

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133695.D
 Acq On : 10 Jun 2023 02:31
 Operator : CG\JU
 Sample : 03092-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Jun 10 02:59:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	95113	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	329161	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	138864	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	239136	20.000	ng	0.00
76) Chrysene-d12	14.016	240	122041	20.000	ng	0.00
86) Perylene-d12	15.480	264	101680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	579085	105.993	ng	0.03
7) Phenol-d6	6.475	99	647354	91.029	ng	0.00
23) Nitrobenzene-d5	7.404	82	480503	79.510	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	176482	100.401	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	805799	82.488	ng	0.00
79) Terphenyl-d14	12.957	244	726051	92.055	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	78296	32.597	ng	# 80
3) Pyridine	3.504	79	149331	21.330	ng	98
4) n-Nitrosodimethylamine	3.440	42	148641	38.410	ng	99
6) Aniline	6.498	93	66099	7.379	ng	# 80
8) 2-Chlorophenol	6.628	128	236758	41.121	ng	95
9) Benzaldehyde	6.393	77	54810	11.617	ng	98
10) Phenol	6.487	94	243339	32.769	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	223015	40.453	ng	95
12) 1,3-Dichlorobenzene	6.781	146	249926	40.627	ng	98
13) 1,4-Dichlorobenzene	6.857	146	251644	40.473	ng	99
14) 1,2-Dichlorobenzene	7.010	146	238948	42.531	ng	98
15) Benzyl Alcohol	6.981	79	197768	35.606	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	379634	40.624	ng	95
17) 2-Methylphenol	7.098	107	192775	37.775	ng	99
18) Hexachloroethane	7.351	117	64279	30.198	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	174159	38.491	ng	99
20) 3+4-Methylphenols	7.245	107	225526	33.971	ng	# 81
22) Acetophenone	7.251	105	337292	44.677	ng	98
24) Nitrobenzene	7.428	77	252078	41.424	ng	98
25) Isophorone	7.663	82	458624	41.337	ng	100
26) 2-Nitrophenol	7.739	139	97192	35.588	ng	99
27) 2,4-Dimethylphenol	7.781	122	201237	42.751	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	265407	41.389	ng	99
29) 2,4-Dichlorophenol	7.981	162	181716	39.389	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	198106	41.158	ng	97
31) Naphthalene	8.145	128	627947	39.157	ng	99
32) Benzoic acid	7.898	122	115438	38.885	ng	93
33) 4-Chloroaniline	8.198	127	21958	3.202	ng	97
34) Hexachlorobutadiene	8.257	225	128849	40.886	ng	99
35) Caprolactam	8.569	113	47463m	30.575	ng	
36) 4-Chloro-3-methylphenol	8.681	107	192945	36.284	ng	99
37) 2-Methylnaphthalene	8.839	142	396747	35.607	ng	97
38) 1-Methylnaphthalene	8.939	142	362879	35.392	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	183858	43.552	ng	99
41) Hexachlorocyclopentadiene	8.986	237	38360	20.390	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	118903	42.149	ng	96

