

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133961.D
 Acq On : 26 Jun 2023 19:56
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062623

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 26 23:13:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	131215	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	484510	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	245309	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	451008	20.000	ng	0.00
76) Chrysene-d12	14.045	240	281139	20.000	ng	0.00
86) Perylene-d12	15.545	264	246066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	594707	75.815	ng	0.00
7) Phenol-d6	6.492	99	761594	78.948	ng	0.00
23) Nitrobenzene-d5	7.416	82	711523	79.162	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	233983	76.075	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1289651	76.435	ng	0.00
79) Terphenyl-d14	12.980	244	1365393	78.164	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	126118	38.993	ng	98
3) Pyridine	3.410	79	335290	39.798	ng	98
4) n-Nitrosodimethylamine	3.381	42	188588	39.194	ng	96
6) Aniline	6.522	93	478851	40.792	ng	98
8) 2-Chlorophenol	6.639	128	314723	39.524	ng	97
9) Benzaldehyde	6.404	77	215487	40.892	ng	96
10) Phenol	6.504	94	404898	39.919	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	297832	39.884	ng	99
12) 1,3-Dichlorobenzene	6.792	146	330828	38.970	ng	98
13) 1,4-Dichlorobenzene	6.869	146	335648	39.145	ng	99
14) 1,2-Dichlorobenzene	7.022	146	318184	39.622	ng	98
15) Benzyl Alcohol	6.992	79	295719	39.764	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	533281	40.367	ng	99
17) 2-Methylphenol	7.104	107	285806	40.082	ng	98
18) Hexachloroethane	7.357	117	126526	39.796	ng	92
19) n-Nitroso-di-n-propyla...	7.269	70	235778	38.540	ng	98
20) 3+4-Methylphenols	7.257	107	338808	39.166	ng	# 83
22) Acetophenone	7.263	105	424093	38.487	ng	97
24) Nitrobenzene	7.433	77	361735	39.827	ng	96
25) Isophorone	7.669	82	637800	39.044	ng	98
26) 2-Nitrophenol	7.751	139	180421	41.408	ng	95
27) 2,4-Dimethylphenol	7.786	122	272827	39.557	ng	99
28) bis(2-Chloroethoxy)met...	7.880	93	366328	38.729	ng	99
29) 2,4-Dichlorophenol	7.986	162	268766	39.298	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	276140	39.130	ng	99
31) Naphthalene	8.157	128	921860	39.390	ng	100
32) Benzoic acid	7.904	122	219990m	42.566	ng	
33) 4-Chloroaniline	8.204	127	394317	39.388	ng	100
34) Hexachlorobutadiene	8.269	225	172278	38.700	ng	99
35) Caprolactam	8.586	113	91138	40.472	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	302439	39.364	ng	99
37) 2-Methylnaphthalene	8.845	142	641877	38.784	ng	99
38) 1-Methylnaphthalene	8.945	142	589945	38.344	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	293647	40.405	ng	98
41) Hexachlorocyclopentadiene	8.992	237	143349	41.576	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	193846	39.181	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	231276	39.741	ng	98
46) 1,1'-Biphenyl	9.310	154	776886	39.480	ng	99
47) 2-Chloronaphthalene	9.339	162	564133	39.183	ng	99
48) 2-Nitroaniline	9.433	65	215694	41.107	ng	99
49) Acenaphthylene	9.751	152	976923	39.721	ng	99
50) Dimethylphthalate	9.616	163	704253	39.549	ng	99
51) 2,6-Dinitrotoluene	9.680	165	157137	40.971	ng	94
52) Acenaphthene	9.927	154	564497	39.555	ng	99
53) 3-Nitroaniline	9.851	138	188853	41.045	ng	96
54) 2,4-Dinitrophenol	9.957	184	86353	40.967	ng	94
55) Dibenzofuran	10.098	168	883533	39.614	ng	99
56) 4-Nitrophenol	10.010	139	137151	42.614	ng	94
57) 2,4-Dinitrotoluene	10.086	165	208123	41.090	ng	97
58) Fluorene	10.445	166	686283	39.551	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	184494	40.191	ng	100
60) Diethylphthalate	10.316	149	731255	39.416	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	323277	38.659	ng	99
62) 4-Nitroaniline	10.469	138	187546	40.446	ng	99
63) Azobenzene	10.598	77	667066	38.012	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	115551	46.994	ng	79
66) n-Nitrosodiphenylamine	10.557	169	612625	42.514	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	205587	42.887	ng	96
68) Hexachlorobenzene	10.992	284	216552	42.547	ng	95
69) Atrazine	11.086	200	166137	41.681	ng	99
70) Pentachlorophenol	11.186	266	124633	40.954	ng	98
71) Phenanthrene	11.410	178	903934	39.813	ng	100
72) Anthracene	11.463	178	928065	39.299	ng	99
73) Carbazole	11.616	167	878934	40.663	ng	98
74) Di-n-butylphthalate	11.951	149	1046757	40.723	ng	100
75) Fluoranthene	12.604	202	1036993	42.248	ng	100
77) Benzidine	12.727	184	267486	39.986	ng	99
78) Pyrene	12.833	202	1045698	39.967	ng	99
80) Butylbenzylphthalate	13.457	149	376918	38.411	ng	100
81) Benzo(a)anthracene	14.033	228	760598	39.010	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	228869	37.051	ng	98
83) Chrysene	14.068	228	705036	37.334	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	460777	40.866	ng	100
85) Di-n-octyl phthalate	14.639	149	660551	39.870	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	749676	43.906	ng	100
88) Benzo(b)fluoranthene	15.104	252	589738	40.759	ng	99
89) Benzo(k)fluoranthene	15.133	252	571633	38.803	ng	99
90) Benzo(a)pyrene	15.480	252	562979	40.238	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	611348	43.836	ng	98
92) Benzo(g,h,i)perylene	17.562	276	674300	46.885	ng	98

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



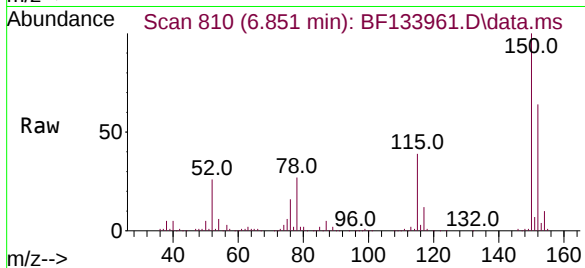
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133961.D
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BNA_F

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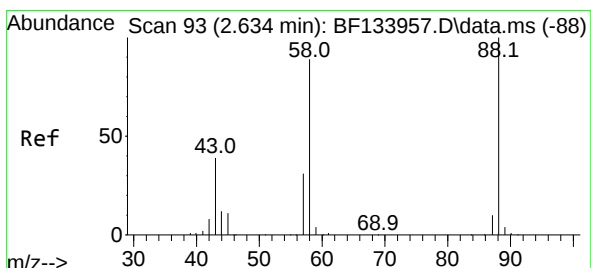
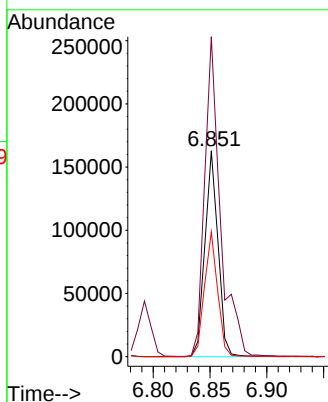
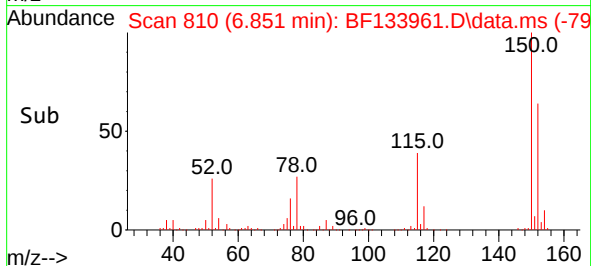


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Ion Ratio Lower Upper
152 100
150 155.4 124.5 186.7
115 60.6 50.2 75.2

Manual Integrations

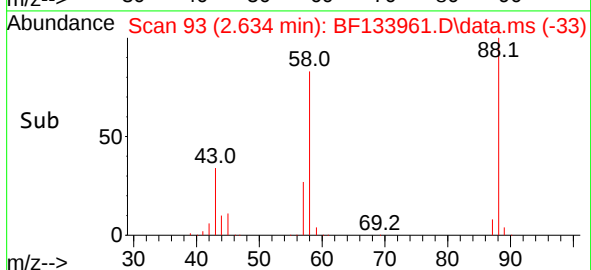
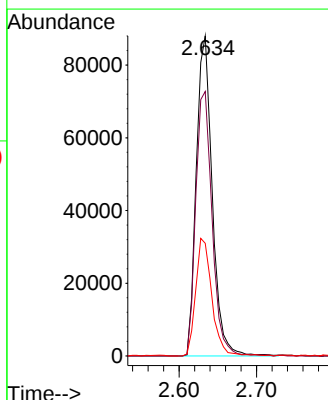
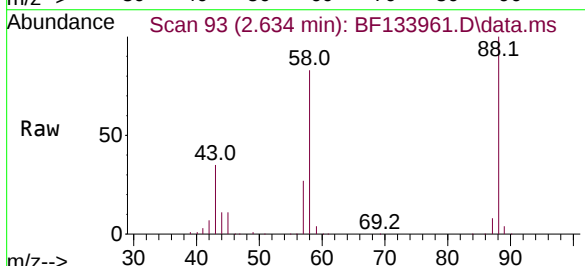
APPROVED

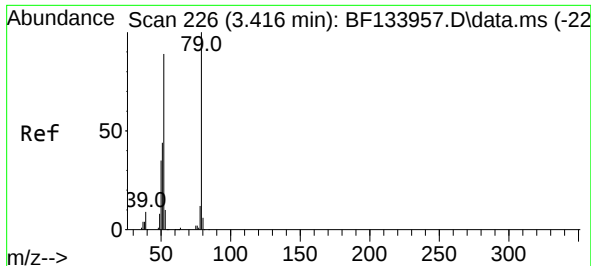
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#2
1,4-Dioxane
Concen: 38.993 ng
RT: 2.634 min Scan# 93
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

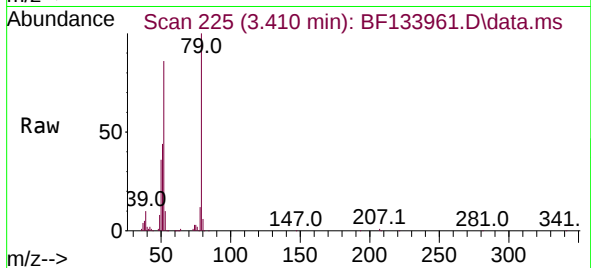
Tgt Ion: 88 Resp: 126118
Ion Ratio Lower Upper
88 100
58 84.6 68.8 103.2
43 37.4 30.7 46.1





#3
Pyridine
Concen: 39.798 ng
RT: 3.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

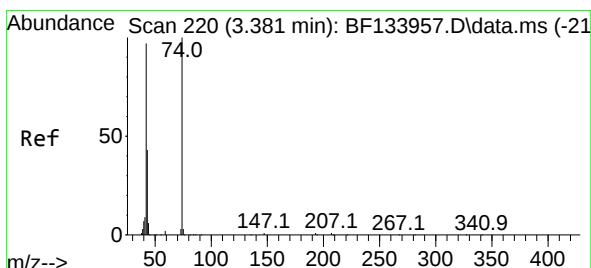
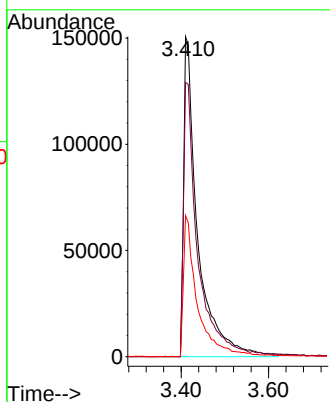
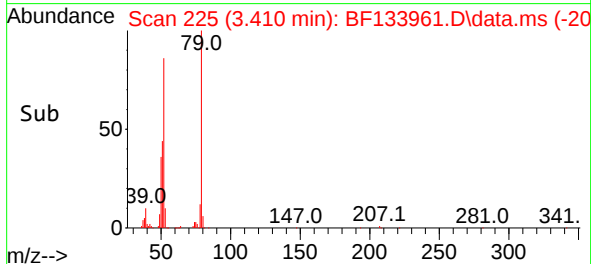
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



Tgt Ion: 79 Resp: 335290
Ion Ratio Lower Upper
79 100
52 85.7 71.1 106.7
51 44.1 35.2 52.8

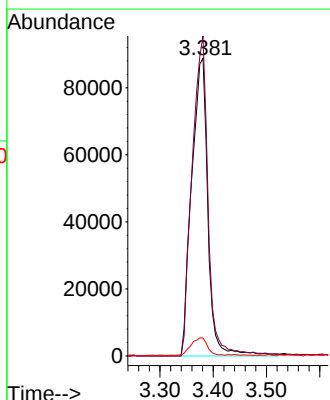
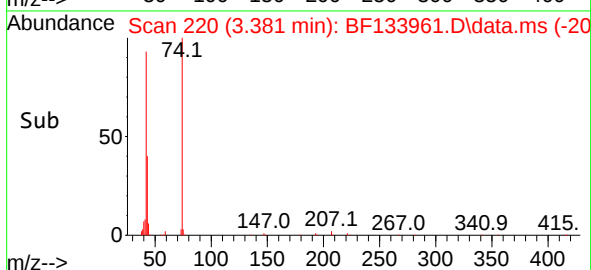
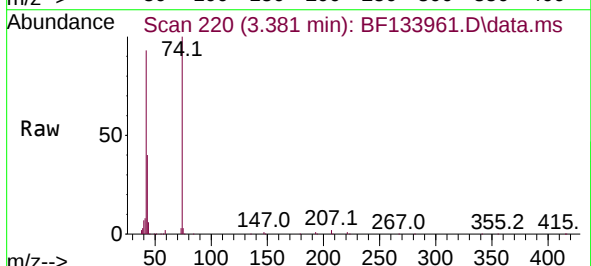
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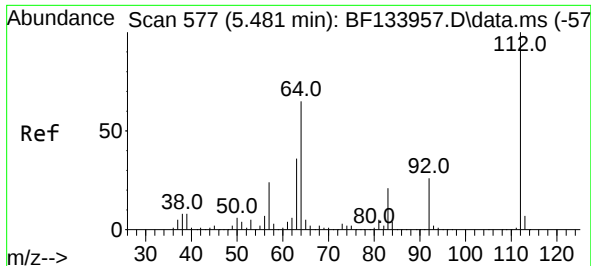
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#4
n-Nitrosodimethylamine
Concen: 39.194 ng
RT: 3.381 min Scan# 220
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion: 42 Resp: 188588
Ion Ratio Lower Upper
42 100
74 107.5 82.4 123.6
44 6.1 4.9 7.3





#5
2-Fluorophenol
Concen: 75.815 ng
RT: 5.481 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

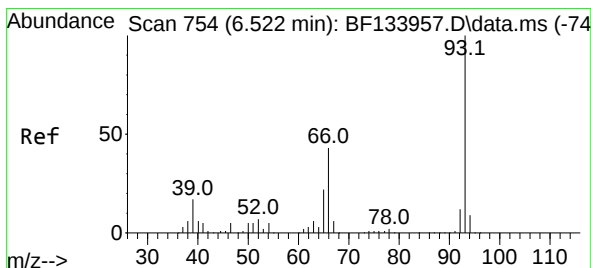
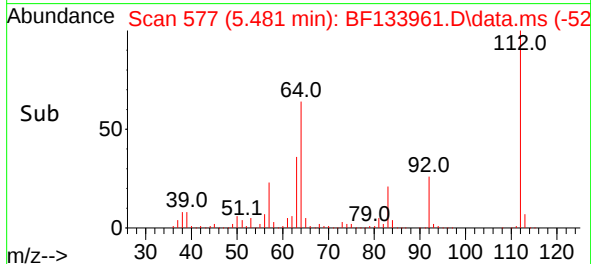
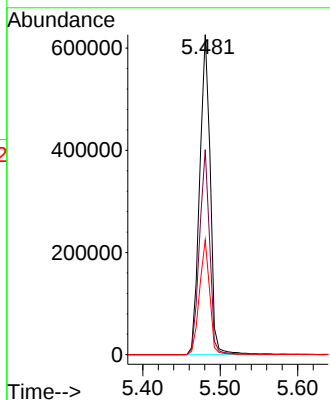
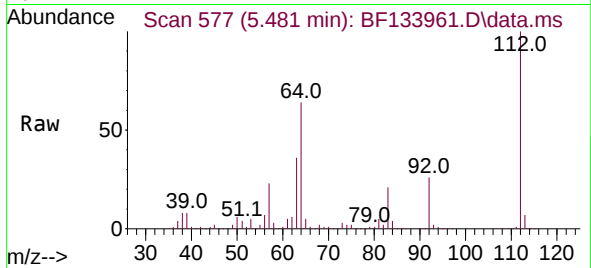
ClientSampleId :

ICVBF062623

Tgt Ion:112 Resp: 59470
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 35.9 28.6 42.8

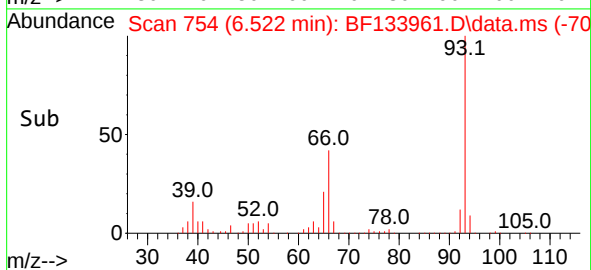
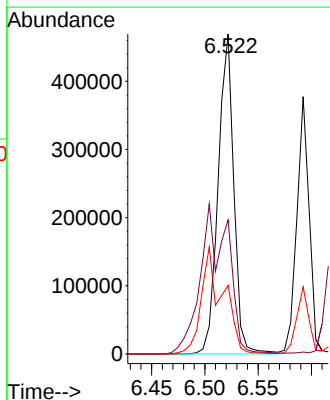
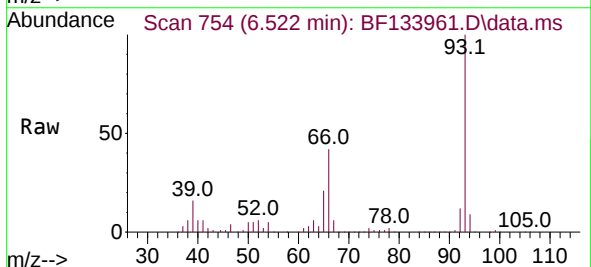
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#6
Aniline
Concen: 40.792 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

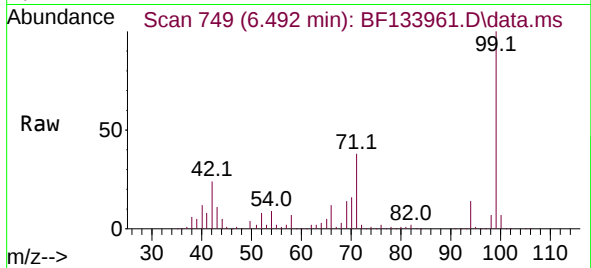
Tgt Ion: 93 Resp: 478851
Ion Ratio Lower Upper
93 100
66 41.9 34.5 51.7
65 21.5 17.8 26.6





#7
Phenol-d6
Concen: 78.948 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

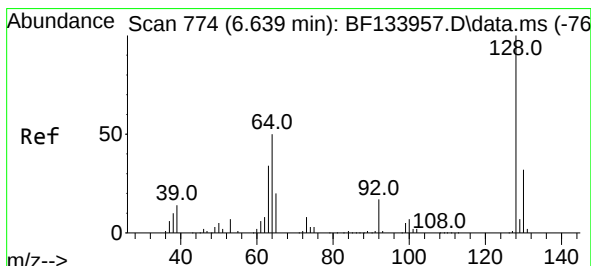
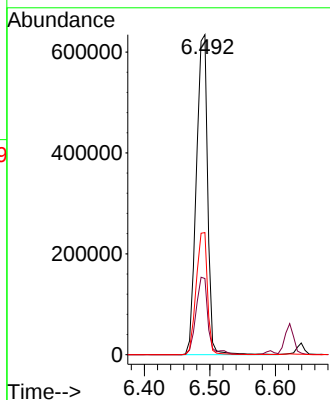
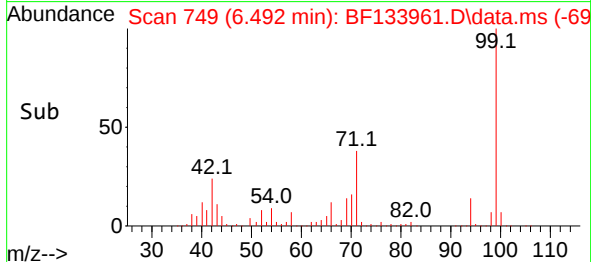
Instrument :
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Tgt Ion: 99 Resp: 761594
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 38.2 31.9 47.9

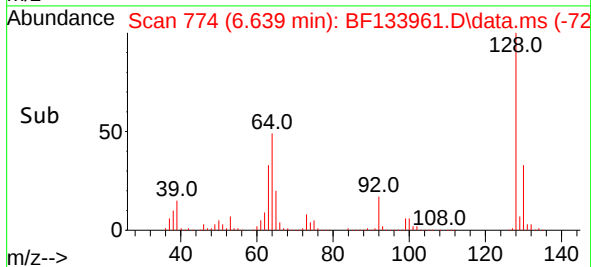
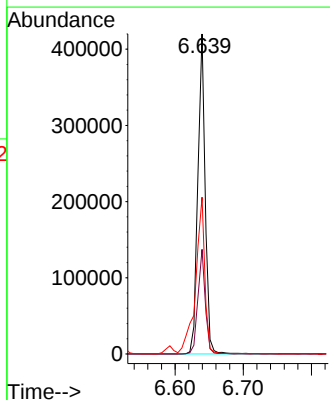
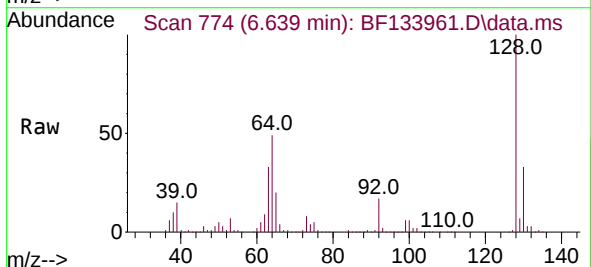
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#8
2-Chlorophenol
Concen: 39.524 ng
RT: 6.639 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:128 Resp: 314723
Ion Ratio Lower Upper
128 100
130 32.7 11.7 51.7
64 49.0 31.3 71.3





#9
Benzaldehyde
Concen: 40.892 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

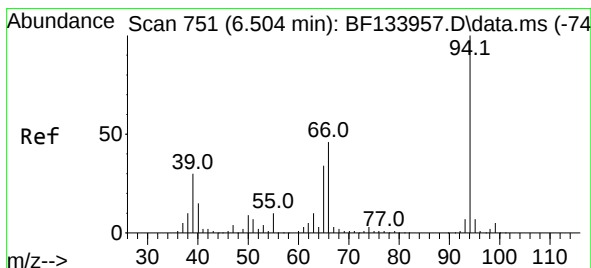
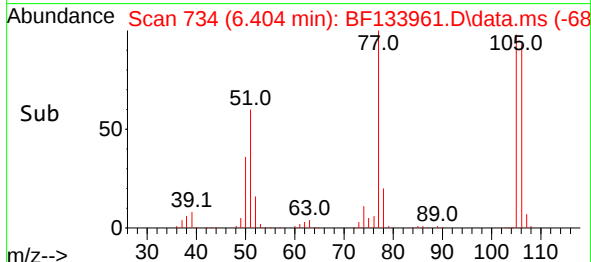
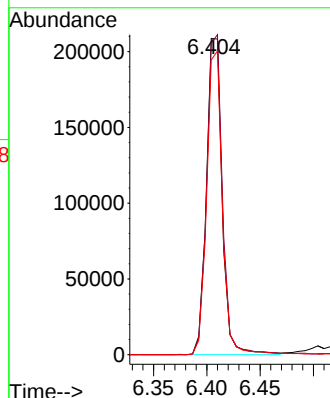
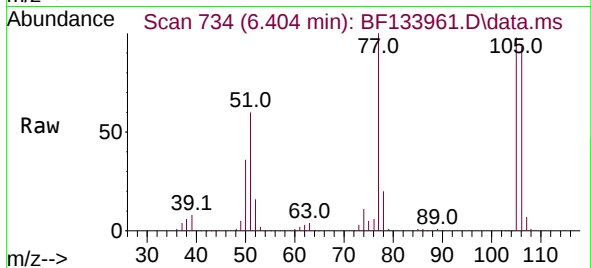
ClientSampleId :

ICVBF062623

Tgt Ion: 77 Resp: 21548
Ion Ratio Lower Upper
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105 98.5 82.0 122.0
106 93.2 76.9 116.9

