

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140602.D
 Acq On : 25 Nov 2024 14:54
 Operator : RC/JU
 Sample : PB165185BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165185BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 15:18:50 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	96352	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364531	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	202840	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	378422	20.000	ng	0.00
76) Chrysene-d12	14.057	240	214805	20.000	ng	0.00
86) Perylene-d12	15.563	264	181047	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	824169	145.945	ng	0.01
7) Phenol-d6	6.516	99	1082933	145.056	ng	0.00
23) Nitrobenzene-d5	7.434	82	703954	98.777	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	330908	152.535	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1373478	100.888	ng	0.00
79) Terphenyl-d14	12.986	244	1451236	105.201	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	106870	45.011	ng	98
3) Pyridine	3.510	79	267086	51.126	ng	98
4) n-Nitrosodimethylamine	3.463	42	150559	49.036	ng	94
6) Aniline	6.534	93	295466	56.229	ng	# 85
8) 2-Chlorophenol	6.663	128	317626	52.280	ng	95
9) Benzaldehyde	6.422	77	150539	38.090	ng	99
10) Phenol	6.528	94	393473	51.608	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	301533	51.683	ng	99
12) 1,3-Dichlorobenzene	6.810	146	334820	49.046	ng	98
13) 1,4-Dichlorobenzene	6.887	146	332661	48.126	ng	99
14) 1,2-Dichlorobenzene	7.040	146	319100	49.266	ng	99
15) Benzyl Alcohol	7.016	79	291357	52.625	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	367885	53.374	ng	89
17) 2-Methylphenol	7.128	107	256507	52.743	ng	97
18) Hexachloroethane	7.381	117	125886	48.762	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	226598	51.357	ng	99
20) 3+4-Methylphenols	7.281	107	327859	52.448	ng	98
22) Acetophenone	7.281	105	436535	49.120	ng	99
24) Nitrobenzene	7.457	77	347664	47.201	ng	97
25) Isophorone	7.692	82	616291	51.847	ng	100
26) 2-Nitrophenol	7.769	139	170493	52.232	ng	97
27) 2,4-Dimethylphenol	7.810	122	255255	65.359	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	374731	51.748	ng	100
29) 2,4-Dichlorophenol	8.016	162	269245	52.028	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	285092	48.250	ng	99
31) Naphthalene	8.175	128	931241	49.596	ng	99
32) Benzoic acid	7.939	122	158145	46.752	ng	98
33) 4-Chloroaniline	8.222	127	149268	26.552	ng	100
34) Hexachlorobutadiene	8.287	225	186341	47.613	ng	99
35) Caprolactam	8.598	113	83954m	52.422	ng	
36) 4-Chloro-3-methylphenol	8.716	107	300428	51.851	ng	98
37) 2-Methylnaphthalene	8.863	142	616026	51.654	ng	99
38) 1-Methylnaphthalene	8.963	142	568231	48.609	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	294607	49.613	ng	99
41) Hexachlorocyclopentadiene	9.016	237	279514	197.615	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	190948	51.246	ng	99

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 Response via : Initial Calibration

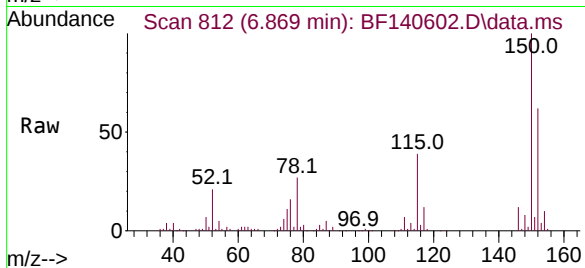
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	205100	50.718	ng	98
46) 1,1'-Biphenyl	9.328	154	771619	50.951	ng	99
47) 2-Chloronaphthalene	9.357	162	567533	49.458	ng	99
48) 2-Nitroaniline	9.457	65	189674	51.496	ng	96
49) Acenaphthylene	9.769	152	941395	54.296	ng	100
50) Dimethylphthalate	9.633	163	696702	52.153	ng	100
51) 2,6-Dinitrotoluene	9.698	165	151066	49.861	ng	93
52) Acenaphthene	9.945	154	575593	52.248	ng	99
53) 3-Nitroaniline	9.869	138	99412	33.549	ng	96
54) 2,4-Dinitrophenol	9.981	184	142196	89.583	ng	97
55) Dibenzofuran	10.116	168	863010	51.358	ng	99
56) 4-Nitrophenol	10.039	139	201320	99.619	ng	96
57) 2,4-Dinitrotoluene	10.104	165	204442	50.773	ng	97
58) Fluorene	10.457	166	679614	50.387	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	174306	56.085	ng	95
60) Diethylphthalate	10.328	149	694819	51.192	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	341715	51.625	ng	98
62) 4-Nitroaniline	10.486	138	156371	50.315	ng	94
63) Azobenzene	10.610	77	664742	51.717	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	106204	54.921	ng	97
66) n-Nitrosodiphenylamine	10.569	169	582446	52.046	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	201240	51.637	ng	98
68) Hexachlorobenzene	11.010	284	227145	50.336	ng	99
69) Atrazine	11.098	200	191164	60.721	ng	99
70) Pentachlorophenol	11.210	266	209352	105.410	ng	99
71) Phenanthrene	11.427	178	948413	52.138	ng	100
72) Anthracene	11.475	178	969448	54.483	ng	99
73) Carbazole	11.633	167	862251	50.372	ng	100
74) Di-n-butylphthalate	11.957	149	1032988	52.271	ng	99
75) Fluoranthene	12.616	202	1009425	51.110	ng	99
77) Benzidine	12.733	184	286583	45.888	ng	100
78) Pyrene	12.845	202	1020526	51.382	ng	99
80) Butylbenzylphthalate	13.457	149	391515	54.720	ng	98
81) Benzo(a)anthracene	14.045	228	761370	53.545	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	142346	33.343	ng	98
83) Chrysene	14.080	228	688817	52.978	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	501114	55.467	ng	99
85) Di-n-octyl phthalate	14.657	149	704947	57.095	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	608469	51.571	ng	98
88) Benzo(b)fluoranthene	15.127	252	573889	50.466	ng	99
89) Benzo(k)fluoranthene	15.157	252	547927	55.061	ng	100
90) Benzo(a)pyrene	15.498	252	523559	56.624	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	499837	51.729	ng	99
92) Benzo(g,h,i)perylene	17.527	276	453673	46.011	ng	98

(#) = 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: BF140602.D
Acq: 25 Nov 2024 14:54

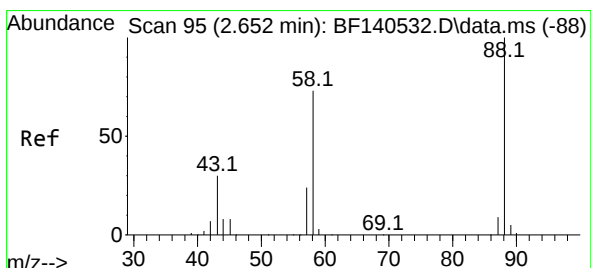
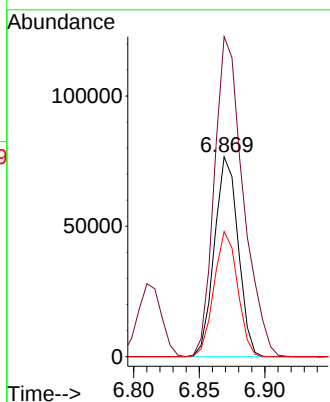
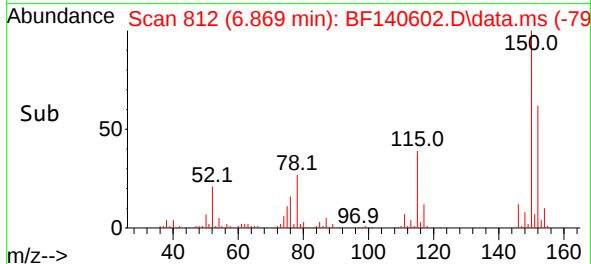
Instrument :
BNA_F
ClientSampleId :
PB165185BS



Tgt Ion:152 Resp: 96352
Ion Ratio Lower Upper
152 100
150 160.2 128.5 192.7
115 62.6 50.2 75.4

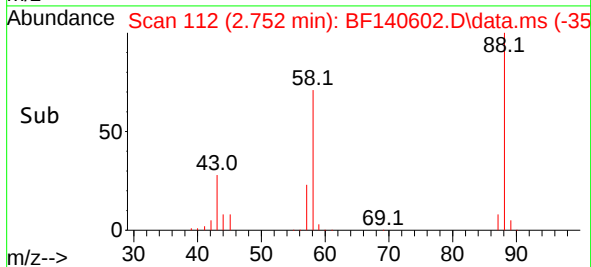
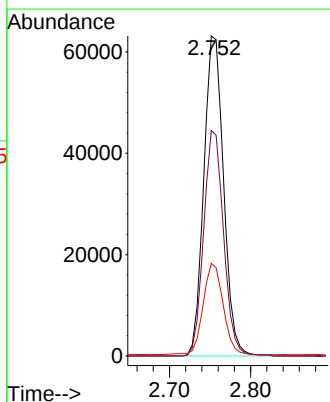
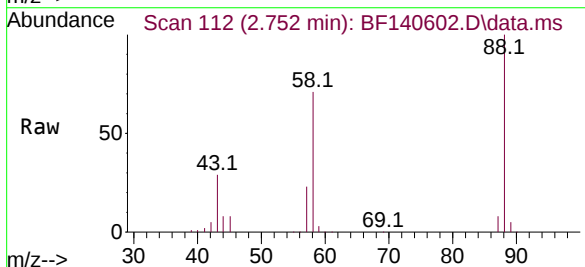
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 45.011 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.100 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion: 88 Resp: 106870
Ion Ratio Lower Upper
88 100
58 70.9 57.4 86.2
43 28.8 24.3 36.5





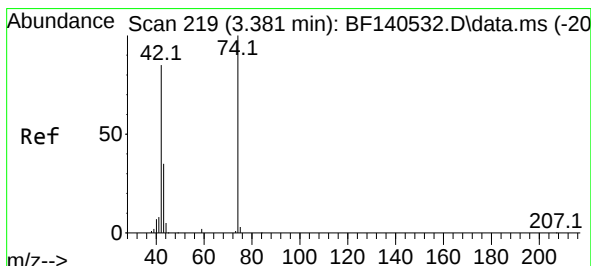
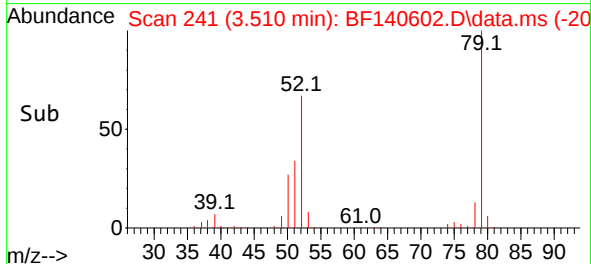
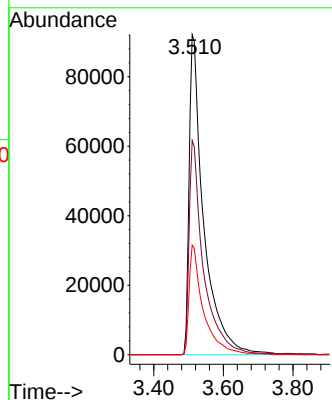
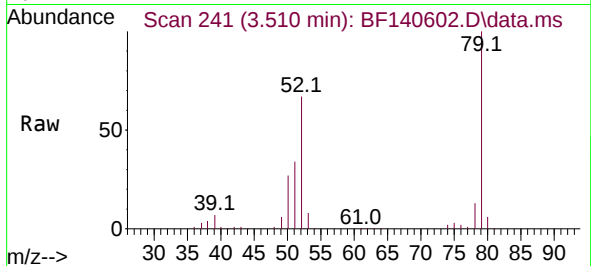
#3
Pyridine
Concen: 51.126 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.088 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :
BNA_F
ClientSampleId :
PB165185BS

Tgt Ion: 79 Resp: 267080
Ion Ratio Lower Upper
79 100
52 66.9 52.1 78.1
51 34.3 27.8 41.8

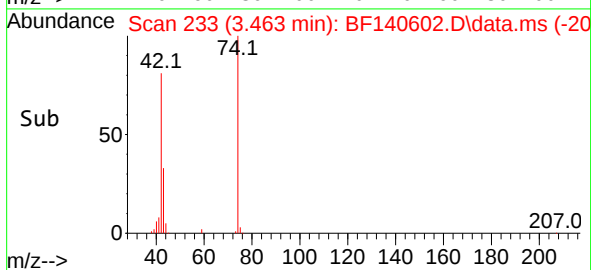
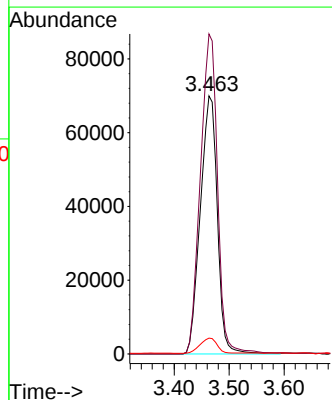
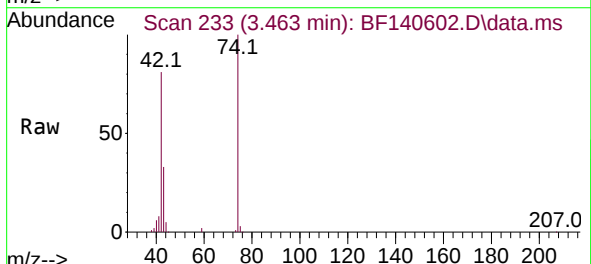
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 49.036 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.082 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion: 42 Resp: 150559
Ion Ratio Lower Upper
42 100
74 124.0 93.8 140.6
44 6.1 4.6 6.8





#5
2-Fluorophenol
Concen: 145.945 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

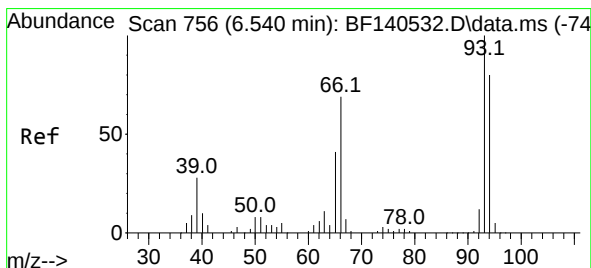
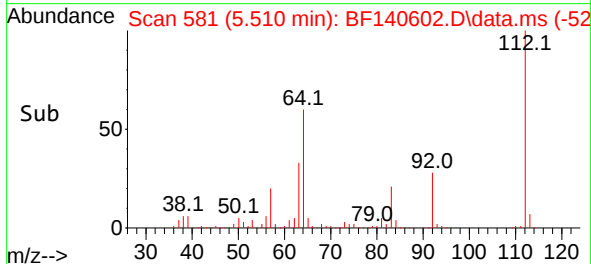
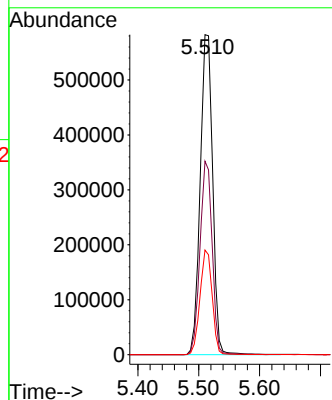
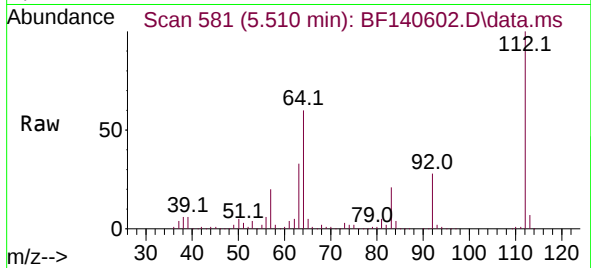
ClientSampleId :

PB165185BS

Tgt Ion:112 Resp: 824169
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 32.7 27.0 40.4

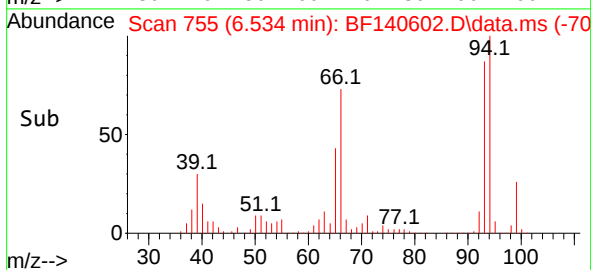
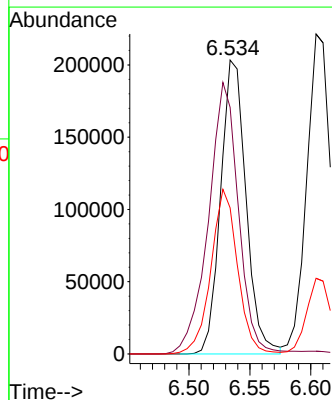
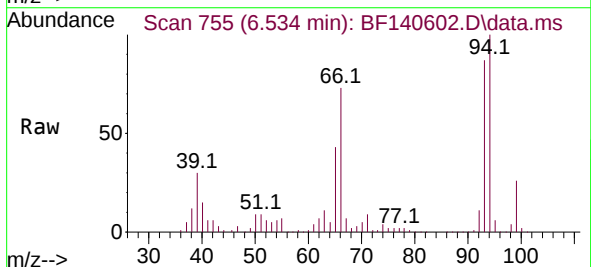
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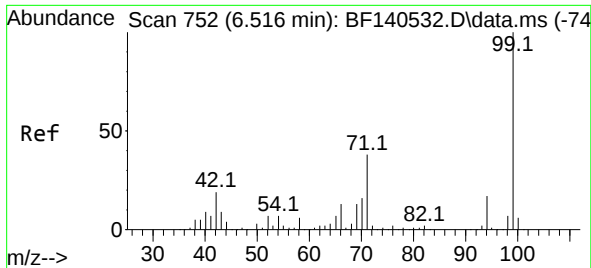
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 56.229 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion: 93 Resp: 295466
Ion Ratio Lower Upper
93 100
66 83.9 56.5 84.7
65 49.7 32.9 49.3#





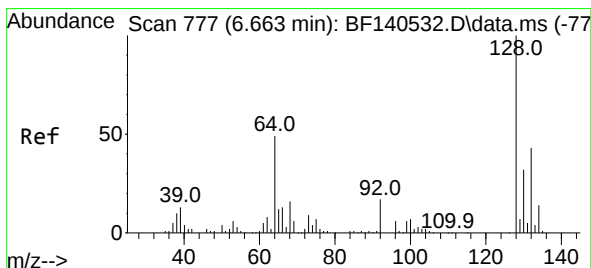
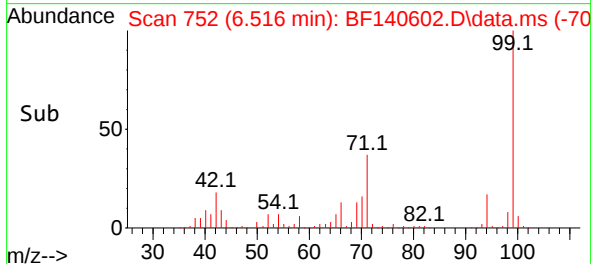
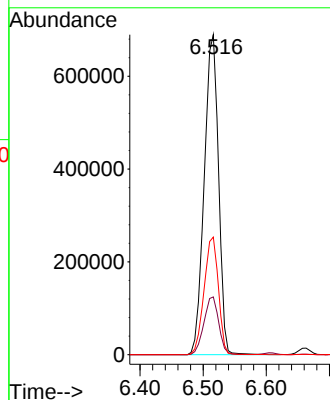
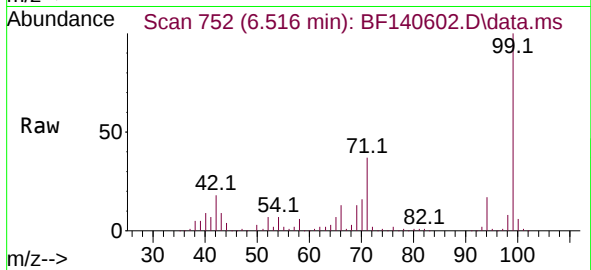
#7
Phenol-d6
Concen: 145.056 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :
BNA_F
ClientSampleId :
PB165185BS

Tgt Ion: 99 Resp: 108293
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.8 30.6 46.0

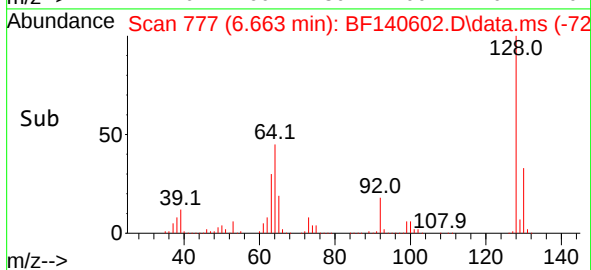
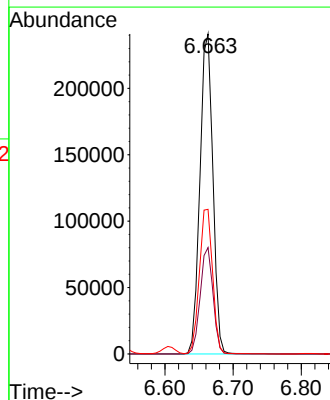
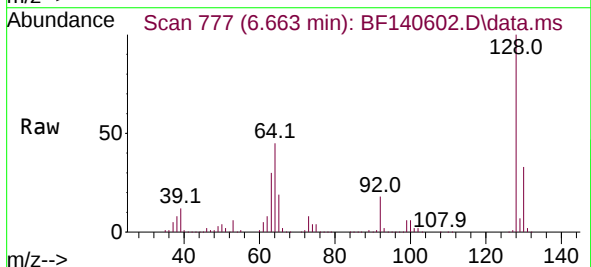
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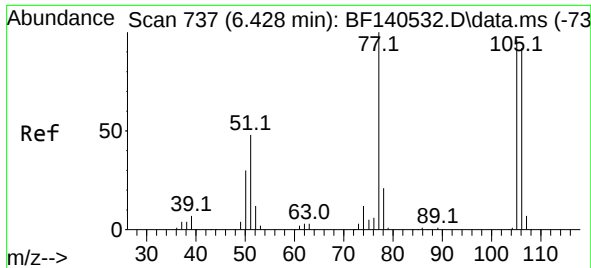
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 52.280 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:128 Resp: 317626
Ion Ratio Lower Upper
128 100
130 33.3 12.3 52.3
64 45.2 30.2 70.2





#9

Benzaldehyde

Concen: 38.090 ng

RT: 6.422 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

Tgt Ion: 77 Resp: 150539

Ion Ratio Lower Upper

77 100

105 95.2 75.6 115.6

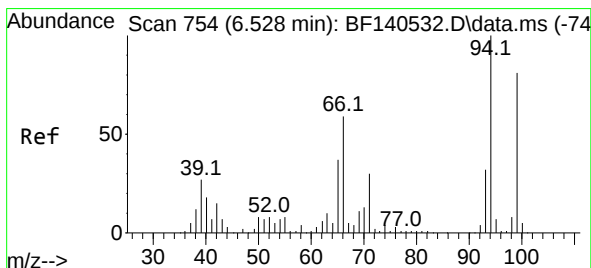
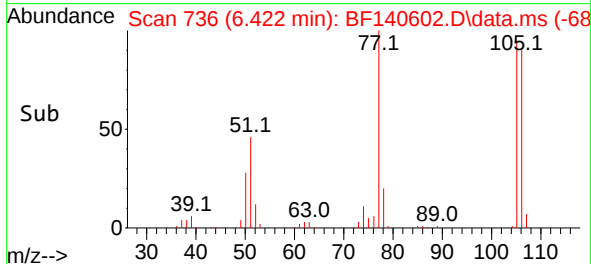
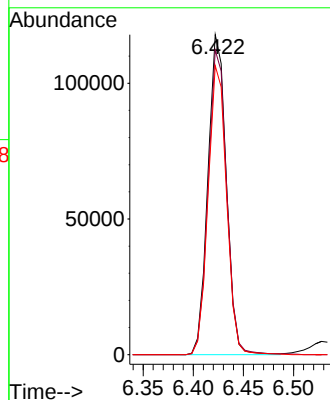
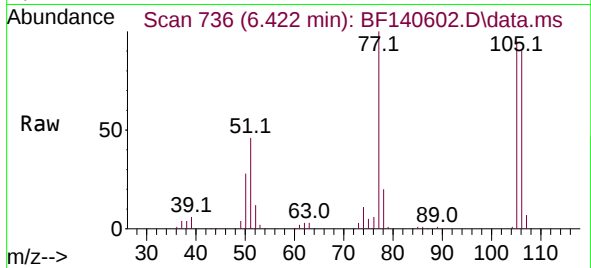
106 90.3 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 51.608 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