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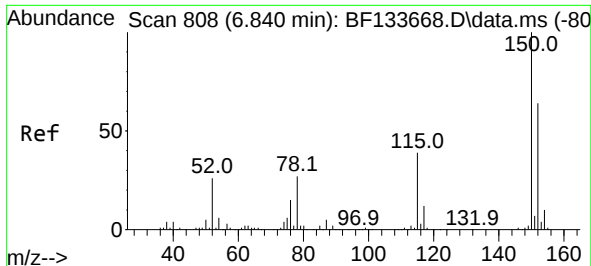
Manual Integrations
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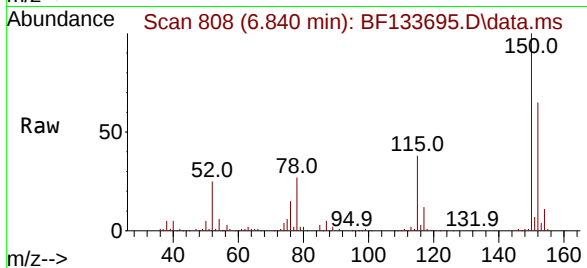
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	121584	37.046	ng	99
46) 1,1'-Biphenyl	9.304	154	489784	43.732	ng	100
47) 2-Chloronaphthalene	9.328	162	341957	42.566	ng	99
48) 2-Nitroaniline	9.422	65	128235	43.645	ng	93
49) Acenaphthylene	9.745	152	551794	39.463	ng	99
50) Dimethylphthalate	9.604	163	439222	42.375	ng	100
51) 2,6-Dinitrotoluene	9.669	165	80815	37.774	ng	97
52) Acenaphthene	9.916	154	330218	40.347	ng	100
53) 3-Nitroaniline	9.833	138	57413	22.052	ng	92
54) 2,4-Dinitrophenol	9.939	184	11843	16.235	ng	89
55) Dibenzofuran	10.086	168	486993	38.995	ng	97
56) 4-Nitrophenol	9.998	139	119577	68.053	ng	86
57) 2,4-Dinitrotoluene	10.069	165	96691	35.536	ng	98
58) Fluorene	10.433	166	361538	37.855	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	97559	39.704	ng	# 98
60) Diethylphthalate	10.304	149	440106	41.719	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	184133	39.054	ng	98
62) 4-Nitroaniline	10.451	138	87972	34.462	ng	96
63) Azobenzene	10.580	77	364719	36.521	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	8442	7.388	ng	98
66) n-Nitrosodiphenylamine	10.539	169	316000	39.340	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	108234	40.551	ng	93
68) Hexachlorobenzene	10.980	284	119064	42.421	ng	92
69) Atrazine	11.069	200	84703	36.343	ng	97
70) Pentachlorophenol	11.175	266	115232	68.562	ng	98
71) Phenanthrene	11.398	178	486498	40.099	ng	100
72) Anthracene	11.451	178	498409	39.398	ng	98
73) Carbazole	11.604	167	464350	39.411	ng	99
74) Di-n-butylphthalate	11.933	149	613542	40.619	ng	99
75) Fluoranthene	12.586	202	502335	38.989	ng	99
77) Benzidine	12.710	184	45846	11.195	ng	99
78) Pyrene	12.816	202	495175	43.556	ng	99
80) Butylbenzylphthalate	13.433	149	227232	47.346	ng	97
81) Benzo(a)anthracene	14.004	228	343468	40.687	ng	98
82) 3,3'-Dichlorobenzidine	13.968	252	37071	13.209	ng	99
83) Chrysene	14.045	228	313351	39.246	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	294026	49.755	ng	98
85) Di-n-octyl phthalate	14.610	149	434568	51.748	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	250535	35.815	ng	98
88) Benzo(b)fluoranthene	15.057	252	264513	42.825	ng	98
89) Benzo(k)fluoranthene	15.086	252	266343	44.267	ng	97
90) Benzo(a)pyrene	15.421	252	224296	39.128	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	207038	35.750	ng	99
92) Benzo(g,h,i)perylene	17.398	276	178150	31.026	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

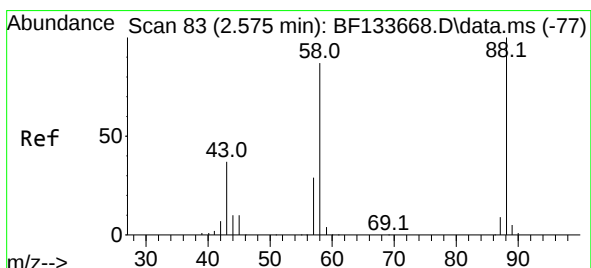
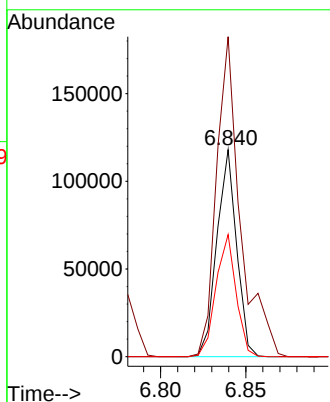
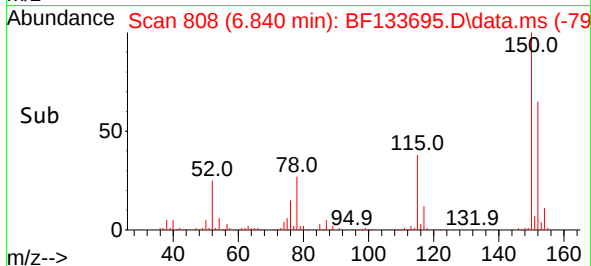
Instrument :
BNA_F
Client SampleId :
TP-1MS