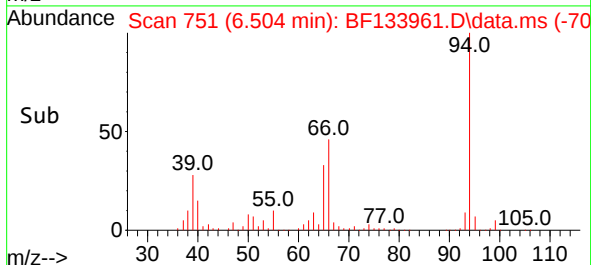
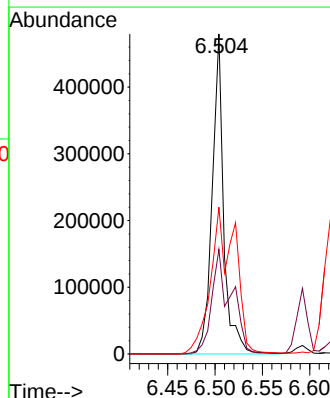
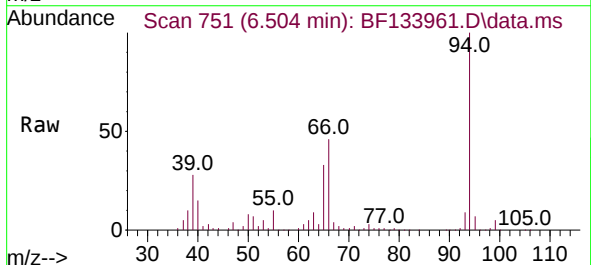
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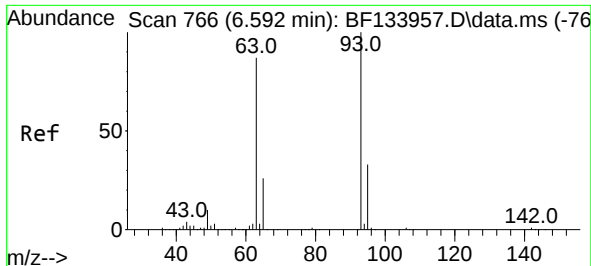
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#10
Phenol
Concen: 39.919 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion: 94 Resp: 404898
Ion Ratio Lower Upper
94 100
65 32.7 14.2 54.2
66 45.8 26.4 66.4





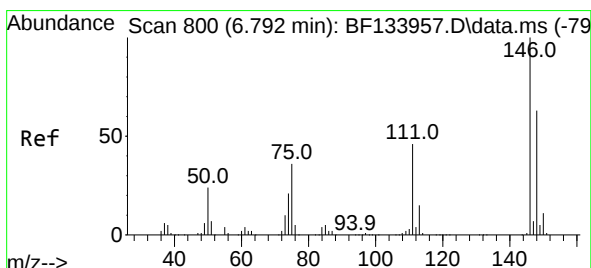
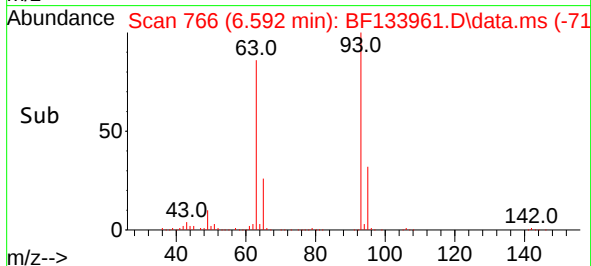
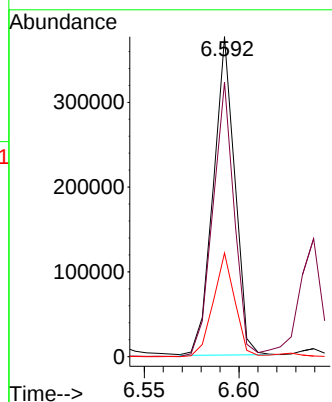
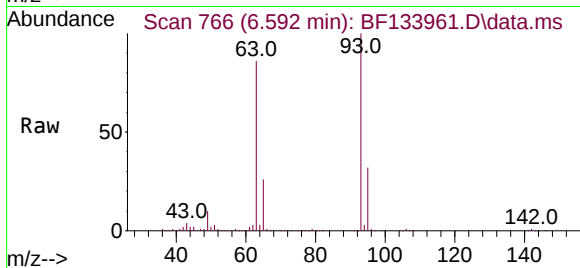
#11
bis(2-Chloroethyl)ether
Concen: 39.884 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF062623

Tgt Ion: 93 Resp: 297832
Ion Ratio Lower Upper
93 100
63 85.8 66.5 106.5
95 32.4 12.9 52.9

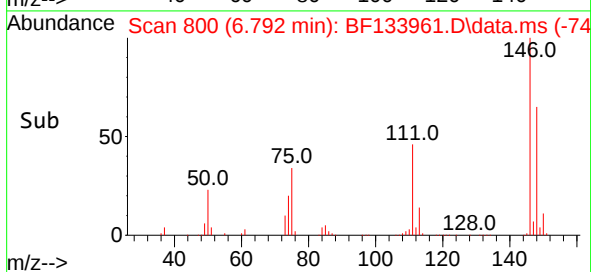
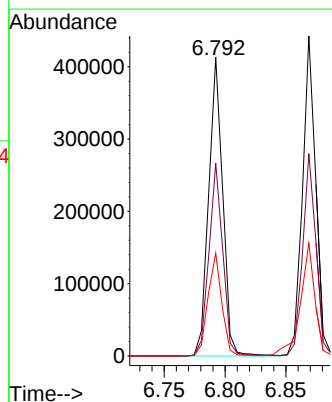
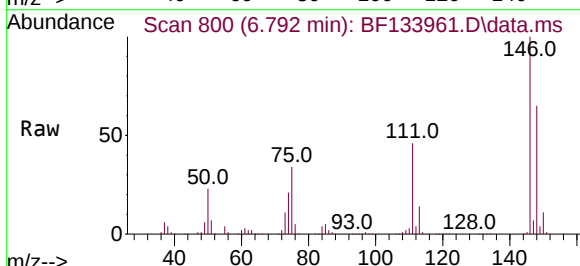
Manual Integrations
APPROVED

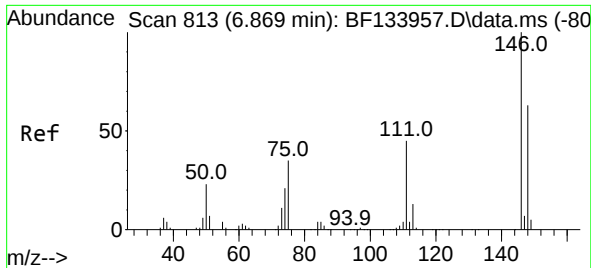
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#12
1,3-Dichlorobenzene
Concen: 38.970 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

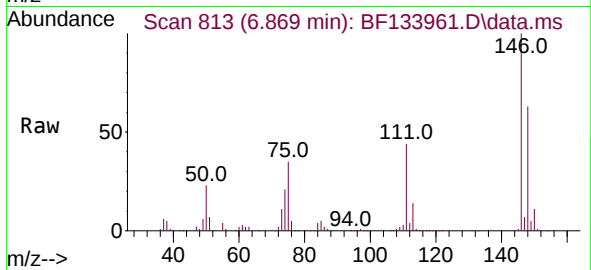
Tgt Ion:146 Resp: 330828
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
75 34.4 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 39.145 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

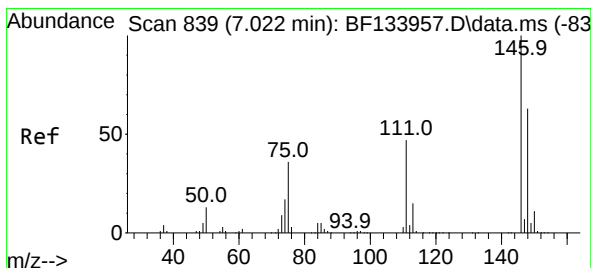
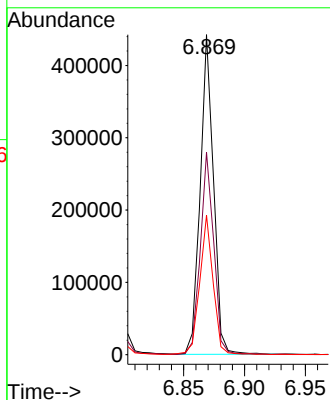
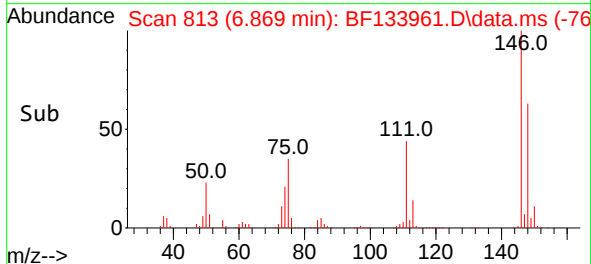
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



Tgt Ion:146 Resp: 335648
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 43.6 35.8 53.6

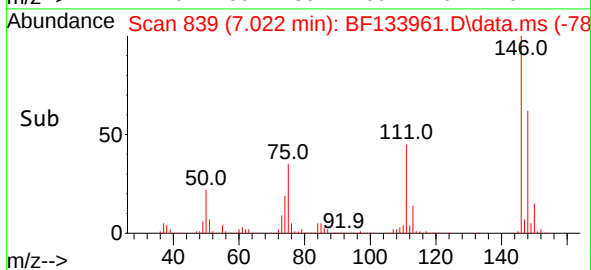
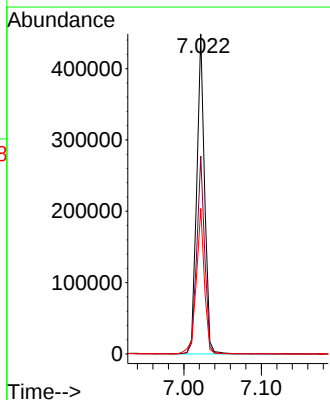
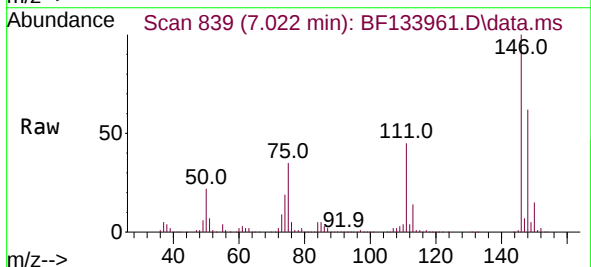
Manual Integrations
APPROVED

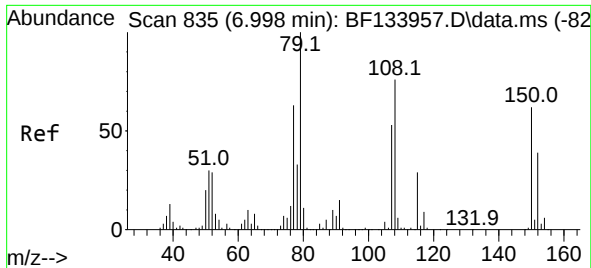
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#14
1,2-Dichlorobenzene
Concen: 39.622 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:146 Resp: 318184
Ion Ratio Lower Upper
146 100
148 61.8 50.6 76.0
111 45.5 38.0 57.0





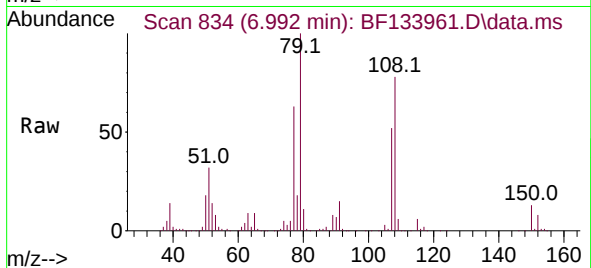
#15
Benzyl Alcohol
Concen: 39.764 ng
RT: 6.992 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

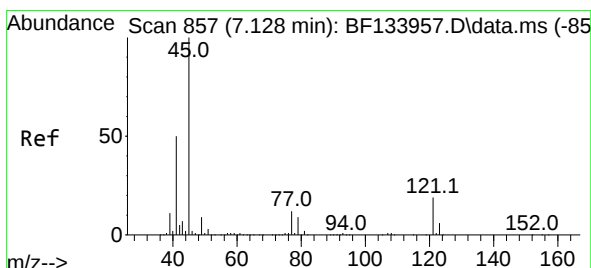
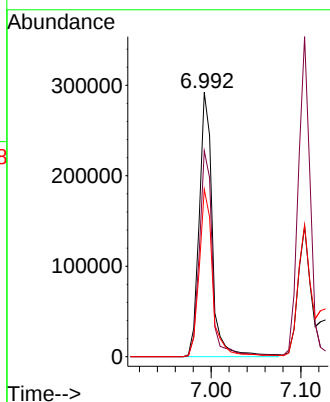
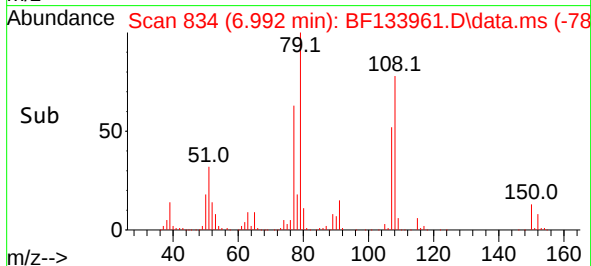


Tgt Ion: 79 Resp: 295719
Ion Ratio Lower Upper
79 100
108 77.9 60.7 91.1
77 63.3 50.6 75.8

Manual Integrations

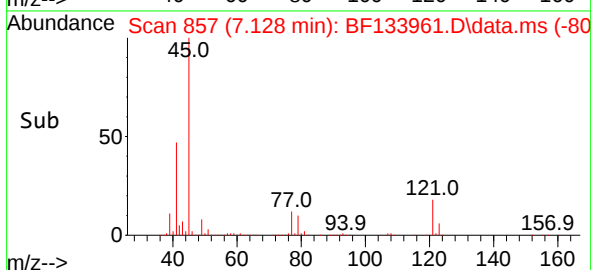
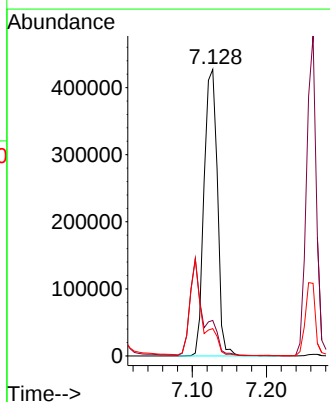
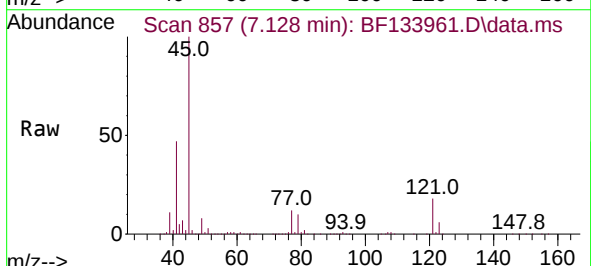
APPROVED

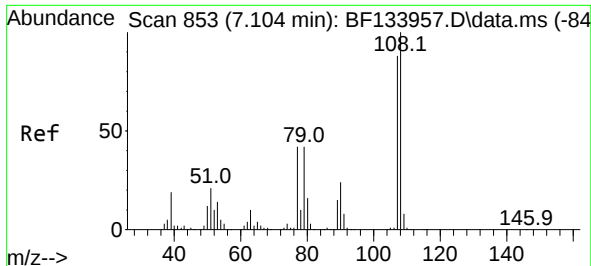
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.367 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion: 45 Resp: 533281
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.9
79 9.5 0.0 29.5





#17

2-Methylphenol

Concen: 40.082 ng

RT: 7.104 min Scan# 853

Delta R.T. 0.000 min

Lab File: BF133961.D

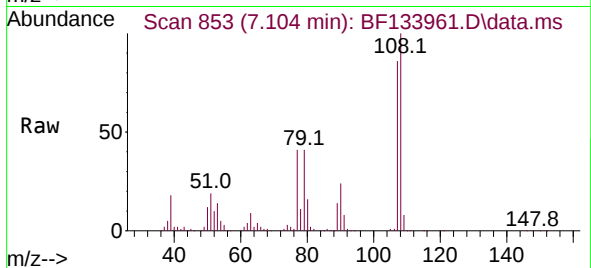
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623



Tgt Ion:107 Resp: 285800

Ion Ratio Lower Upper

107 100

108 116.9 90.6 136.0

77 48.1 38.3 57.5

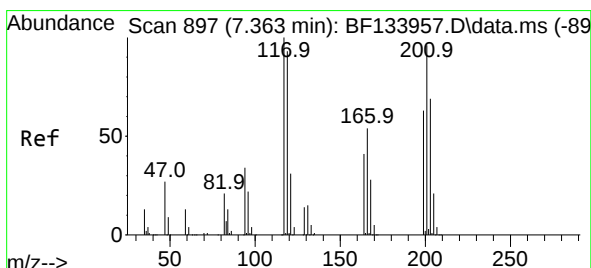
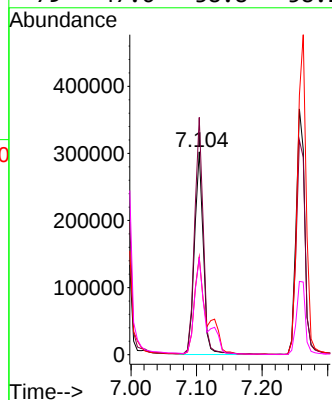
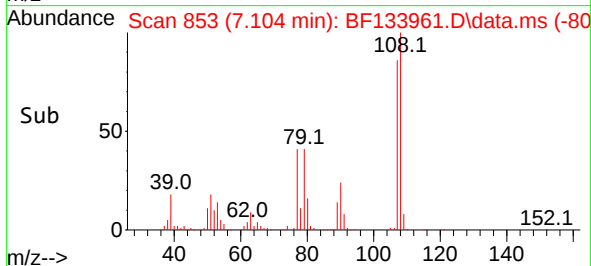
79 47.6 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#18

Hexachloroethane

Concen: 39.796 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

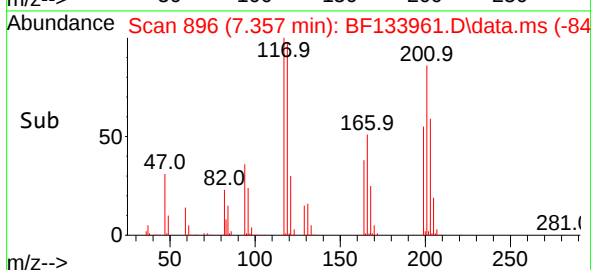
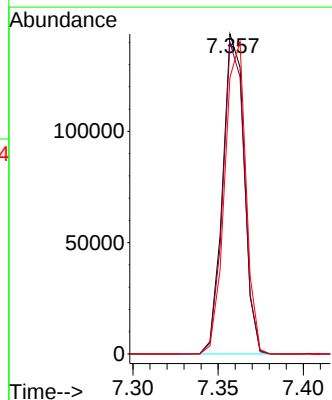
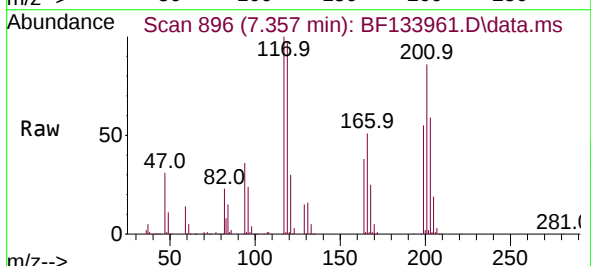
Tgt Ion:117 Resp: 126526

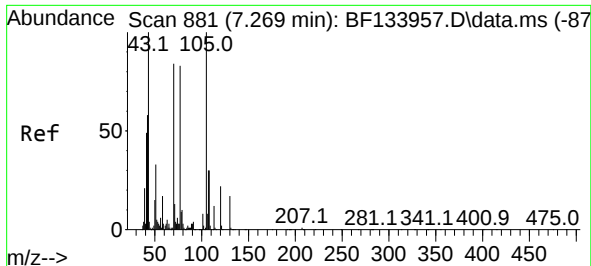
Ion Ratio Lower Upper

117 100

119 97.3 74.2 111.4

201 86.4 77.2 115.8





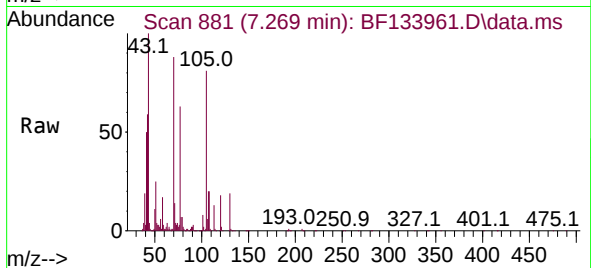
#19
n-Nitroso-di-n-propylamine
Concen: 38.540 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

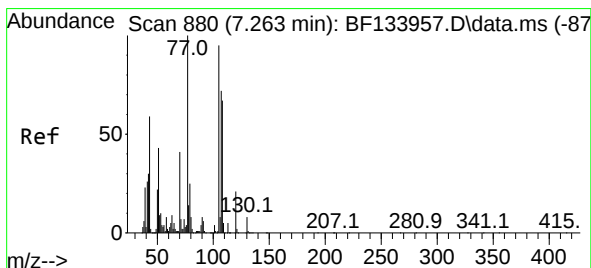
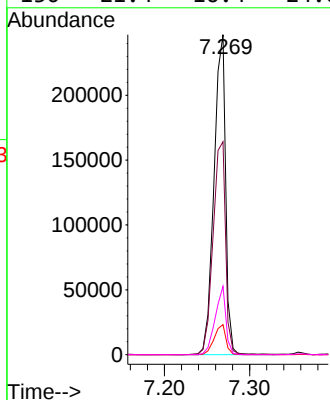
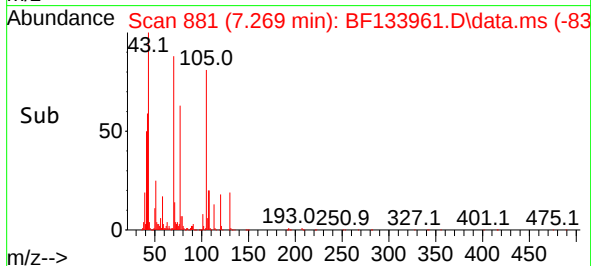
ICVBF062623



Tgt Ion: 70 Resp: 235778
Ion Ratio Lower Upper
70 100
42 66.6 54.7 82.1
101 9.4 7.7 11.5
130 21.4 16.4 24.6

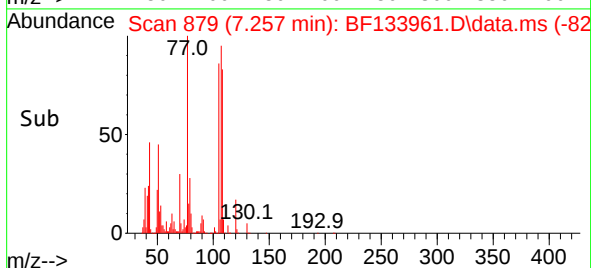
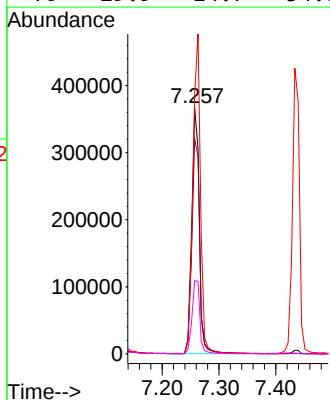
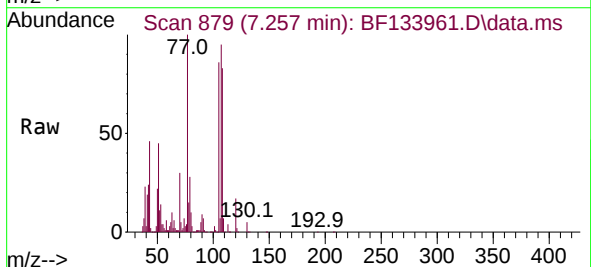
Manual Integrations
APPROVED

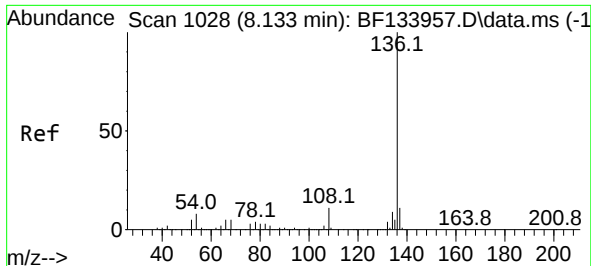
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#20
3+4-Methylphenols
Concen: 39.166 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:107 Resp: 338808
Ion Ratio Lower Upper
107 100
108 87.3 73.2 113.2
77 105.6 118.3 158.3#
79 29.9 14.7 54.7





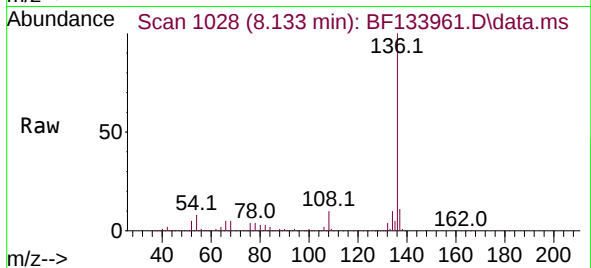
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

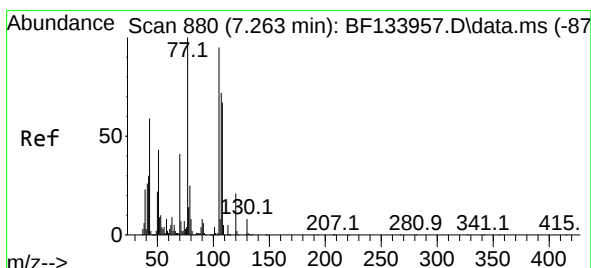
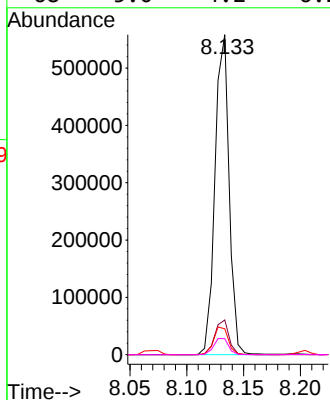
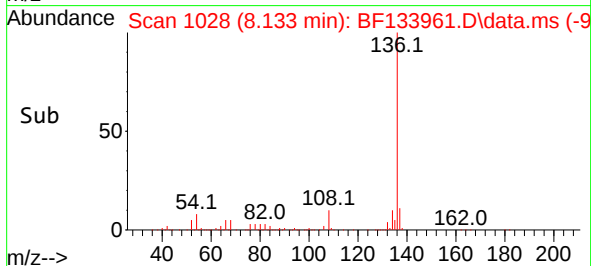