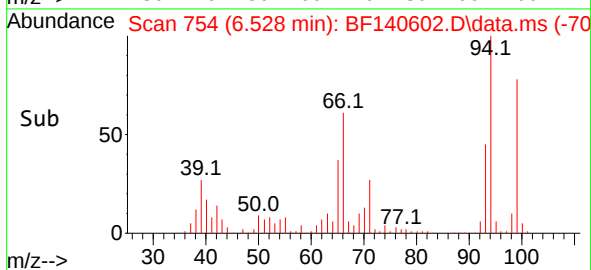
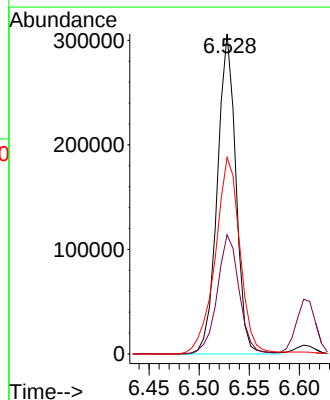
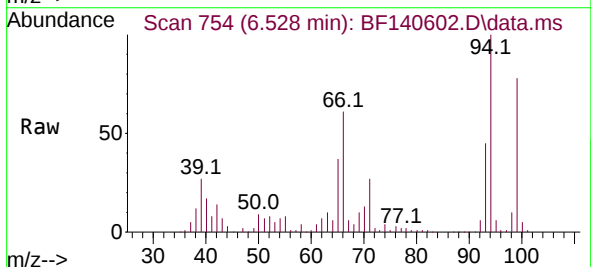
Tgt Ion: 94 Resp: 393473

Ion Ratio Lower Upper

94 100

65 37.2 17.2 57.2

66 61.4 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 51.683 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

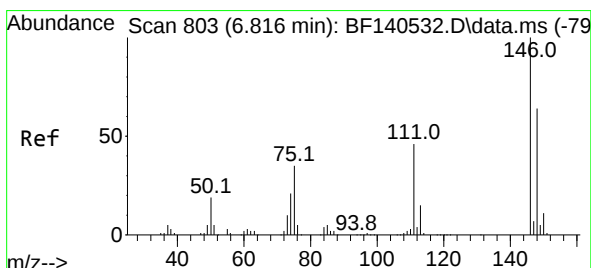
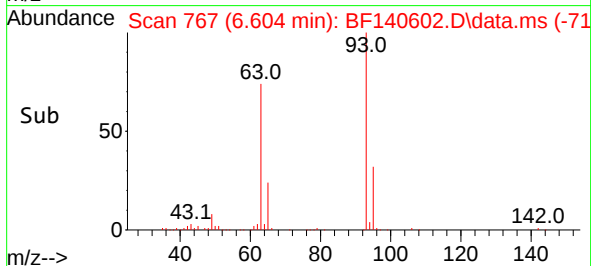
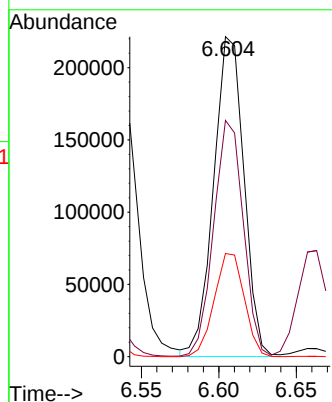
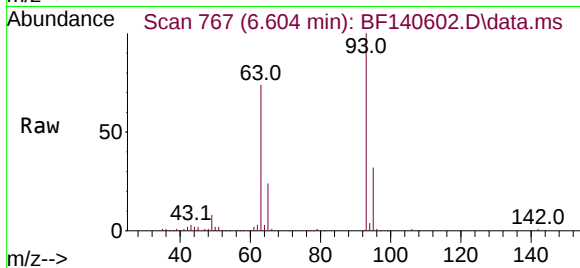
ClientSampleId :

PB165185BS

Tgt Ion: 93 Resp: 30153
Ion Ratio Lower Upper
93 100
63 73.8 52.8 92.8
95 32.2 12.3 52.3

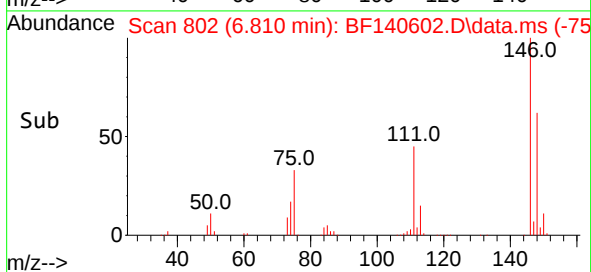
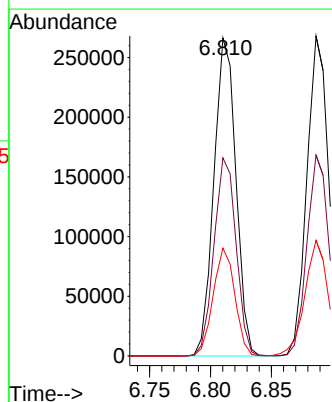
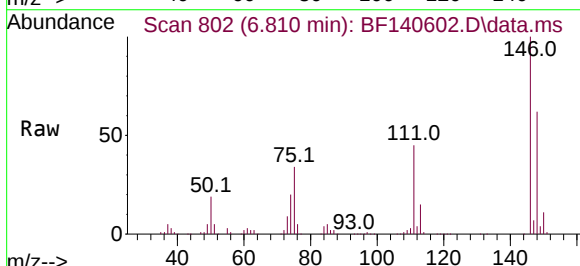
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 49.046 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:146 Resp: 334820
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
75 33.9 28.2 42.2





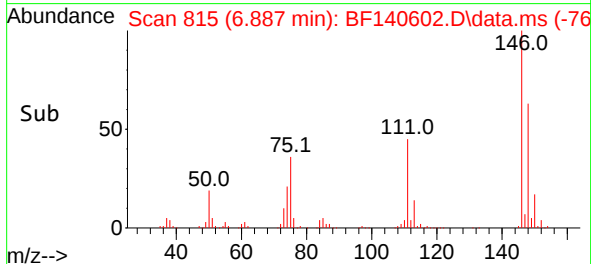
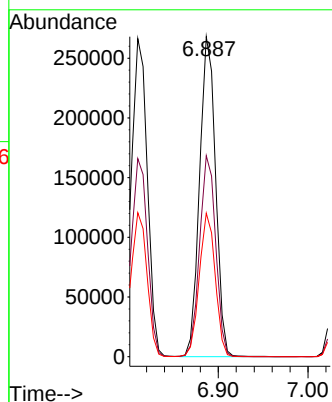
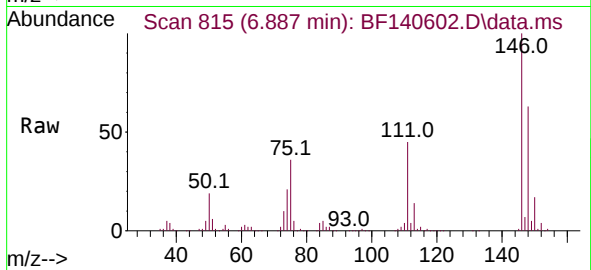
#13
1,4-Dichlorobenzene
Concen: 48.126 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :
BNA_F
ClientSampleId :
PB165185BS

Tgt Ion:146 Resp: 33266
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 44.9 35.3 52.9

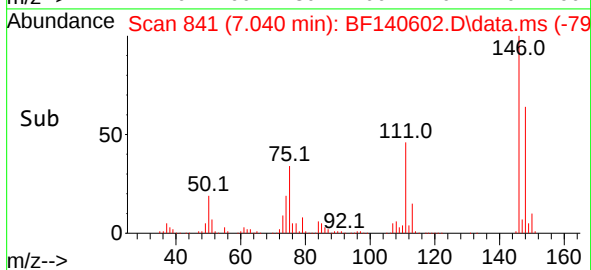
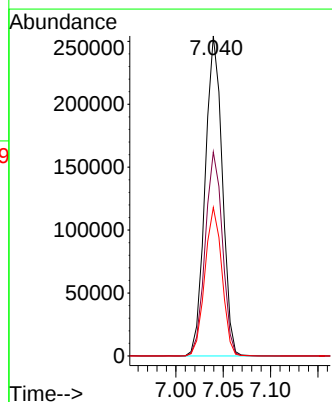
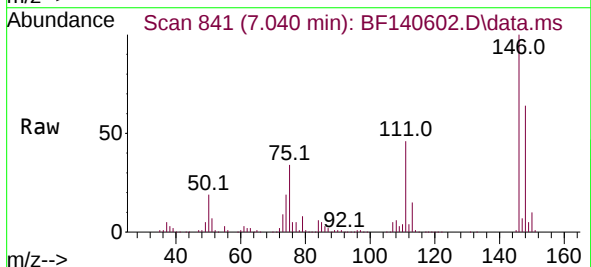
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 49.266 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

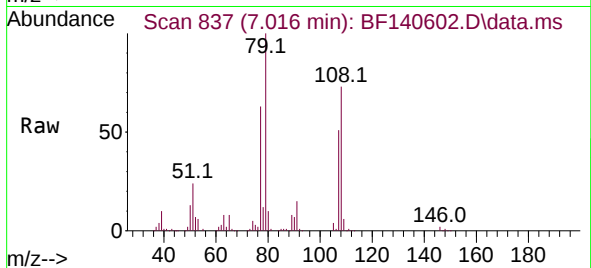
Tgt Ion:146 Resp: 319100
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.4 36.7 55.1





#15
Benzyl Alcohol
Concen: 52.625 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

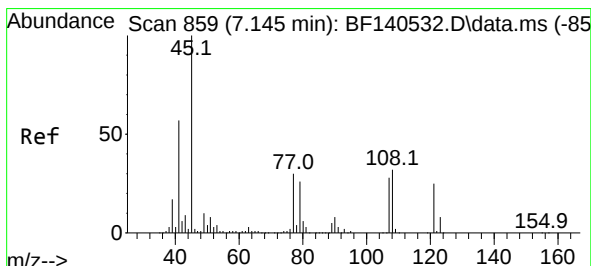
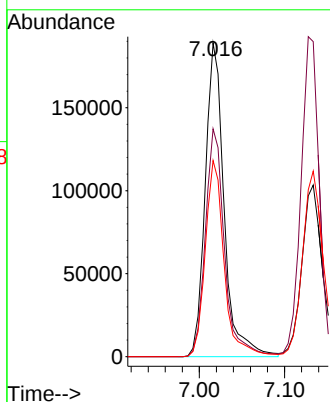
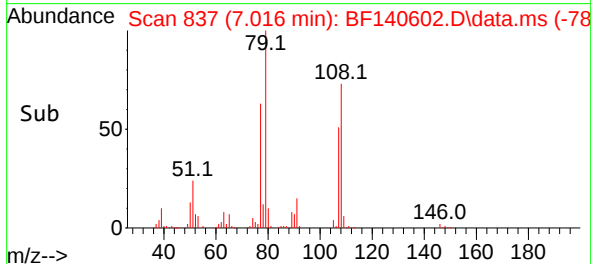
Instrument :
BNA_F
ClientSampleId :
PB165185BS



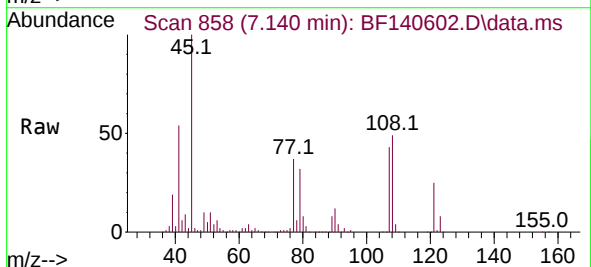
Tgt Ion: 79 Resp: 29135
Ion Ratio Lower Upper
79 100
108 72.6 55.0 82.6
77 62.6 50.1 75.1

Manual Integrations
APPROVED

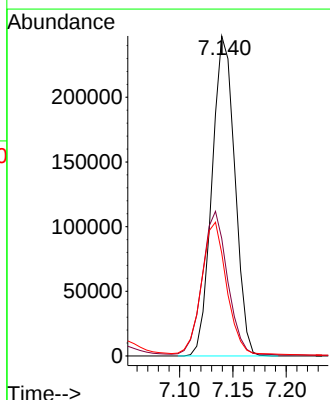
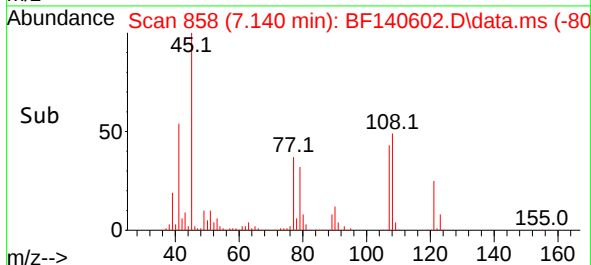
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

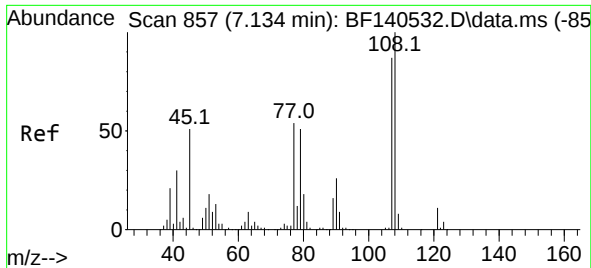


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.374 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion: 45 Resp: 367885
Ion Ratio Lower Upper
45 100
77 36.7 10.7 50.7
79 32.1 7.0 47.0





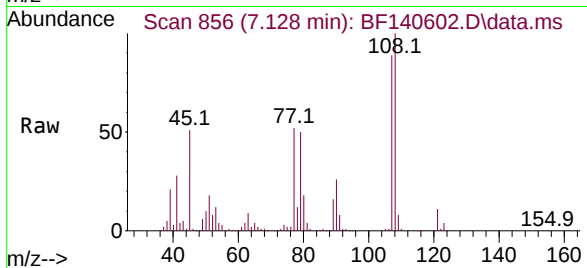
#17
2-Methylphenol
Concen: 52.743 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



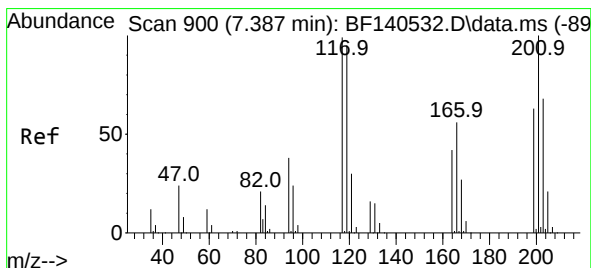
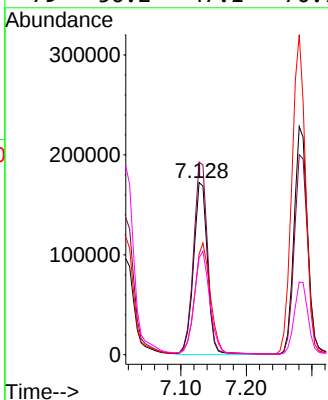
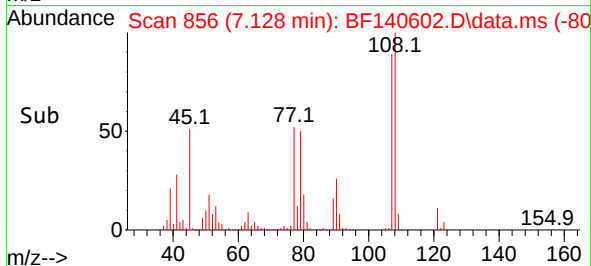
Tgt Ion:107 Resp: 25650
Ion Ratio Lower Upper
107 100
108 111.9 91.7 137.5
77 58.4 49.3 73.9
79 56.2 47.1 70.7

Manual Integrations

APPROVED

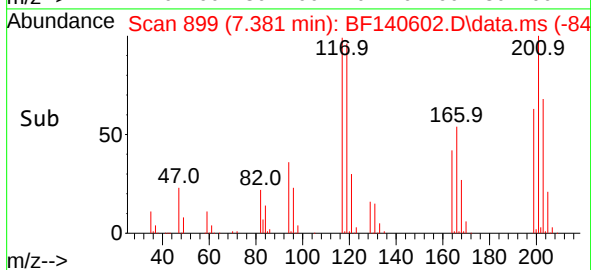
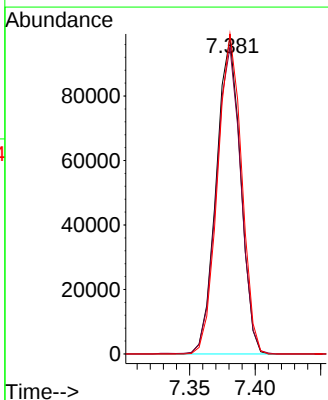
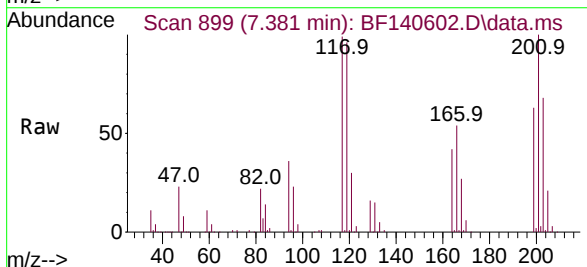
Reviewed By :Yogesh Patel 11/27/2024

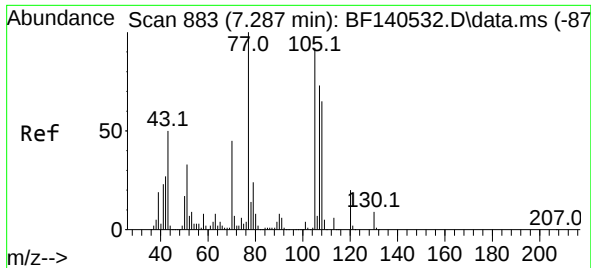
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 48.762 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:117 Resp: 125886
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7
201 101.1 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 51.357 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

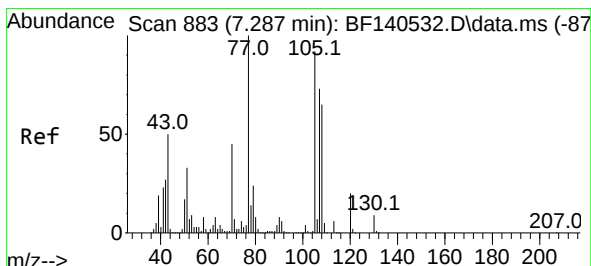
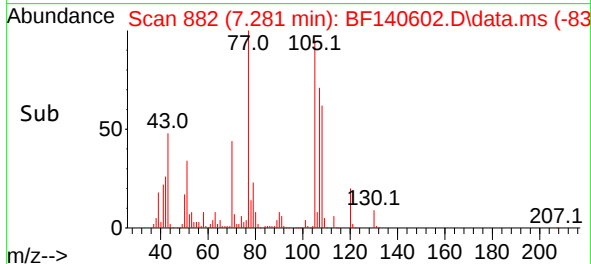
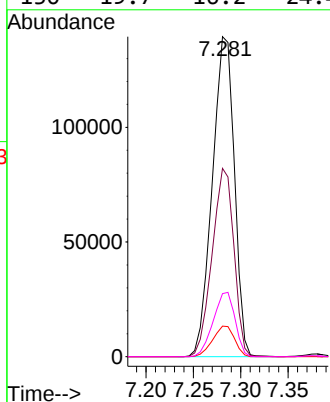
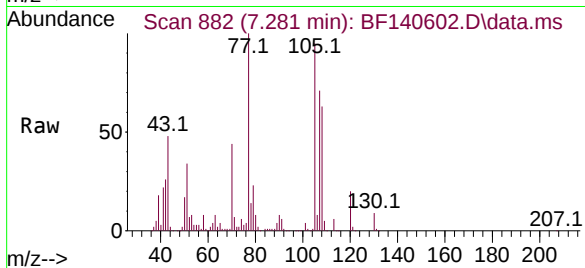
ClientSampleId :

PB165185BS

Tgt Ion: 70 Resp: 226598
Ion Ratio Lower Upper
70 100
42 58.8 47.6 71.4
101 9.5 7.6 11.4
130 19.7 16.2 24.4

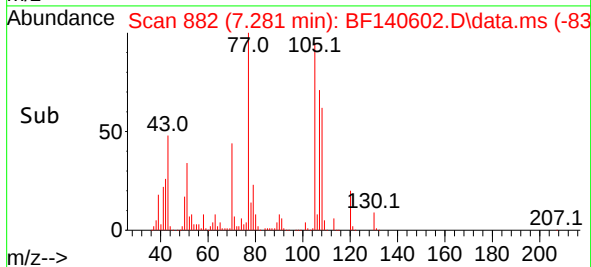
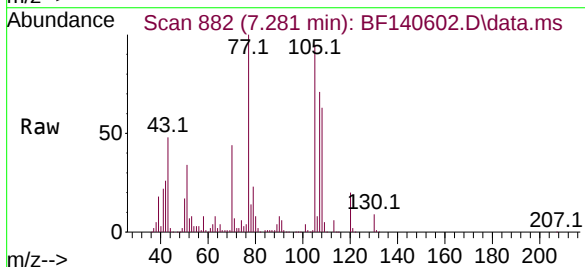
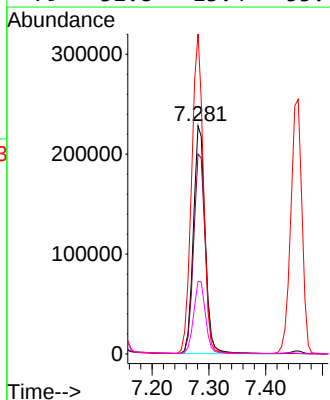
Manual Integrations
APPROVED

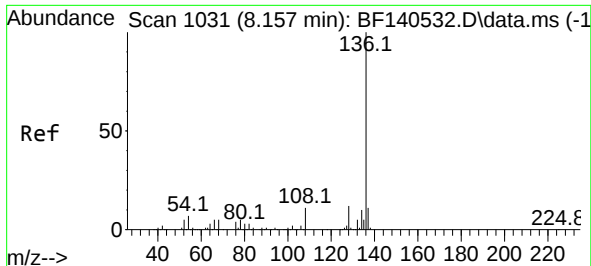
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 52.448 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:107 Resp: 327859
Ion Ratio Lower Upper
107 100
108 87.7 69.9 109.9
77 140.2 117.7 157.7
79 31.8 13.4 53.4





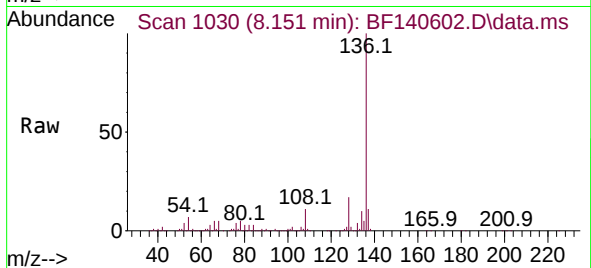
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



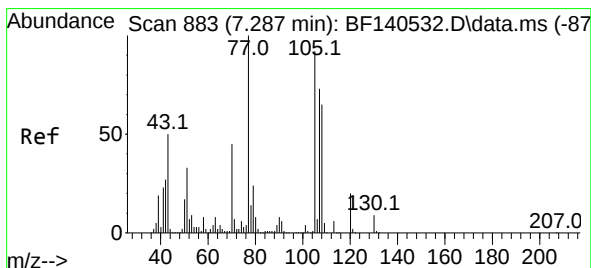
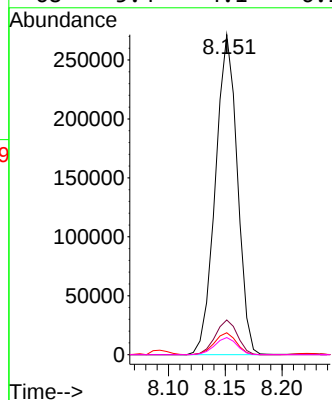
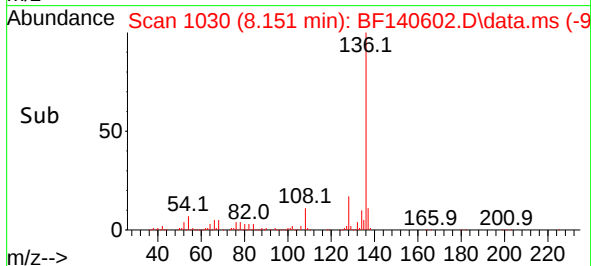
Tgt Ion:136 Resp: 36453
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.4 4.1 6.1