Tgt Ion: 152 Resp: 9511
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 59.0 48.5 72.7

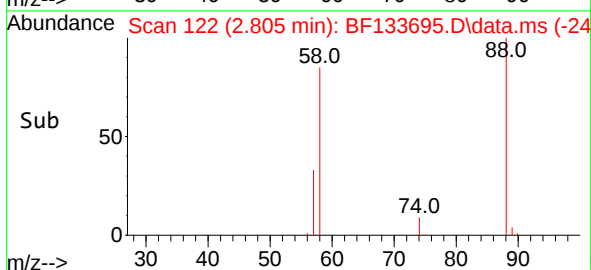
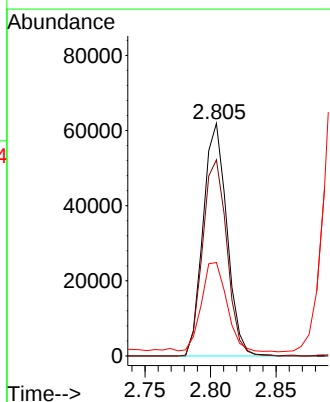
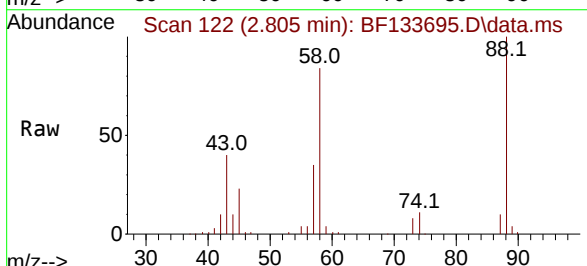
Manual Integrations
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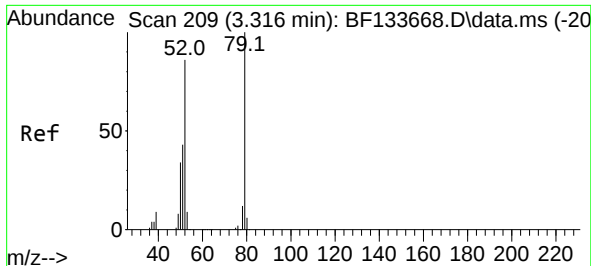
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#2
1,4-Dioxane
Concen: 32.597 ng
RT: 2.805 min Scan# 122
Delta R.T. 0.229 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

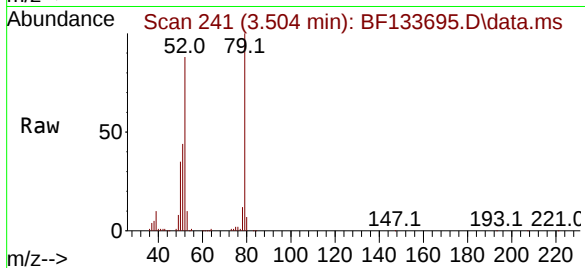
Tgt Ion: 88 Resp: 78296
Ion Ratio Lower Upper
88 100
58 86.1 67.8 101.6
43 0.0 29.8 44.6#





#3
Pyridine
Concen: 21.330 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.188 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