Tgt Ion:136 Resp: 484510
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.1 6.5 9.7
68 5.0 4.2 6.2

Manual Integrations

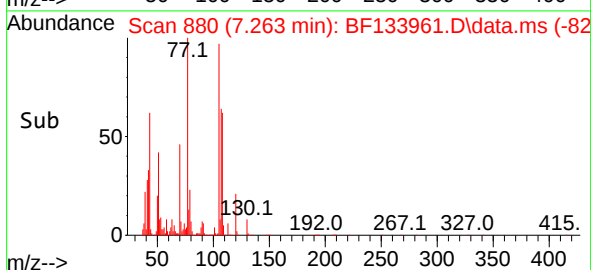
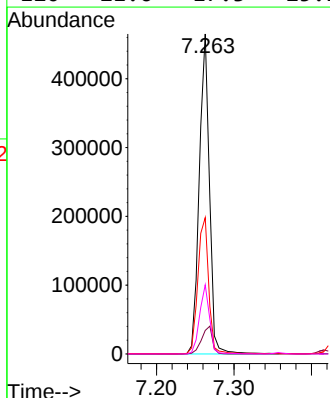
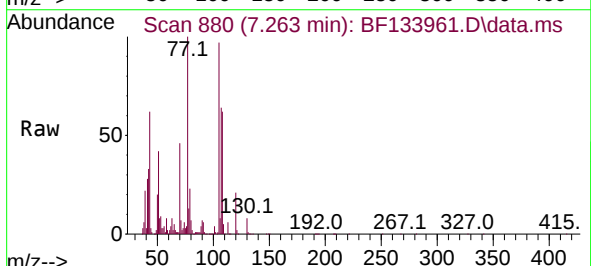
APPROVED

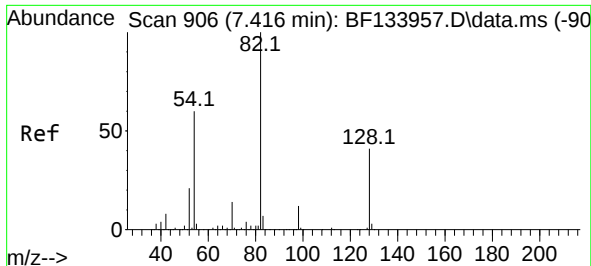
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#22
Acetophenone
Concen: 38.487 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:105 Resp: 424093
Ion Ratio Lower Upper
105 100
71 7.3 5.5 8.3
51 42.6 36.5 54.7
120 21.6 17.3 25.9





#23
Nitrobenzene-d5
Concen: 79.162 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

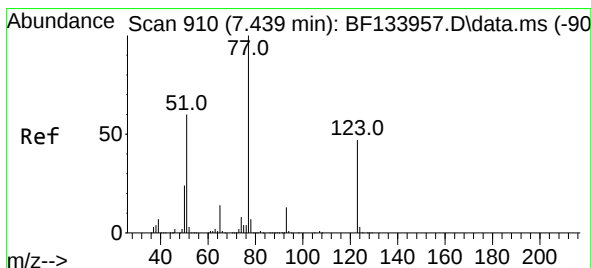
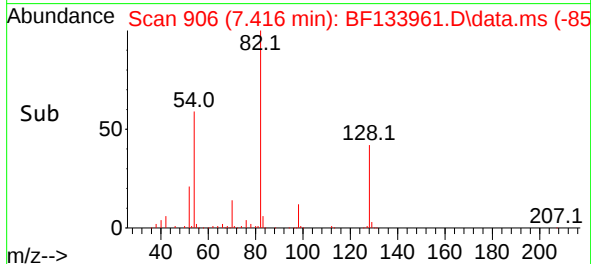
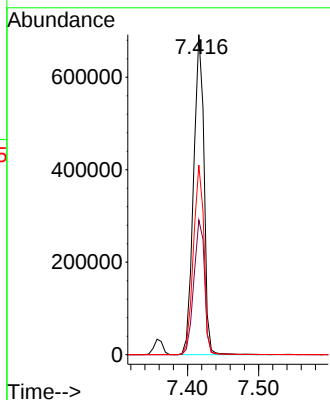
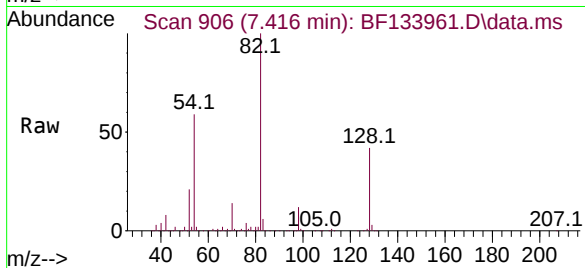
ClientSampleId :

ICVBF062623

Tgt Ion: 82 Resp: 71152
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 59.3 48.2 72.2

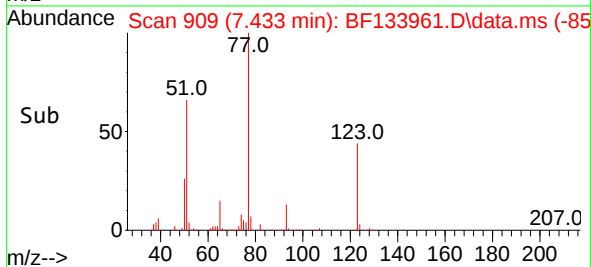
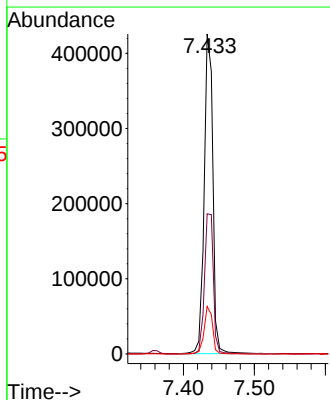
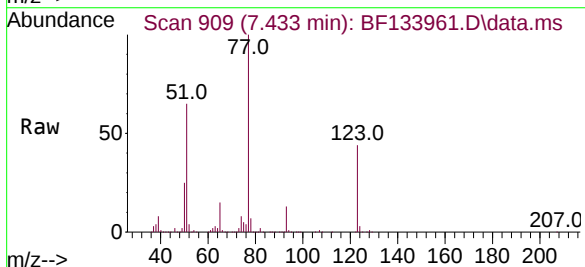
Manual Integrations
APPROVED

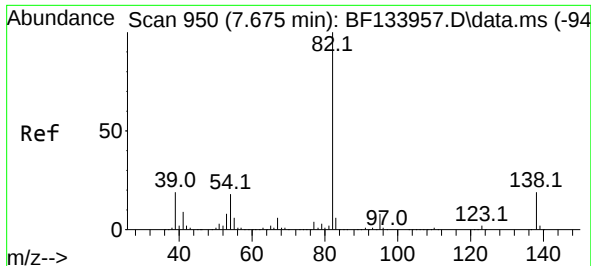
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#24
Nitrobenzene
Concen: 39.827 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

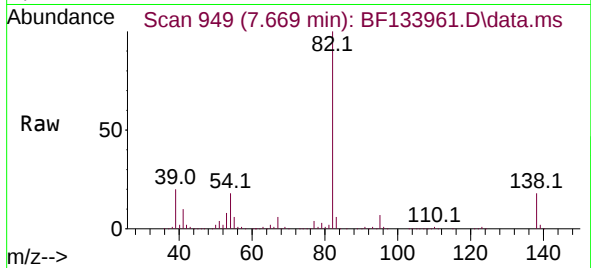
Tgt Ion: 77 Resp: 361735
Ion Ratio Lower Upper
77 100
123 43.8 37.8 56.6
65 14.9 11.3 16.9





#25
Isophorone
Concen: 39.044 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

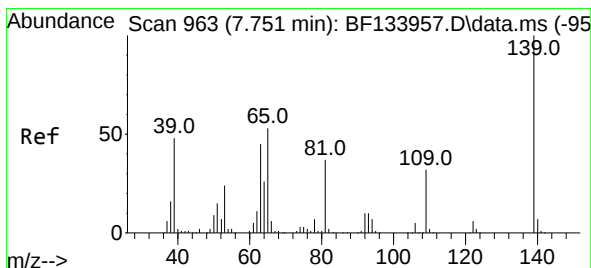
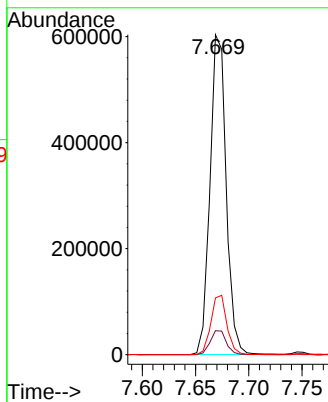
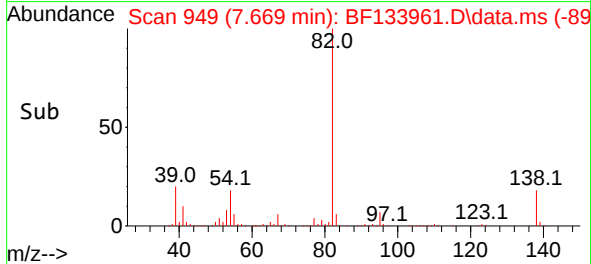
Instrument :
BNA_F
Client Sample Id :
ICVBF062623



Tgt Ion: 82 Resp: 637800
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 17.7 15.2 22.8

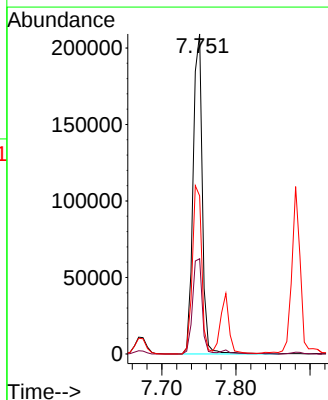
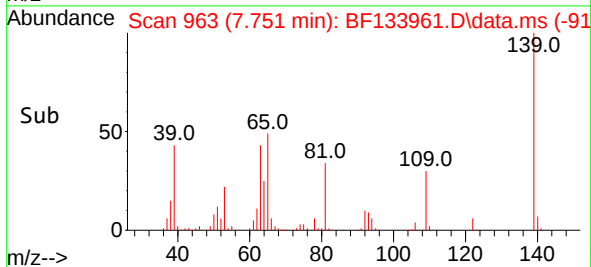
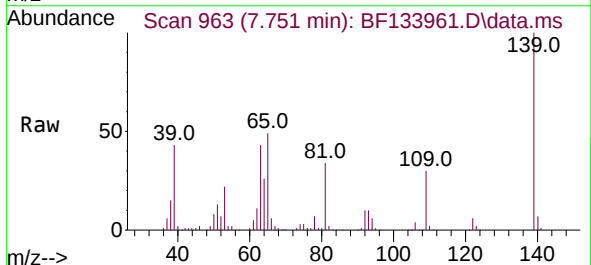
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#26
2-Nitrophenol
Concen: 41.408 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:139 Resp: 180421
Ion Ratio Lower Upper
139 100
109 29.7 25.8 38.8
65 49.4 42.4 63.6





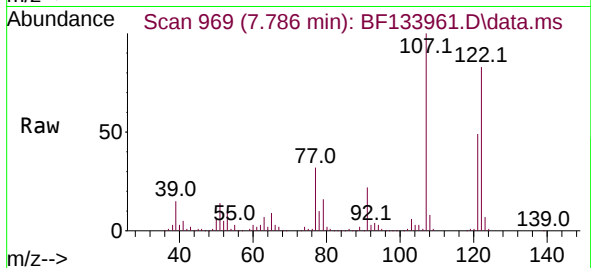
#27
2,4-Dimethylphenol
Concen: 39.557 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

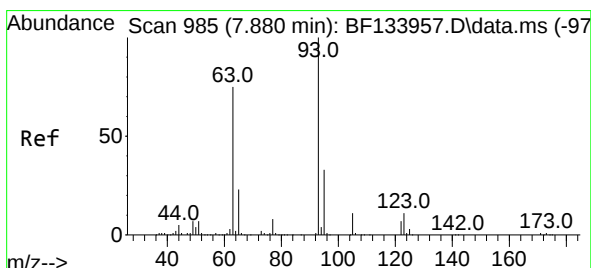
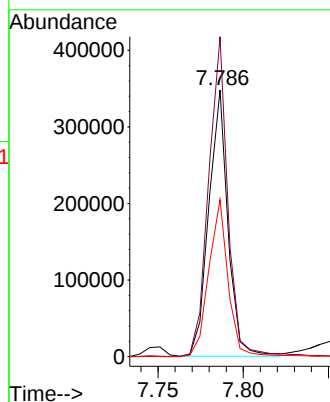
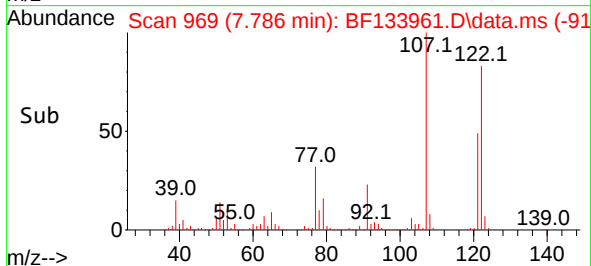
ICVBF062623



Tgt Ion:122 Resp: 27282
Ion Ratio Lower Upper
122 100
107 120.0 95.5 143.3
121 58.9 45.5 68.3

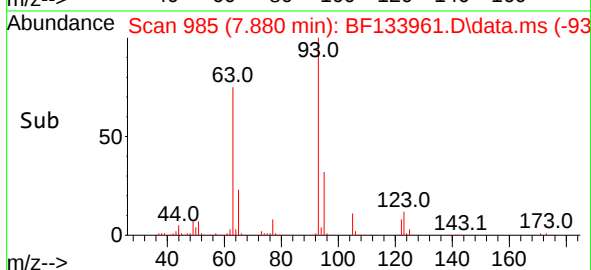
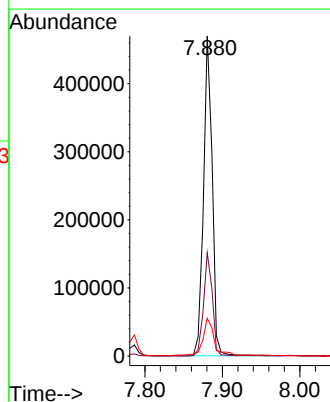
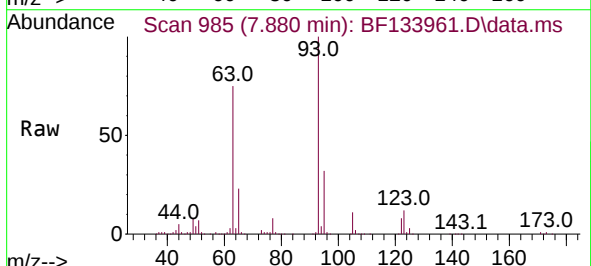
Manual Integrations
APPROVED

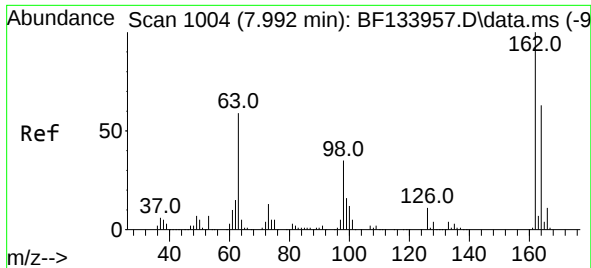
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.729 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion: 93 Resp: 366328
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.298 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

Tgt Ion:162 Resp: 268760

Ion Ratio Lower Upper

162 100

164 62.5 43.2 83.2

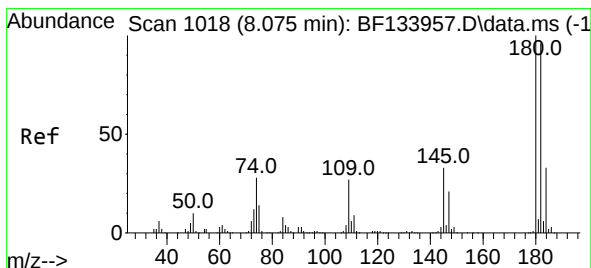
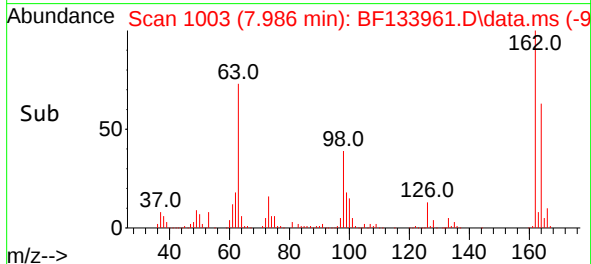
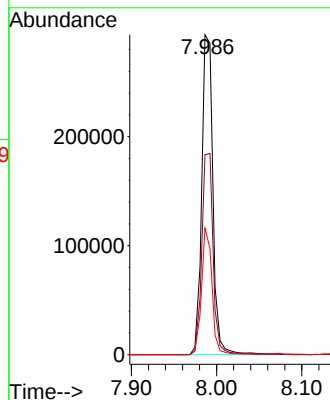
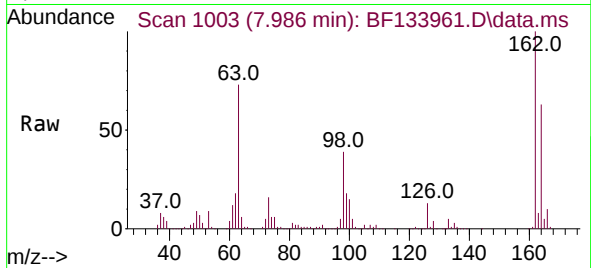
98 39.5 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.130 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

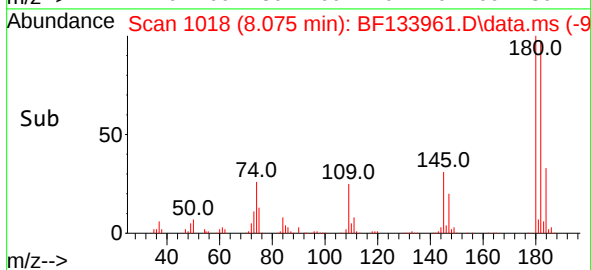
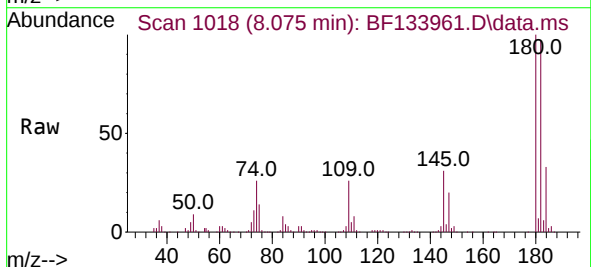
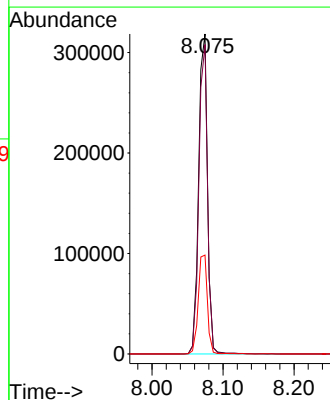
Tgt Ion:180 Resp: 276140

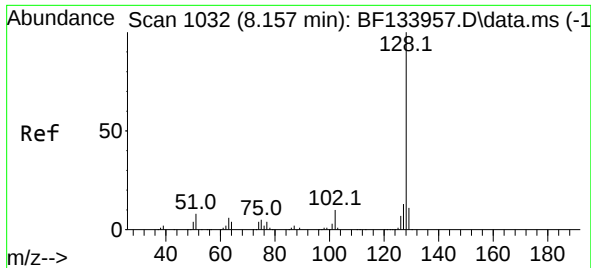
Ion Ratio Lower Upper

180 100

182 96.7 77.1 115.7

145 30.9 26.0 39.0





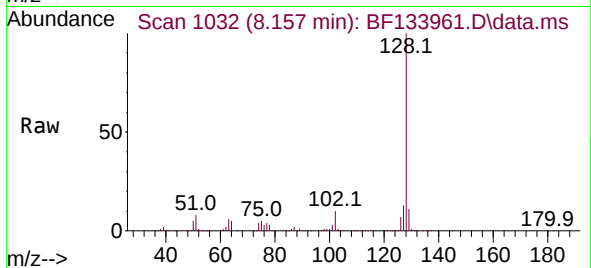
#31
Naphthalene
Concen: 39.390 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623



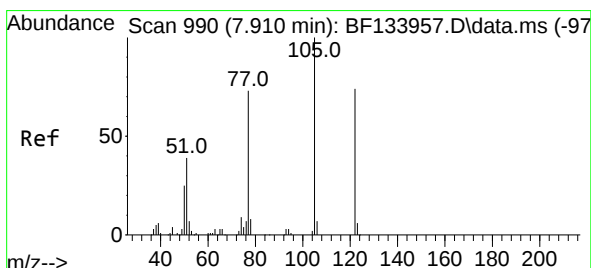
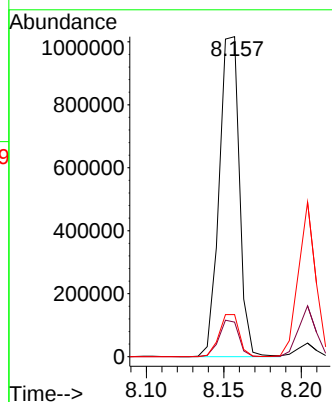
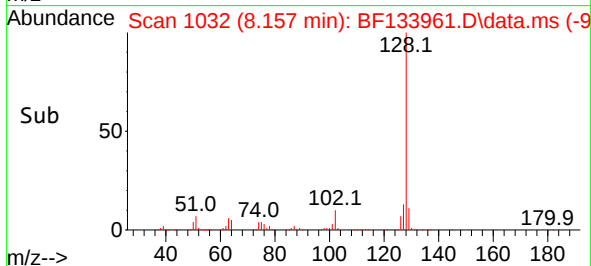
Tgt Ion:128 Resp: 921860
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.6 15.8

Manual Integrations

APPROVED

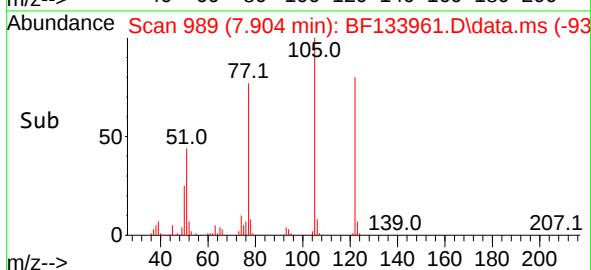
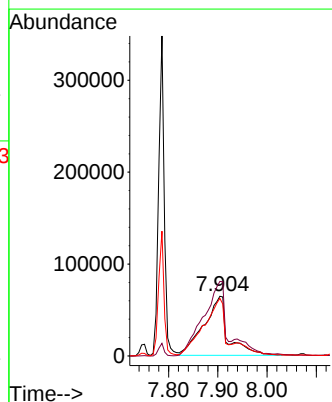
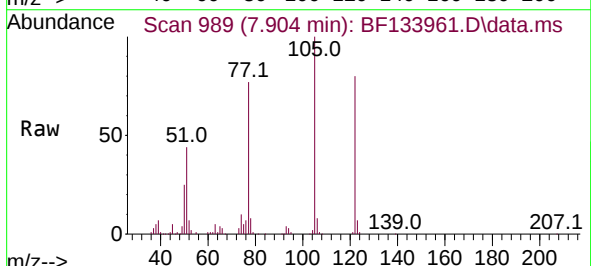
Reviewed By :Yogesh Patel 06/27/2023

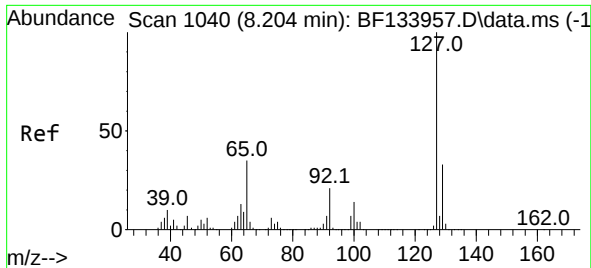
Supervised By :mohammad ahmed 06/29/2023



#32
Benzoic acid
Concen: 42.566 ng m
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:122 Resp: 219990
Ion Ratio Lower Upper
122 100
105 125.0 109.7 149.7
77 96.6 76.0 116.0





#33
4-Chloroaniline
Concen: 39.388 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

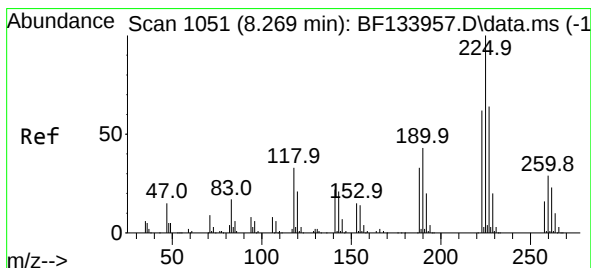
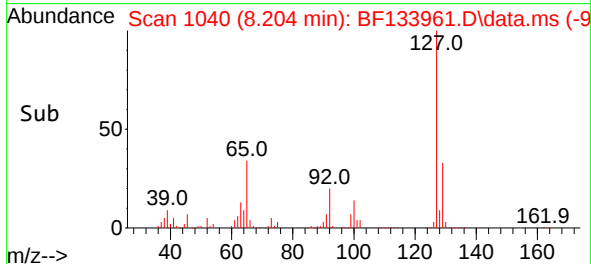
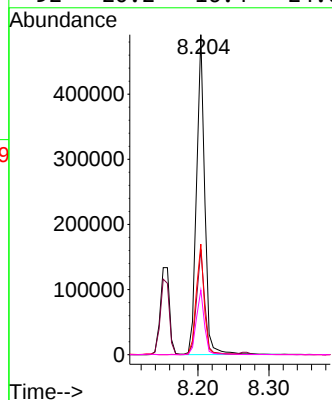
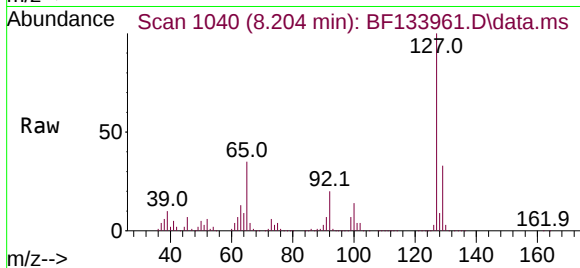
ClientSampleId :

