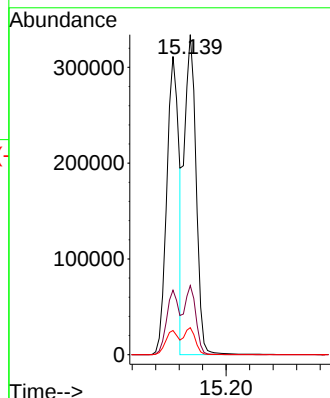
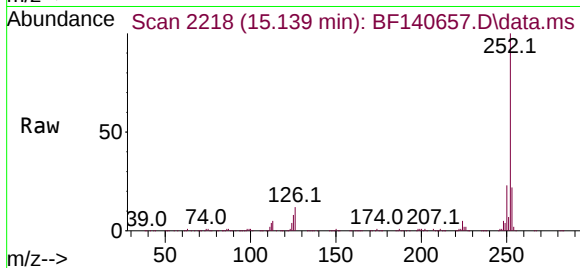
PB165255BS

Tgt Ion:252 Resp: 46360
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.5 6.5 9.7

Manual Integrations

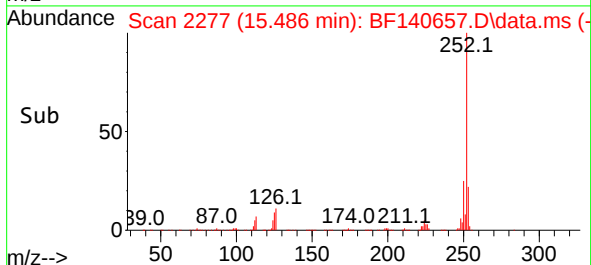
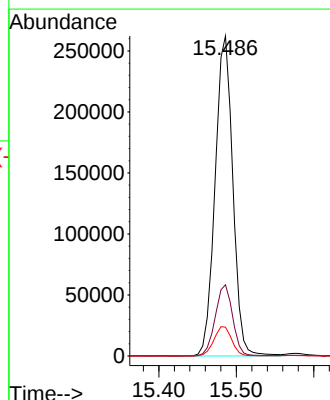
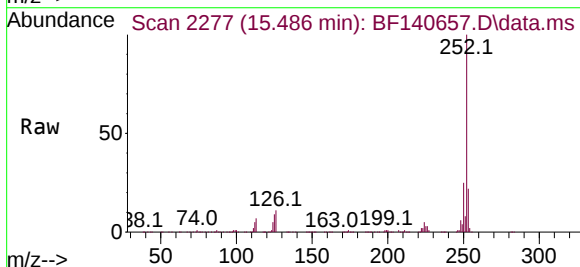
APPROVED

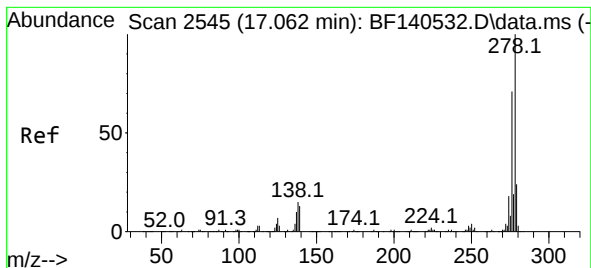
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#90
Benzo(a)pyrene
Concen: 54.448 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF140657.D
Acq: 27 Nov 2024 09:38

Tgt Ion:252 Resp: 416245
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.918 ng

RT: 17.074 min Scan# 2545

Delta R.T. 0.012 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Instrument :

BNA_F

ClientSampleId :

PB165255BS

Tgt Ion:278 Resp: 398800

Ion Ratio Lower Upper

278 100

139 12.3 10.2 15.4

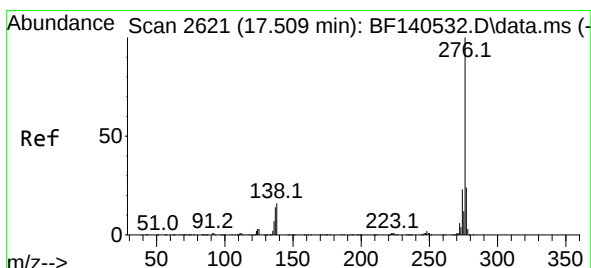
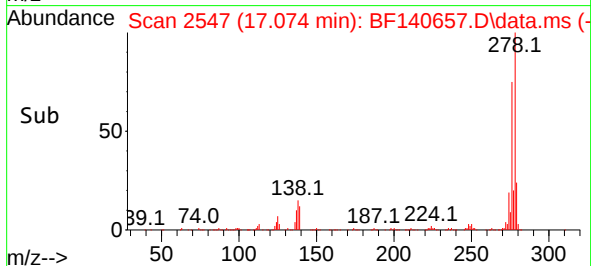
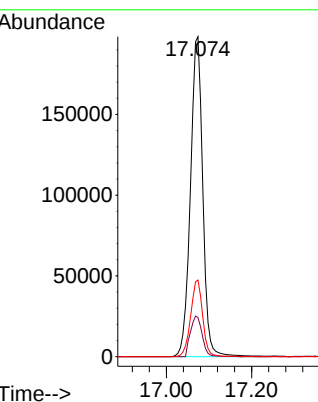
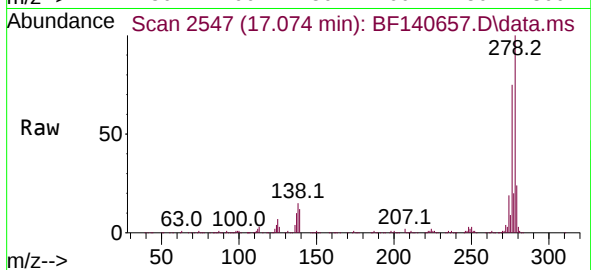
279 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#92

Benzo(g,h,i)perylene

Concen: 45.661 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.006 min

Lab File: BF140657.D

Acq: 27 Nov 2024 09:38

Tgt Ion:276 Resp: 372246

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 17.2 13.2 19.8