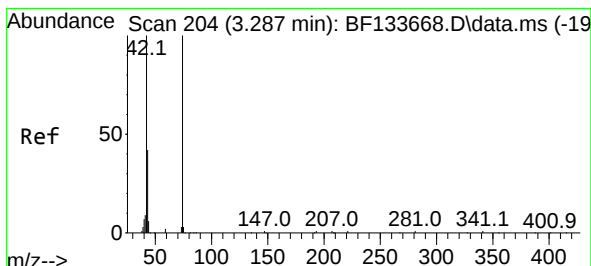
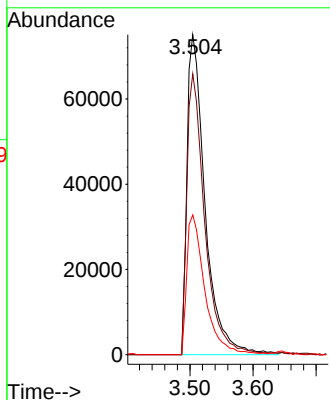
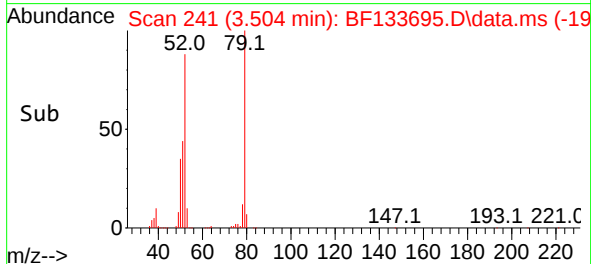
Instrument :
BNA_F
ClientSampleId :
TP-1MS



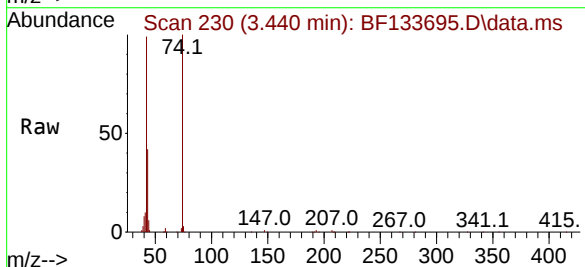
Tgt Ion: 79 Resp: 14933
Ion Ratio Lower Upper
79 100
52 87.8 68.6 102.8
51 43.7 34.8 52.2

Manual Integrations
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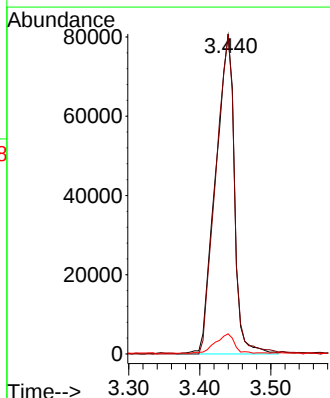
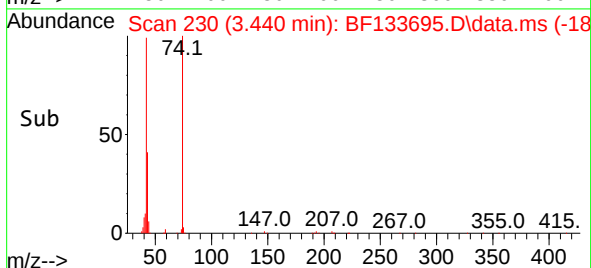
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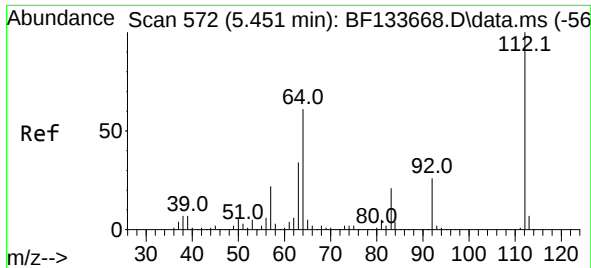