ICVBF062623

Tgt Ion:127 Resp: 394317
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 34.6 27.8 41.8
92 20.2 16.4 24.6

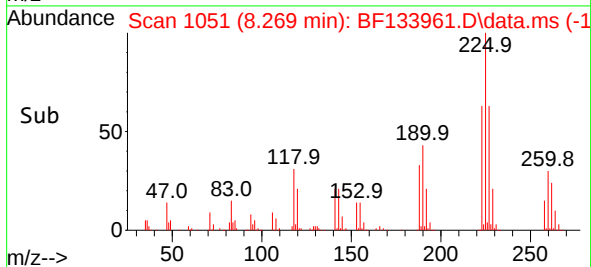
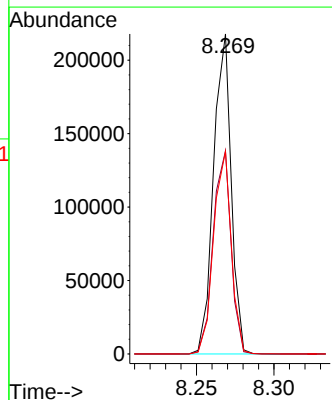
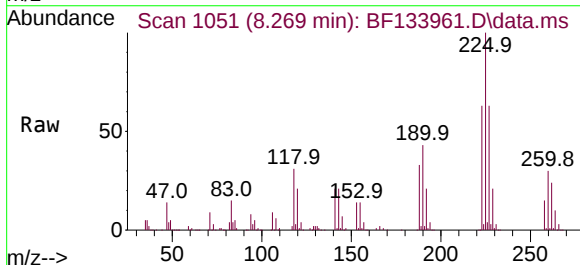
Manual Integrations
APPROVED

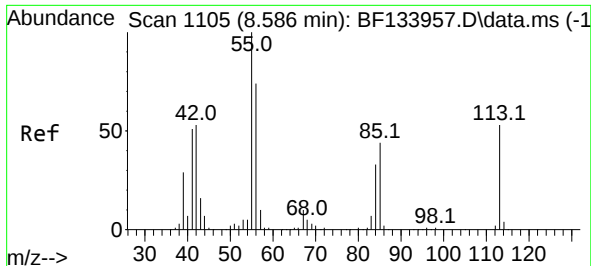
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 8.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:225 Resp: 172278
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.8
227 63.3 51.0 76.4





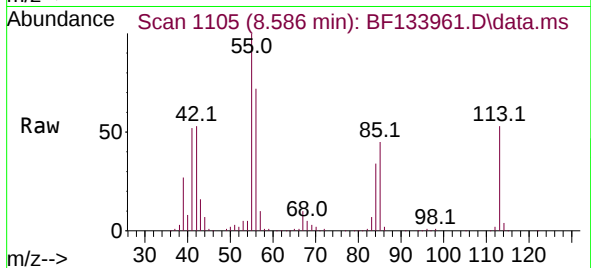
#35
Caprolactam
Concen: 40.472 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

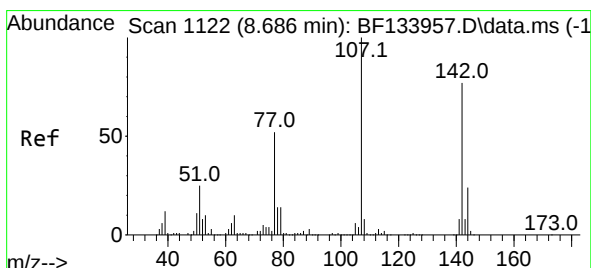
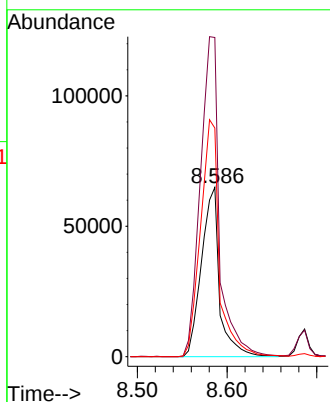
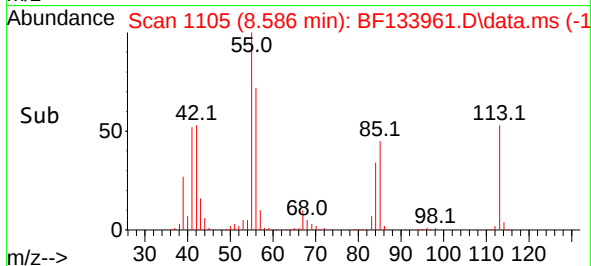


Tgt Ion:113 Resp: 91138
Ion Ratio Lower Upper
113 100
55 188.6 170.2 210.2
56 135.1 121.4 161.4

Manual Integrations

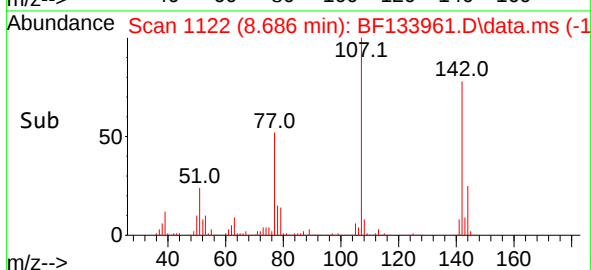
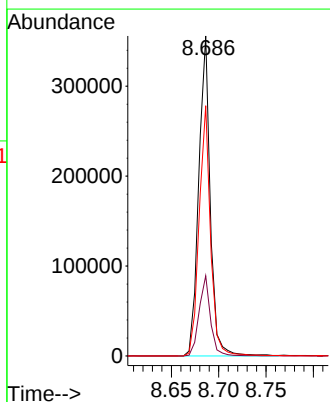
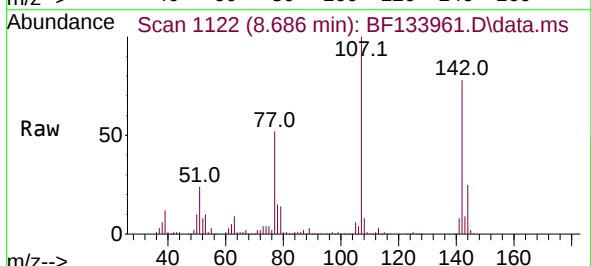
APPROVED

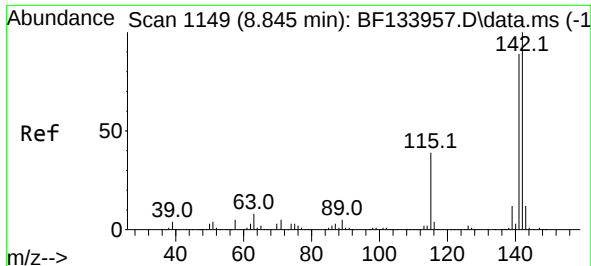
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#36
4-Chloro-3-methylphenol
Concen: 39.364 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:107 Resp: 302439
Ion Ratio Lower Upper
107 100
144 25.0 19.6 29.4
142 78.2 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.784 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

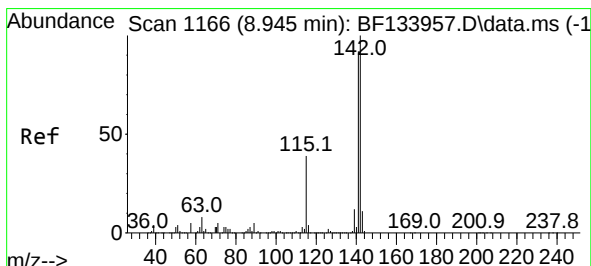
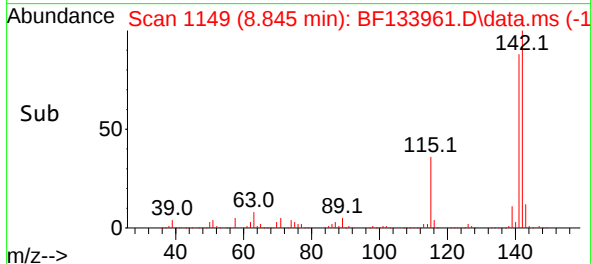
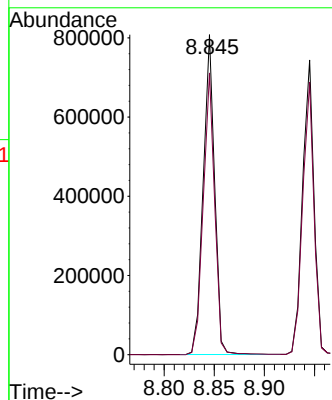
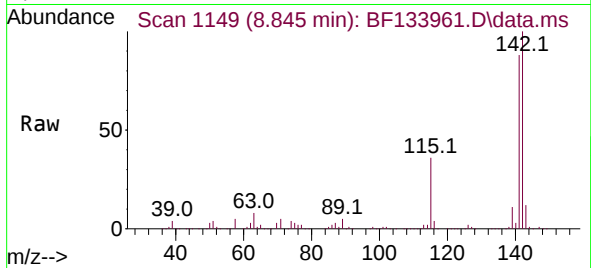
ClientSampleId :

ICVBF062623

Tgt Ion:142 Resp: 64187
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.4

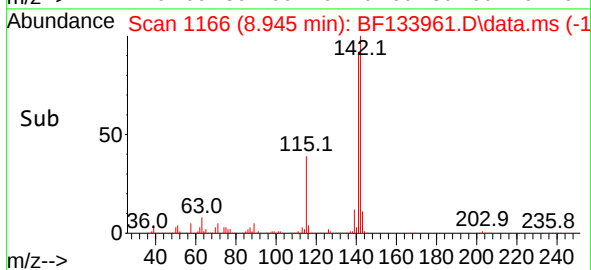
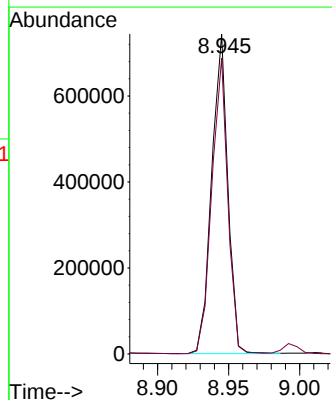
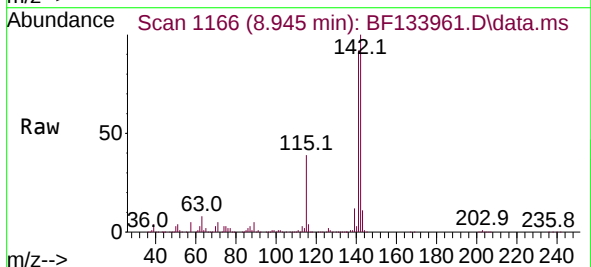
Manual Integrations
APPROVED

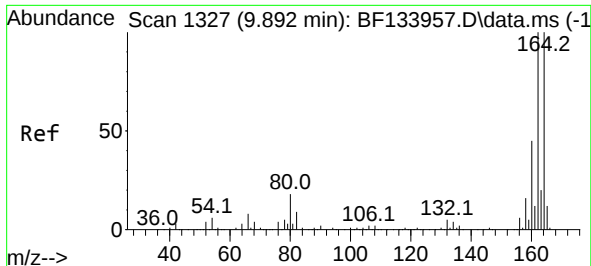
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#38
1-Methylnaphthalene
Concen: 38.344 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:142 Resp: 589945
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3





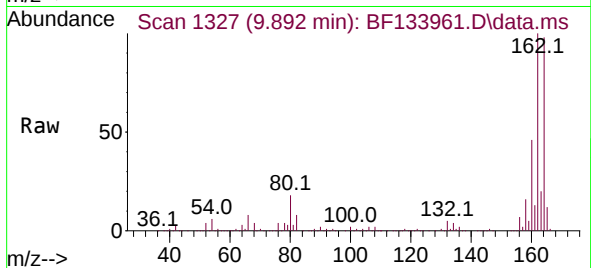
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

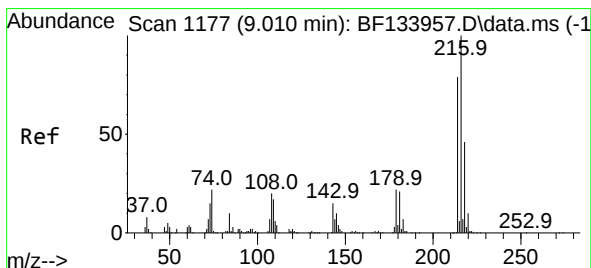
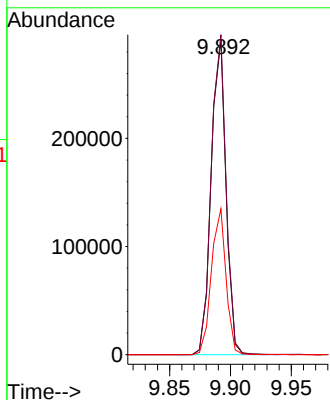
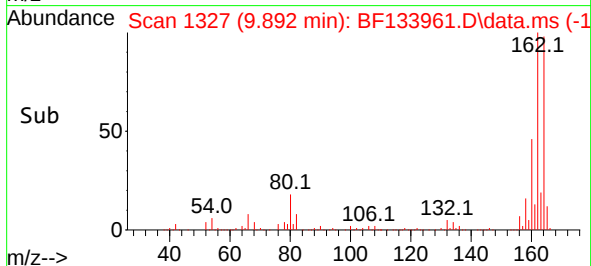


Tgt Ion:164 Resp: 245309
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 46.4 35.9 53.9

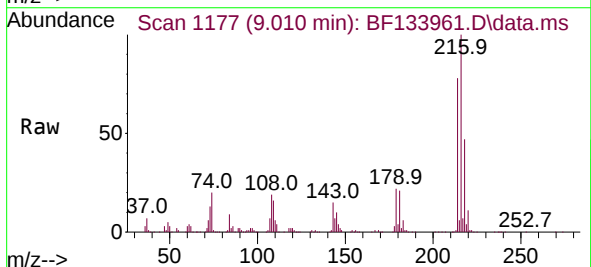
Manual Integrations

APPROVED

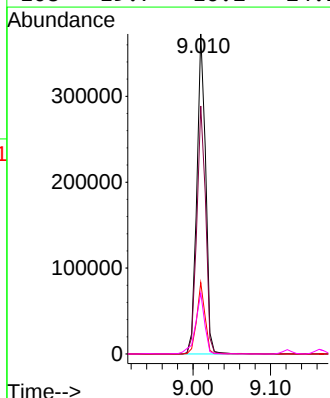
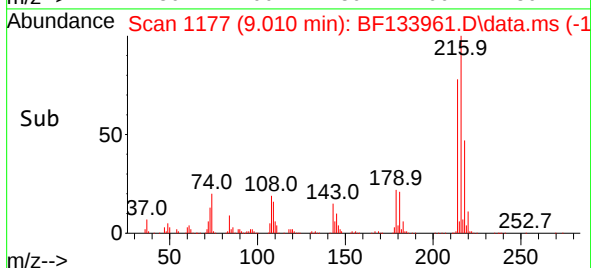
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.405 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:216 Resp: 293647
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 20.9 17.3 25.9
108 19.7 16.2 24.2





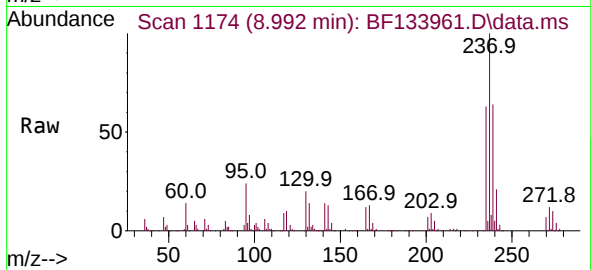
#41
Hexachlorocyclopentadiene
Concen: 41.576 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

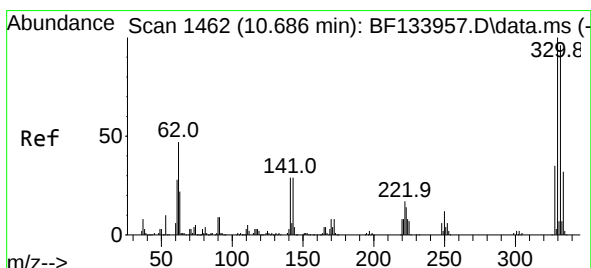
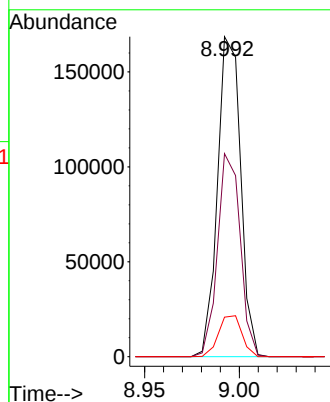
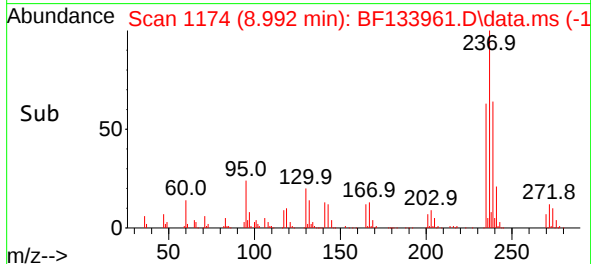


Tgt Ion:237 Resp: 143349
Ion Ratio Lower Upper
237 100
235 63.5 42.8 82.8
272 12.3 0.0 34.6

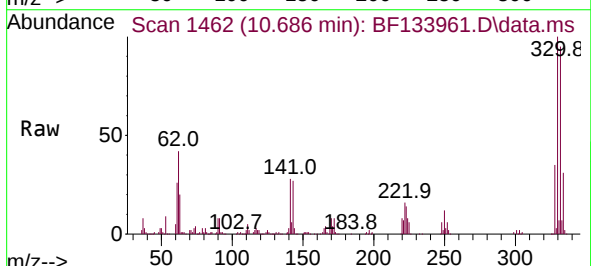
Manual Integrations

APPROVED

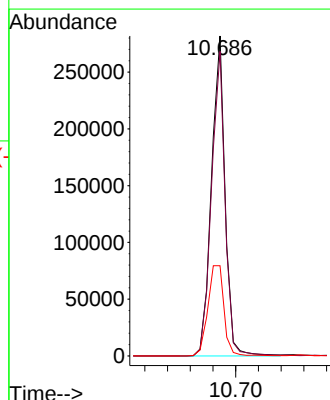
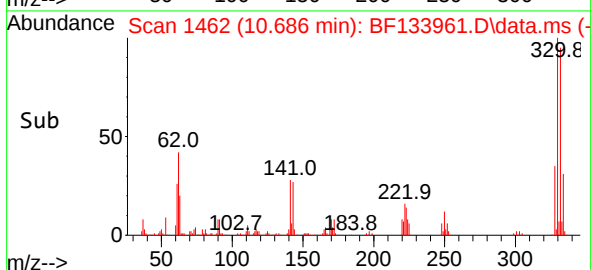
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

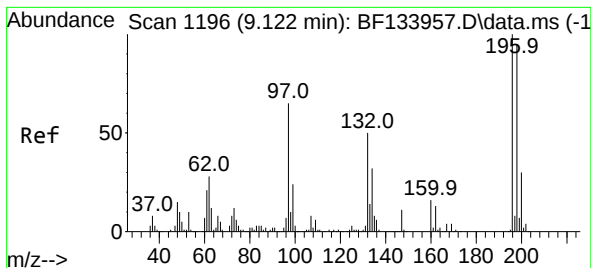


#42
2,4,6-Tribromophenol
Concen: 76.075 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



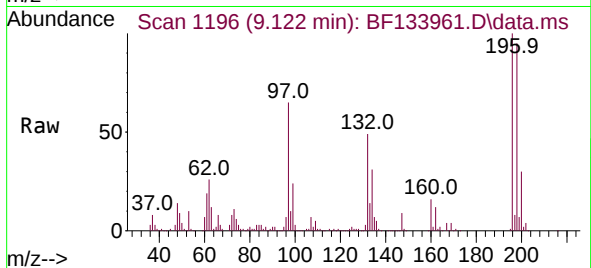
Tgt Ion:330 Resp: 233983
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 33.5 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 39.181 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

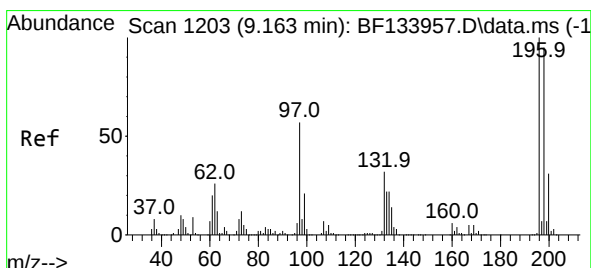
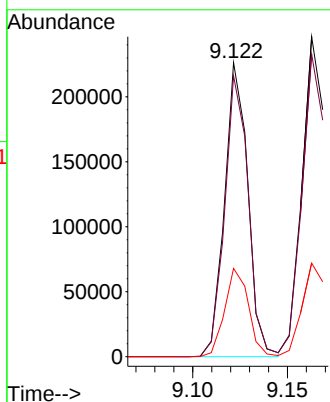
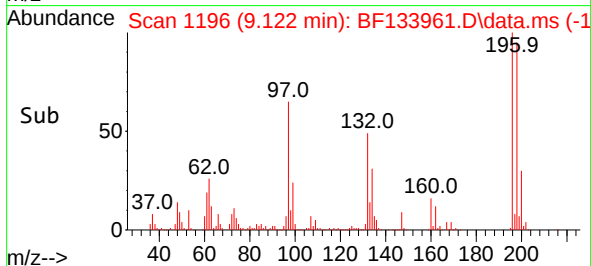
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



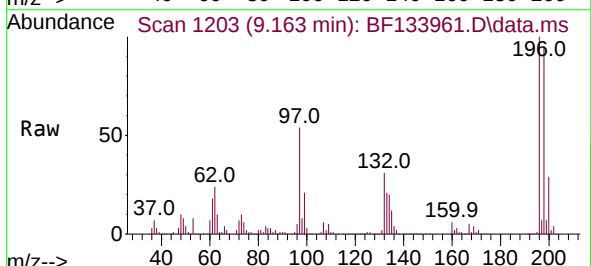
Tgt Ion:196 Resp: 193840
Ion Ratio Lower Upper
196 100
198 95.5 75.6 113.4
200 30.0 24.4 36.6

Manual Integrations
APPROVED

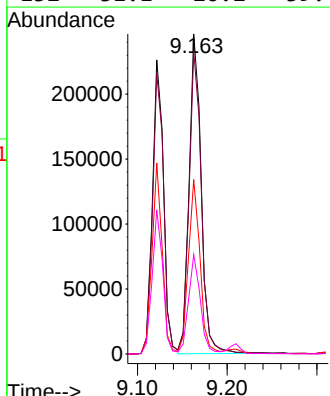
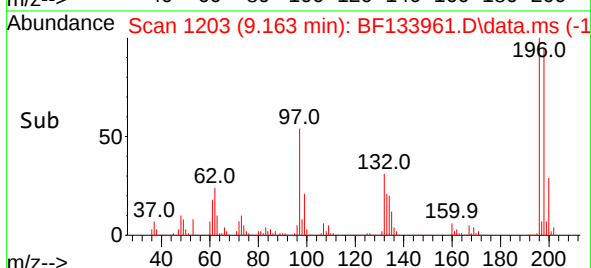
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

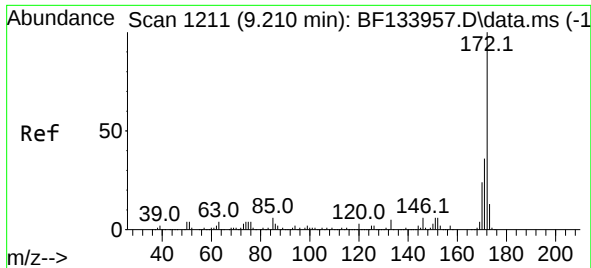


#44
2,4,5-Trichlorophenol
Concen: 39.741 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:196 Resp: 231276
Ion Ratio Lower Upper
196 100
198 94.6 75.7 113.5
97 54.5 45.8 68.6
132 31.1 26.2 39.4





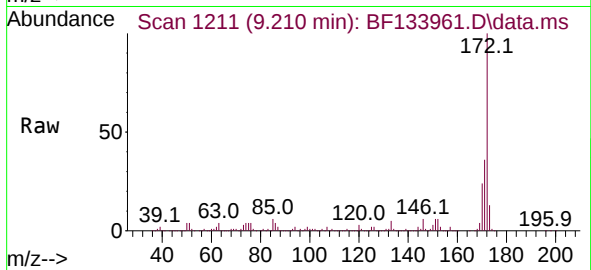
#45
2-Fluorobiphenyl
Concen: 76.435 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