Manual Integrations

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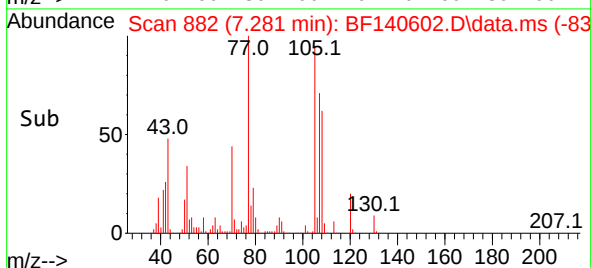
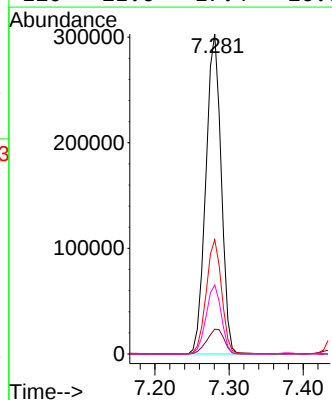
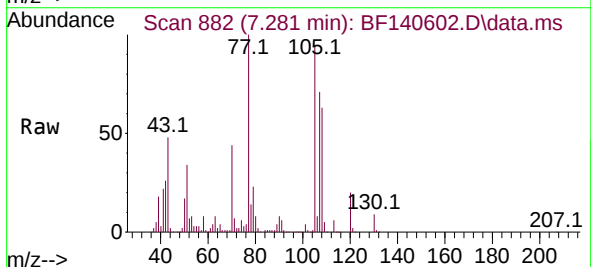
Reviewed By :Yogesh Patel 11/27/2024

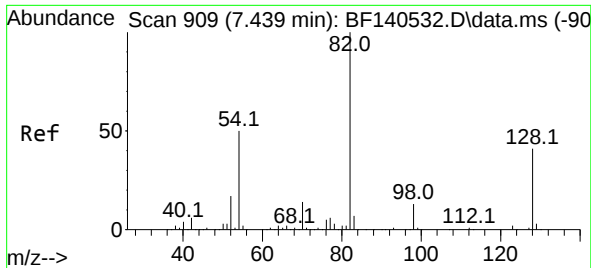
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 49.120 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:105 Resp: 436535
Ion Ratio Lower Upper
105 100
71 7.7 6.2 9.2
51 35.8 29.0 43.6
120 21.6 17.4 26.0





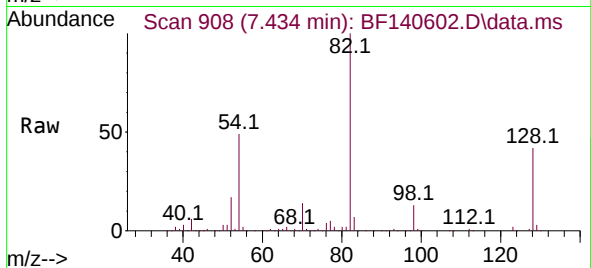
#23
Nitrobenzene-d5
Concen: 98.777 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

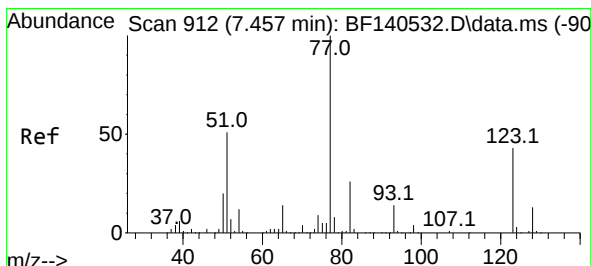
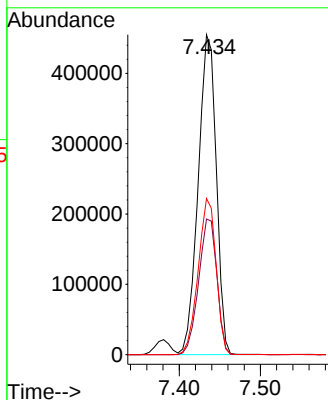
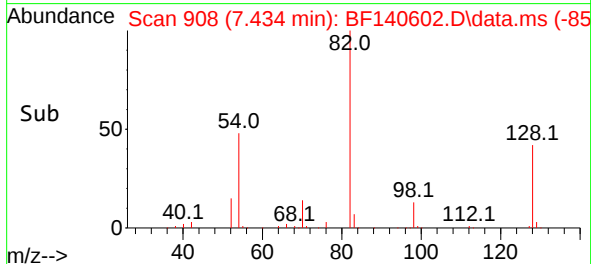


Tgt Ion: 82 Resp: 703954
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 48.8 39.5 59.3

Manual Integrations

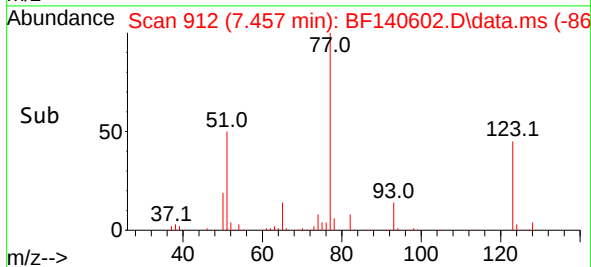
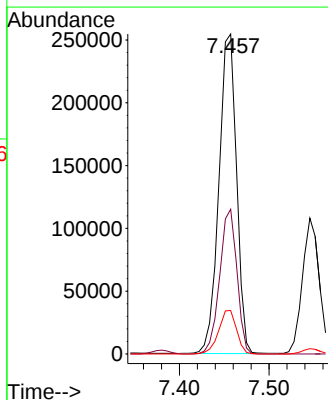
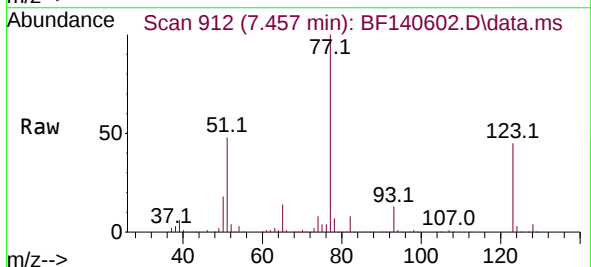
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 47.201 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion: 77 Resp: 347664
Ion Ratio Lower Upper
77 100
123 45.3 34.3 51.5
65 13.6 11.2 16.8





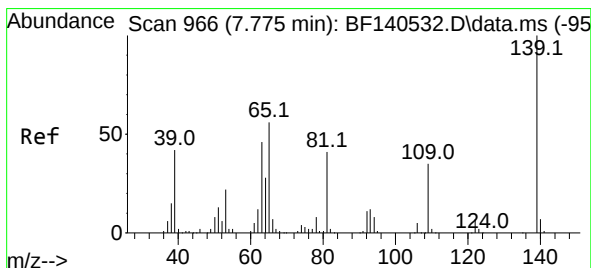
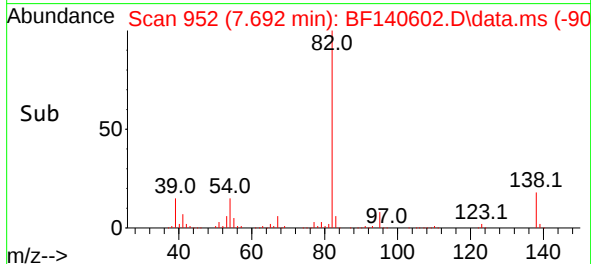
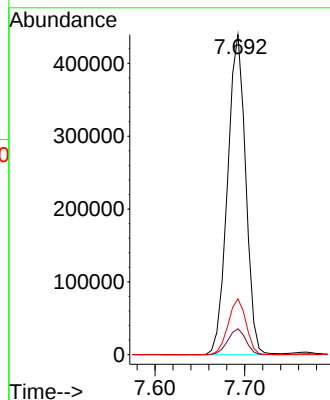
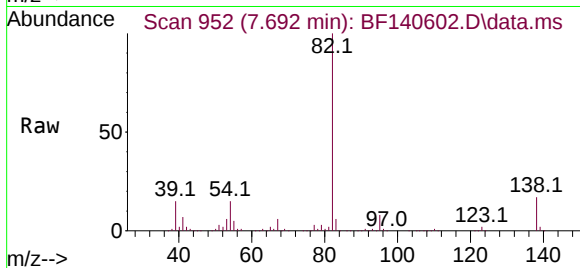
#25
Isophorone
Concen: 51.847 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :
BNA_F
ClientSampleId :
PB165185BS

Tgt Ion: 82 Resp: 61629
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.4 13.8 20.6

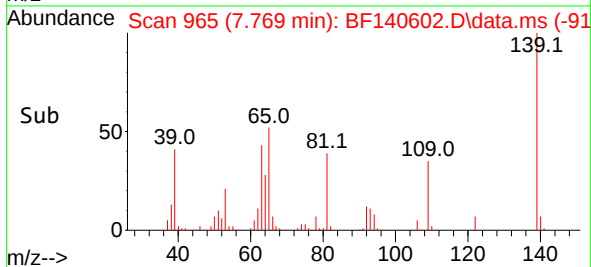
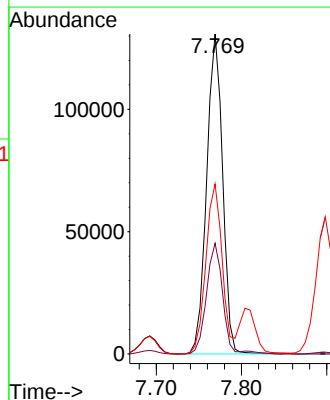
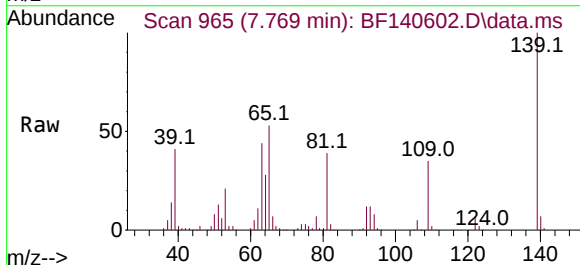
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 52.232 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:139 Resp: 170493
Ion Ratio Lower Upper
139 100
109 34.6 28.0 42.0
65 53.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 65.359 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

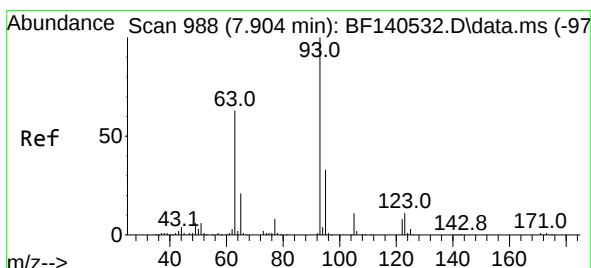
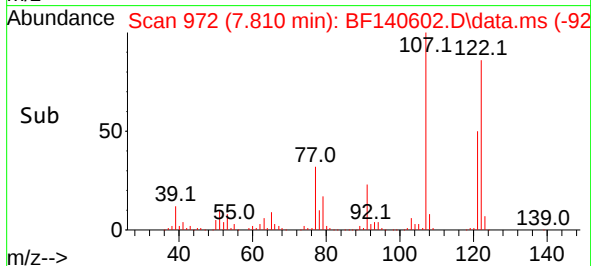
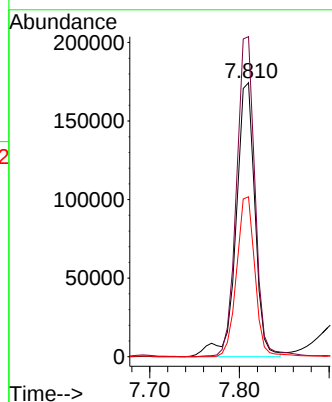
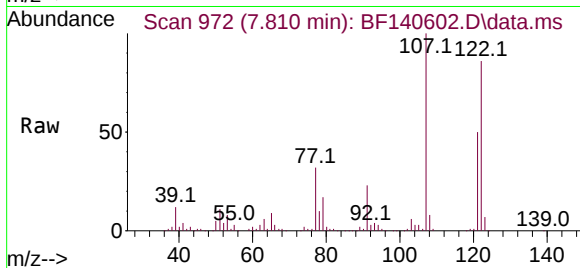
PB165185BS

Tgt Ion:122 Resp: 25525
Ion Ratio Lower Upper
122 100
107 116.9 96.8 145.2
121 58.3 47.4 71.0

Manual Integrations

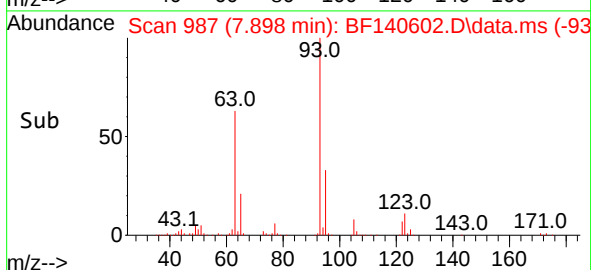
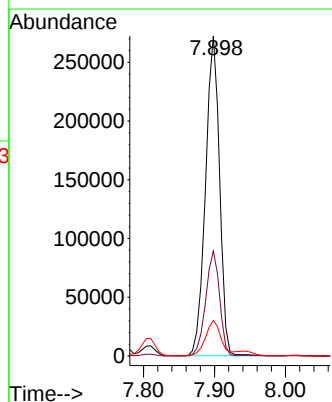
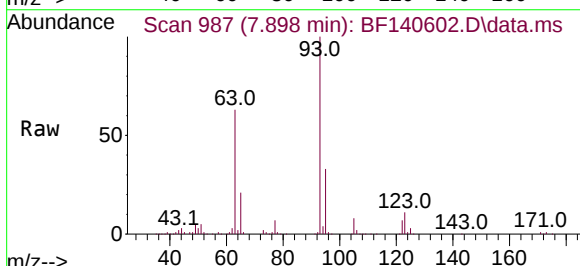
APPROVED

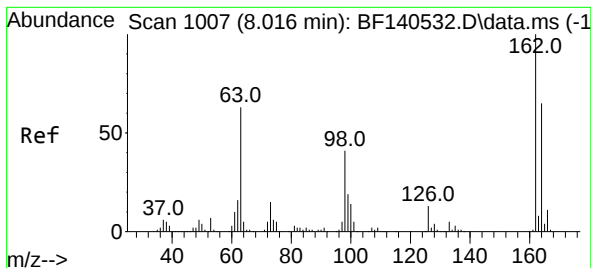
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.748 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion: 93 Resp: 374731
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.1 9.1 13.7





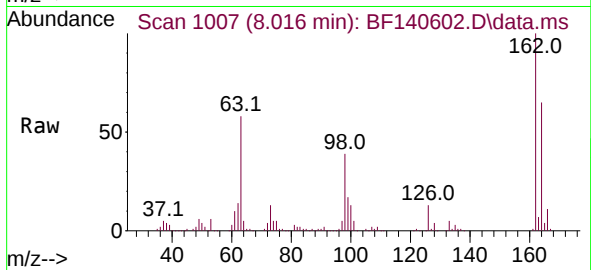
#29
2,4-Dichlorophenol
Concen: 52.028 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



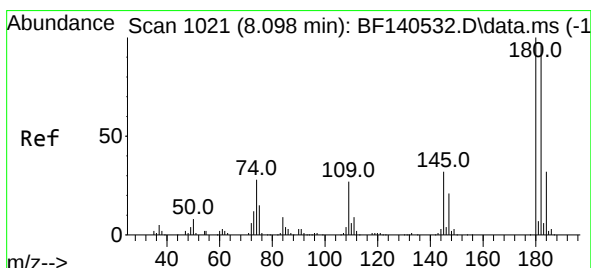
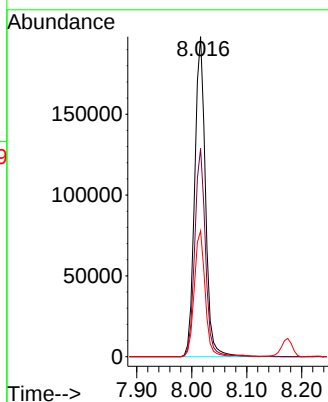
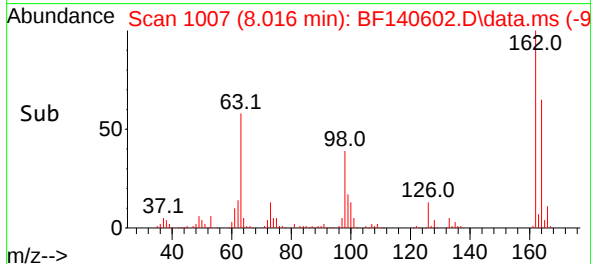
Tgt Ion:162 Resp: 269245
Ion Ratio Lower Upper
162 100
164 65.1 44.8 84.8
98 39.3 21.2 61.2

Manual Integrations

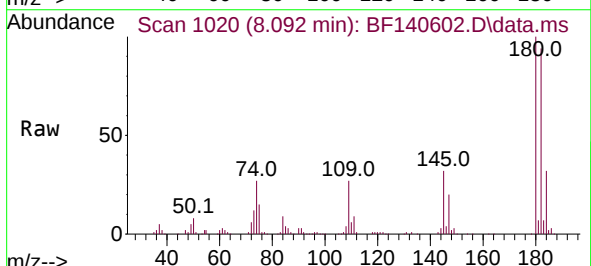
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

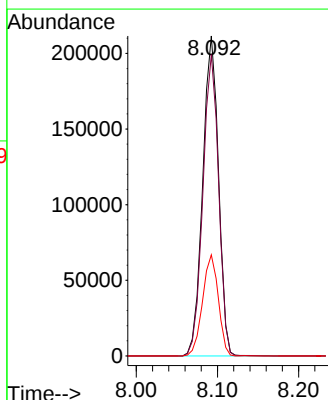
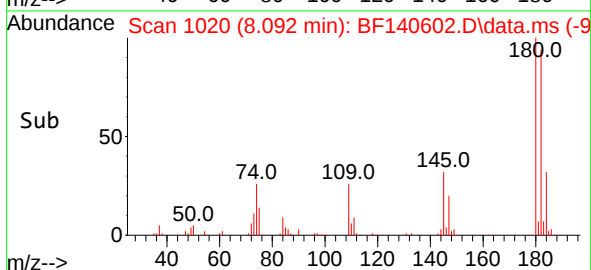
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 48.250 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion:180 Resp: 285092
Ion Ratio Lower Upper
180 100
182 94.1 76.4 114.6
145 31.6 25.9 38.9





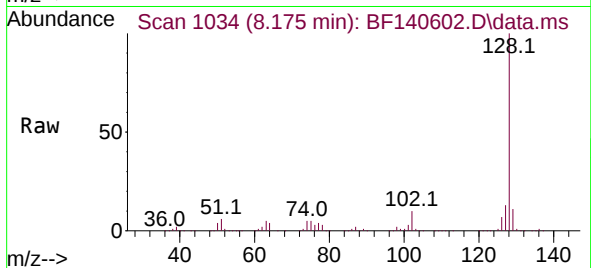
#31
Naphthalene
Concen: 49.596 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



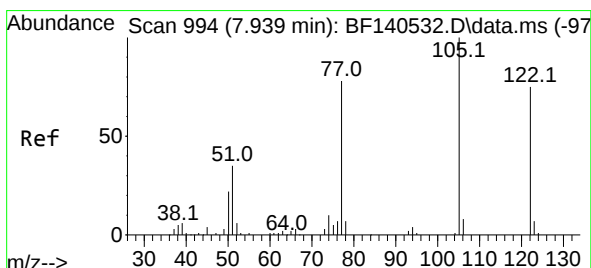
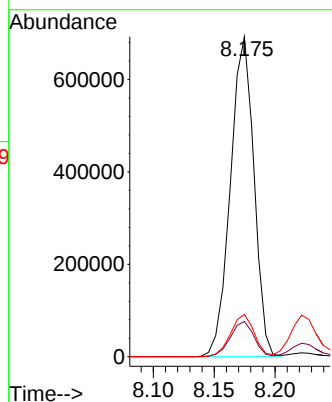
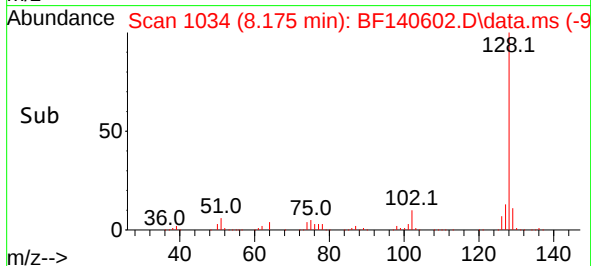
Tgt Ion:128 Resp: 93124
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

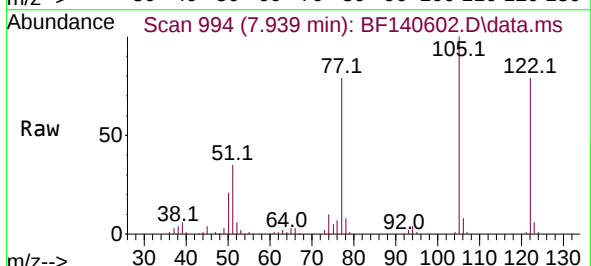
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

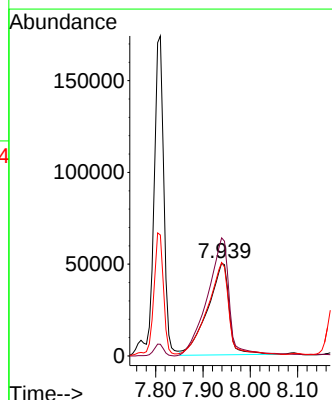
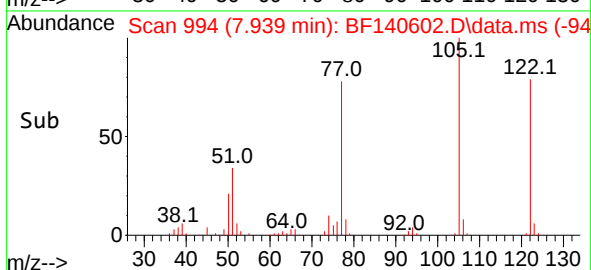
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 46.752 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion:122 Resp: 158145
Ion Ratio Lower Upper
122 100
105 127.3 109.3 149.3
77 100.7 82.3 122.3





#33
4-Chloroaniline
Concen: 26.552 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

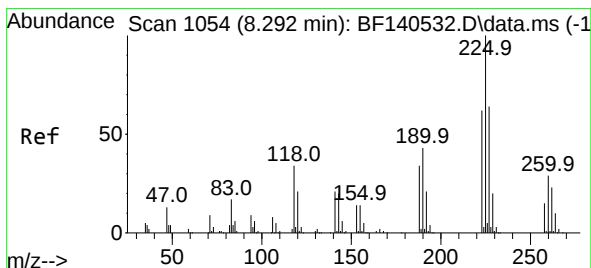
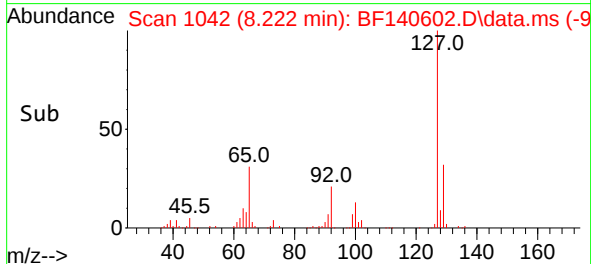
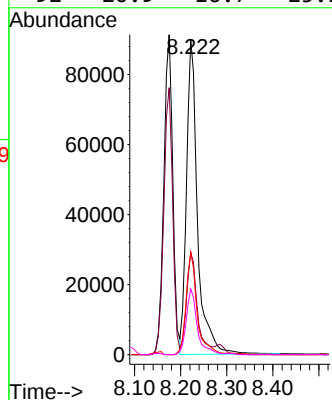
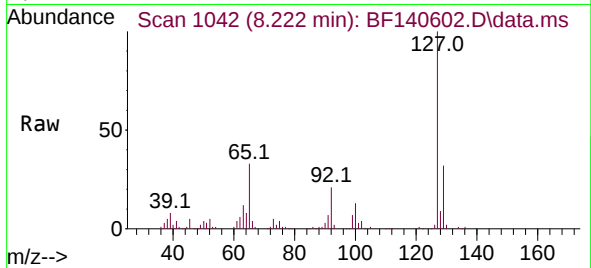
PB165185BS

Tgt Ion:127 Resp: 149268
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 32.6 26.0 39.0
92 20.9 16.7 25.1