#4
n-Nitrosodimethylamine
Concen: 38.410 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.153 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion: 42 Resp: 148641
Ion Ratio Lower Upper
42 100
74 100.6 79.8 119.8
44 6.3 4.7 7.1





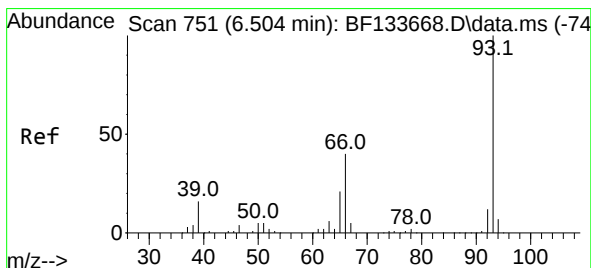
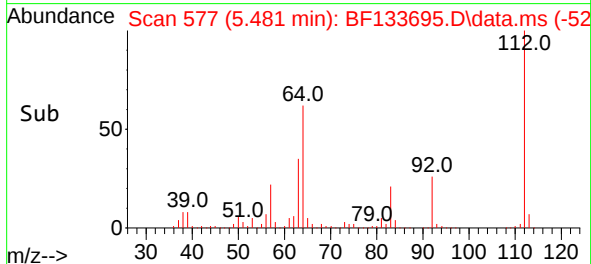
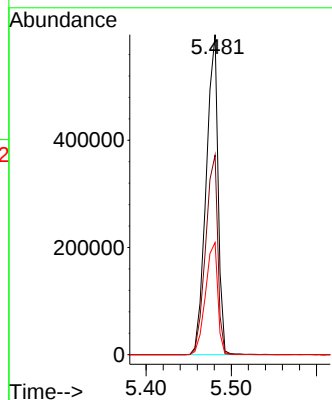
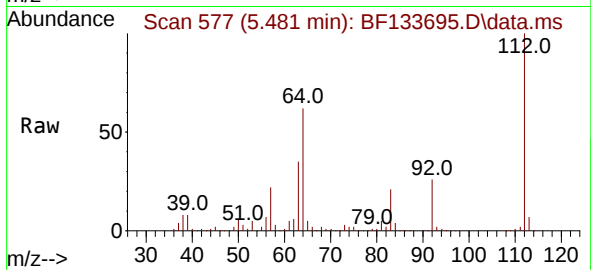
#5
2-Fluorophenol
Concen: 105.993 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:112 Resp: 57908
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.4
63 35.0 26.8 40.2

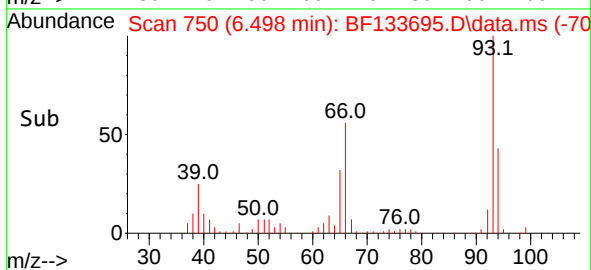
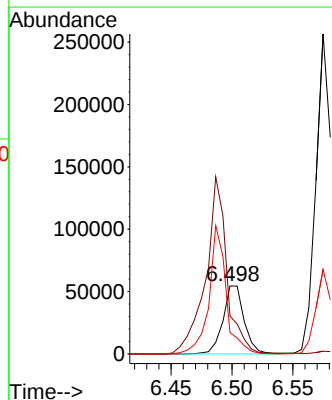
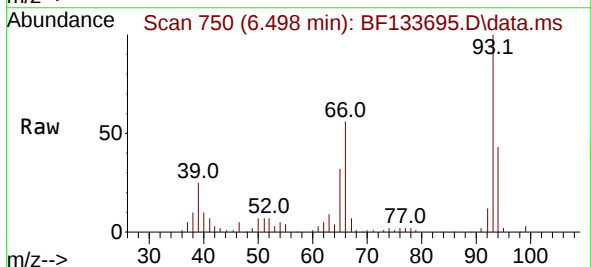
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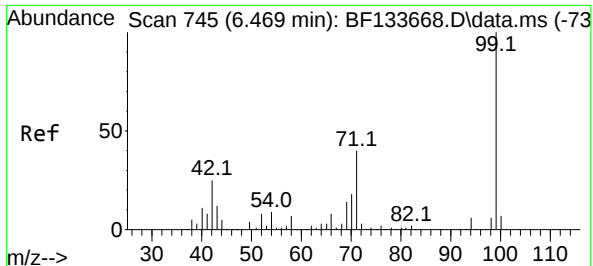
Reviewed By :Yogesh Patel 06/13/2023
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#6
Aniline
Concen: 7.379 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