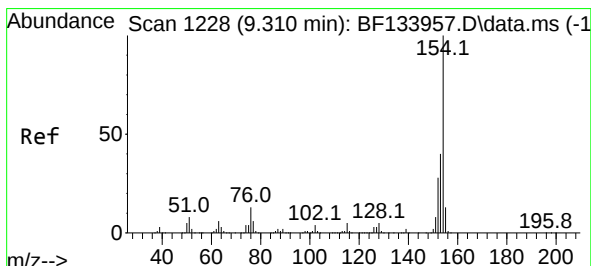
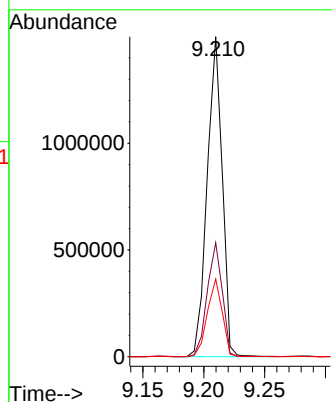
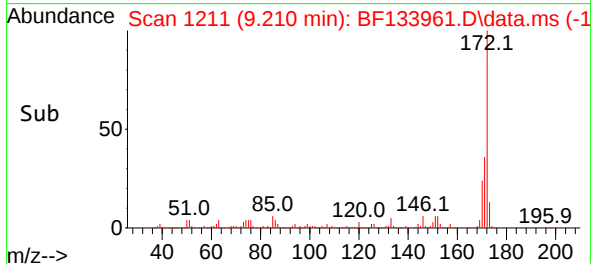


Tgt Ion:172 Resp: 128965
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.2 19.4 29.0

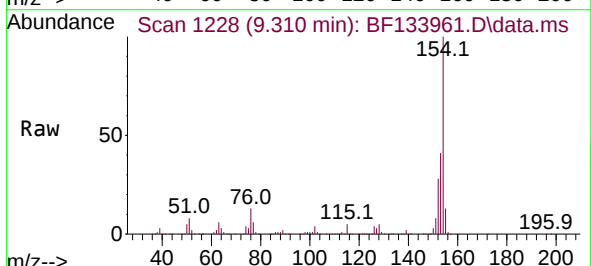
Manual Integrations

APPROVED

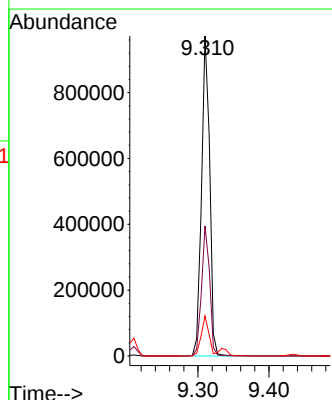
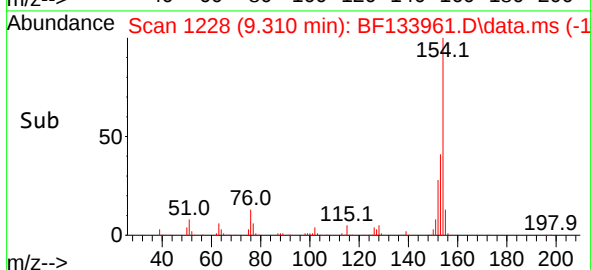
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

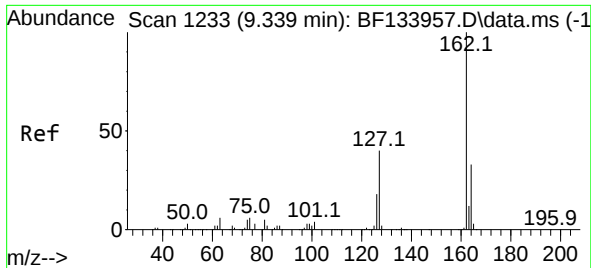


#46
1,1'-Biphenyl
Concen: 39.480 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:154 Resp: 776886
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 12.5 0.0 32.9





#47
2-Chloronaphthalene
Concen: 39.183 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

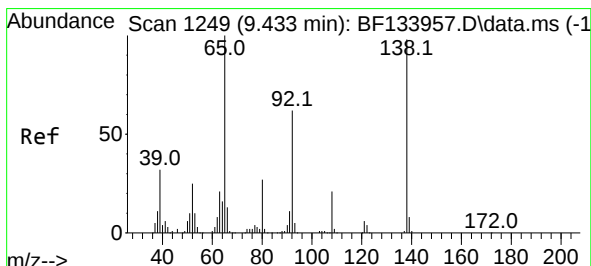
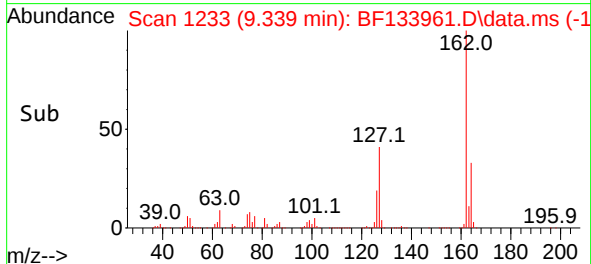
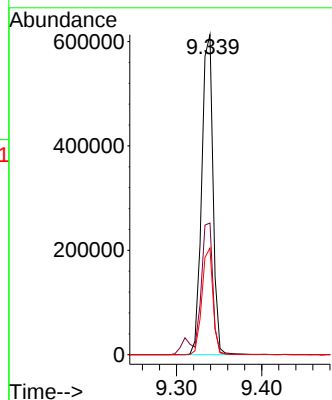
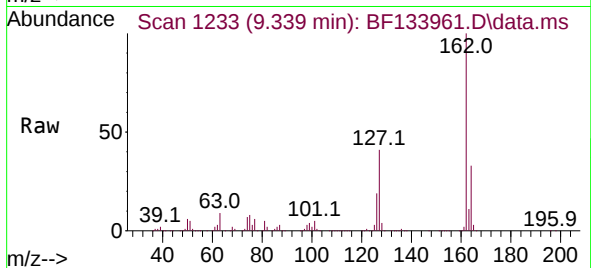
ClientSampleId :

ICVBF062623

Tgt Ion:162 Resp: 56413
Ion Ratio Lower Upper
162 100
127 41.1 32.9 49.3
164 33.3 26.1 39.1

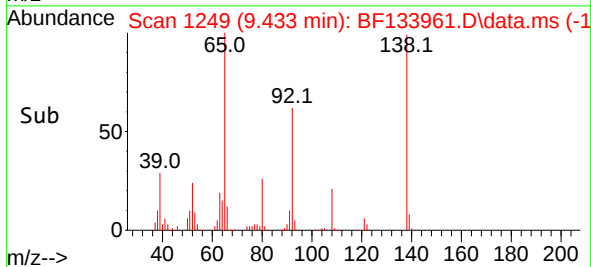
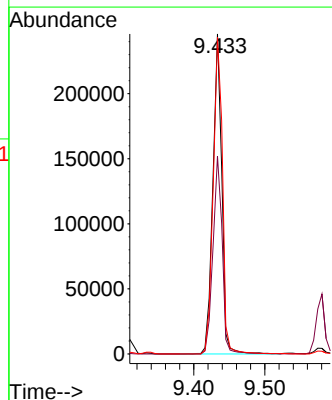
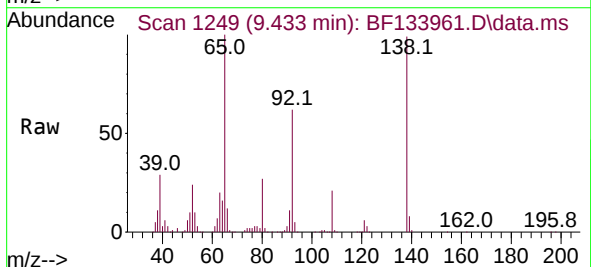
Manual Integrations
APPROVED

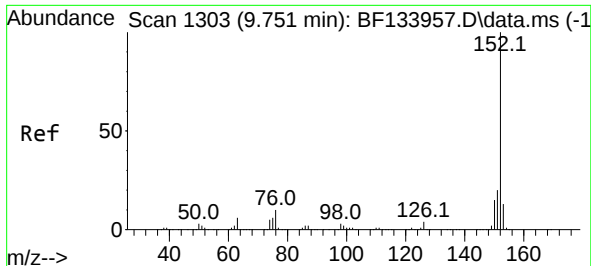
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#48
2-Nitroaniline
Concen: 41.107 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion: 65 Resp: 215694
Ion Ratio Lower Upper
65 100
92 61.9 49.5 74.3
138 99.0 78.0 117.0





#49

Acenaphthylene

Concen: 39.721 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BF133961.D

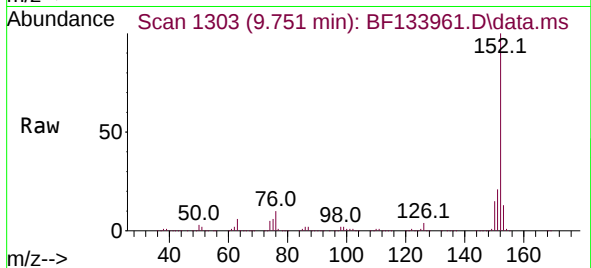
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623



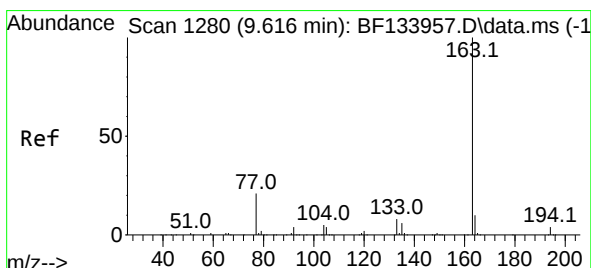
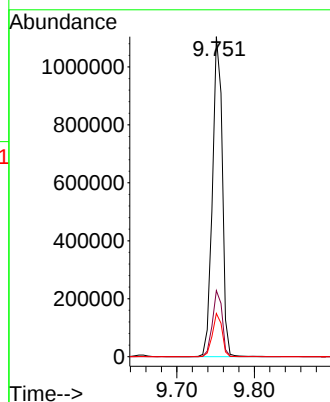
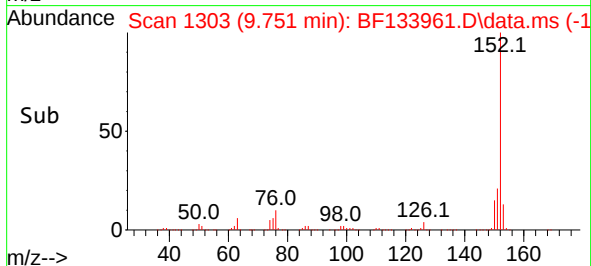
Tgt Ion:152	Resp:	976923
Ion Ratio	Lower	Upper
152	100	
151	20.7	16.2 24.2
153	13.5	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#50

Dimethylphthalate

Concen: 39.549 ng

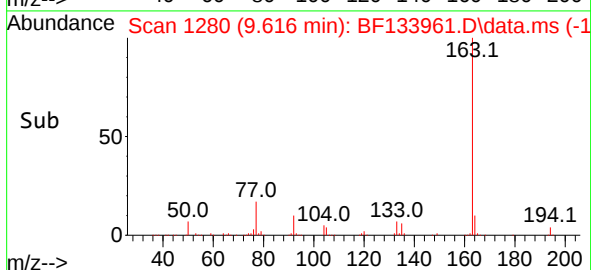
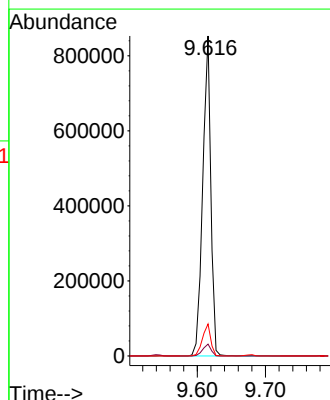
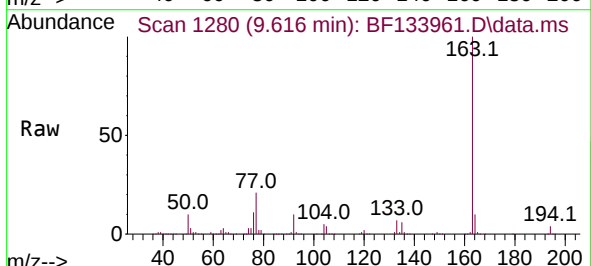
RT: 9.616 min Scan# 1280

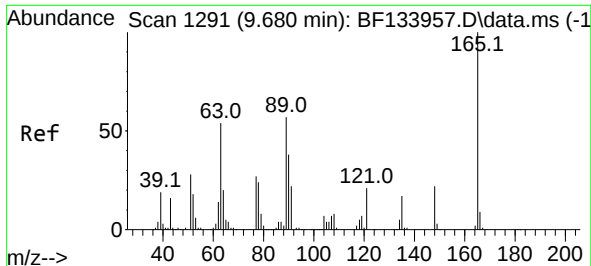
Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Tgt Ion:163	Resp:	704253
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.0 4.6
164	10.0	8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.971 ng

RT: 9.680 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

Tgt Ion:165 Resp: 157137

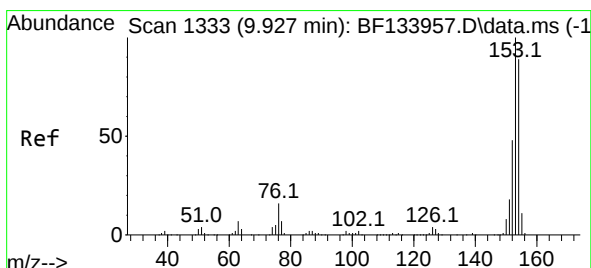
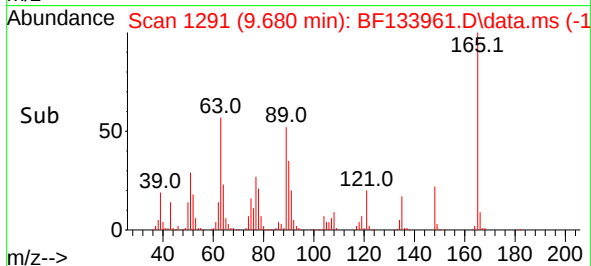
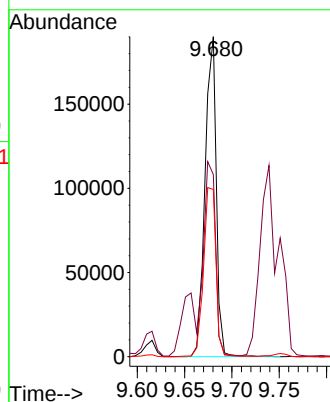
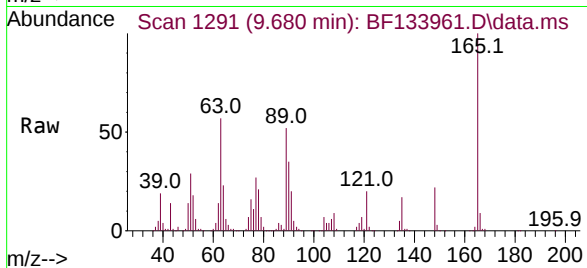
Ion	Ratio	Lower	Upper
165	100		
63	56.9	48.5	72.7
89	52.2	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#52

Acenaphthene

Concen: 39.555 ng

RT: 9.927 min Scan# 1333

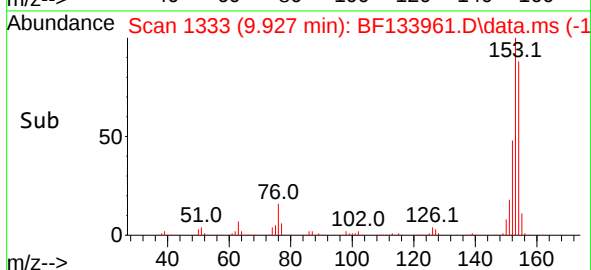
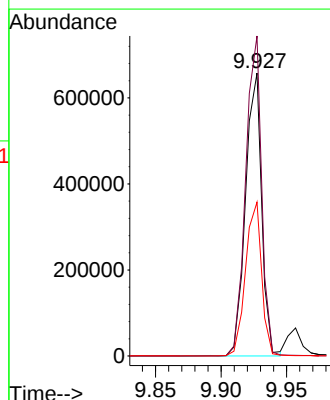
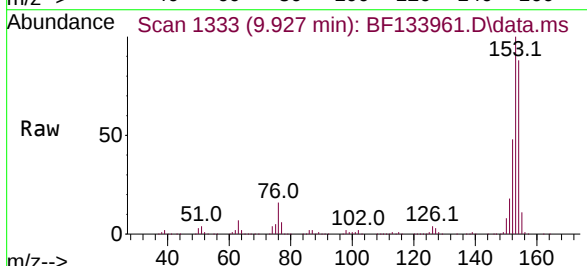
Delta R.T. 0.000 min

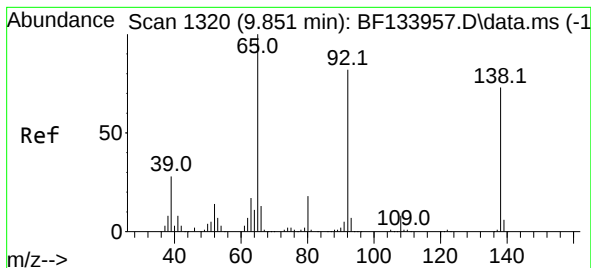
Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Tgt Ion:154 Resp: 564497

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.4	134.2
152	54.3	42.8	64.2





#53

3-Nitroaniline

Concen: 41.045 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

Tgt Ion:138 Resp: 18885

Ion Ratio Lower Upper

138 100

108 10.5 8.4 12.6

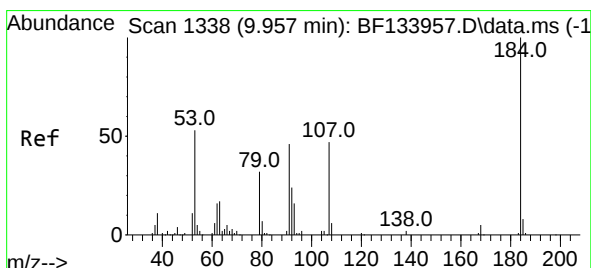
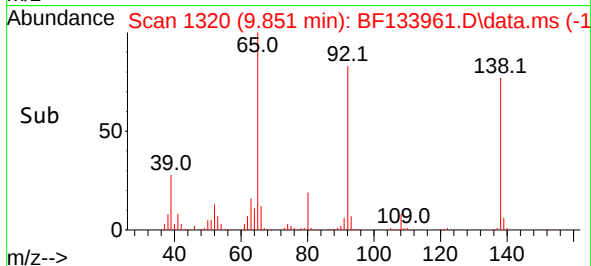
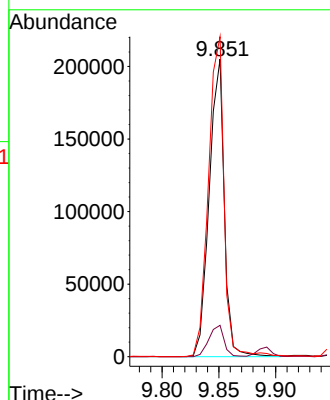
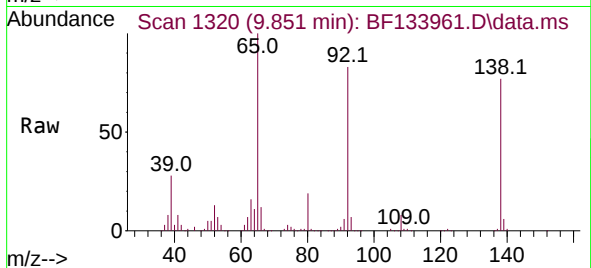
92 107.5 90.1 135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#54

2,4-Dinitrophenol

Concen: 40.967 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

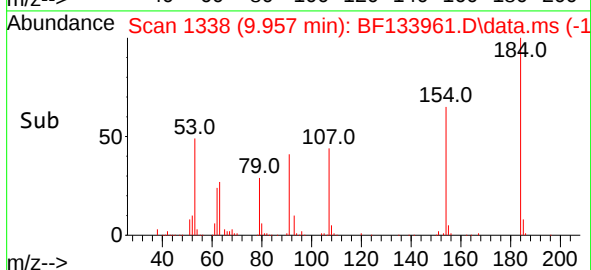
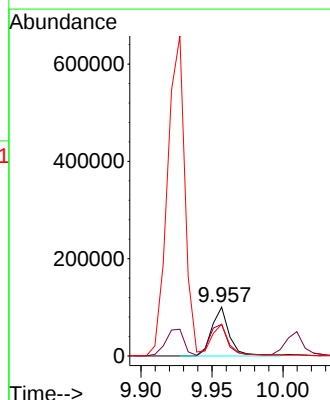
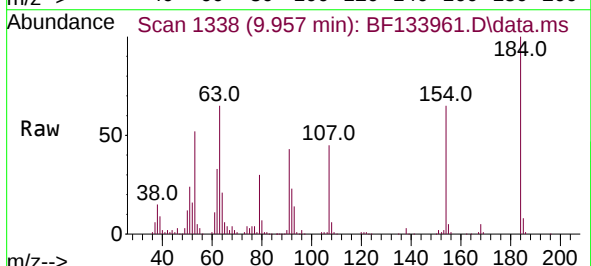
Tgt Ion:184 Resp: 86353

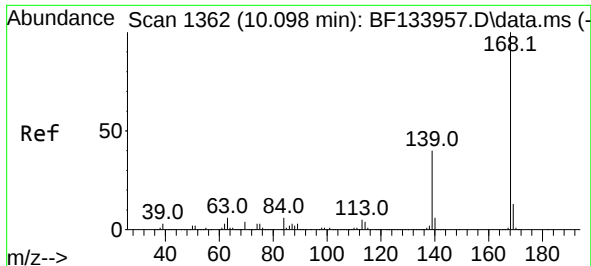
Ion Ratio Lower Upper

184 100

63 64.9 56.9 85.3

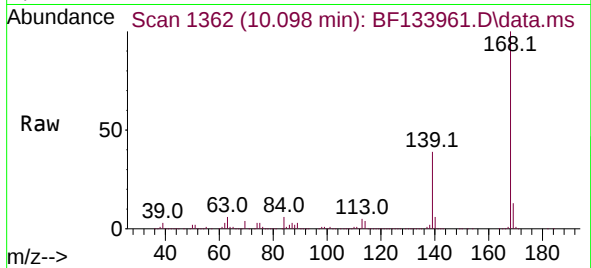
154 64.9 55.4 83.0





#55
Dibenzofuran
Concen: 39.614 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

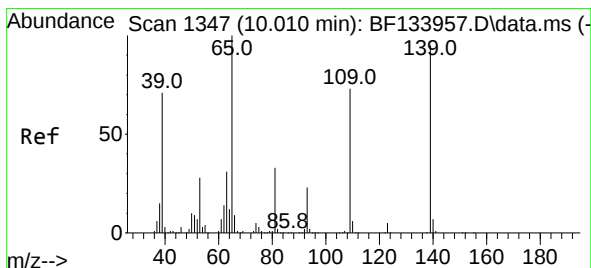
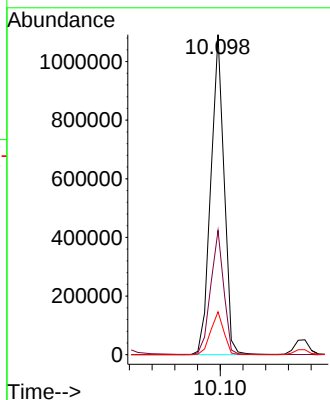
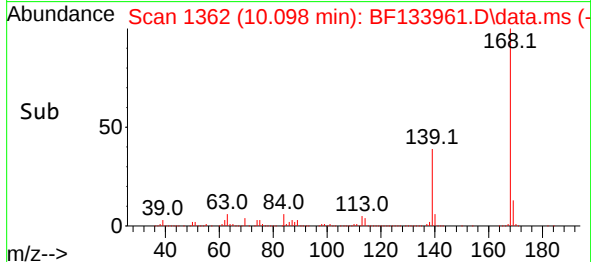
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



Tgt Ion:168 Resp: 883533
Ion Ratio Lower Upper
168 100
139 38.8 32.0 48.0
169 13.4 10.6 16.0

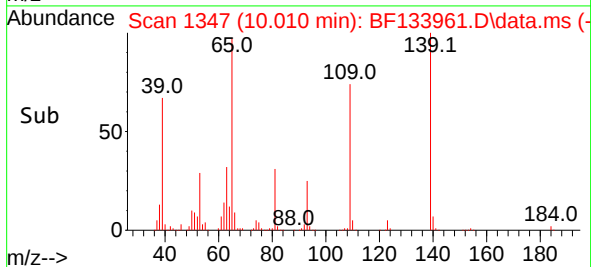
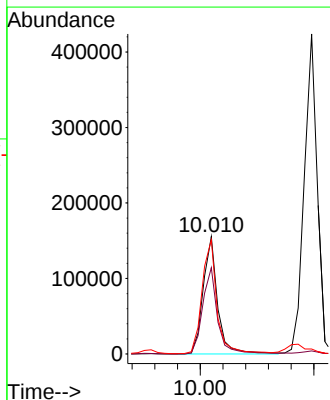
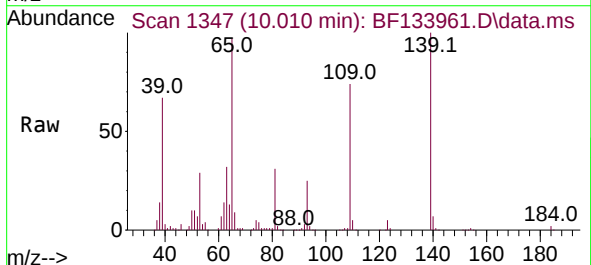
Manual Integrations
APPROVED

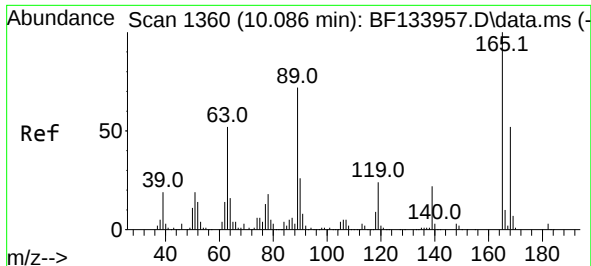
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#56
4-Nitrophenol
Concen: 42.614 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:139 Resp: 137151
Ion Ratio Lower Upper
139 100
109 73.6 56.8 96.8
65 97.4 86.1 126.1