Manual Integrations

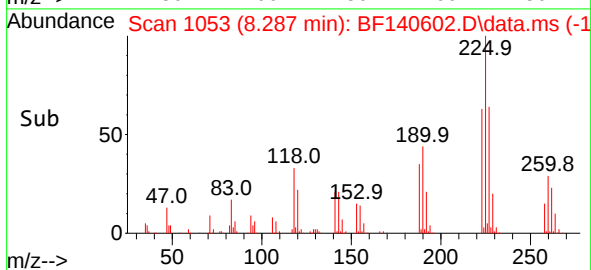
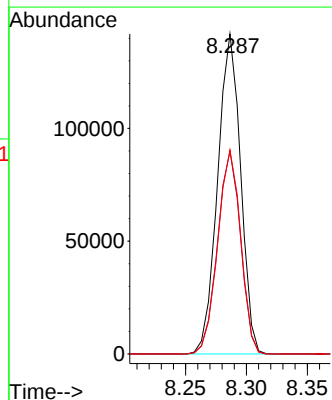
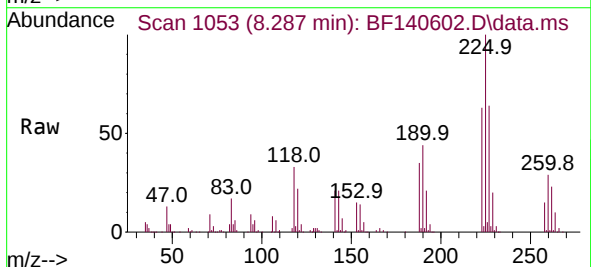
APPROVED

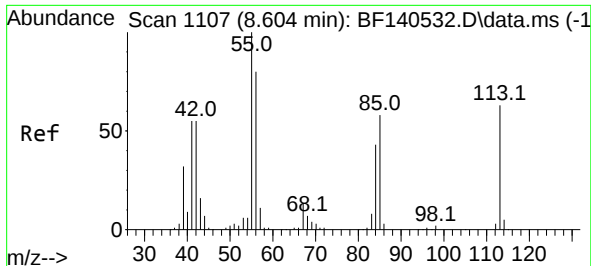
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 47.613 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:225 Resp: 186341
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.8
227 63.7 51.3 76.9





#35
Caprolactam
Concen: 52.422 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

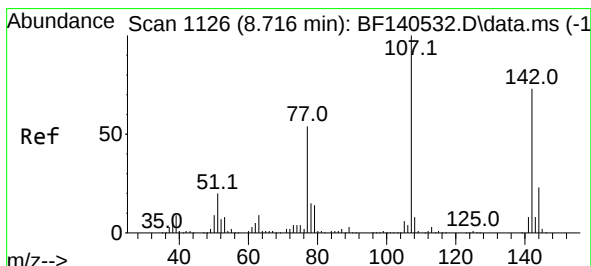
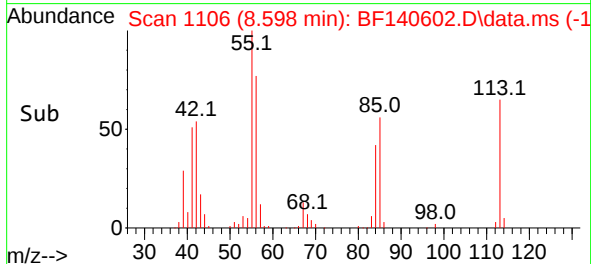
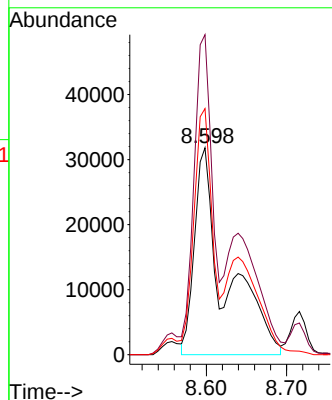
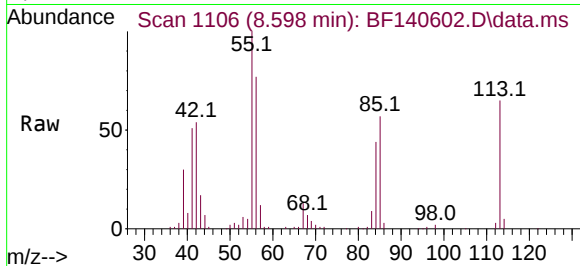
ClientSampleId :

PB165185BS

Tgt Ion:113 Resp: 83954
Ion Ratio Lower Upper
113 100
55 154.7 137.7 177.7
56 118.9 106.4 146.4

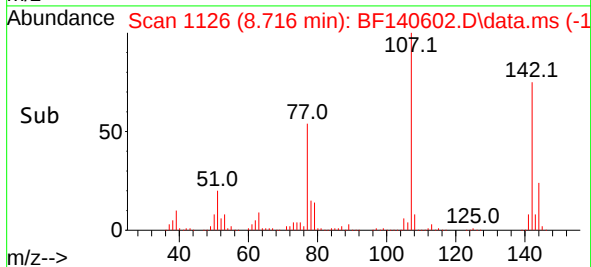
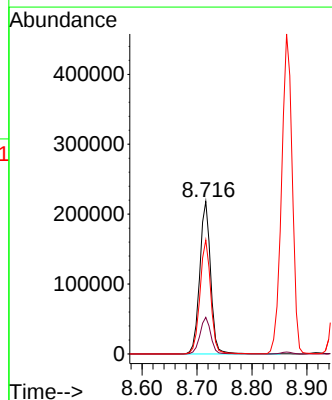
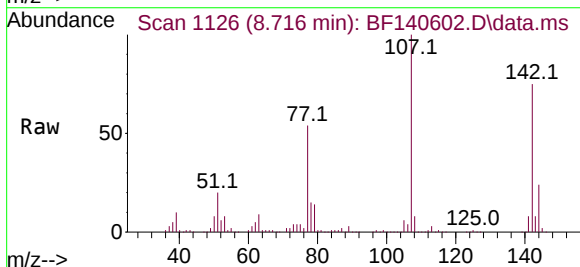
Manual Integrations
APPROVED

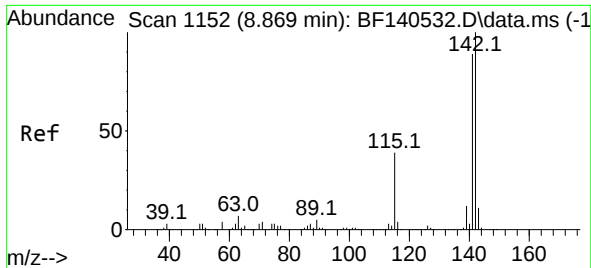
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 51.851 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:107 Resp: 300428
Ion Ratio Lower Upper
107 100
144 24.0 18.7 28.1
142 74.7 58.3 87.5





#37
2-Methylnaphthalene
Concen: 51.654 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

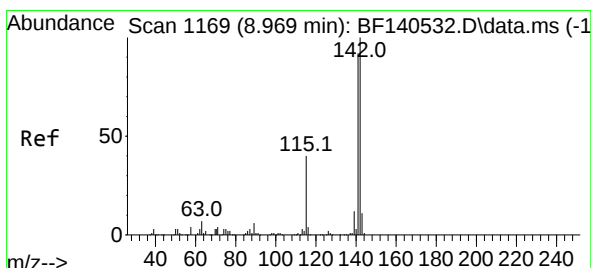
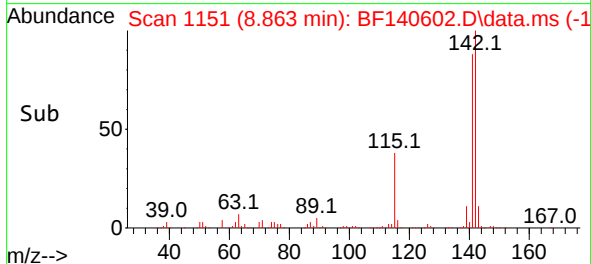
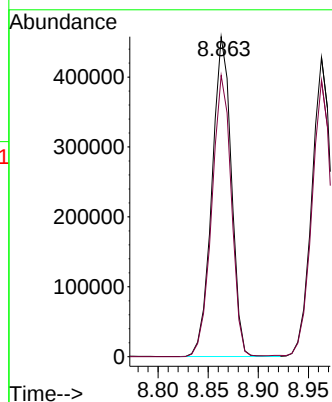
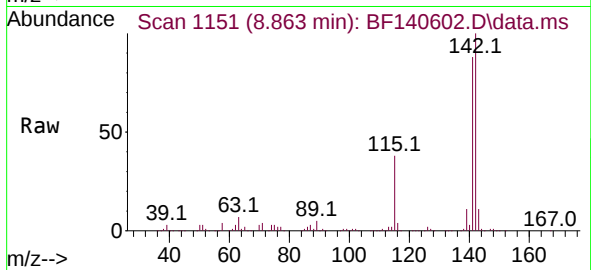
PB165185BS

Tgt Ion:142 Resp: 616020
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6

Manual Integrations

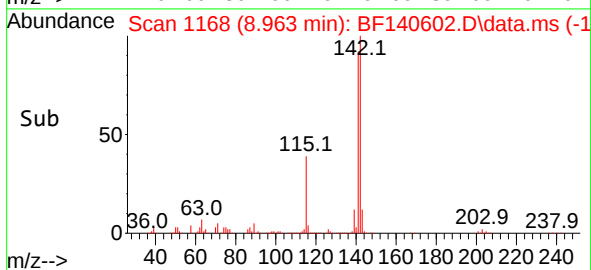
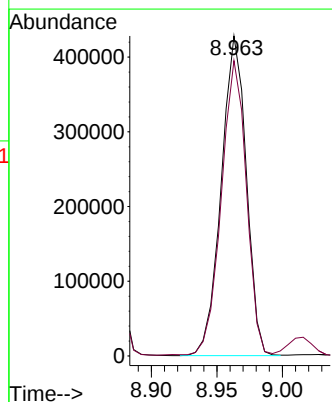
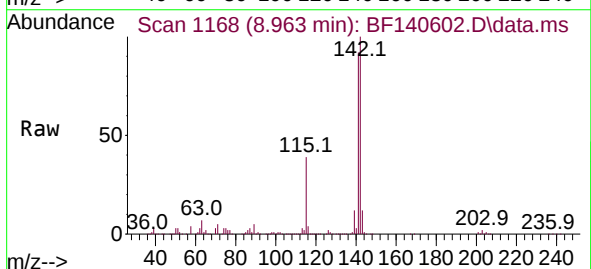
APPROVED

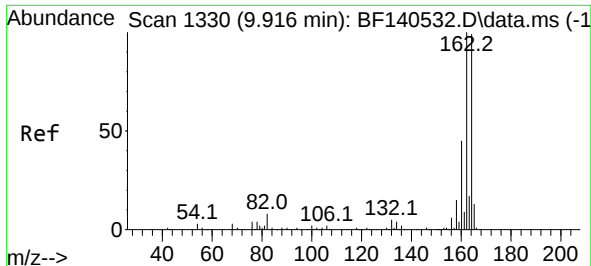
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 48.609 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:142 Resp: 568231
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





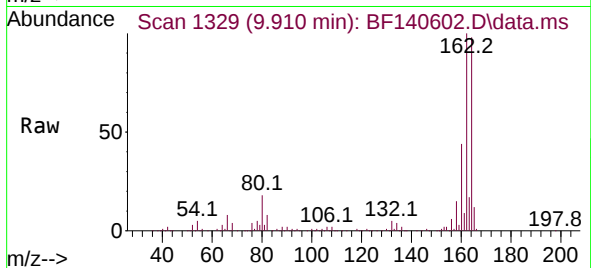
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

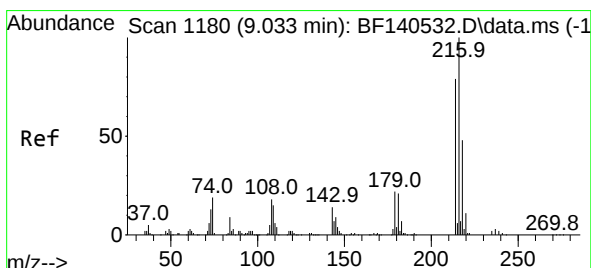
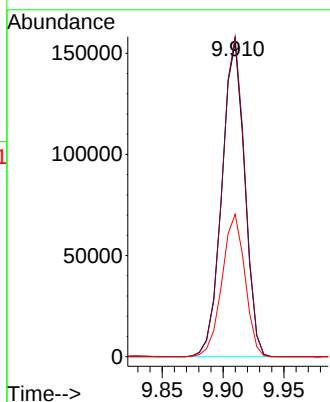
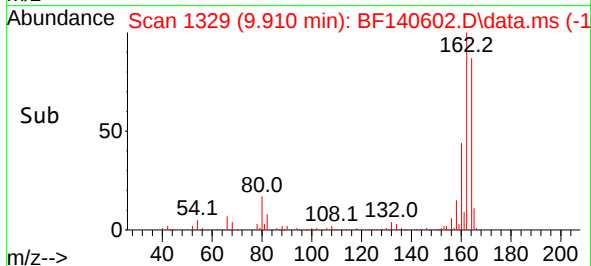
PB165185BS



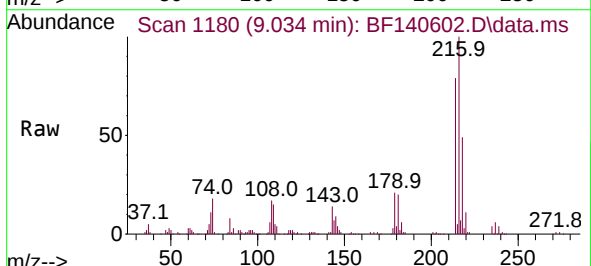
Tgt Ion:164 Resp: 202840
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.3 36.2 54.4

Manual Integrations
APPROVED

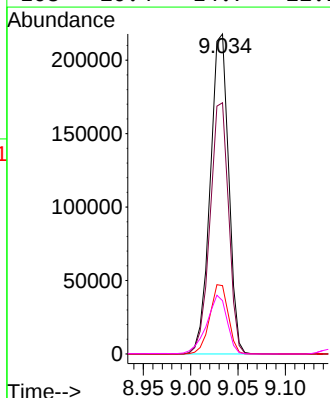
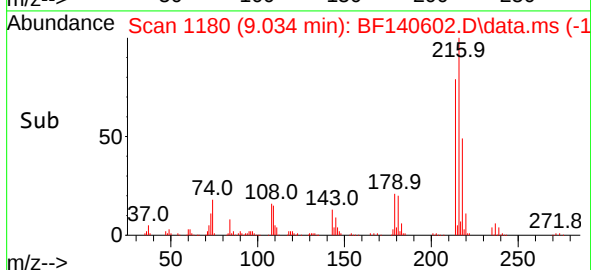
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.613 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion:216 Resp: 294607
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 21.7 17.5 26.3
108 20.4 14.7 22.1





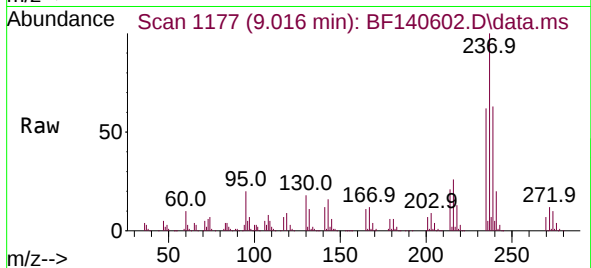
#41
Hexachlorocyclopentadiene
Concen: 197.615 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



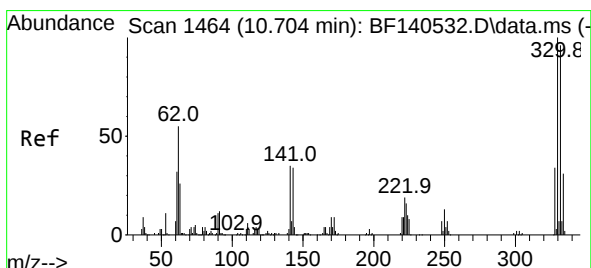
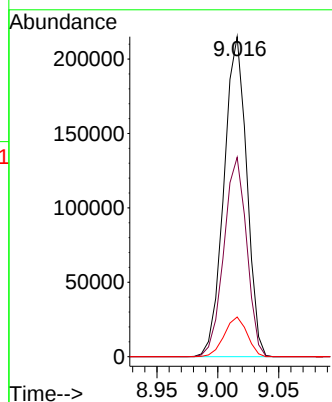
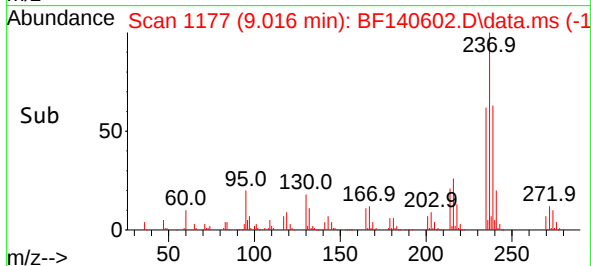
Tgt Ion:237 Resp: 279514
Ion Ratio Lower Upper
237 100
235 62.3 41.1 81.1
272 12.4 0.0 32.6

Manual Integrations

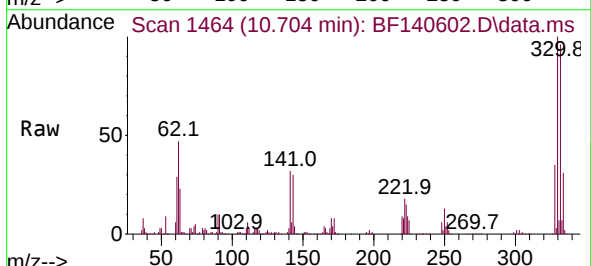
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

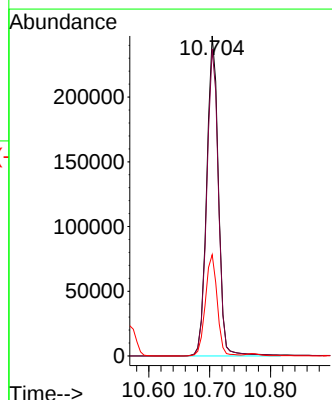
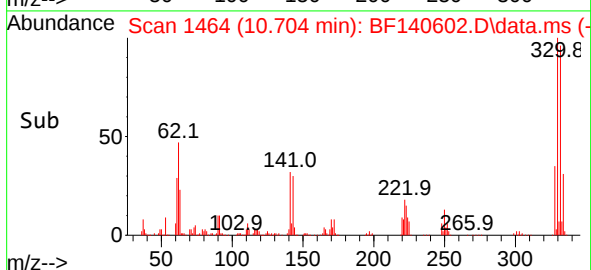
Supervised By :mohammad ahmed 11/27/2024

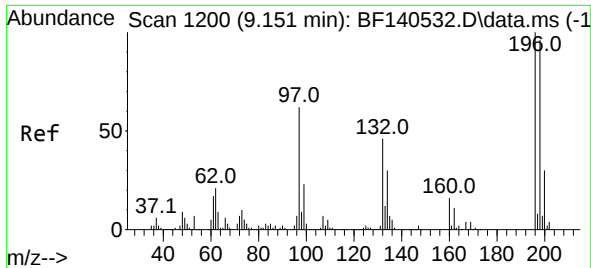


#42
2,4,6-Tribromophenol
Concen: 152.535 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion:330 Resp: 330908
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.9 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 51.246 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

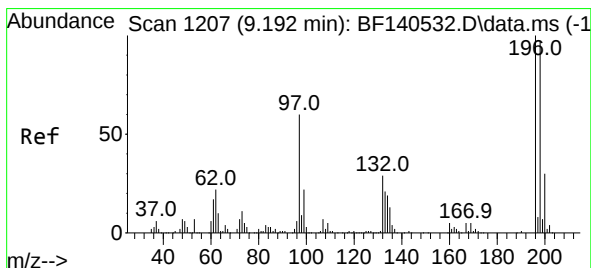
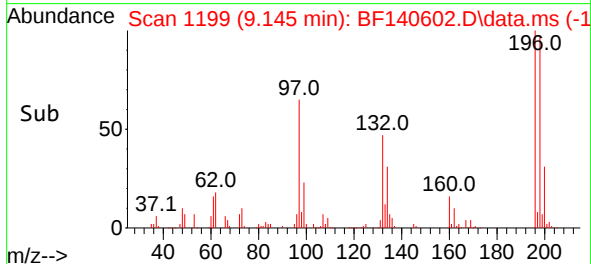
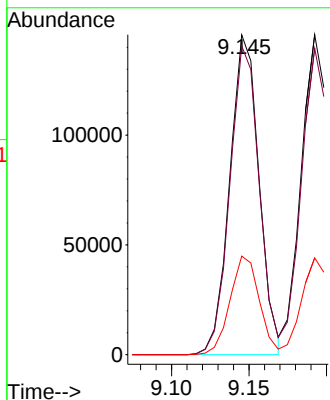
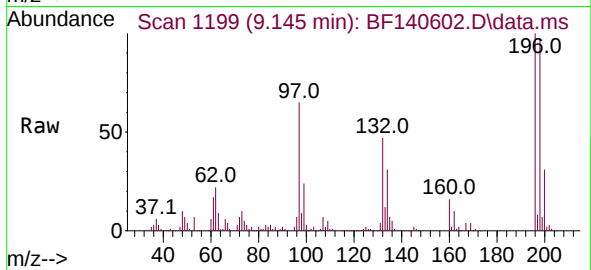
PB165185BS

Tgt Ion:196 Resp: 190948
Ion Ratio Lower Upper
196 100
198 96.5 76.8 115.2
200 30.8 24.3 36.5

Manual Integrations

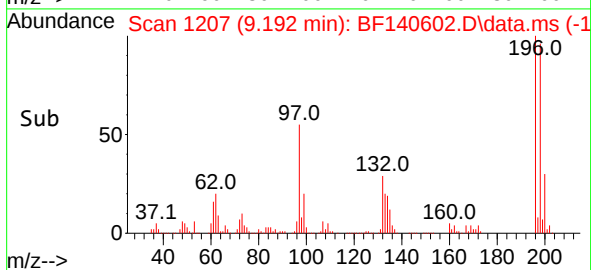
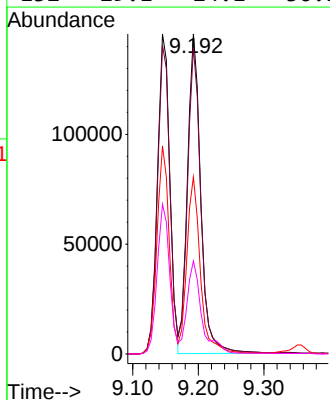
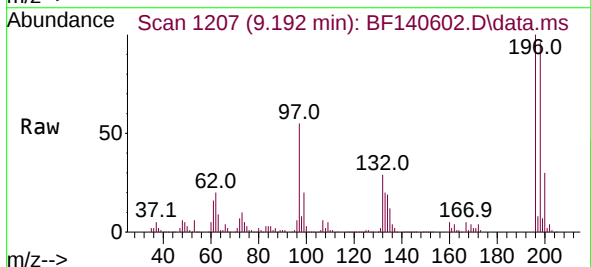
APPROVED

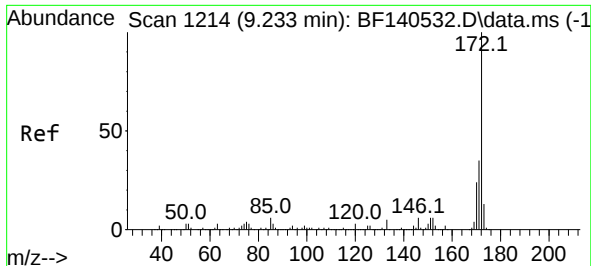
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 50.718 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:196 Resp: 205100
Ion Ratio Lower Upper
196 100
198 95.7 77.2 115.8
97 55.3 47.1 70.7
132 29.1 24.1 36.1





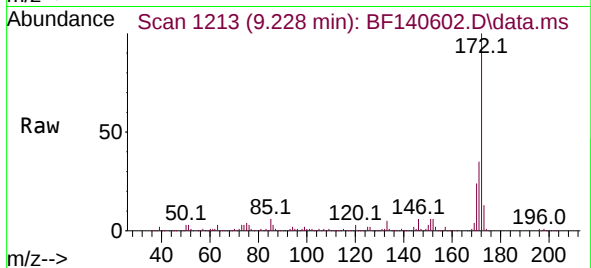
#45
2-Fluorobiphenyl
Concen: 100.888 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



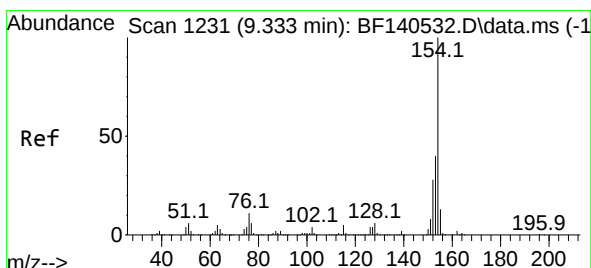
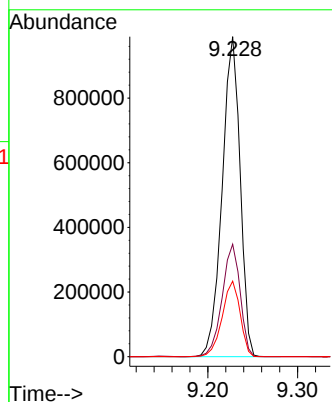
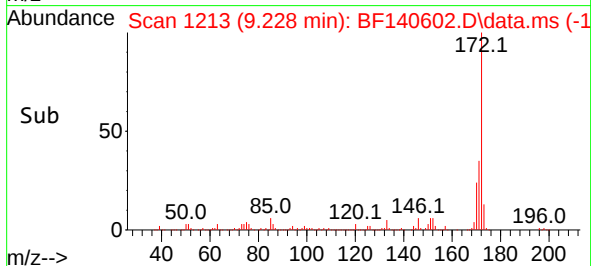
Tgt Ion:172 Resp: 1373478
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.6 19.0 28.6