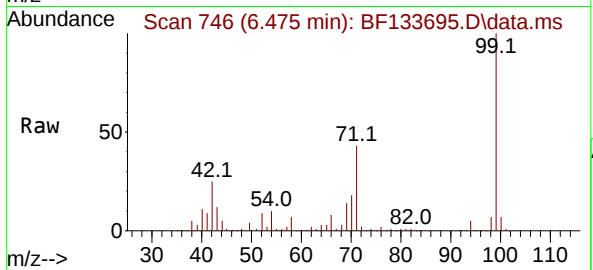
Tgt Ion: 93 Resp: 66099
Ion Ratio Lower Upper
93 100
66 55.9 34.4 51.6#
65 31.5 17.5 26.3#





#7
Phenol-d6
Concen: 91.029 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

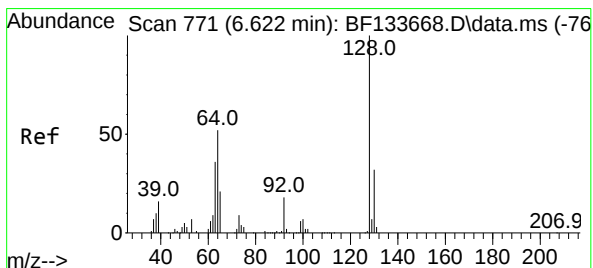
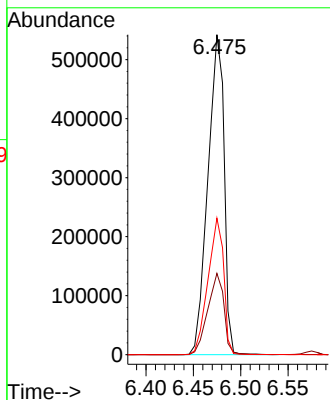
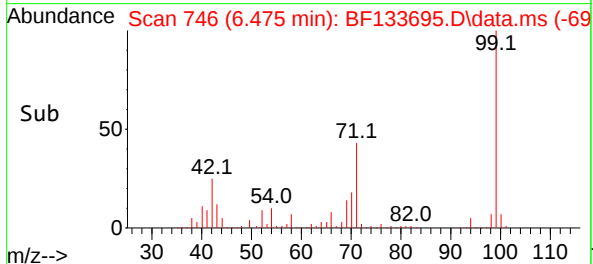
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 99 Resp: 647354
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 42.6 32.2 48.4