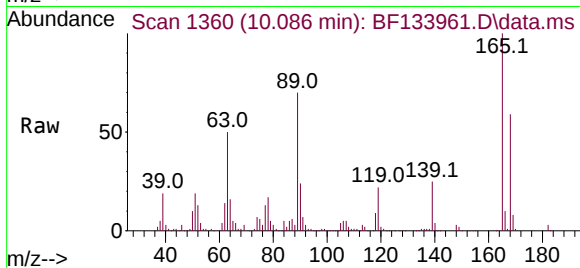
#57
2,4-Dinitrotoluene
Concen: 41.090 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

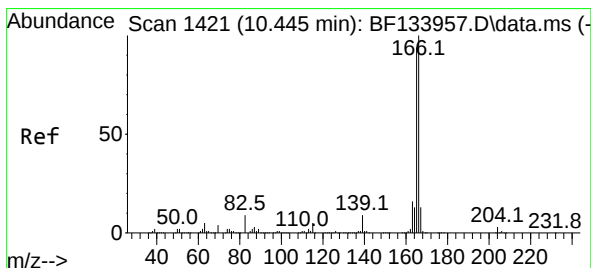
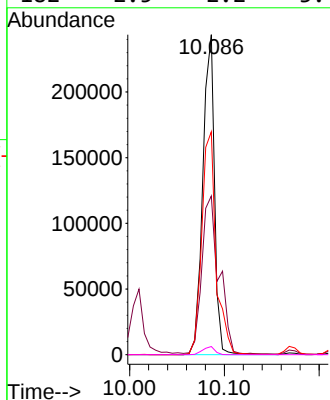
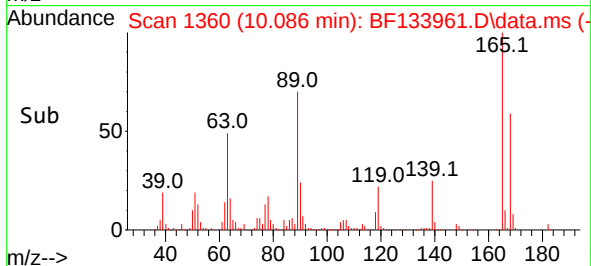


Tgt Ion:165 Resp: 20812
Ion Ratio Lower Upper
165 100
63 49.6 42.2 63.2
89 69.7 57.4 86.2
182 2.5 2.2 3.4

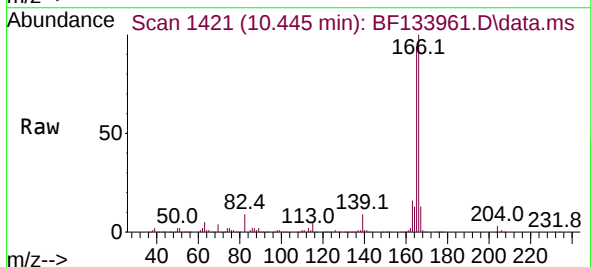
Manual Integrations

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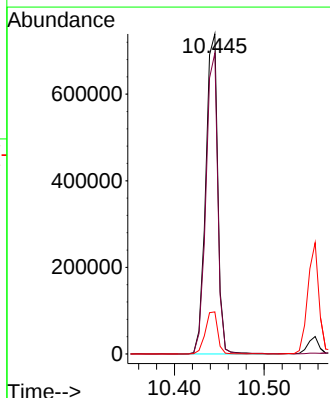
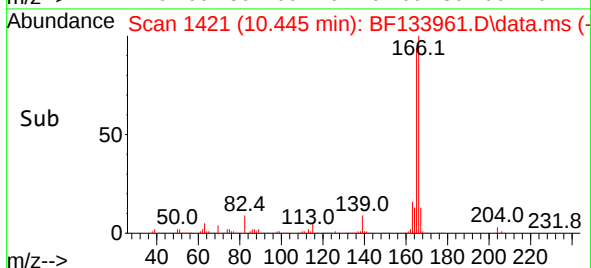
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

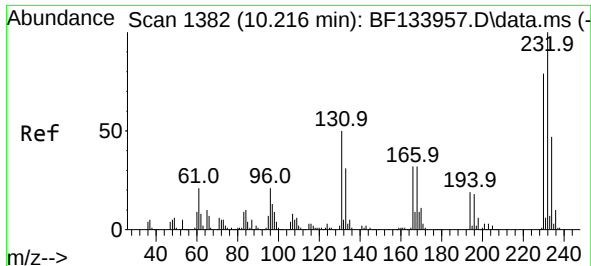


#58
Fluorene
Concen: 39.551 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



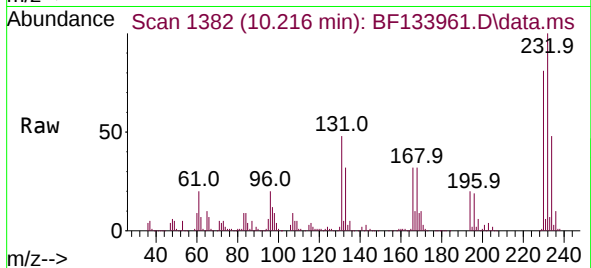
Tgt Ion:166 Resp: 686283
Ion Ratio Lower Upper
166 100
165 94.0 75.0 112.4
167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.191 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

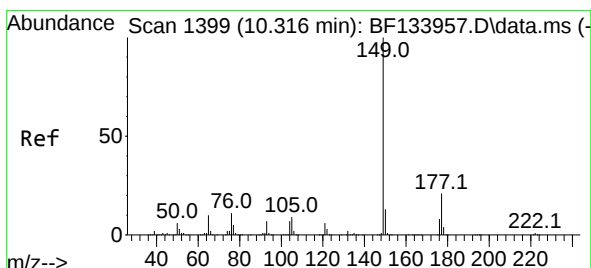
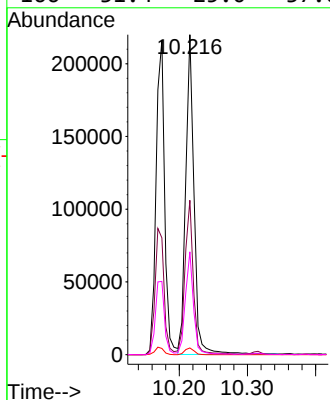
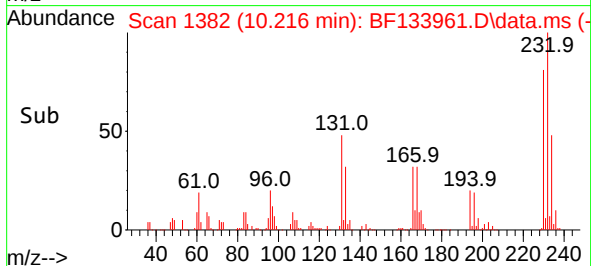
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



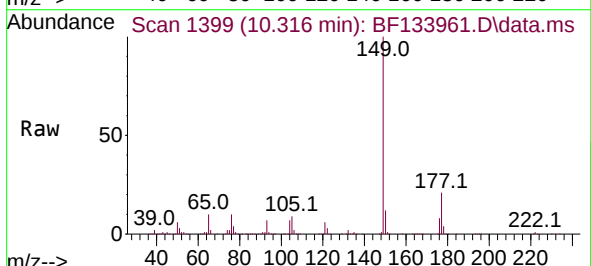
Tgt Ion:232 Resp: 184494
Ion Ratio Lower Upper
232 100
131 49.0 39.3 58.9
130 2.3 1.8 2.6
166 31.4 25.0 37.6

Manual Integrations
APPROVED

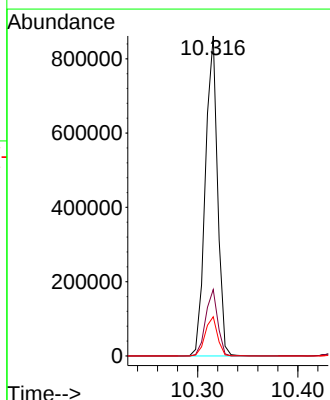
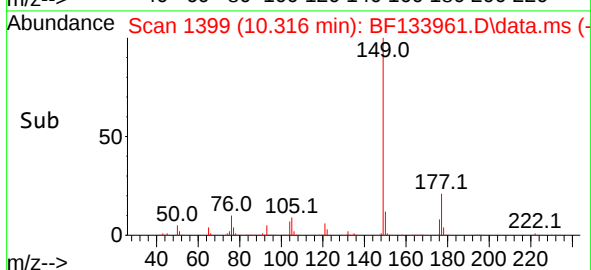
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

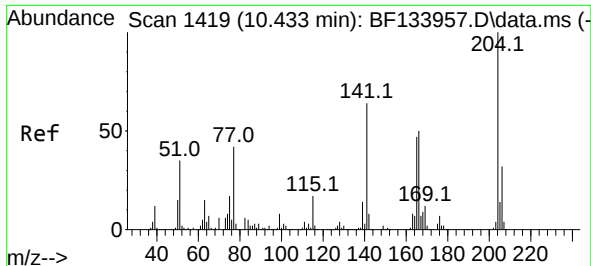


#60
Diethylphthalate
Concen: 39.416 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



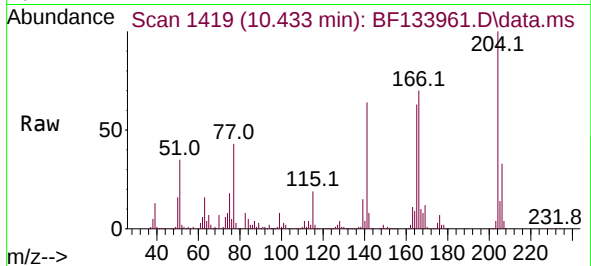
Tgt Ion:149 Resp: 731255
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.659 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

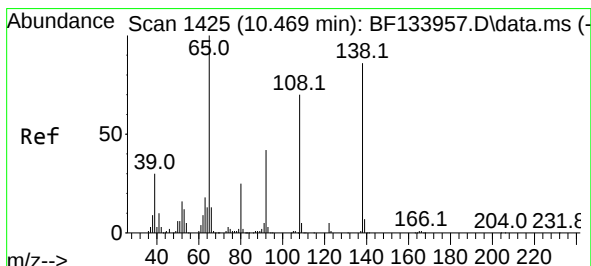
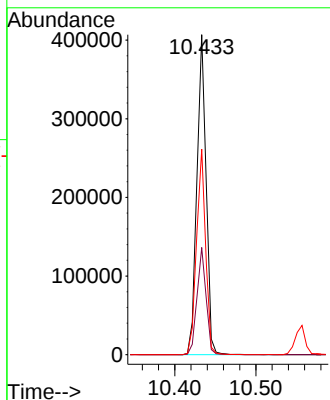
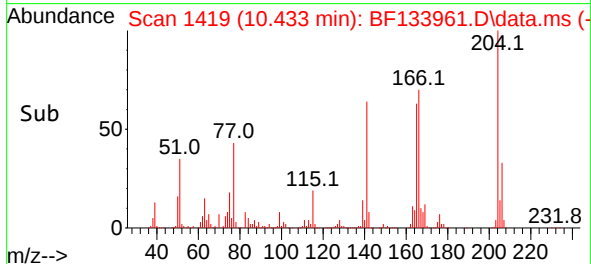
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



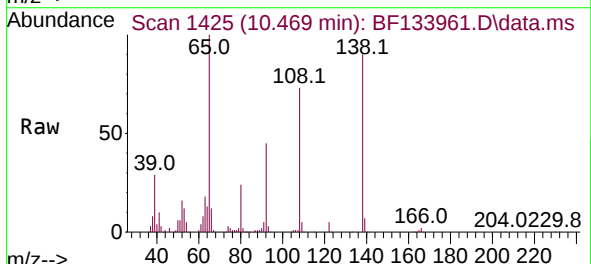
Tgt Ion:204 Resp: 32327
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 64.3 51.5 77.3

Manual Integrations
APPROVED

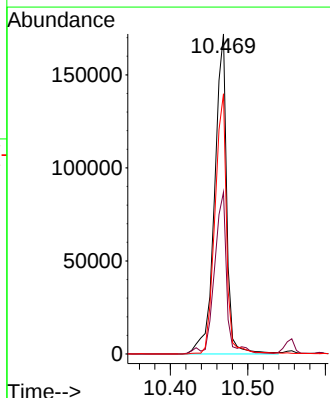
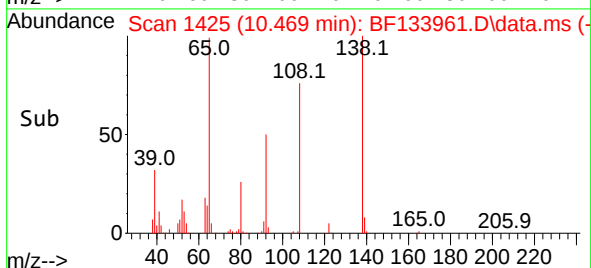
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

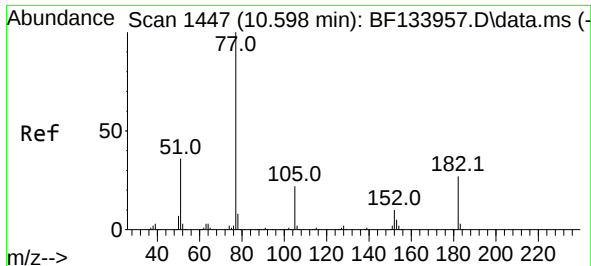


#62
4-Nitroaniline
Concen: 40.446 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:138 Resp: 187546
Ion Ratio Lower Upper
138 100
92 50.6 29.7 69.7
108 81.3 62.1 102.1





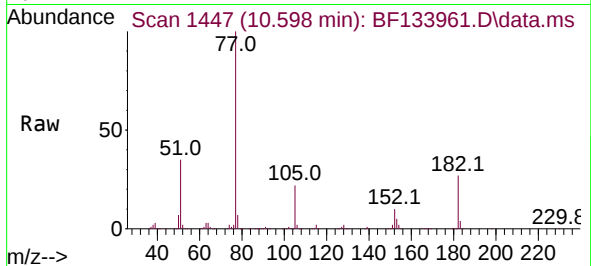
#63
Azobenzene
Concen: 38.012 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

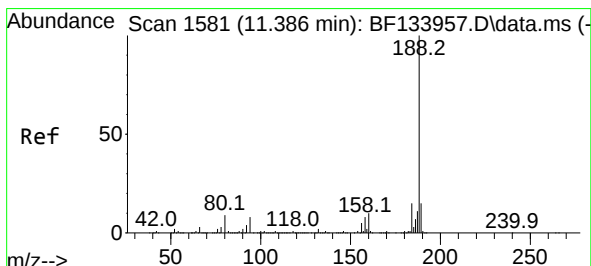
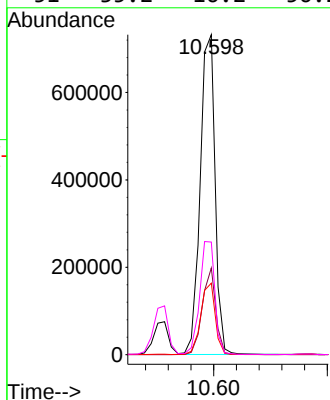
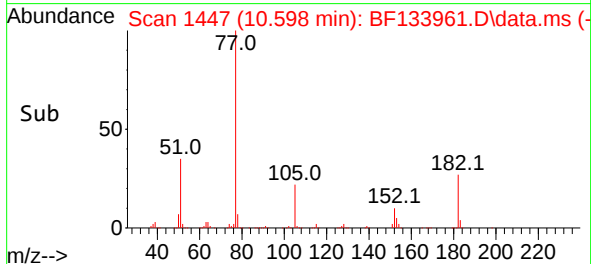


Tgt Ion: 77 Resp: 667060
Ion Ratio Lower Upper
77 100
182 27.1 6.8 46.8
105 22.3 2.3 42.3
51 35.2 16.2 56.2

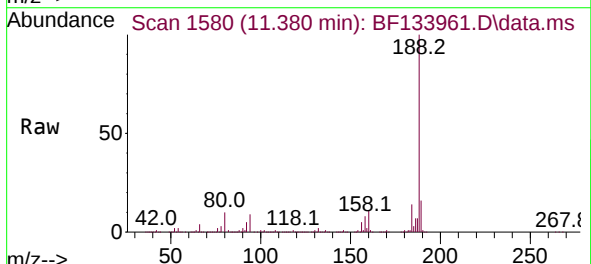
Manual Integrations

APPROVED

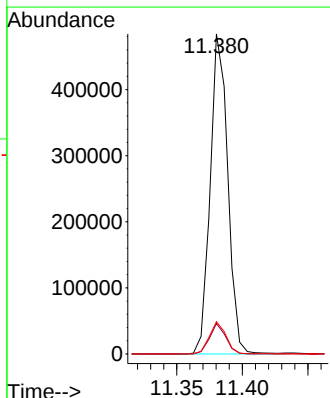
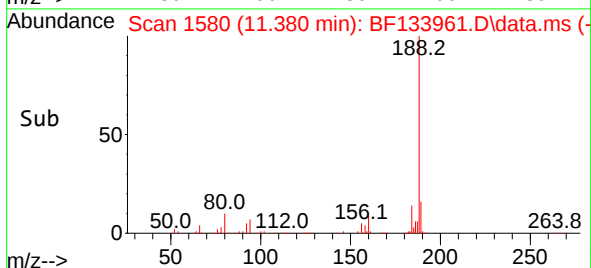
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

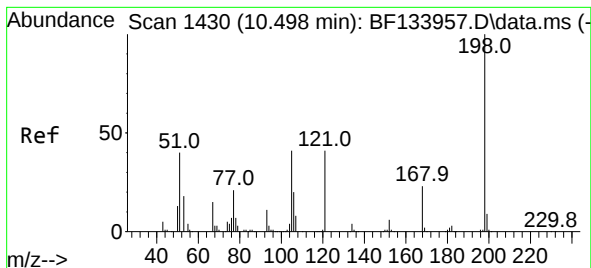


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:188 Resp: 451008
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.1 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.994 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

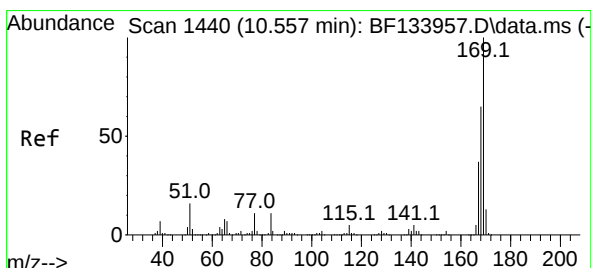
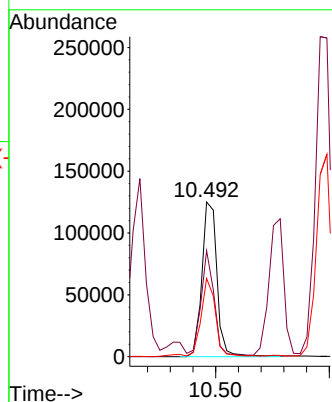
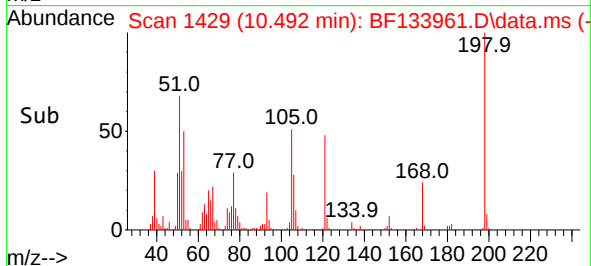
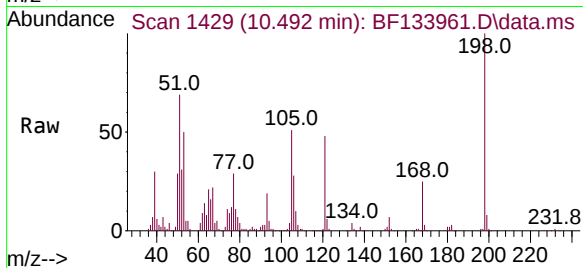
ClientSampleId :

ICVBF062623

Tgt Ion:198 Resp: 11555
Ion Ratio Lower Upper
198 100
51 68.5 29.3 69.3
105 50.6 22.4 62.4

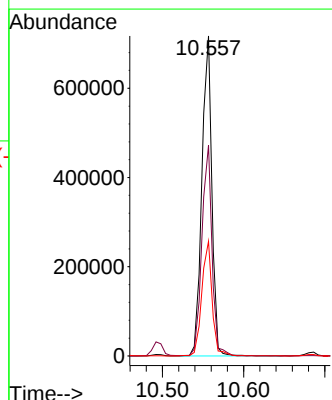
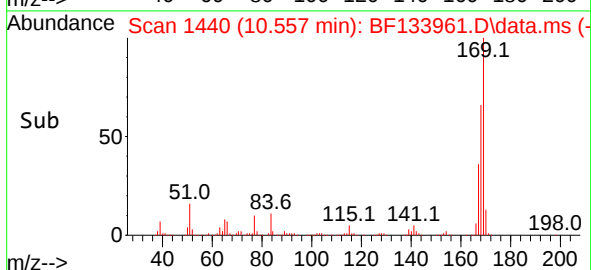
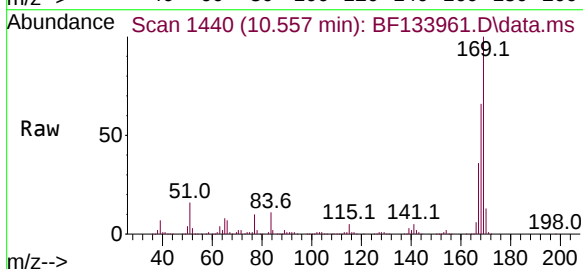
Manual Integrations
APPROVED

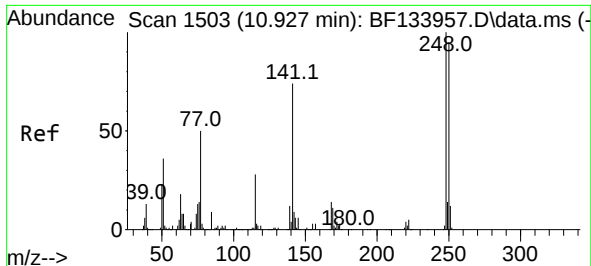
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#66
n-Nitrosodiphenylamine
Concen: 42.514 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:169 Resp: 612625
Ion Ratio Lower Upper
169 100
168 65.9 52.3 78.5
167 35.9 29.4 44.0





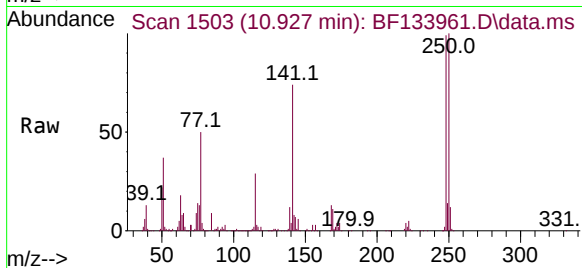
#67
4-Bromophenyl-phenylether
Concen: 42.887 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

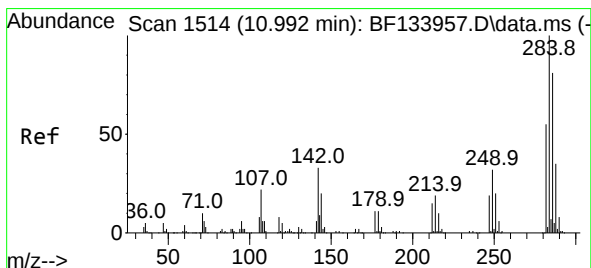
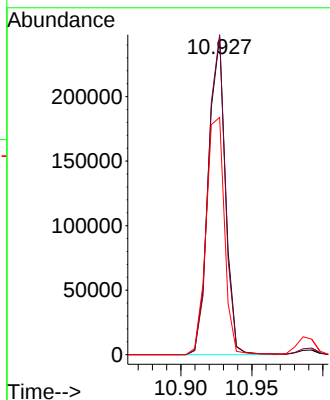
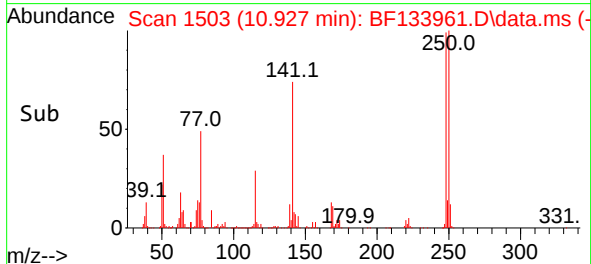
ICVBF062623



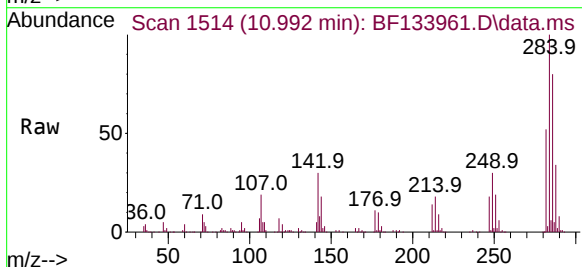
Tgt Ion:248 Resp: 20558
Ion Ratio Lower Upper
248 100
250 100.7 76.2 114.4
141 74.7 59.0 88.4

Manual Integrations
APPROVED

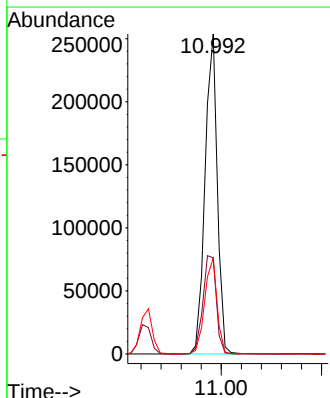
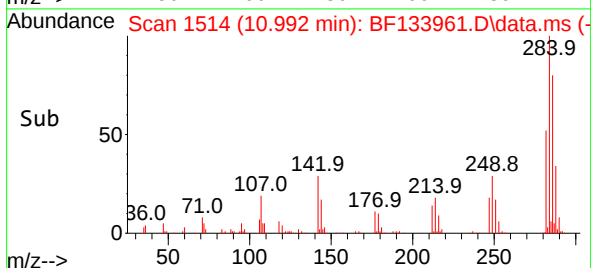
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