Manual Integrations

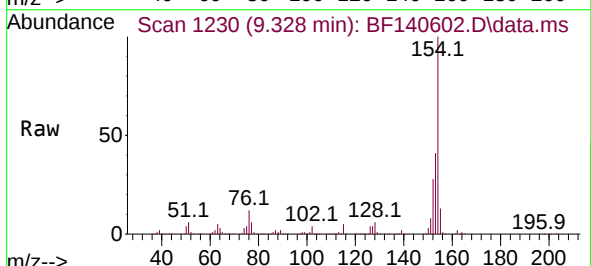
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

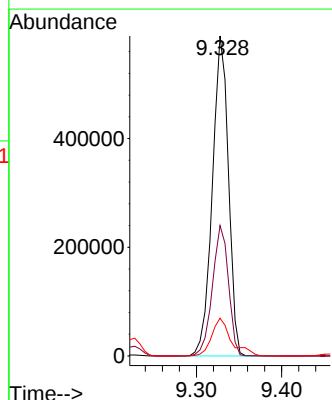
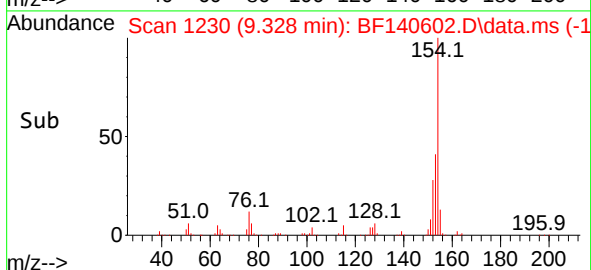
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 50.951 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion:154 Resp: 771619
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.8 0.0 31.2





#47
2-Chloronaphthalene
Concen: 49.458 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

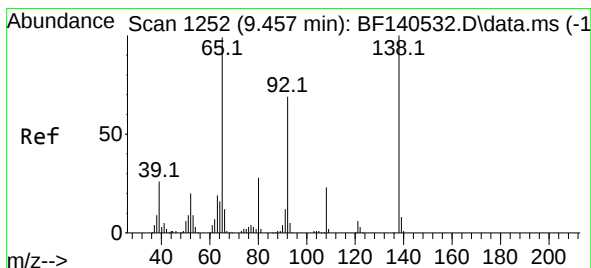
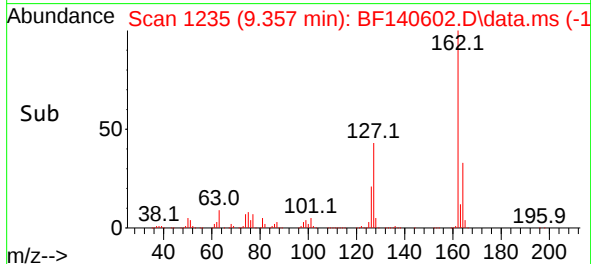
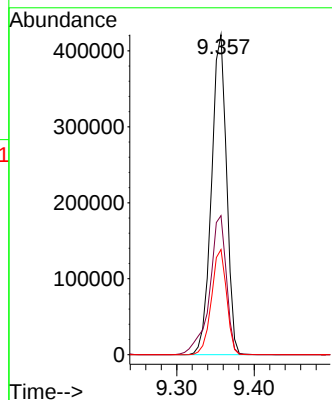
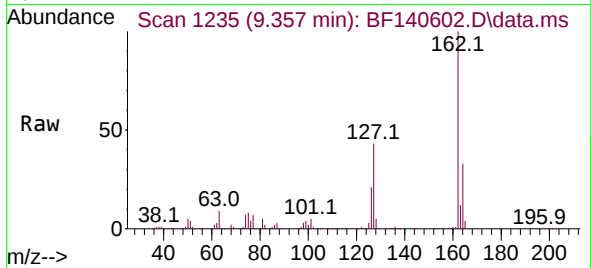
ClientSampleId :

PB165185BS

Tgt Ion:162 Resp: 56753
Ion Ratio Lower Upper
162 100
127 43.5 35.7 53.5
164 32.9 26.1 39.1

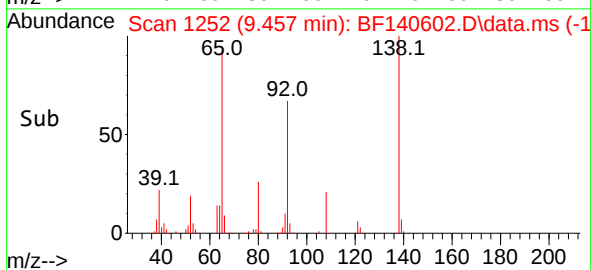
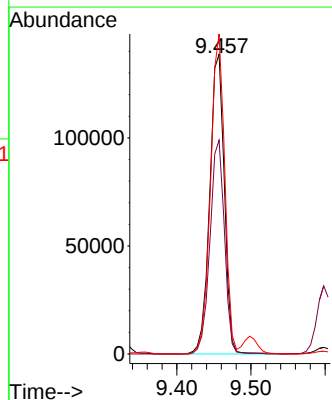
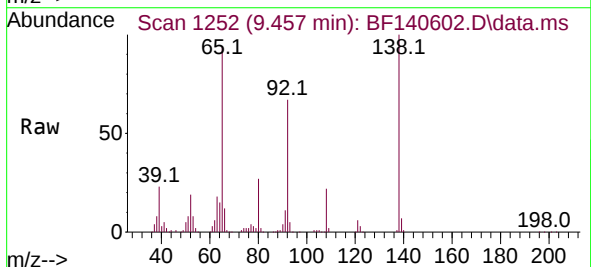
Manual Integrations
APPROVED

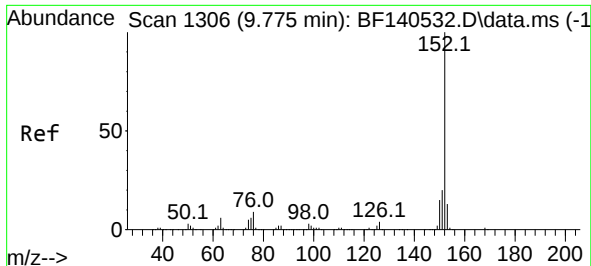
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#48
2-Nitroaniline
Concen: 51.496 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion: 65 Resp: 189674
Ion Ratio Lower Upper
65 100
92 71.3 56.1 84.1
138 106.8 81.0 121.6





#49
Acenaphthylene
Concen: 54.296 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

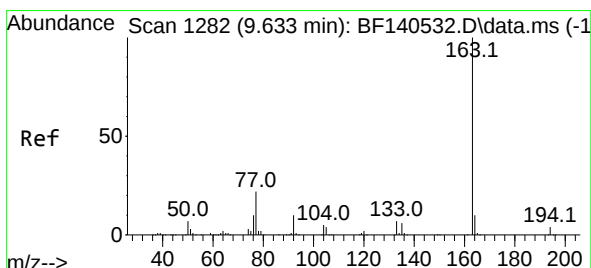
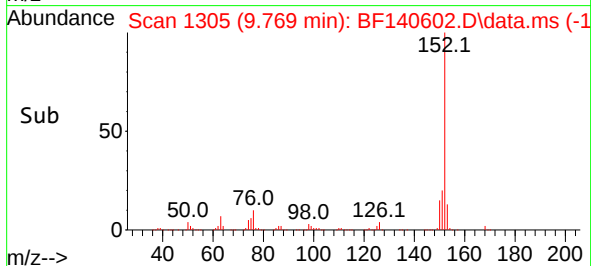
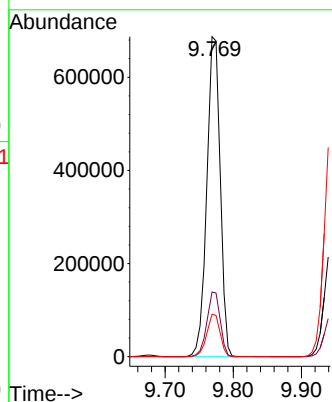
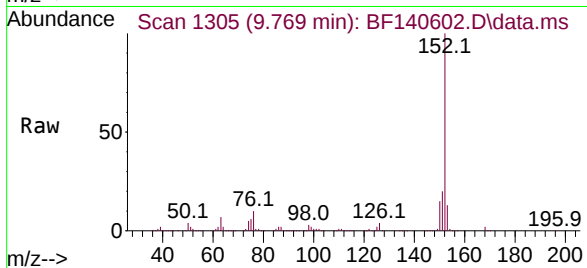
ClientSampleId :

PB165185BS

Tgt Ion:152 Resp: 94139
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.6 16.0

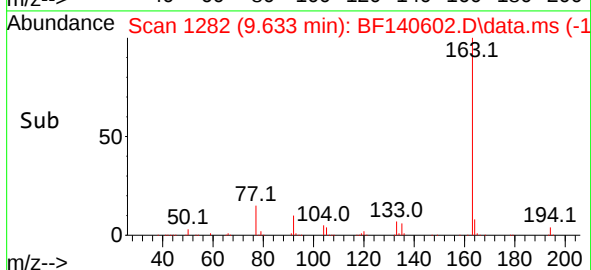
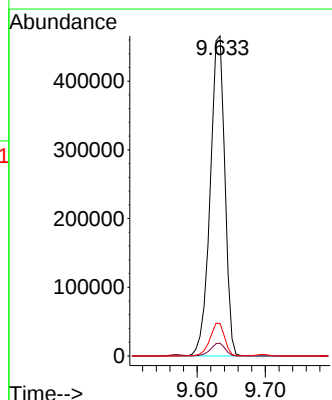
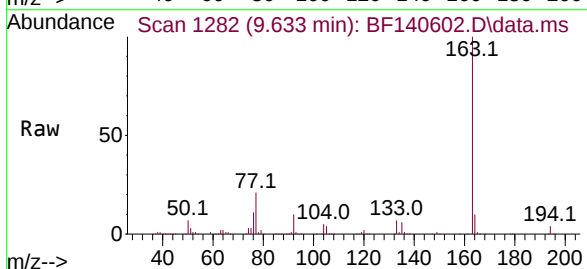
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 52.153 ng
RT: 9.633 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:163 Resp: 696702
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: 49.861 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

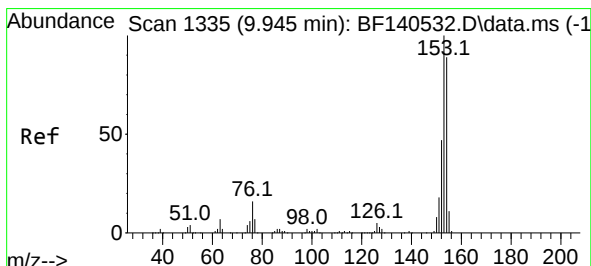
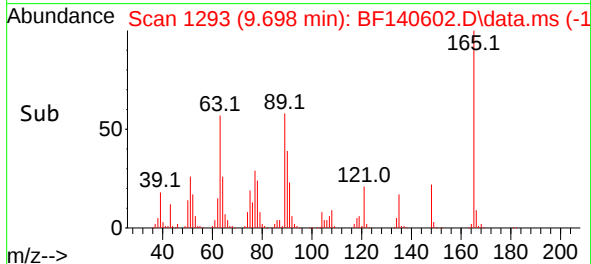
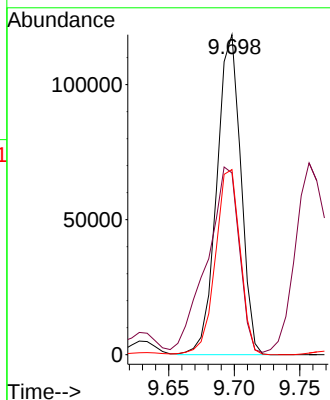
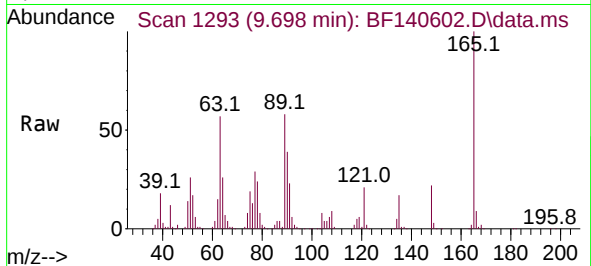
ClientSampleId :

PB165185BS

Tgt Ion:165 Resp: 151060
Ion Ratio Lower Upper
165 100
63 56.8 49.9 74.9
89 57.9 50.9 76.3

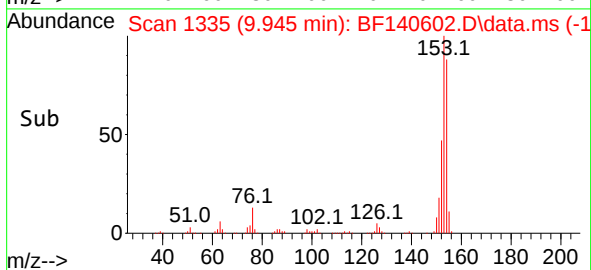
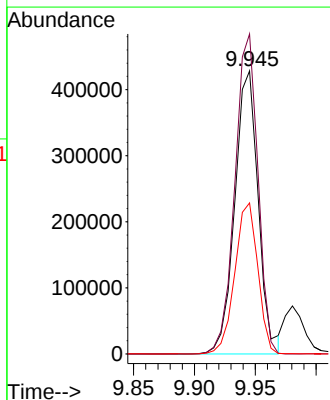
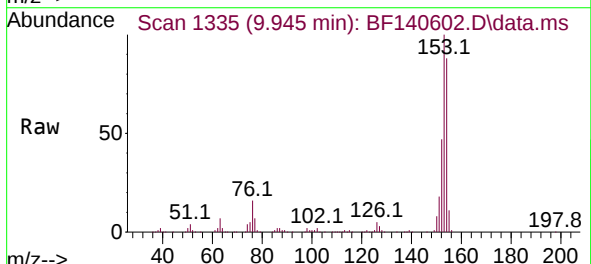
Manual Integrations
APPROVED

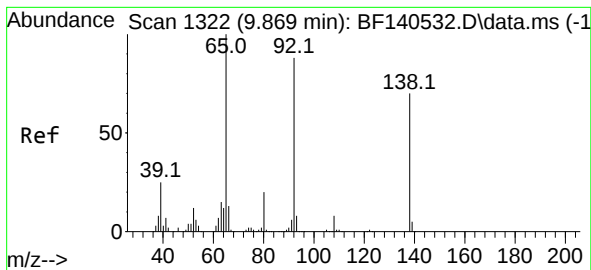
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 52.248 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:154 Resp: 575593
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.3 42.5 63.7





#53
3-Nitroaniline
Concen: 33.549 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

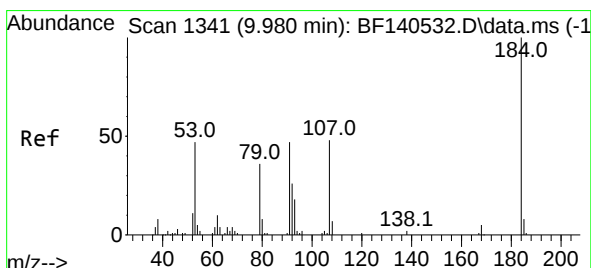
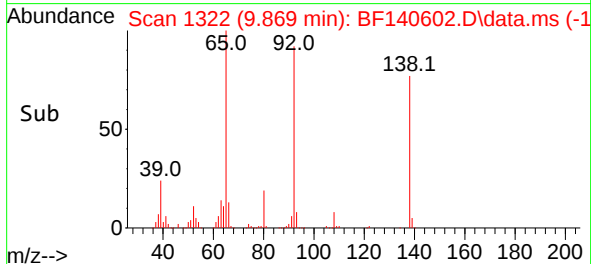
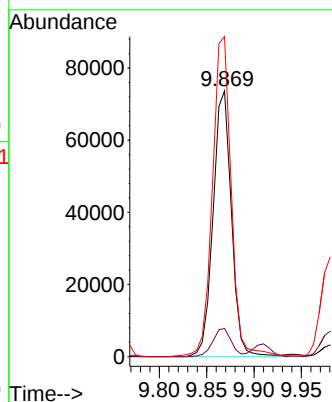
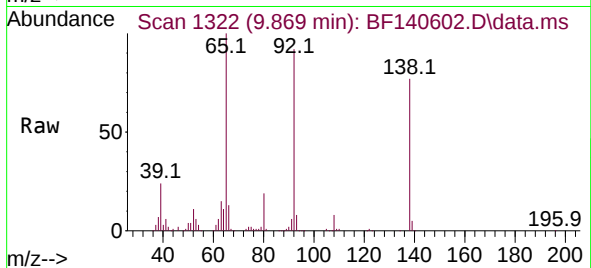
ClientSampleId :

PB165185BS

Tgt Ion:138 Resp: 9941
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 120.4 100.6 150.8

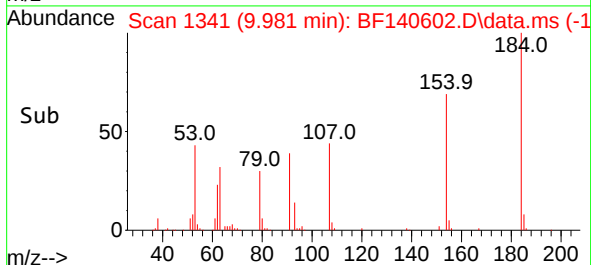
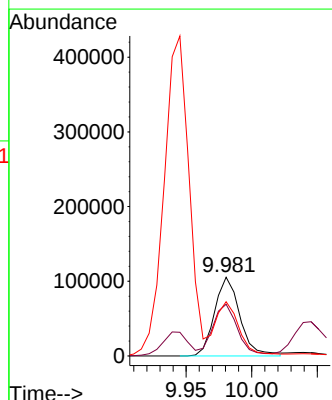
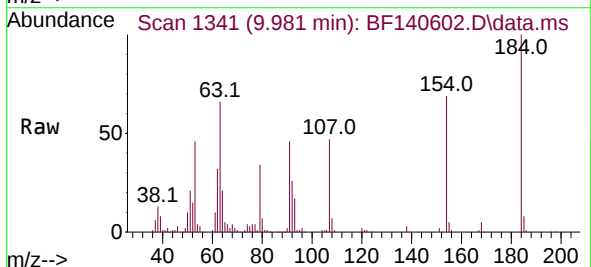
Manual Integrations
APPROVED

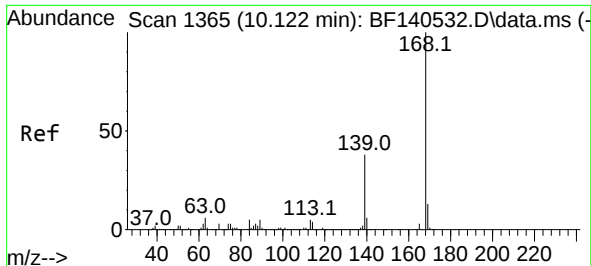
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 89.583 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:184 Resp: 142196
Ion Ratio Lower Upper
184 100
63 65.5 54.1 81.1
154 68.8 57.4 86.0





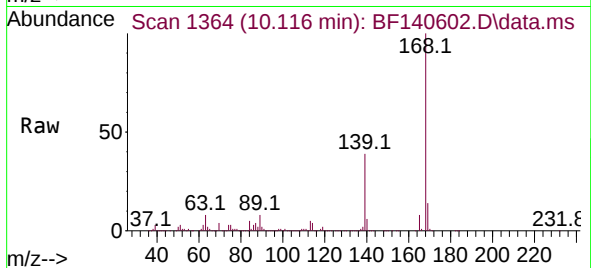
#55
Dibenzofuran
Concen: 51.358 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

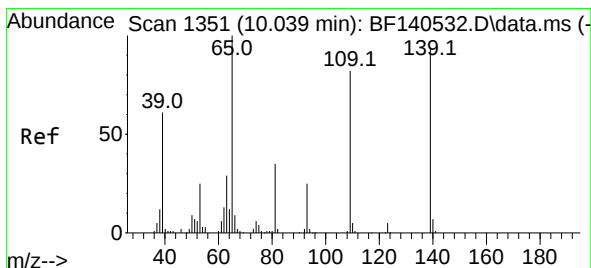
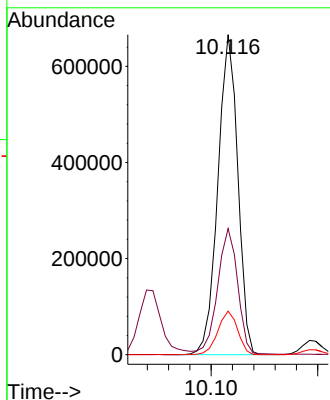
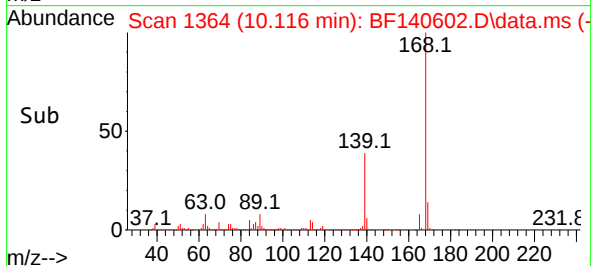


Tgt Ion:168 Resp: 863010
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.6 10.5 15.7

Manual Integrations

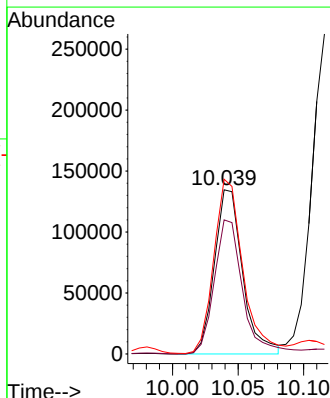
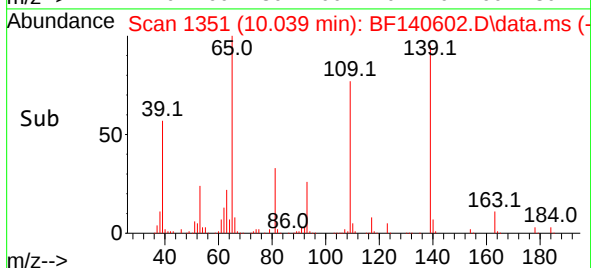
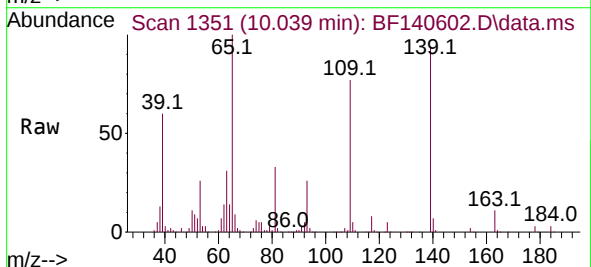
APPROVED

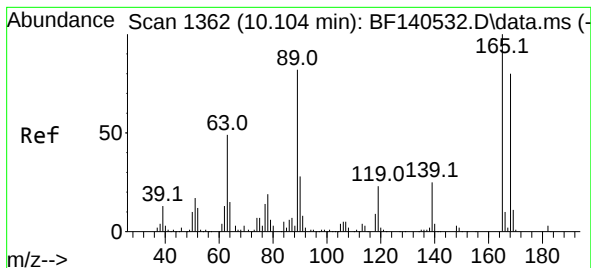
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 99.619 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:139 Resp: 201320
Ion Ratio Lower Upper
139 100
109 81.7 68.4 108.4
65 106.5 88.6 128.6





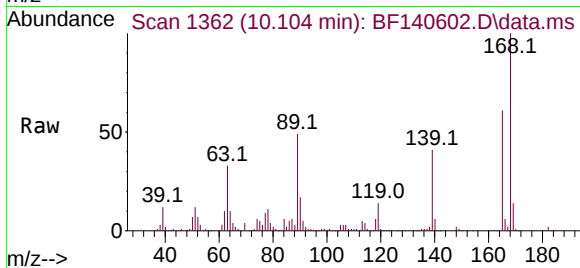
#57
2,4-Dinitrotoluene
Concen: 50.773 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

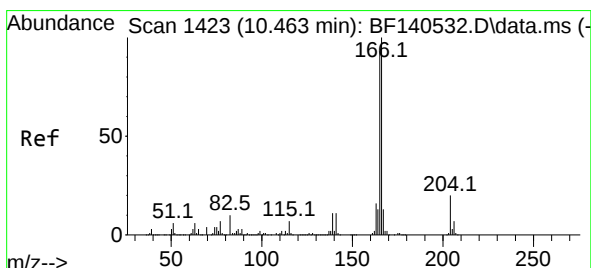
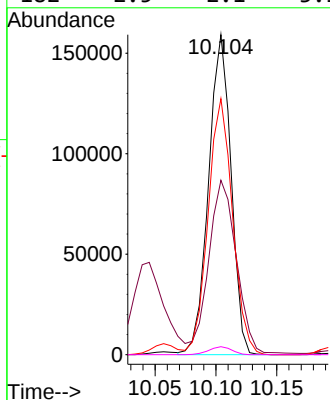
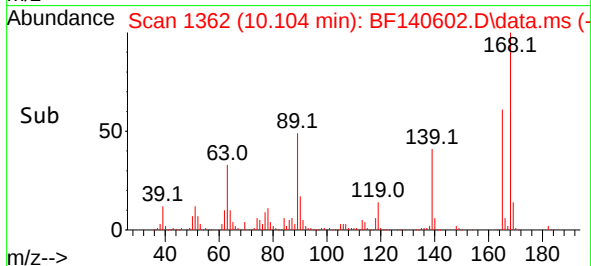


Tgt Ion:165 Resp: 20444
Ion Ratio Lower Upper
165 100
63 54.5 41.7 62.5
89 80.0 65.8 98.8
182 2.5 2.1 3.1

Manual Integrations

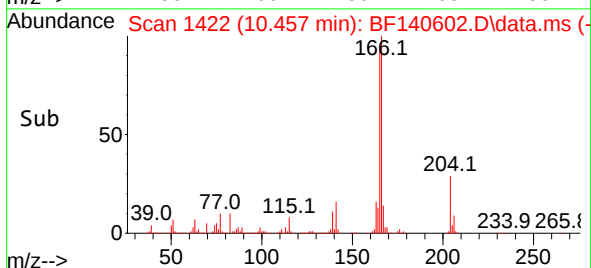
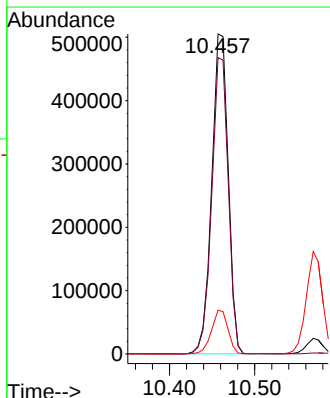
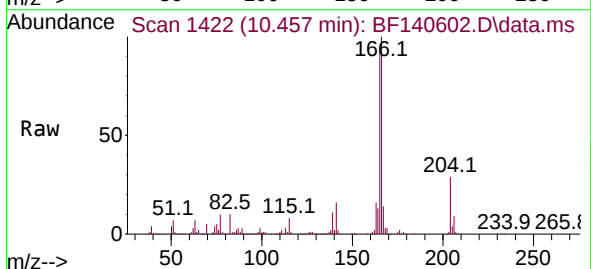
APPROVED

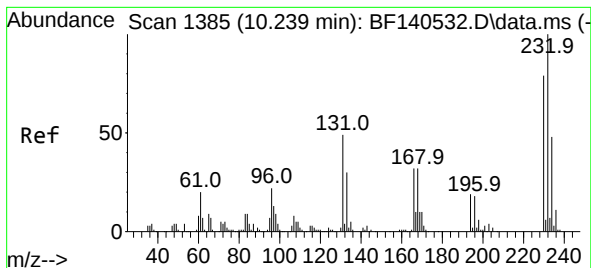
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 50.387 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

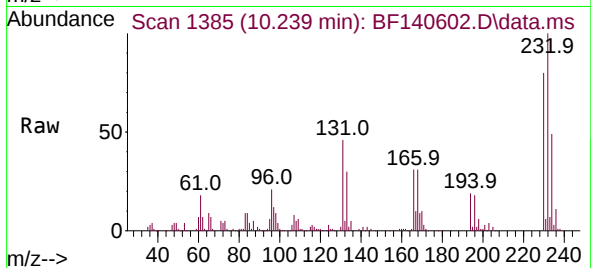
Tgt Ion:166 Resp: 679614
Ion Ratio Lower Upper
166 100
165 92.6 74.6 111.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.085 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

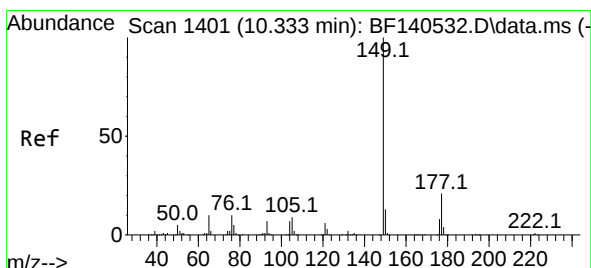
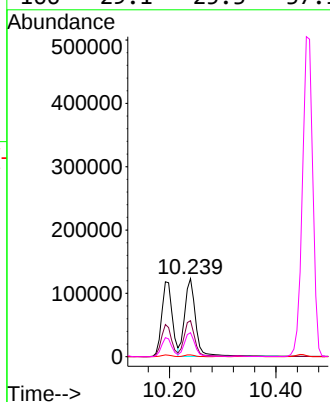
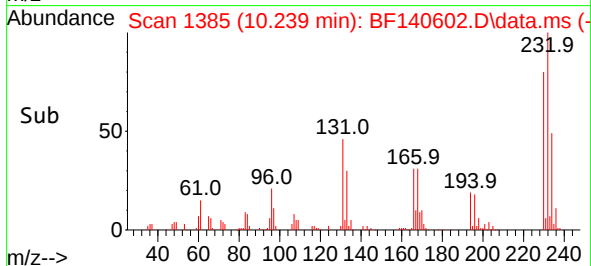
Instrument :
BNA_F
ClientSampleId :
PB165185BS



Tgt Ion:232 Resp: 174300
Ion Ratio Lower Upper
232 100
131 45.6 39.6 59.4
130 2.3 1.9 2.9
166 29.1 25.3 37.9

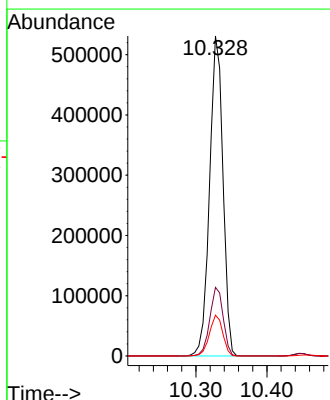
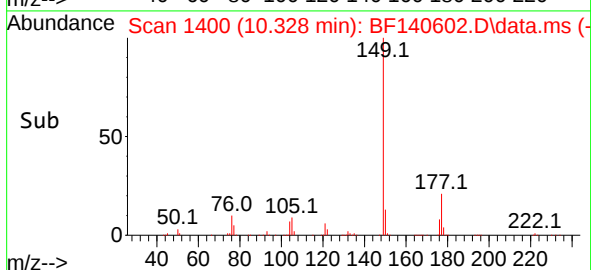
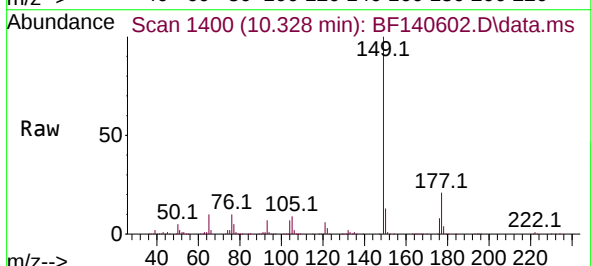
Manual Integrations
APPROVED

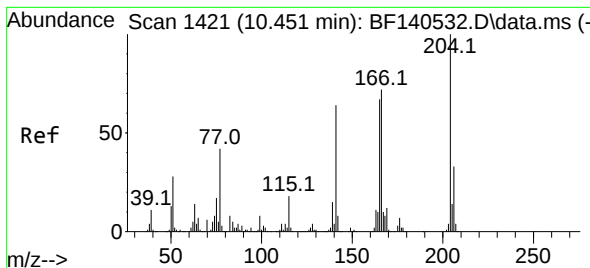
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 51.192 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

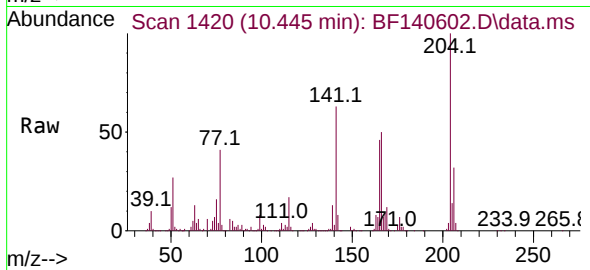
Tgt Ion:149 Resp: 694819
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.625 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

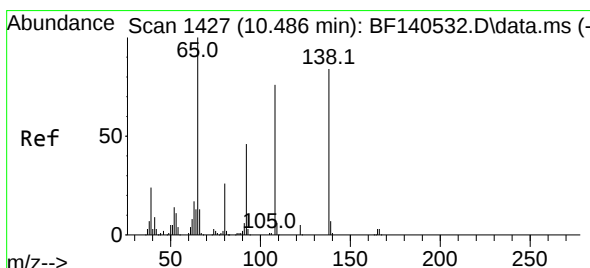
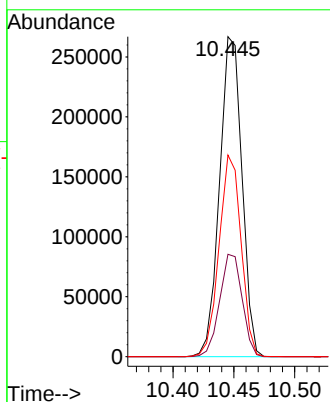
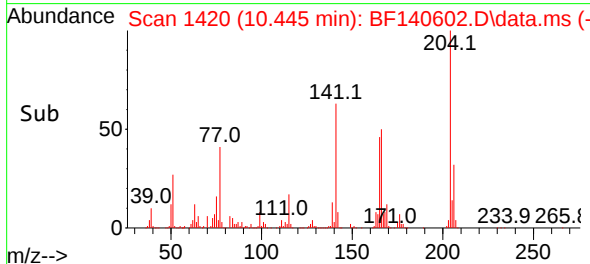
Instrument :
BNA_F
ClientSampleId :
PB165185BS



Tgt Ion:204 Resp: 34171
Ion Ratio Lower Upper
204 100
206 32.0 26.6 40.0
141 63.0 51.1 76.7

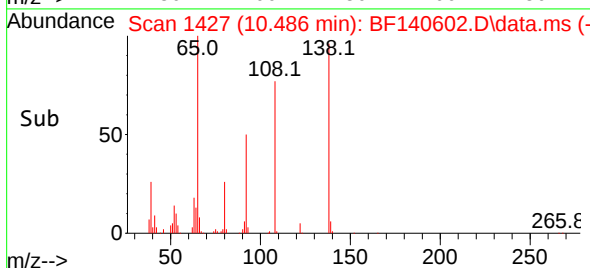
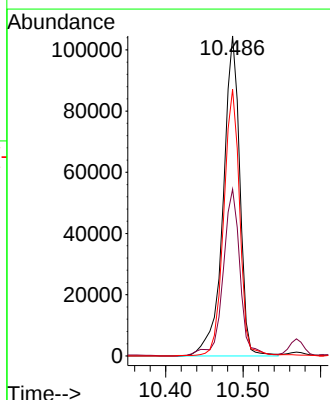
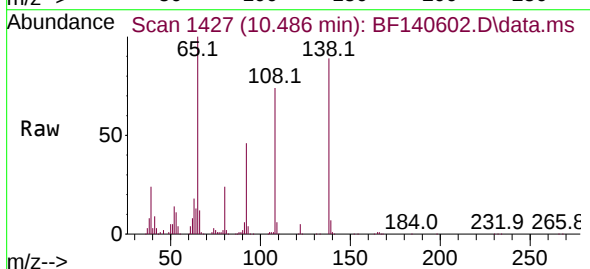
Manual Integrations
APPROVED

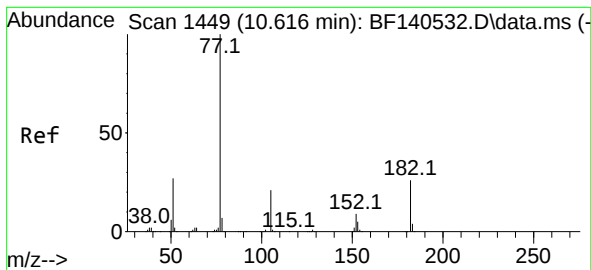
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 50.315 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

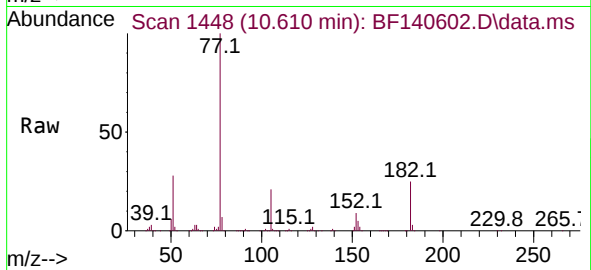
Tgt Ion:138 Resp: 156371
Ion Ratio Lower Upper
138 100
92 52.1 34.5 74.5
108 83.3 70.6 110.6





#63
Azobenzene
Concen: 51.717 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

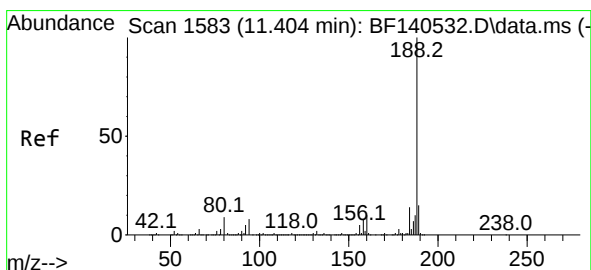
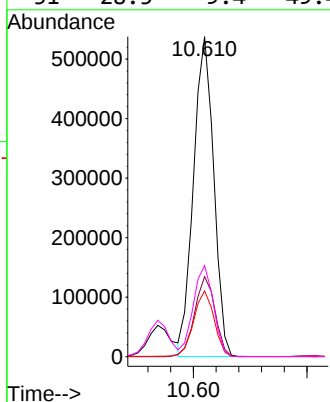
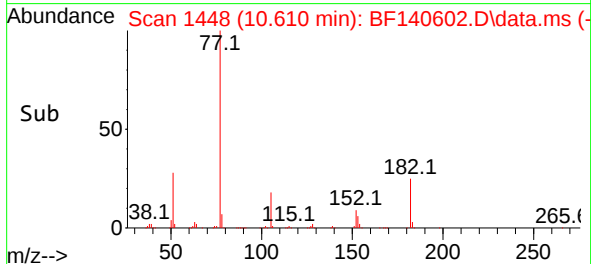
Instrument :
BNA_F
ClientSampleId :
PB165185BS



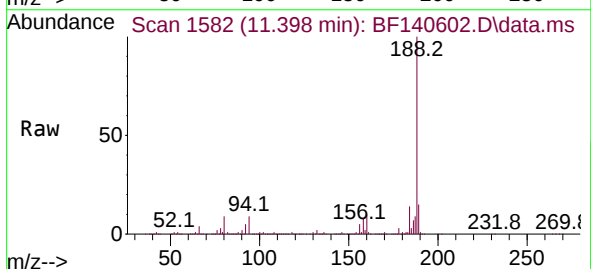
Tgt Ion: 77 Resp: 66474
Ion Ratio Lower Upper
77 100
182 25.0 5.3 45.3
105 20.5 0.3 40.3
51 28.5 9.4 49.4

Manual Integrations
APPROVED

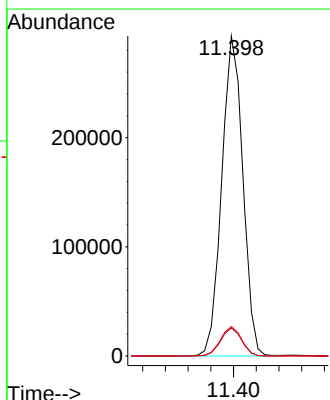
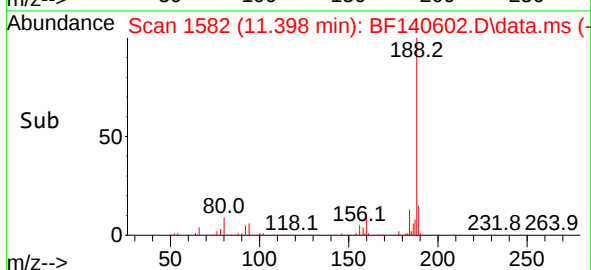
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

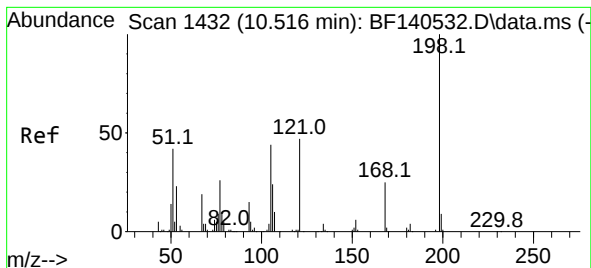


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion:188 Resp: 378422
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.2 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 54.921 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

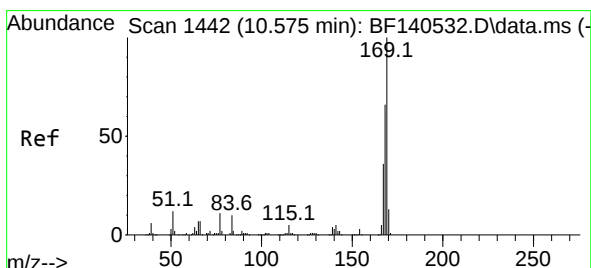
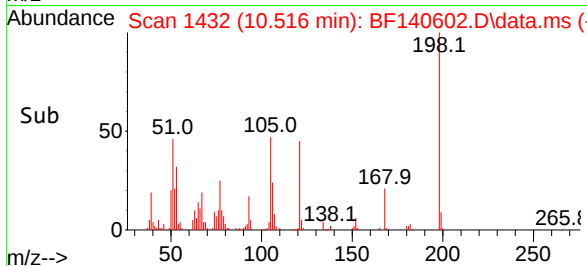
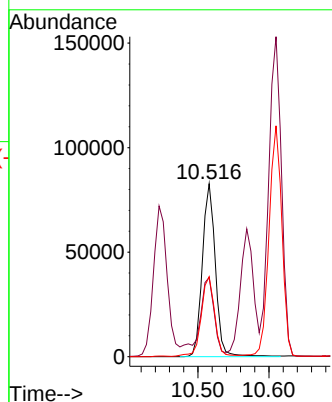
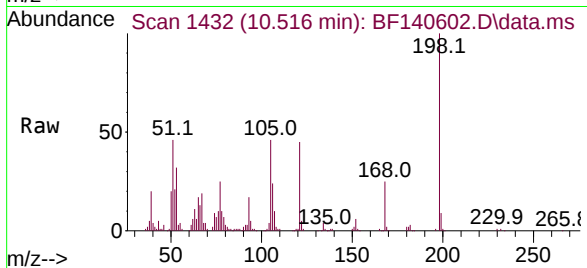
PB165185BS

Tgt Ion:198 Resp: 106204
Ion Ratio Lower Upper
198 100
51 45.8 29.4 69.4
105 46.3 25.4 65.4

Manual Integrations

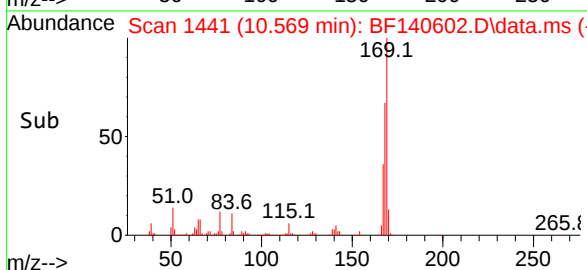
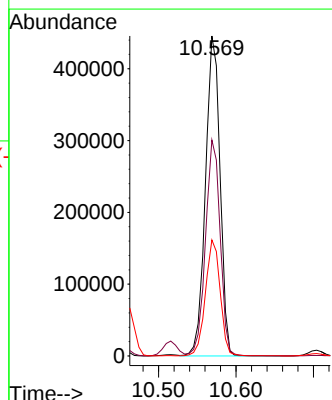
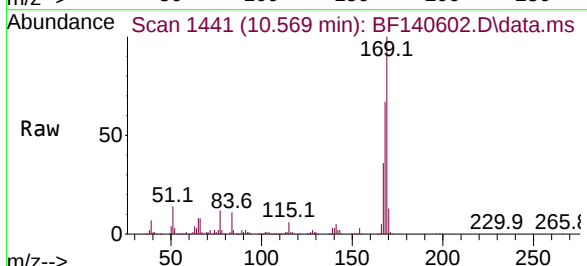
APPROVED

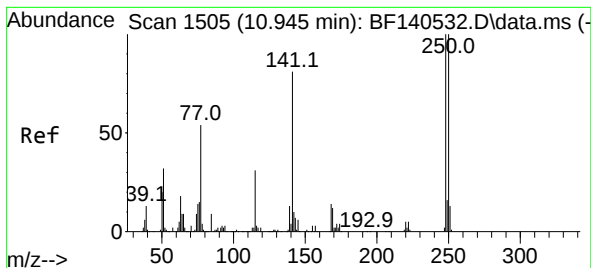
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 52.046 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:169 Resp: 582446
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 51.637 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

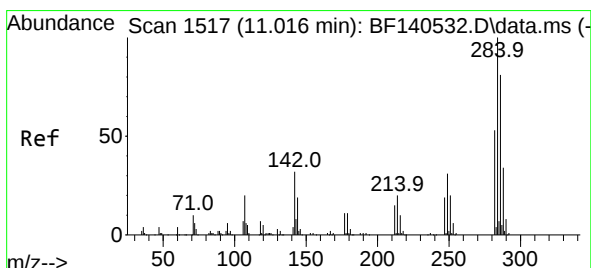
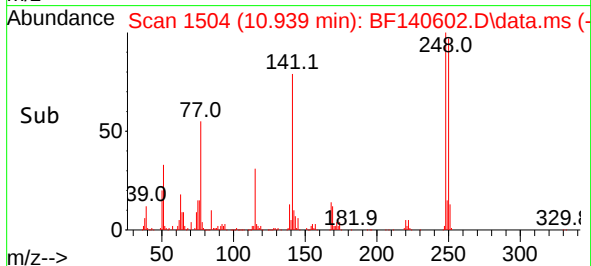
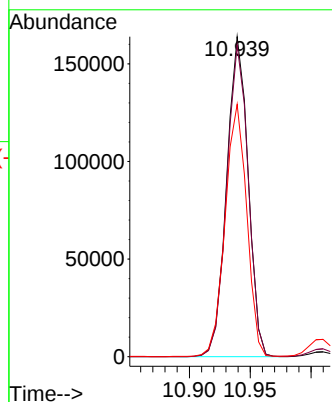
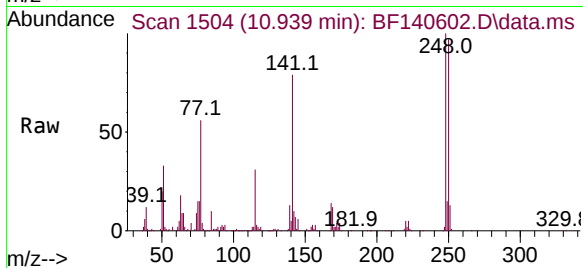
PB165185BS

Tgt Ion:248 Resp: 201240
Ion Ratio Lower Upper
248 100
250 97.4 79.8 119.8
141 78.9 64.7 97.1

Manual Integrations

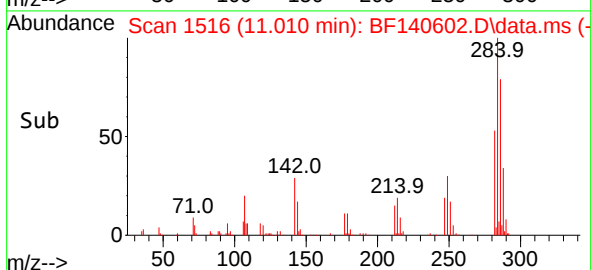
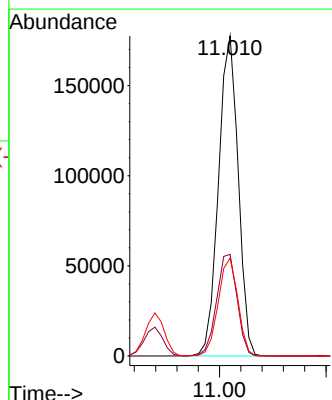
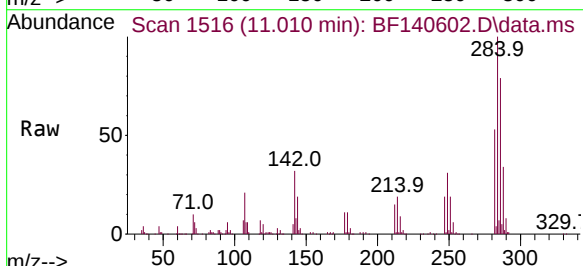
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 50.336 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:284 Resp: 227145
Ion Ratio Lower Upper
284 100
142 31.8 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 60.721 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140602.D