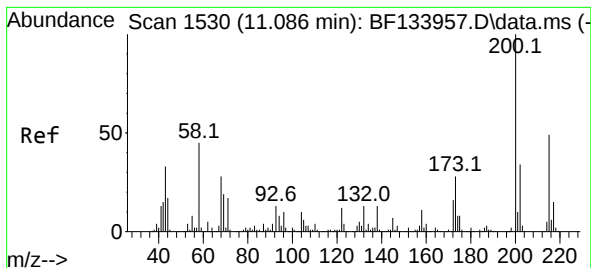


#68
Hexachlorobenzene
Concen: 42.547 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:284 Resp: 216552
Ion Ratio Lower Upper
284 100
142 30.1 26.6 40.0
249 29.9 25.5 38.3





#69

Atrazine

Concen: 41.681 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

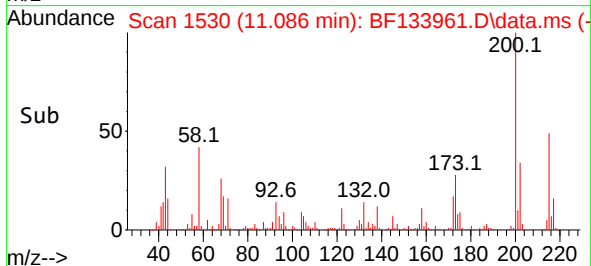
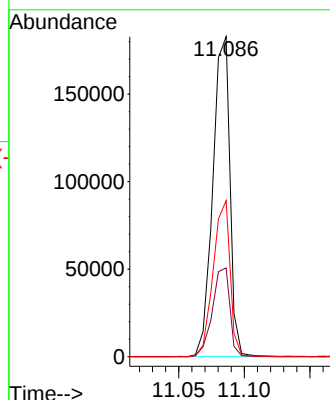
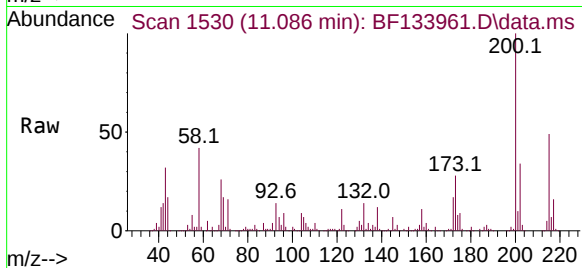
Tgt Ion:200 Resp: 16613
 Ion Ratio Lower Upper
 200 100
 173 27.7 8.0 48.0
 215 48.8 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#70

Pentachlorophenol

Concen: 40.954 ng

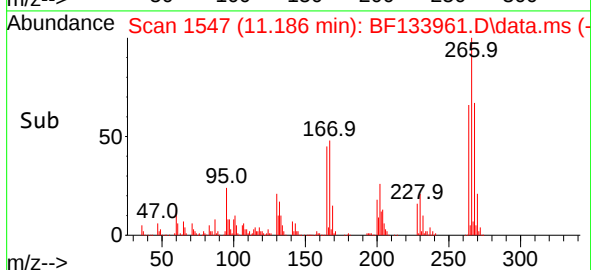
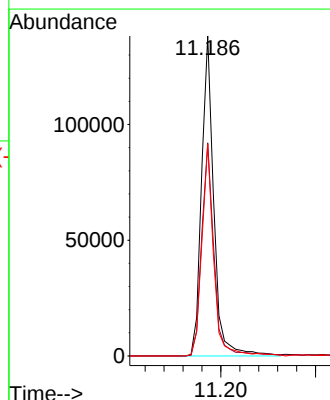
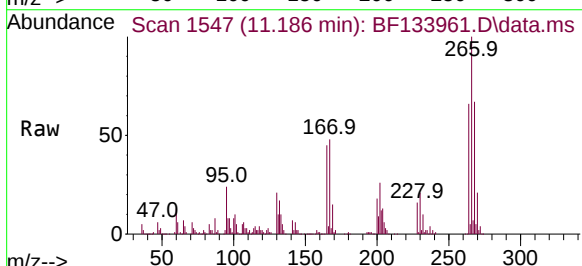
RT: 11.186 min Scan# 1547

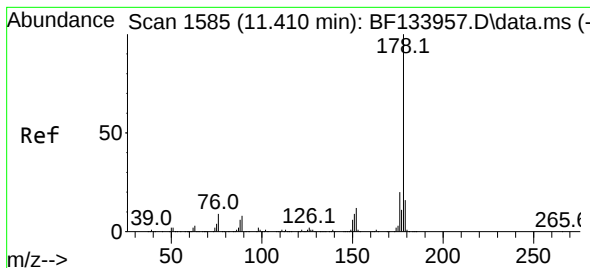
Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

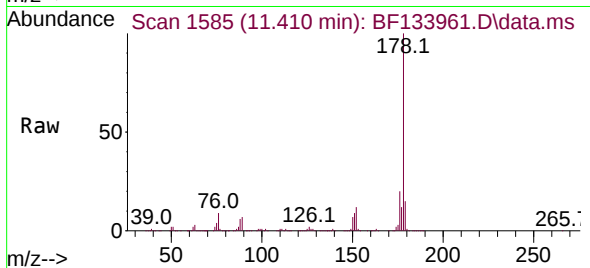
Tgt Ion:266 Resp: 124633
 Ion Ratio Lower Upper
 266 100
 268 66.6 52.6 79.0
 264 66.2 50.6 76.0





#71
Phenanthrene
Concen: 39.813 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

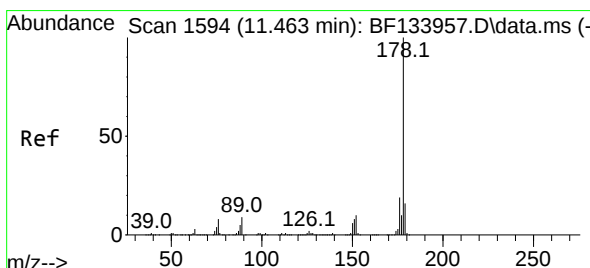
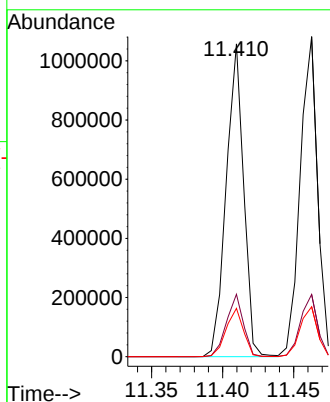
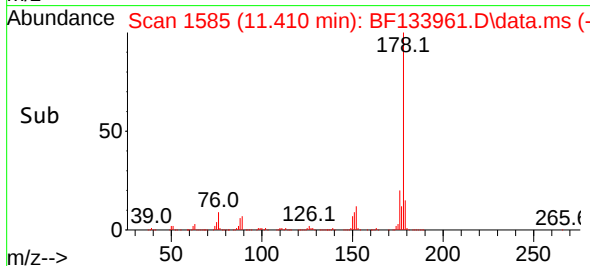
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



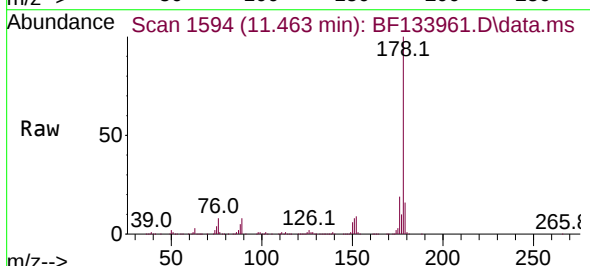
Tgt Ion:178 Resp: 903934
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

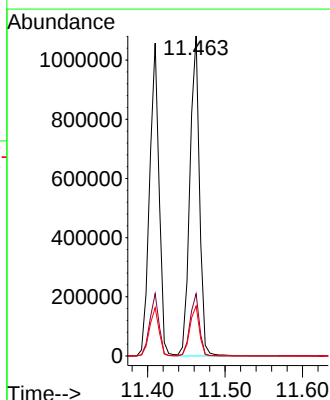
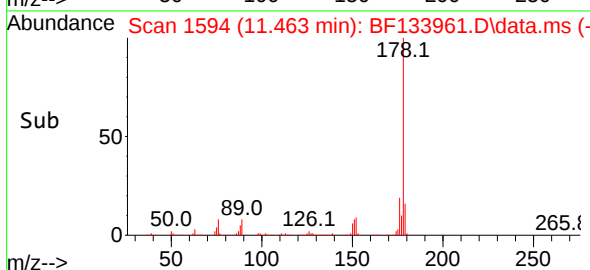
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

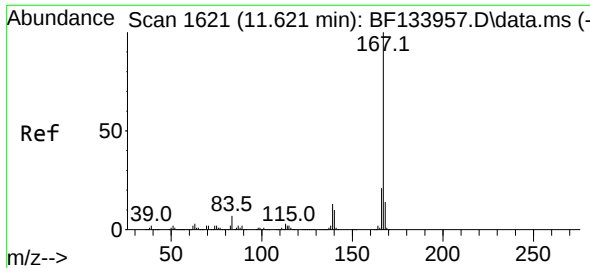


#72
Anthracene
Concen: 39.299 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



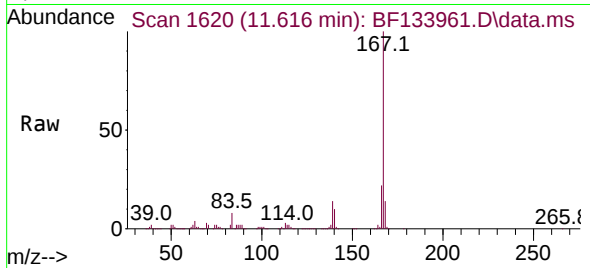
Tgt Ion:178 Resp: 928065
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.4 18.6





#73
Carbazole
Concen: 40.663 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

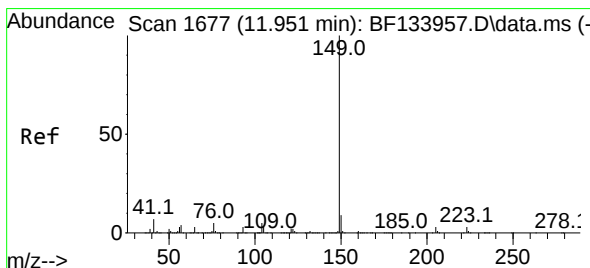
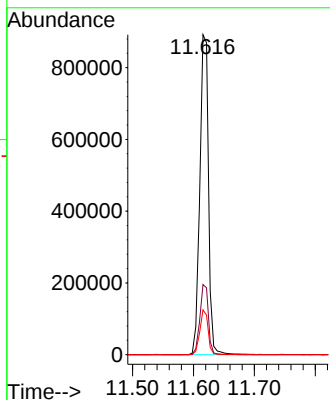
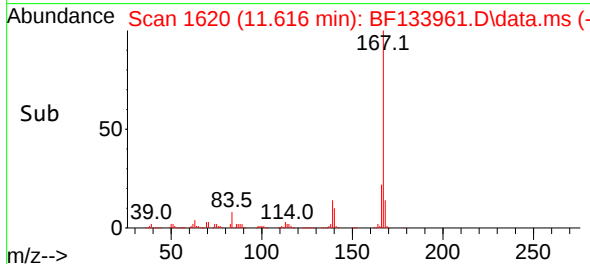
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



Tgt Ion:167 Resp: 878934
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 14.0 10.4 15.6

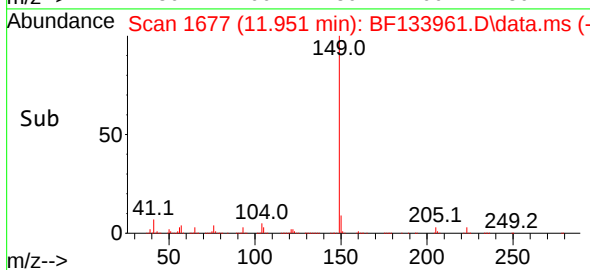
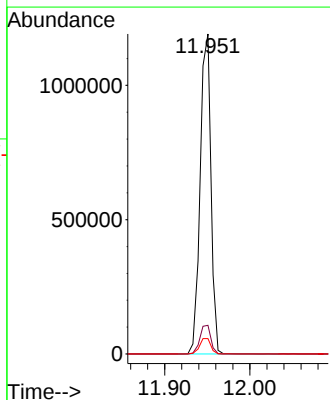
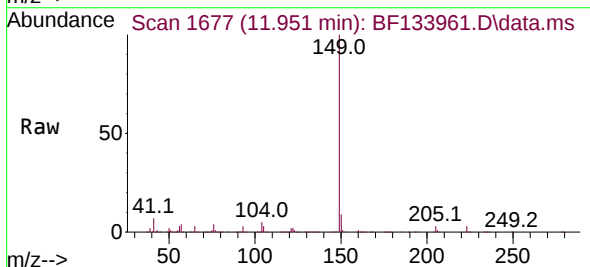
Manual Integrations
APPROVED

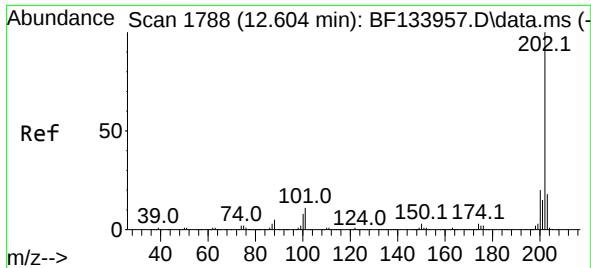
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#74
Di-n-butylphthalate
Concen: 40.723 ng
RT: 11.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:149 Resp: 1046757
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 4.8 4.0 6.0





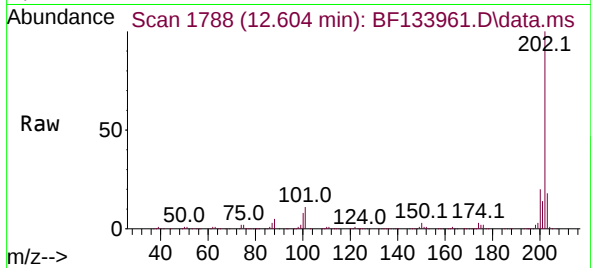
#75
Fluoranthene
Concen: 42.248 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623



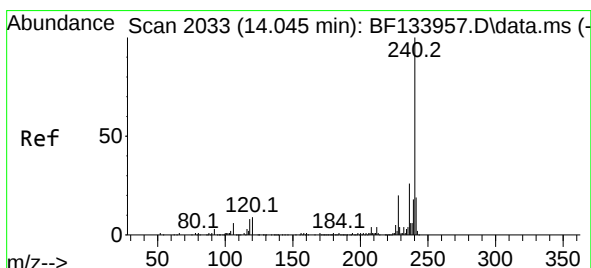
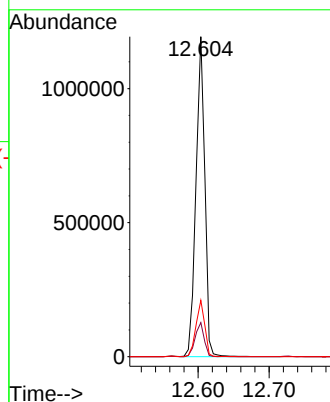
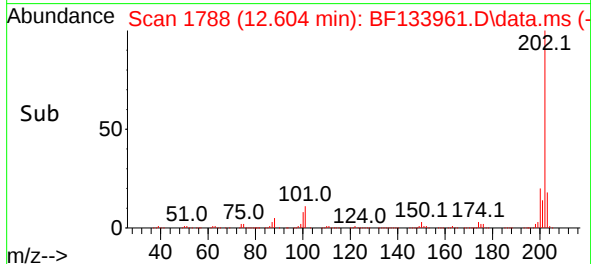
Tgt Ion:202 Resp: 103699
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 17.6 0.0 37.6

Manual Integrations

APPROVED

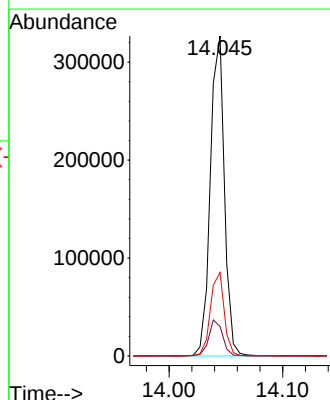
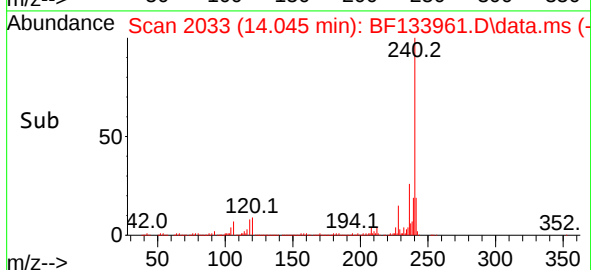
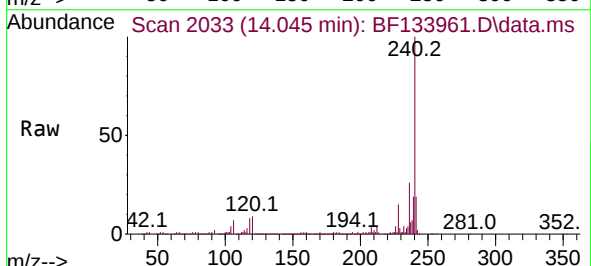
Reviewed By :Yogesh Patel 06/27/2023

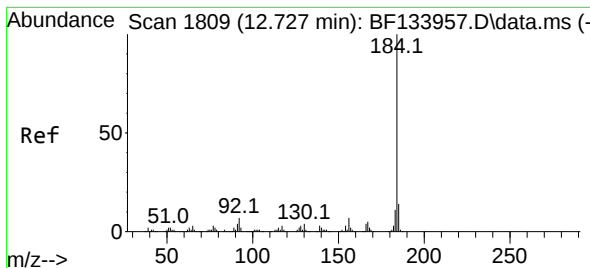
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Tgt Ion:240 Resp: 281139
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.1 21.0 31.6





#77

Benzidine

Concen: 39.986 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

Tgt Ion:184 Resp: 267480

Ion Ratio Lower Upper

184 100

185 15.2 11.6 17.4

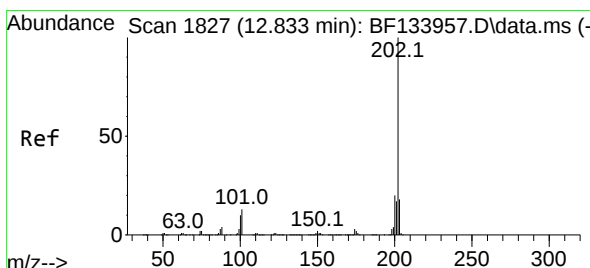
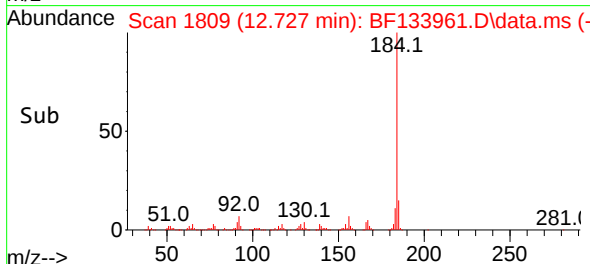
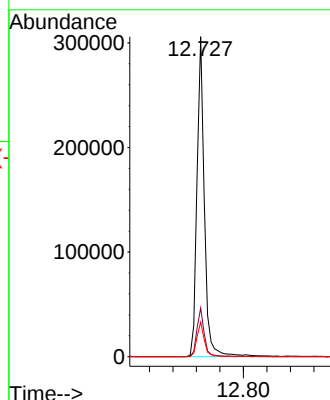
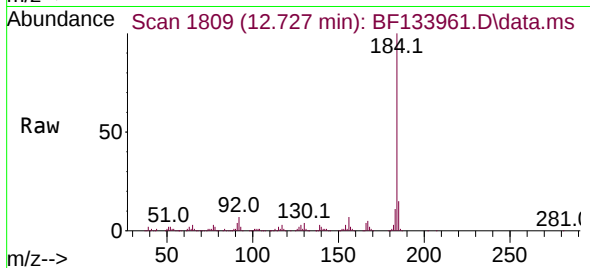
183 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#78

Pyrene

Concen: 39.967 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

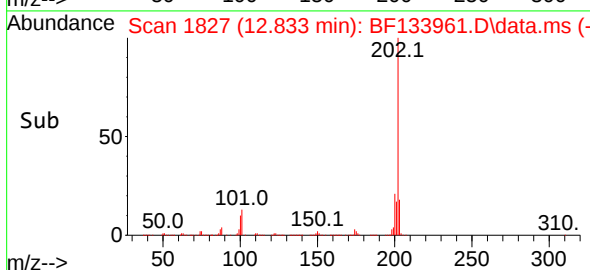
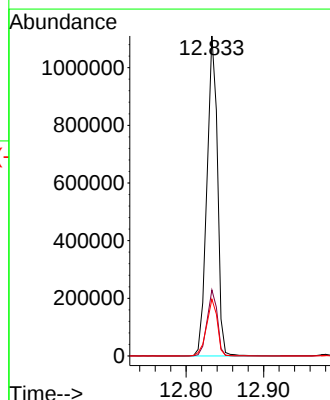
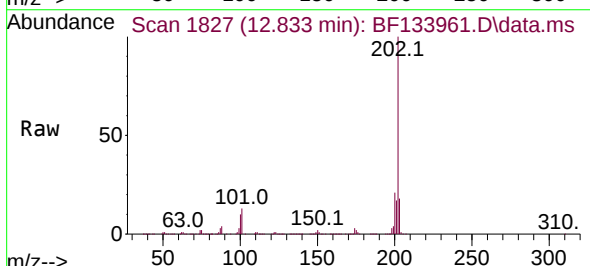
Tgt Ion:202 Resp: 1045698

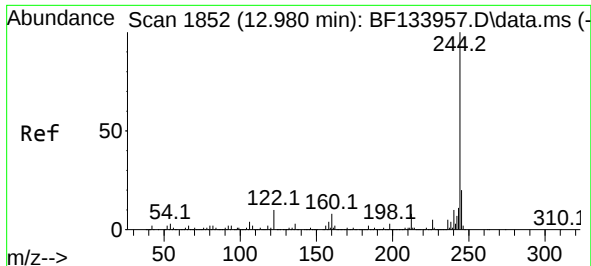
Ion Ratio Lower Upper

202 100

200 20.7 16.1 24.1

203 17.7 14.3 21.5





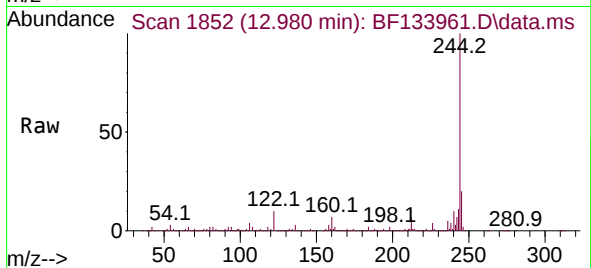
#79
 Terphenyl-d14
 Concen: 78.164 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF133961.D
 Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

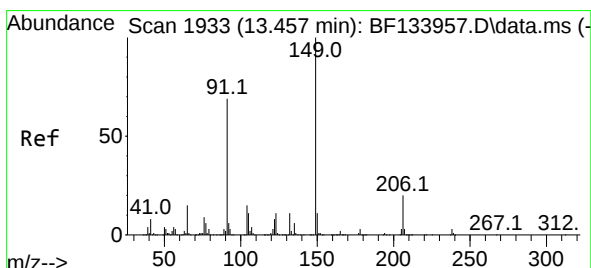
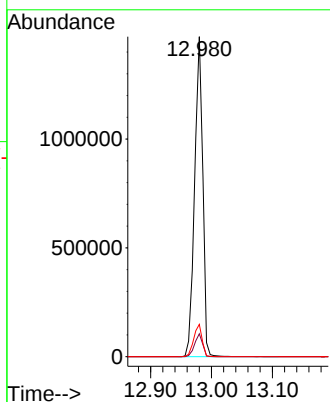
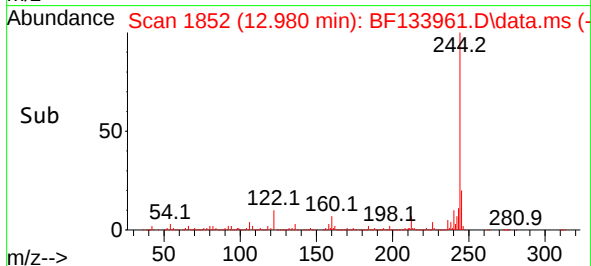


Tgt Ion:244 Resp: 136539
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.1 8.3 12.5

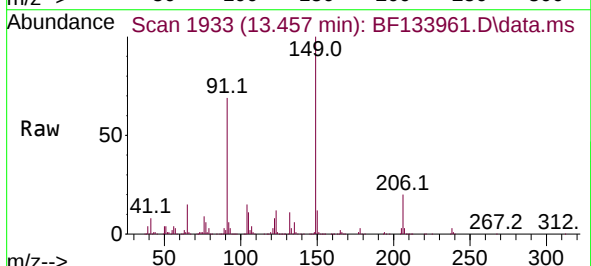
Manual Integrations

APPROVED

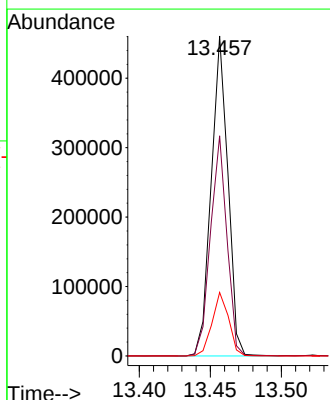
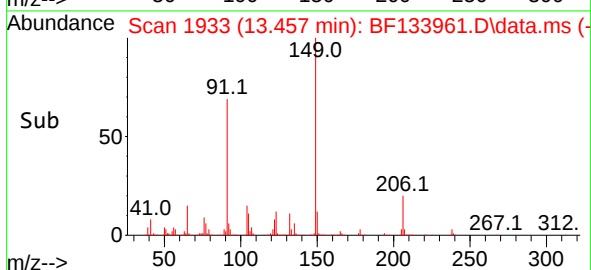
Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/29/2023