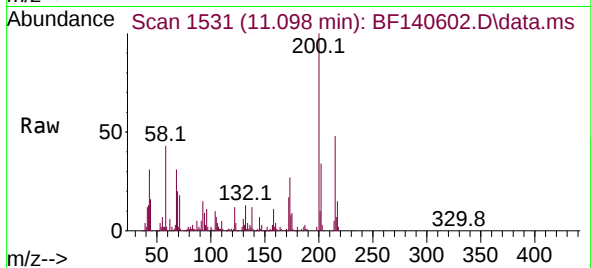
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



Tgt Ion:200 Resp: 191164

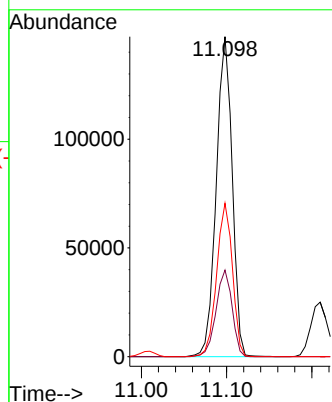
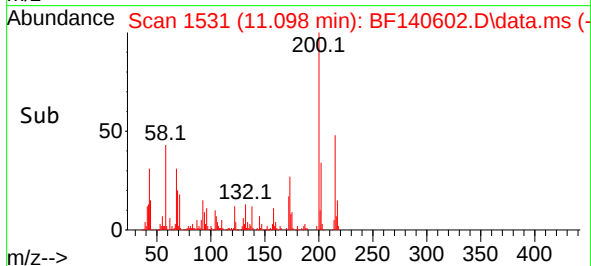
Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.0	47.0
215	48.0	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 105.410 ng

RT: 11.210 min Scan# 1550

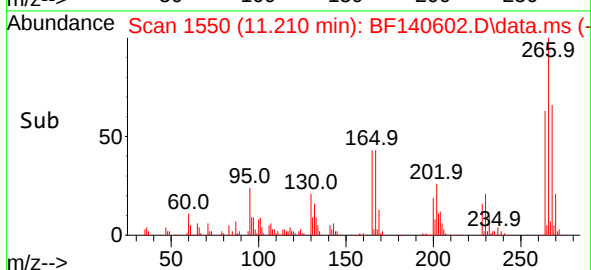
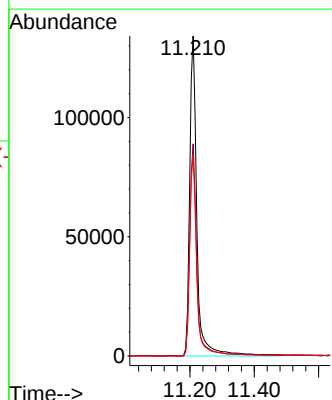
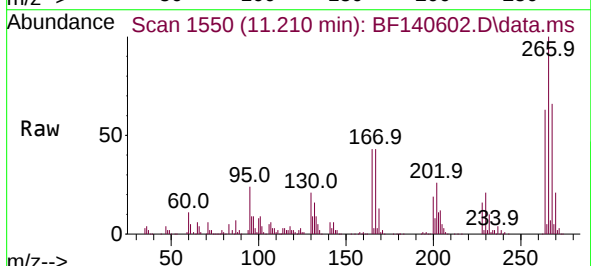
Delta R.T. -0.000 min

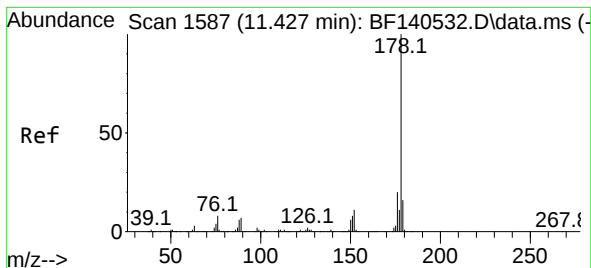
Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Tgt Ion:266 Resp: 209352

Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.7	80.5
264	62.8	49.8	74.8





#71

Phenanthrene

Concen: 52.138 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

Tgt Ion:178 Resp: 94841

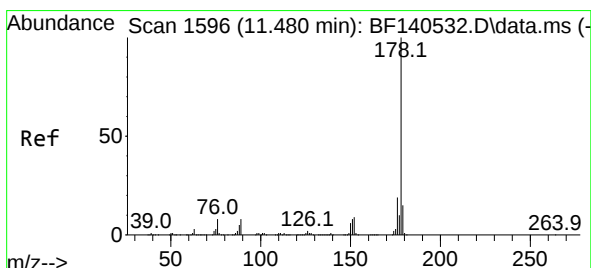
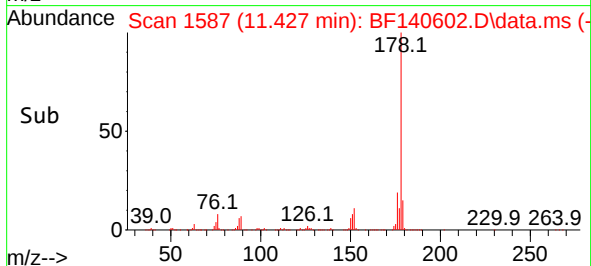
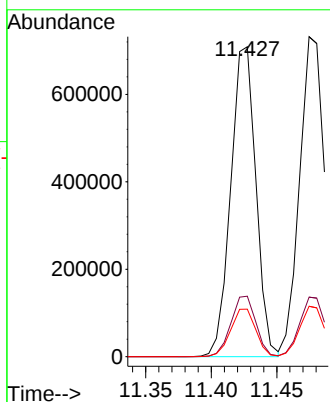
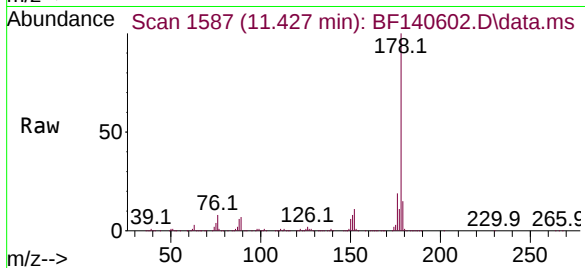
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.3	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#72

Anthracene

Concen: 54.483 ng

RT: 11.475 min Scan# 1595

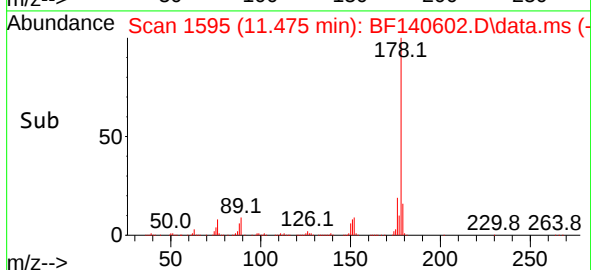
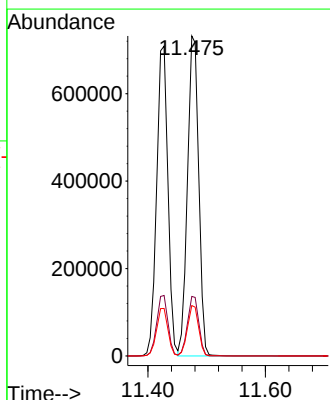
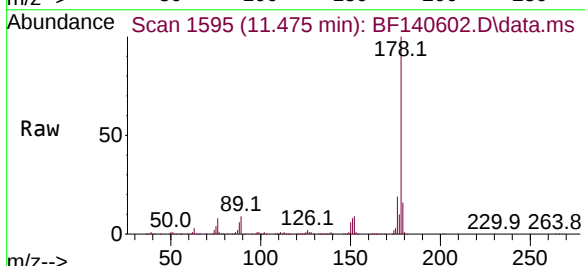
Delta R.T. -0.006 min

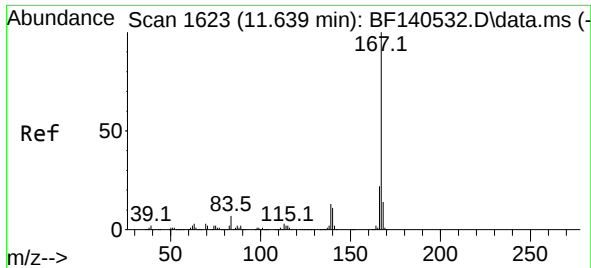
Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Tgt Ion:178 Resp: 969448

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.2	18.4





#73
 Carbazole
 Concen: 50.372 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140602.D
 Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

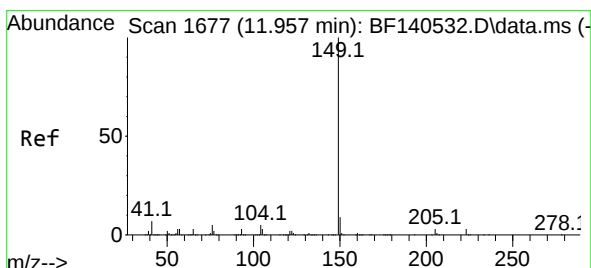
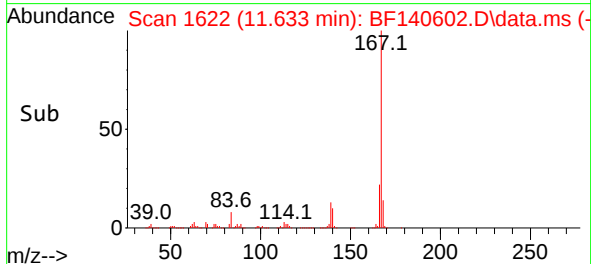
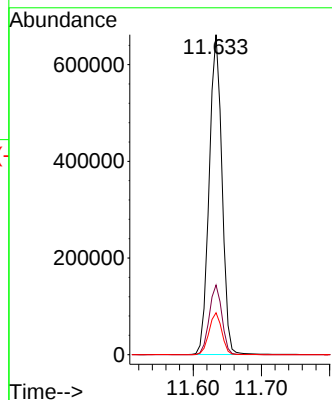
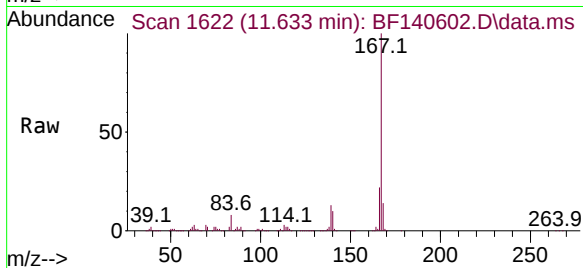
PB165185BS

Tgt Ion:167 Resp: 86225
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.1 10.6 15.8

Manual Integrations

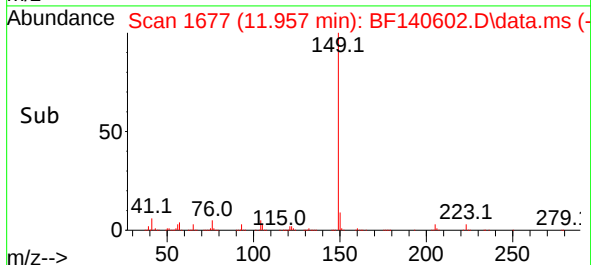
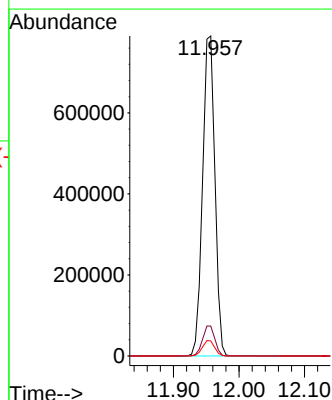
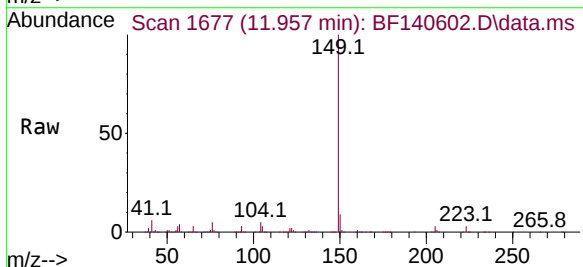
APPROVED

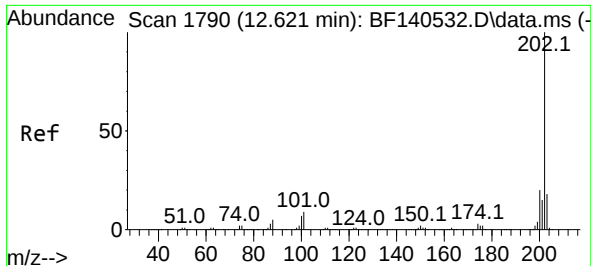
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#74
 Di-n-butylphthalate
 Concen: 52.271 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140602.D
 Acq: 25 Nov 2024 14:54

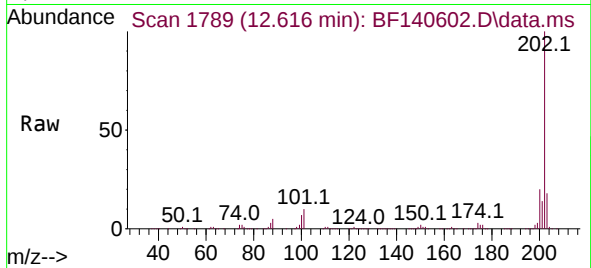
Tgt Ion:149 Resp: 1032988
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.7 4.1 6.1





#75
Fluoranthene
Concen: 51.110 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

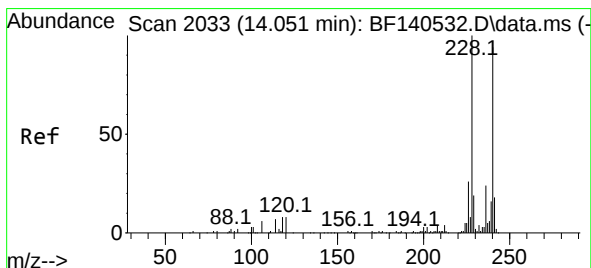
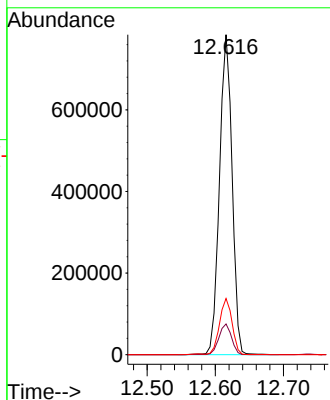
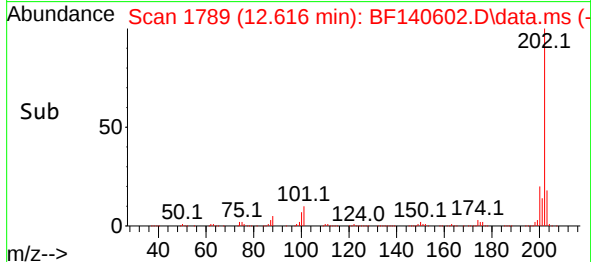
Instrument :
BNA_F
ClientSampleId :
PB165185BS



Tgt Ion:202 Resp: 100942
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.9
203 17.6 0.0 37.6

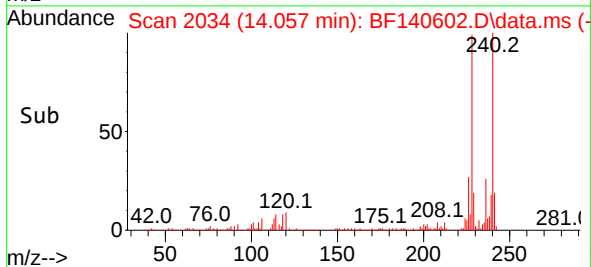
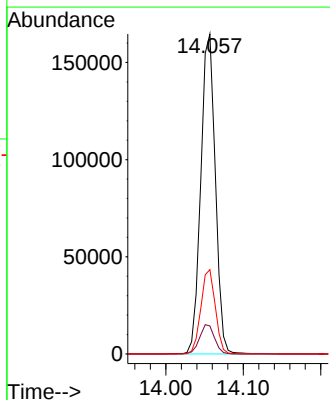
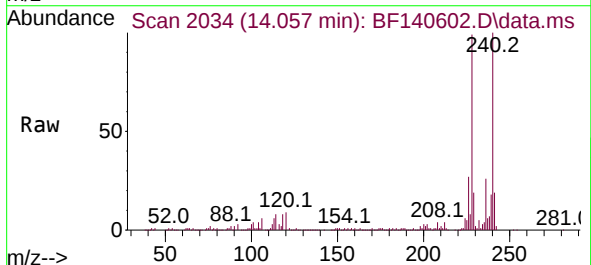
Manual Integrations
APPROVED

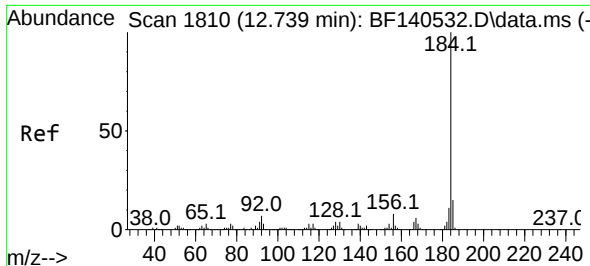
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

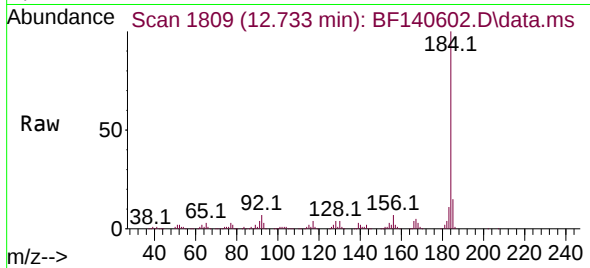
Tgt Ion:240 Resp: 214805
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.3 20.6 31.0





#77
Benzidine
Concen: 45.888 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

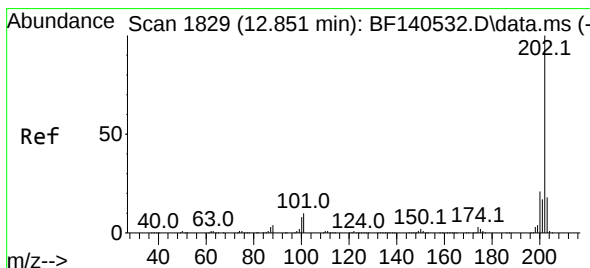
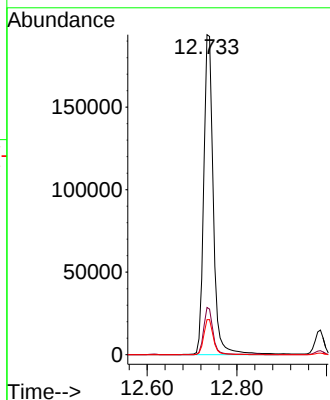
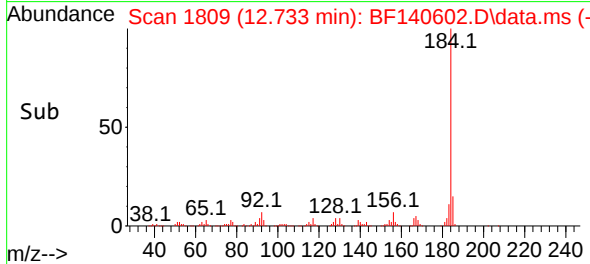
Instrument :
BNA_F
ClientSampleId :
PB165185BS



Tgt Ion:184 Resp: 28658
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.0 8.8 13.2

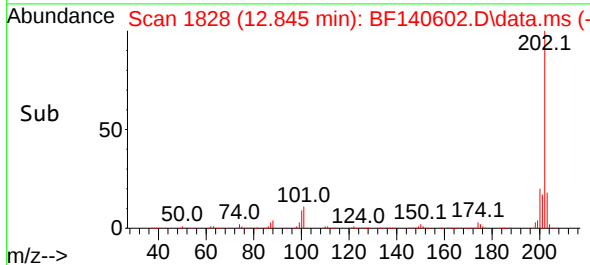
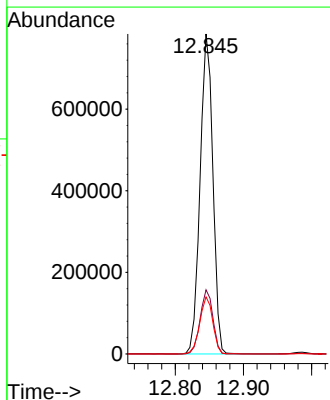
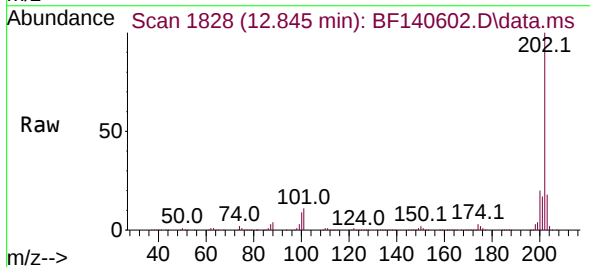
Manual Integrations
APPROVED

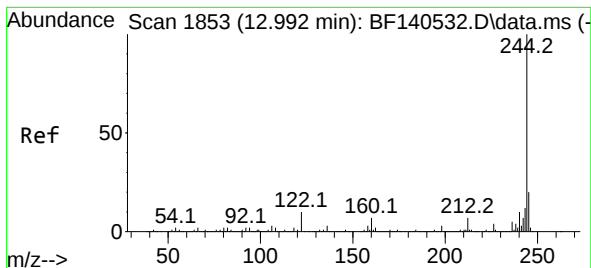
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 51.382 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:202 Resp: 1020526
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 105.201 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140602.D

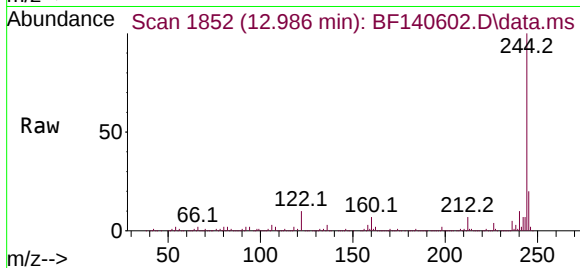
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



Tgt Ion:244 Resp: 1451230

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

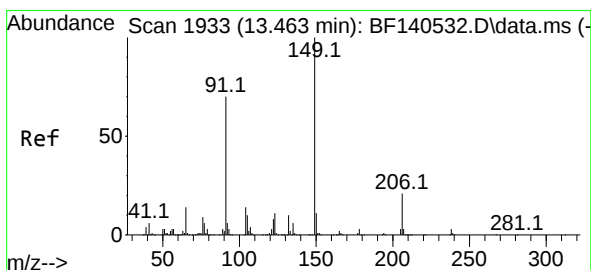
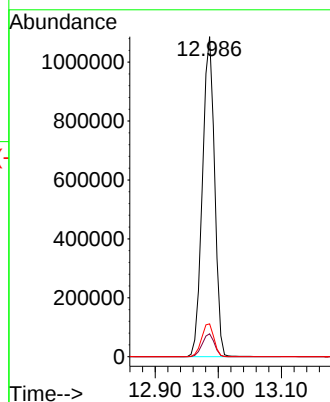
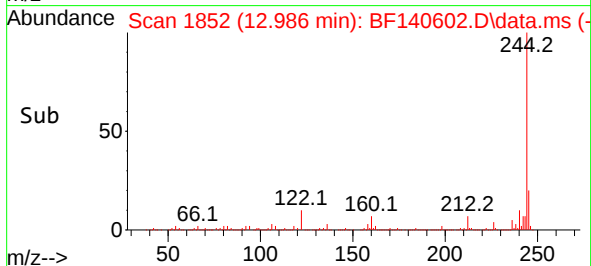
122 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 54.720 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

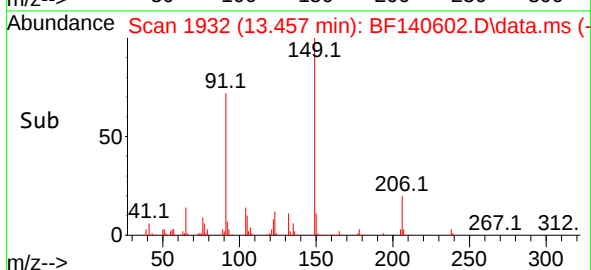
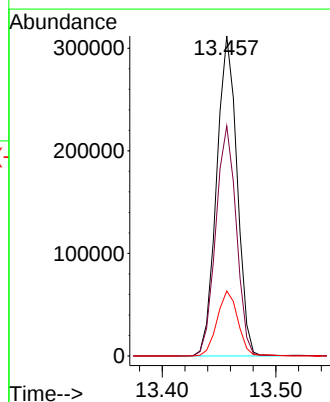
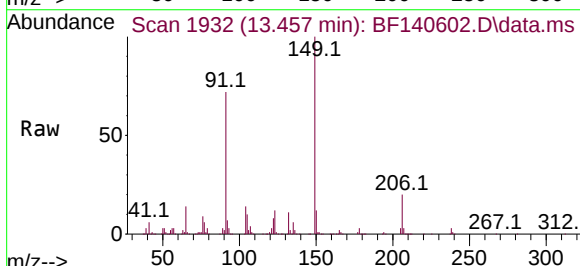
Tgt Ion:149 Resp: 391515

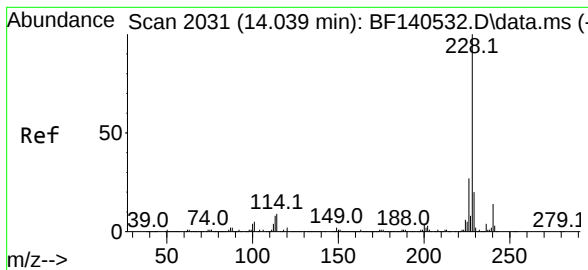
Ion Ratio Lower Upper

149 100

91 71.9 56.2 84.2

206 20.3 16.4 24.6





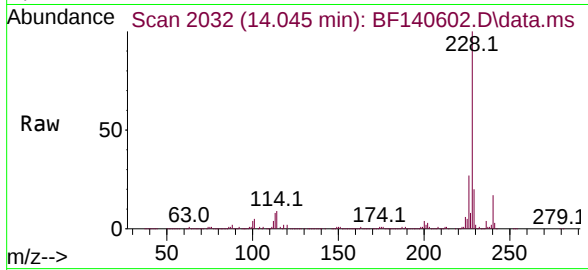
#81
 Benzo(a)anthracene
 Concen: 53.545 ng
 RT: 14.045 min Scan# 2031
 Delta R.T. 0.006 min
 Lab File: BF140602.D
 Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



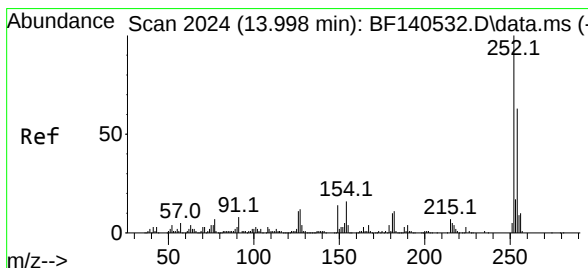
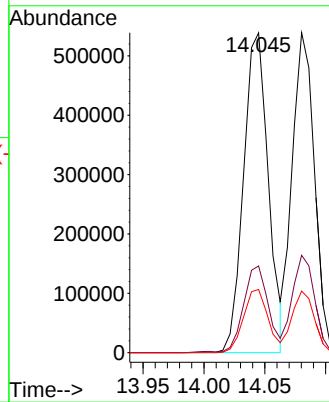
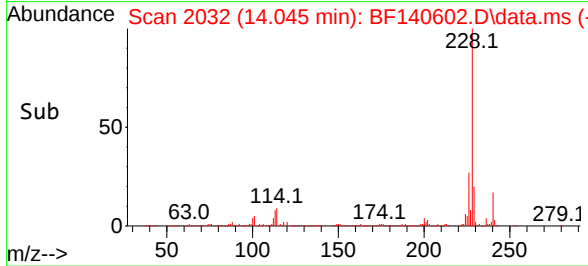
Tgt Ion:228 Resp: 761370
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.8 32.8
 229 19.8 15.8 23.6

Manual Integrations

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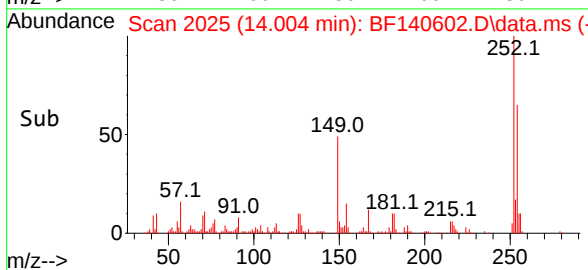
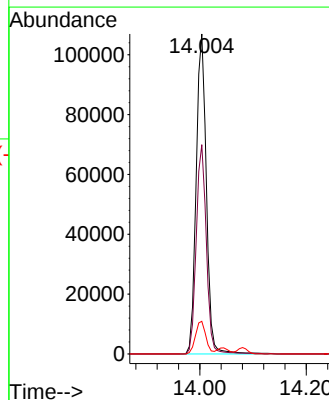
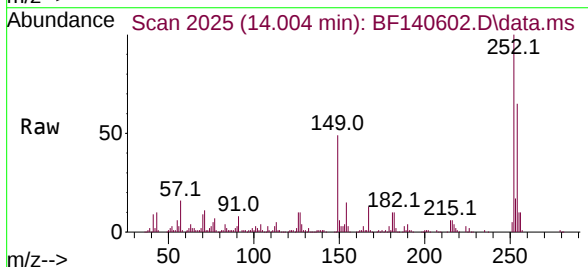
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 33.343 ng
 RT: 14.004 min Scan# 2025
 Delta R.T. 0.006 min
 Lab File: BF140602.D
 Acq: 25 Nov 2024 14:54

Tgt Ion:252 Resp: 142346
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.8 76.2
 126 10.2 8.6 13.0





#83

Chrysene

Concen: 52.978 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

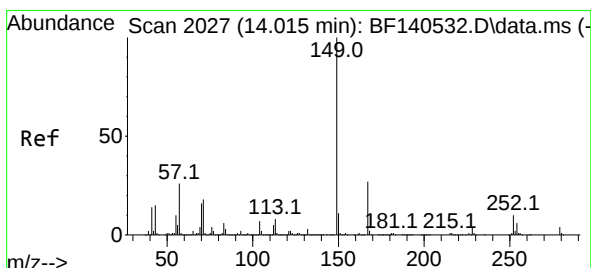
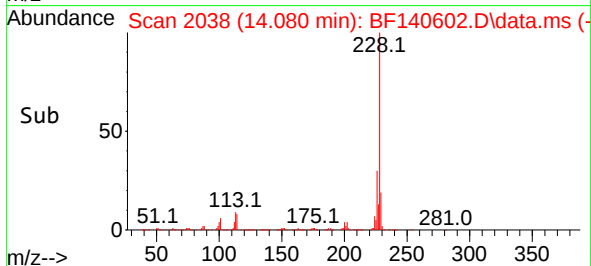
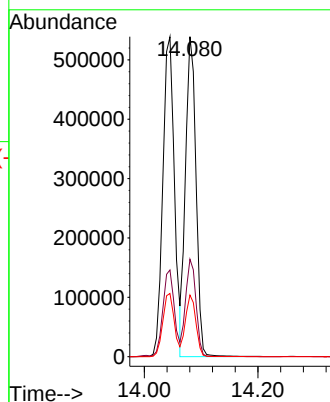
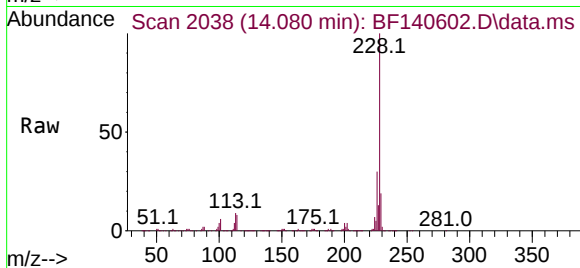
Tgt Ion:	228	Resp:	68881
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.4	36.6
229	19.3	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.467 ng

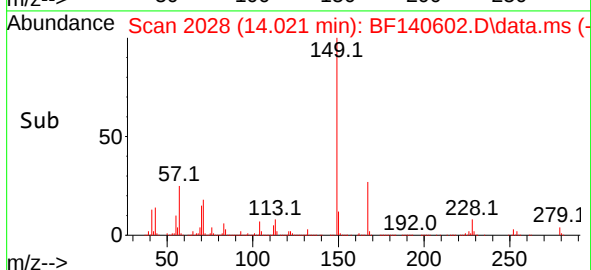
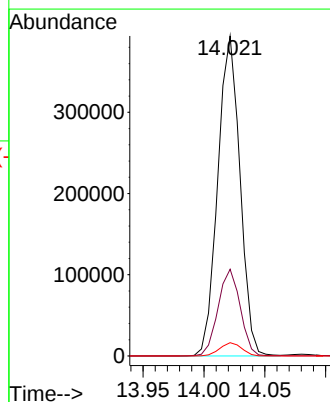
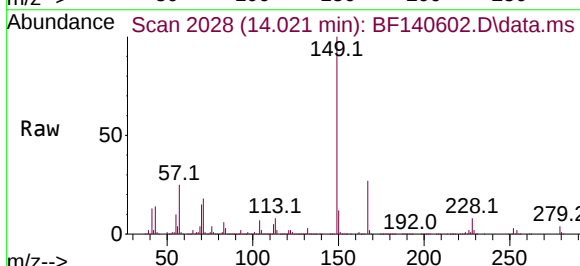
RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Tgt Ion:	149	Resp:	501114
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.2	31.8
279	4.1	3.2	4.8





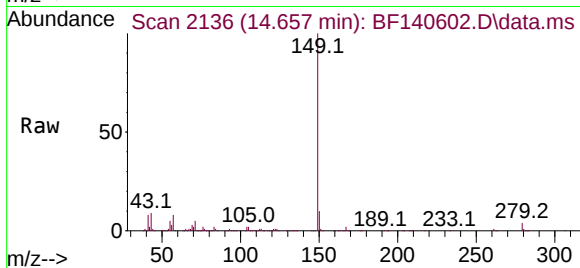
#85
Di-n-octyl phthalate
Concen: 57.095 ng
RT: 14.657 min Scan# 2136
Delta R.T. 0.024 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS



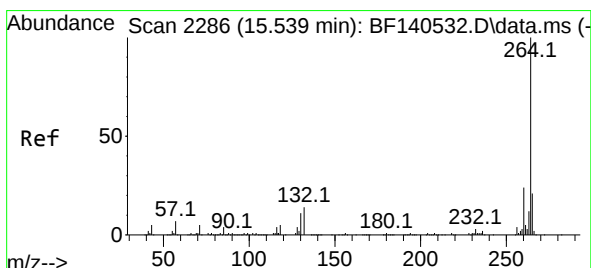
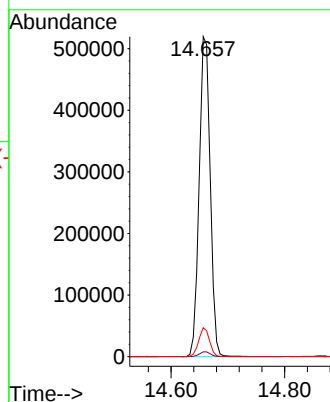
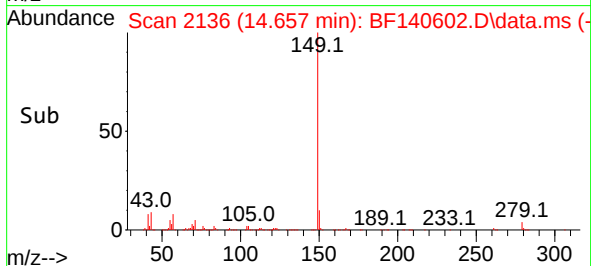
Tgt Ion:149 Resp: 70494
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.7 11.5

Manual Integrations

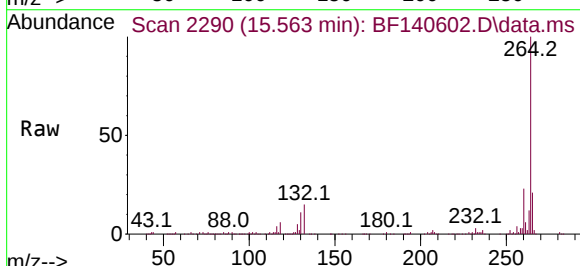
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

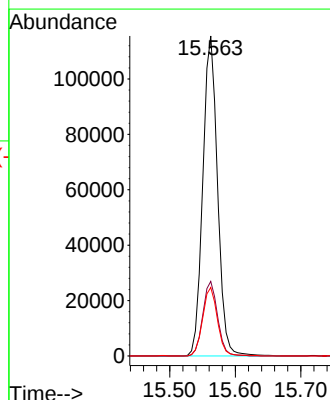
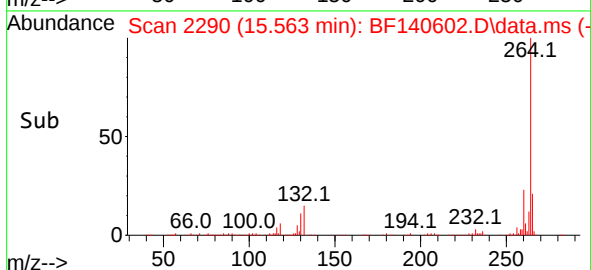
Supervised By :mohammad ahmed 11/27/2024

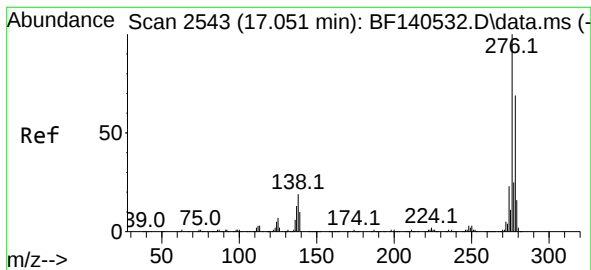


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.024 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54



Tgt Ion:264 Resp: 181047
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.571 ng

RT: 17.074 min Scan# 2116

Delta R.T. 0.024 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

Tgt Ion:276 Resp: 608469

Ion Ratio Lower Upper

276 100

138 21.3 15.5 23.3

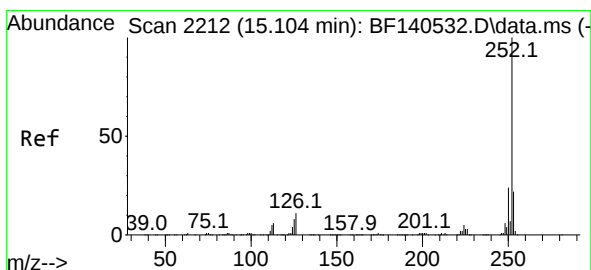
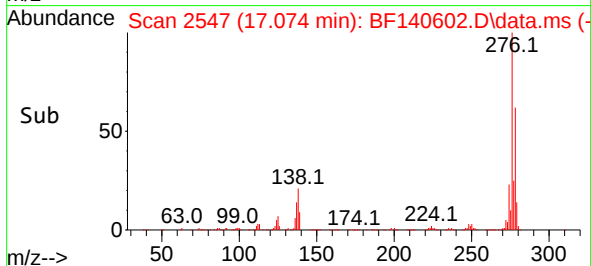
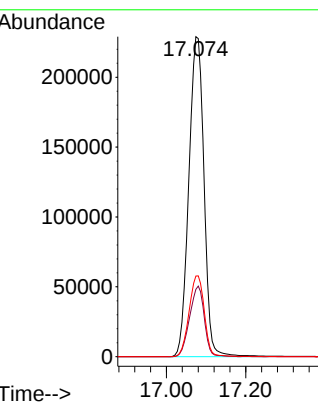
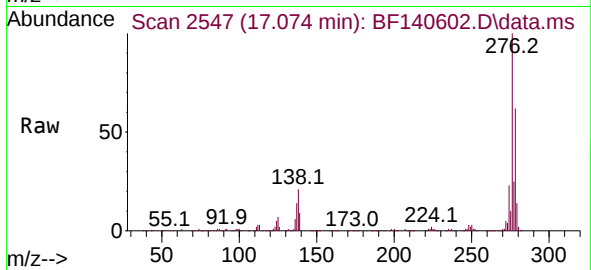
277 25.3 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 50.466 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.024 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

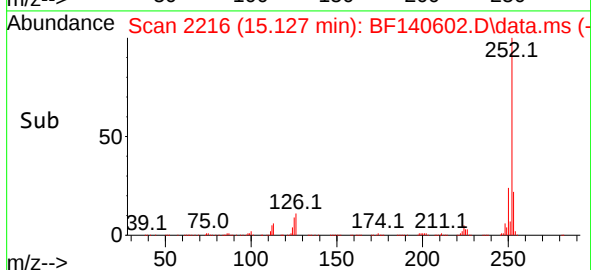
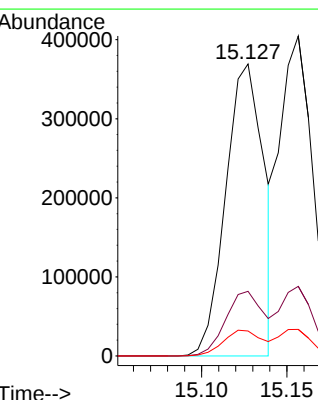
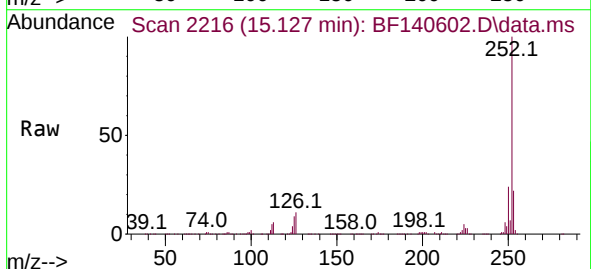
Tgt Ion:252 Resp: 573889

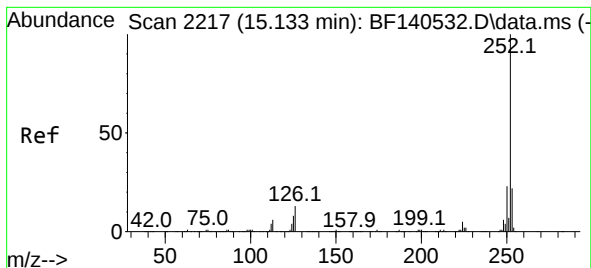
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.061 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB165185BS

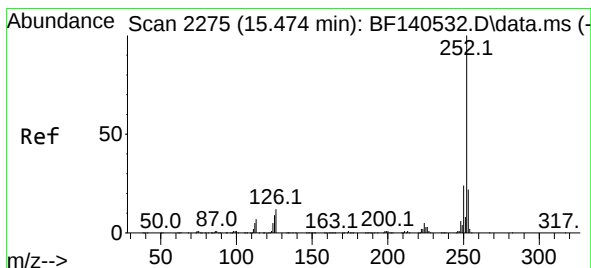
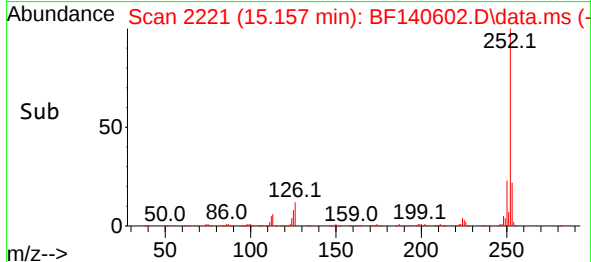
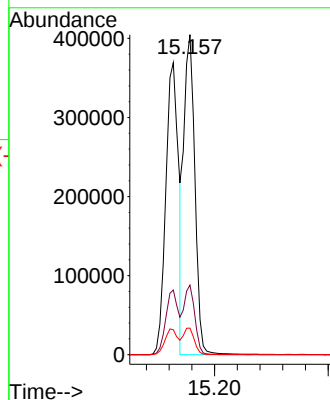
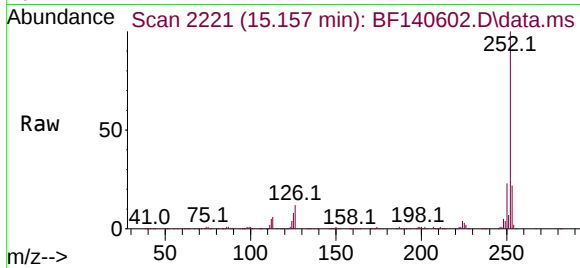
Tgt Ion:252 Resp: 54792
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 8.3 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 56.624 ng

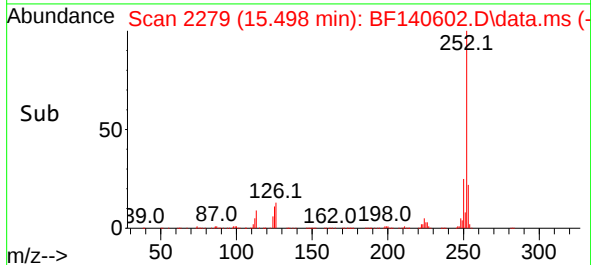
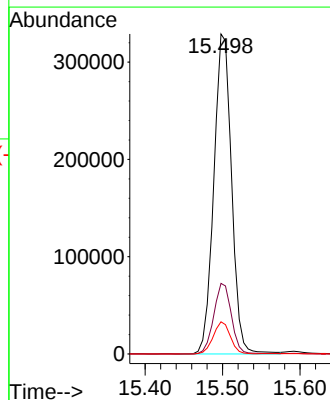
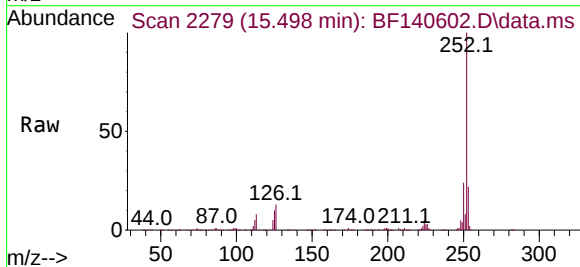
RT: 15.498 min Scan# 2279

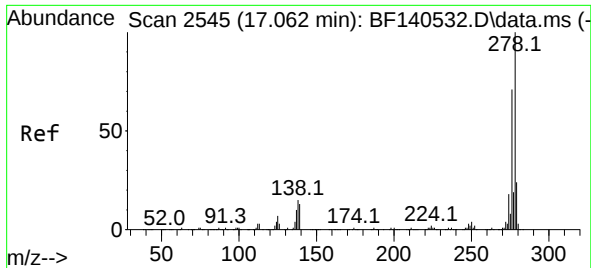
Delta R.T. 0.024 min

Lab File: BF140602.D

Acq: 25 Nov 2024 14:54

Tgt Ion:252 Resp: 523559
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 10.1 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 51.729 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Instrument :

BNA_F

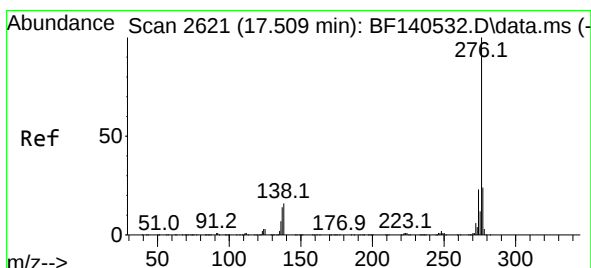
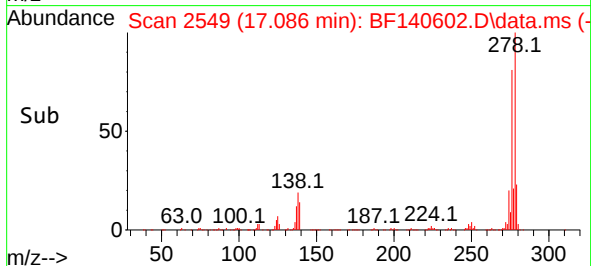
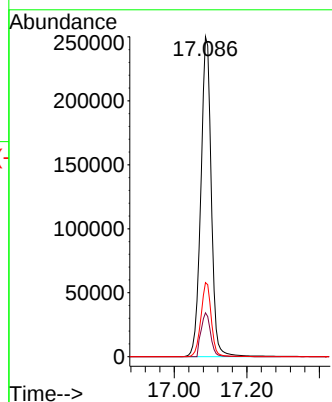
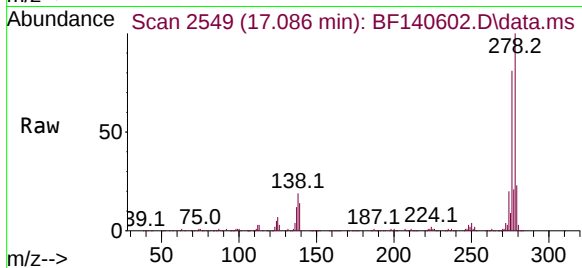
ClientSampleId :

PB165185BS

Tgt Ion:278 Resp: 49983
Ion Ratio Lower Upper
278 100
139 13.7 10.2 15.4
279 23.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 46.011 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.018 min
Lab File: BF140602.D
Acq: 25 Nov 2024 14:54

Tgt Ion:276 Resp: 453673
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 18.4 13.2 19.8