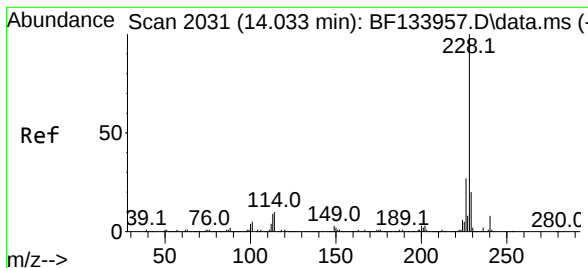


#80
 Butylbenzylphthalate
 Concen: 38.411 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF133961.D
 Acq: 26 Jun 2023 19:56



Tgt Ion:149 Resp: 376918
 Ion Ratio Lower Upper
 149 100
 91 68.8 55.1 82.7
 206 19.9 15.7 23.5





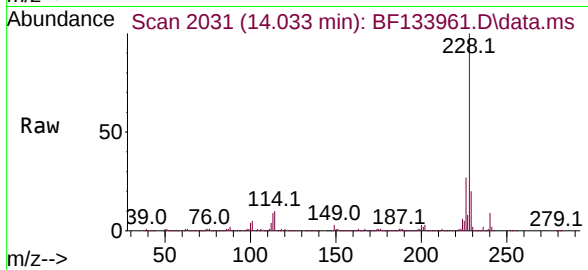
#81
Benzo(a)anthracene
Concen: 39.010 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

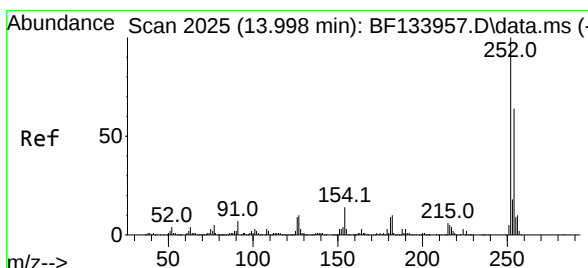
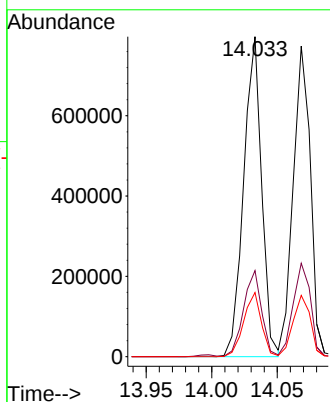
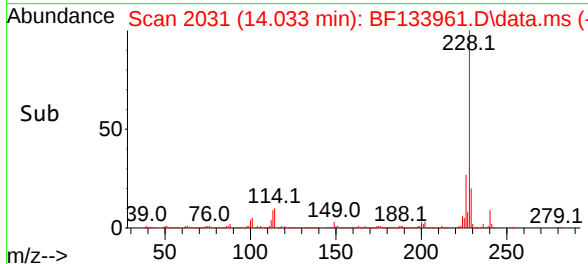


Tgt Ion:228 Resp: 760598
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 20.0 16.3 24.5

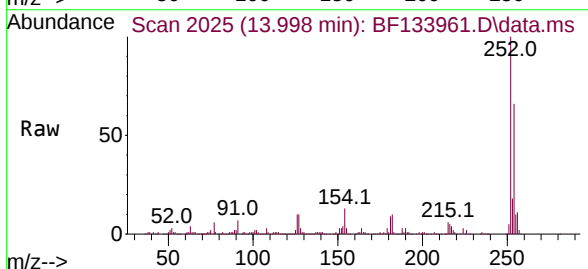
Manual Integrations

APPROVED

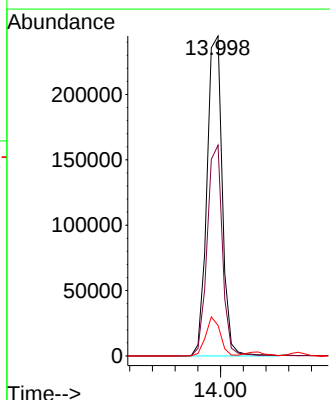
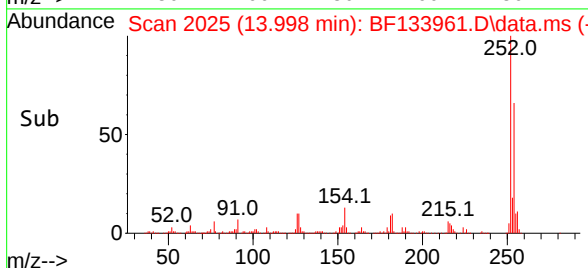
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

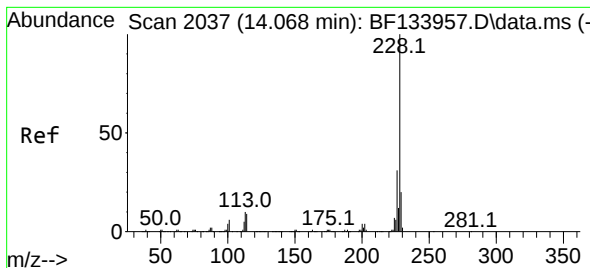


#82
3,3'-Dichlorobenzidine
Concen: 37.051 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:252 Resp: 228869
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.0
126 9.6 7.4 11.2





#83

Chrysene

Concen: 37.334 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

Tgt Ion:228 Resp: 705030

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

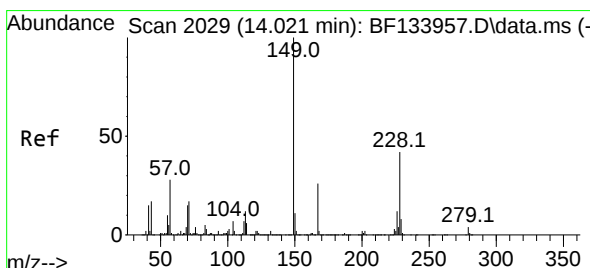
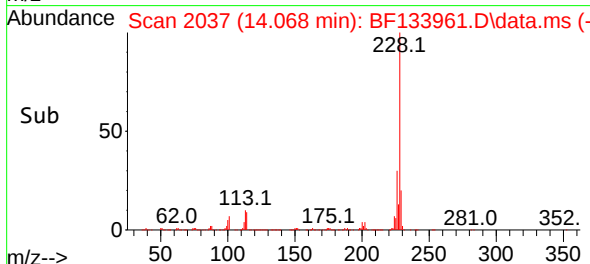
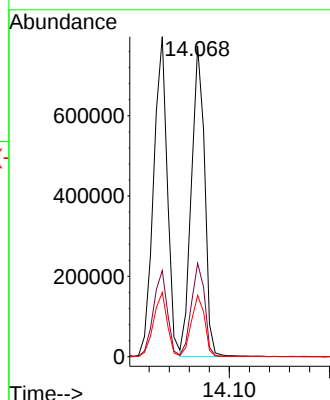
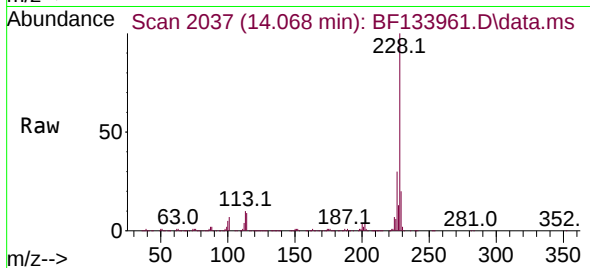
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.866 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

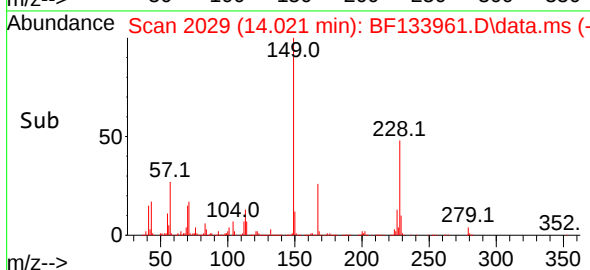
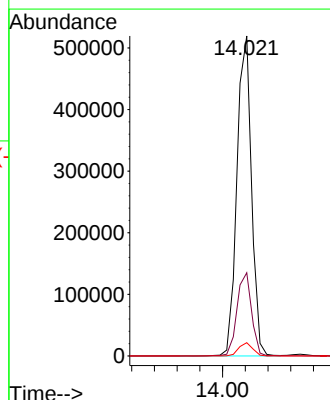
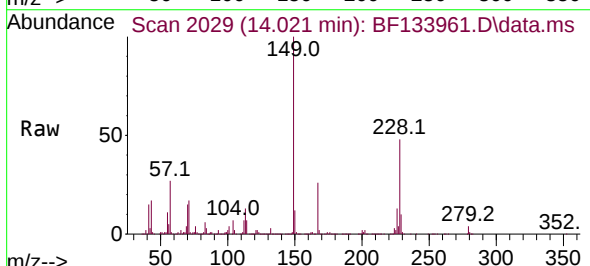
Tgt Ion:149 Resp: 460777

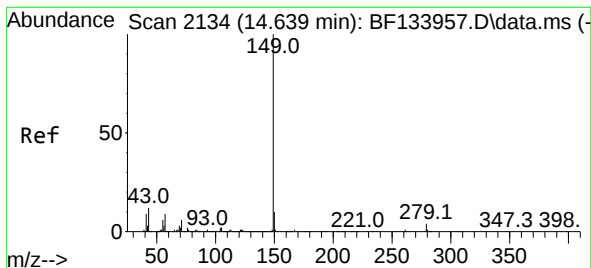
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.870 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF133961.D

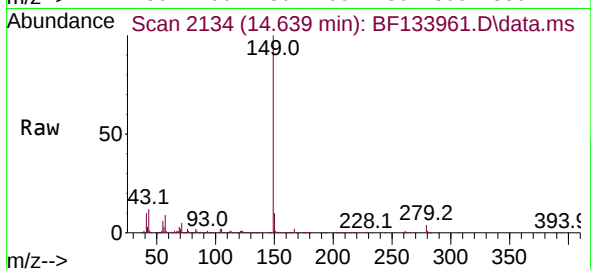
Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623



Tgt Ion:149 Resp: 66055

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

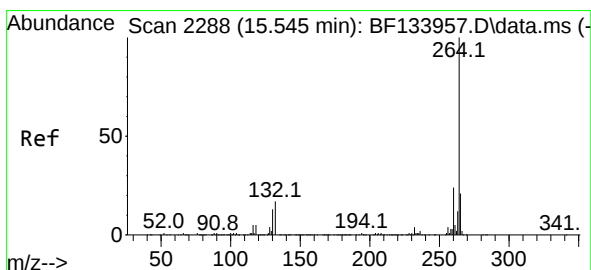
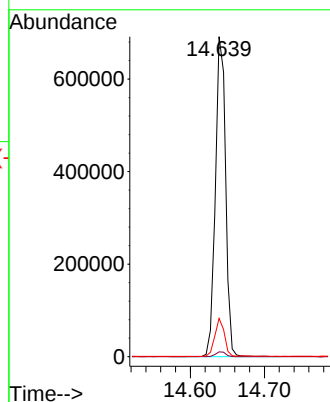
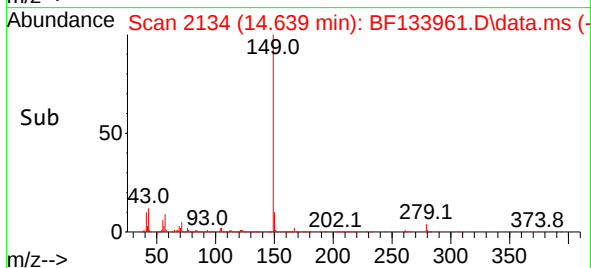
43 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

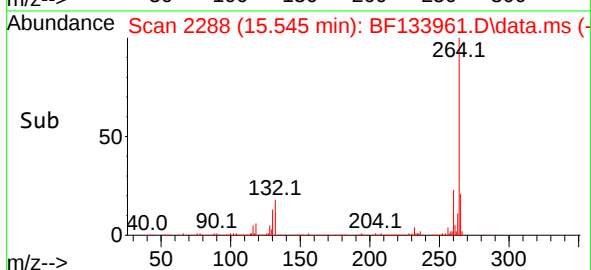
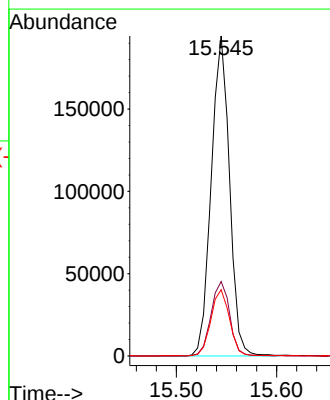
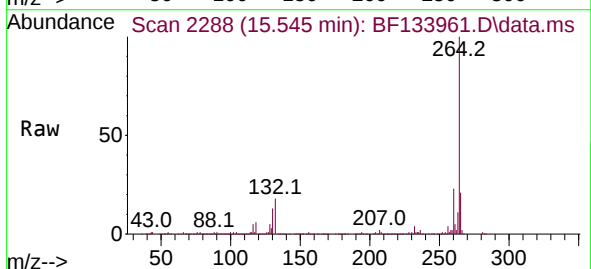
Tgt Ion:264 Resp: 246066

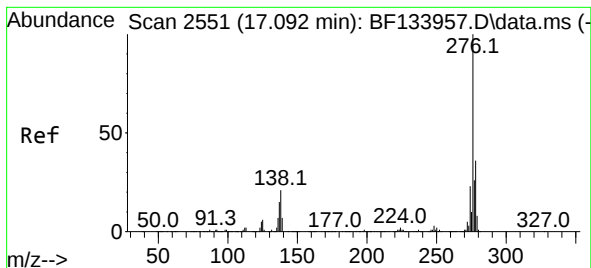
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.906 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF062623

Tgt Ion:276 Resp: 749670

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

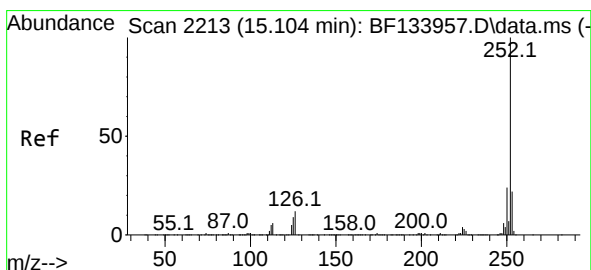
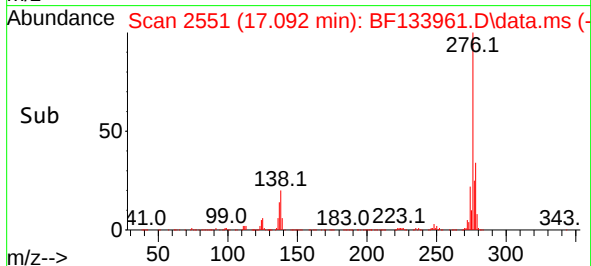
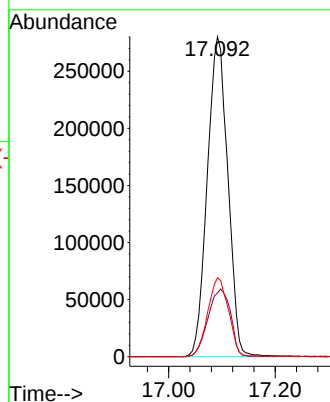
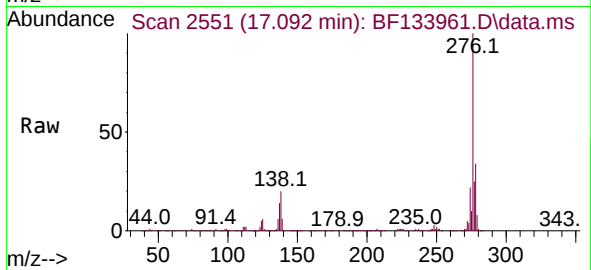
277 25.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#88

Benzo(b)fluoranthene

Concen: 40.759 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF133961.D

Acq: 26 Jun 2023 19:56

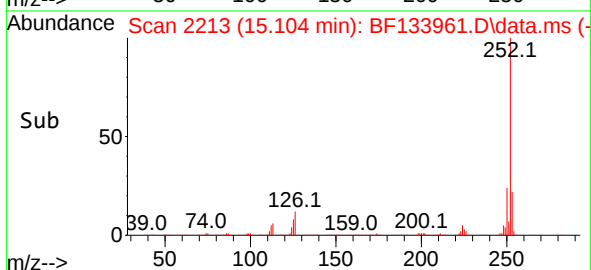
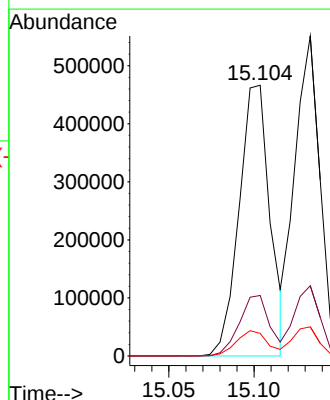
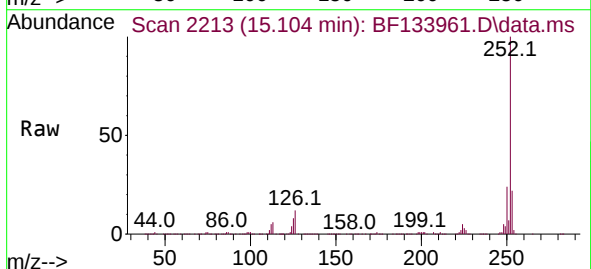
Tgt Ion:252 Resp: 589738

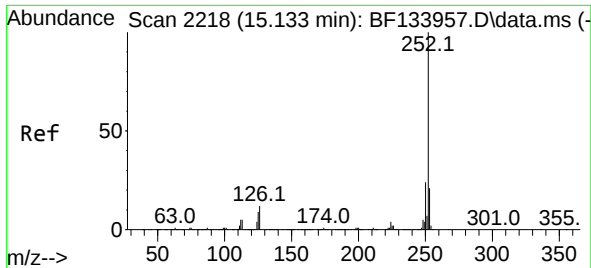
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

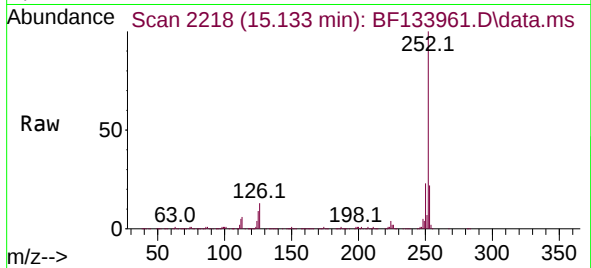
125 8.3 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 38.803 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

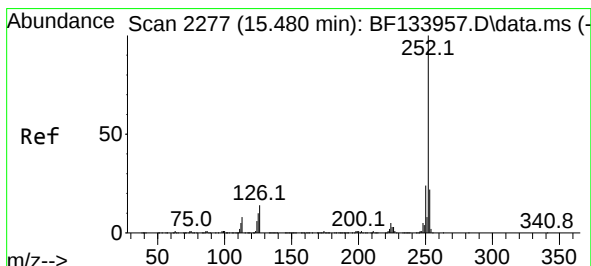
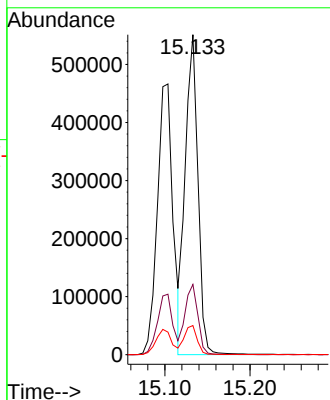
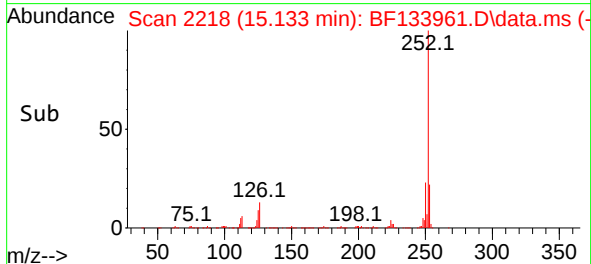
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



Tgt Ion:252 Resp: 57163
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 9.1 7.4 11.2

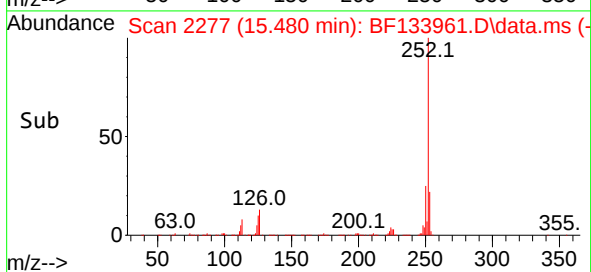
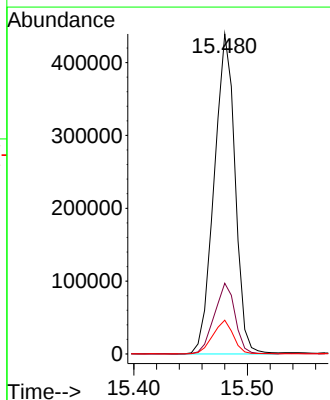
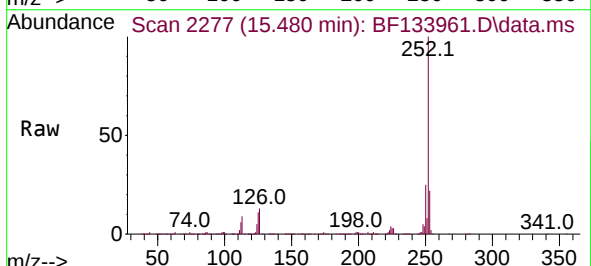
Manual Integrations
APPROVED

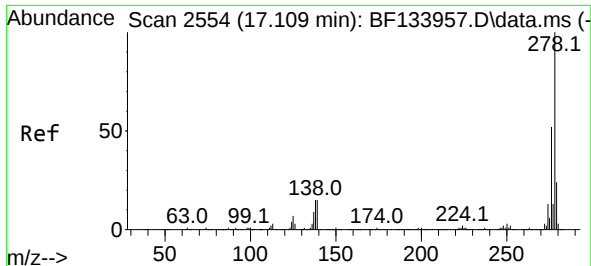
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(a)pyrene
Concen: 40.238 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

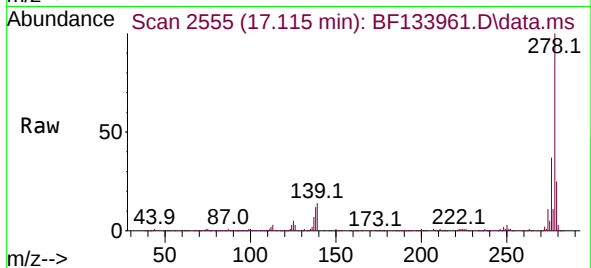
Tgt Ion:252 Resp: 562979
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.6 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 43.836 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56

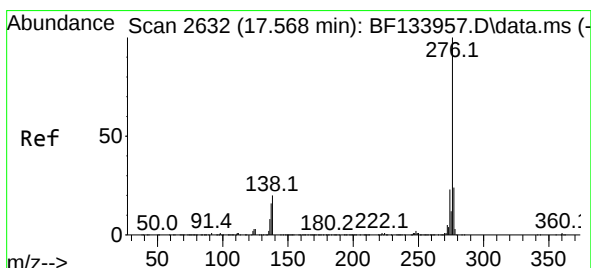
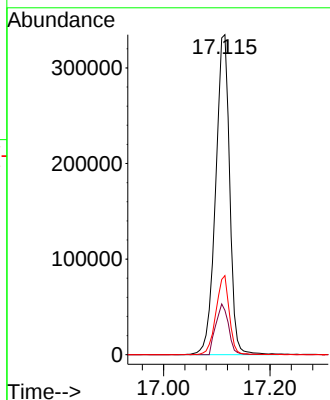
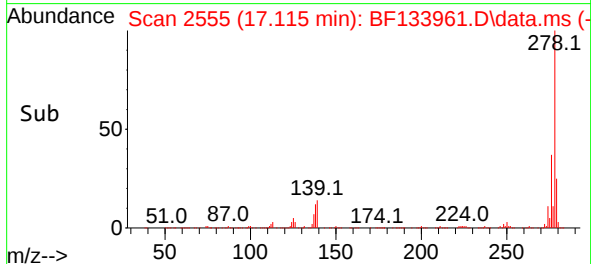
Instrument :
BNA_F
ClientSampleId :
ICVBF062623



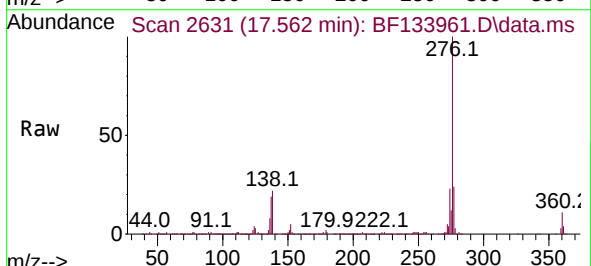
Tgt Ion:278 Resp: 61134
Ion Ratio Lower Upper
278 100
139 13.9 12.2 18.4
279 24.7 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#92
Benzo(g,h,i)perylene
Concen: 46.885 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.006 min
Lab File: BF133961.D
Acq: 26 Jun 2023 19:56



Tgt Ion:276 Resp: 674300
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 22.1 16.2 24.2