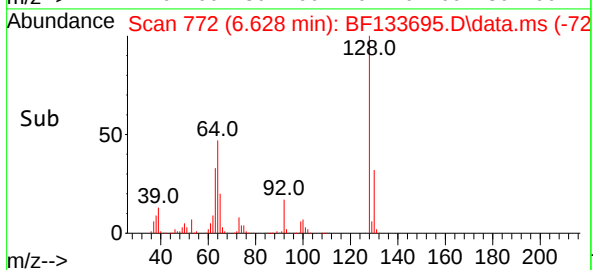
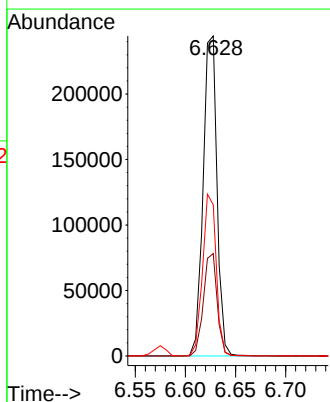
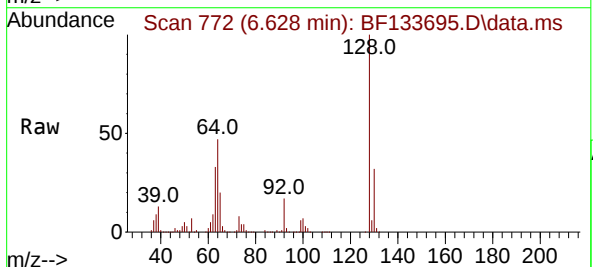
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#8
2-Chlorophenol
Concen: 41.121 ng
RT: 6.628 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Tgt Ion:128 Resp: 236758
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 47.3 33.1 73.1





#9

Benzaldehyde

Concen: 11.617 ng

RT: 6.393 min Scan# 710

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 54810

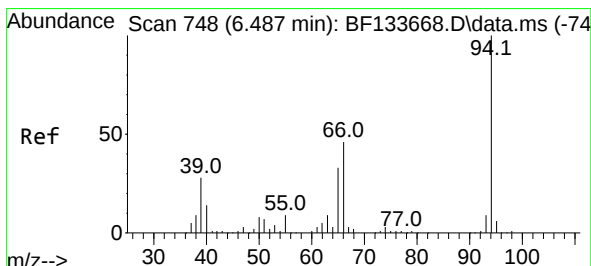
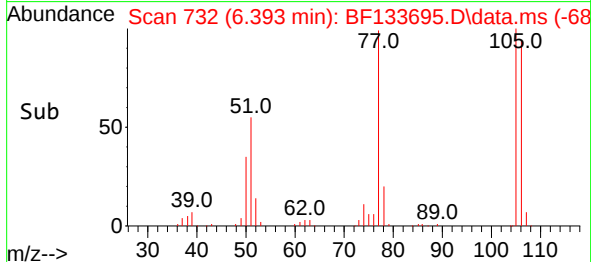
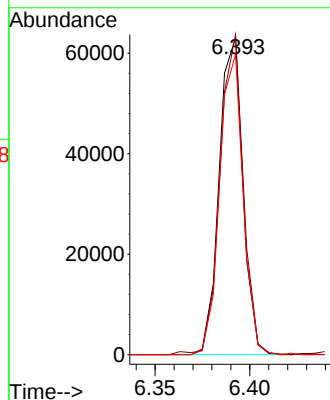
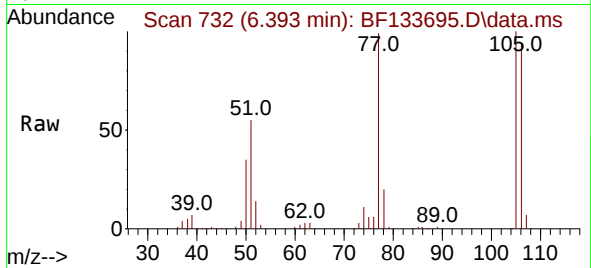
Ion	Ratio	Lower	Upper
77	100		
105	100.9	82.0	122.0
106	94.8	77.6	117.6

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2023



#10

Phenol

Concen: 32.769 ng

RT: 6.487 min Scan# 748

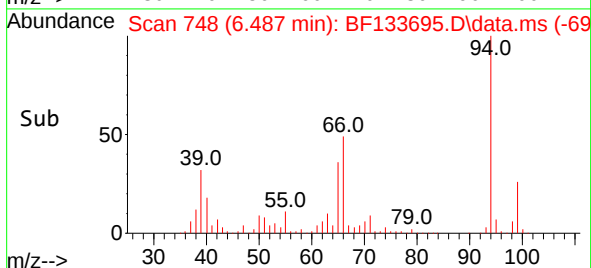
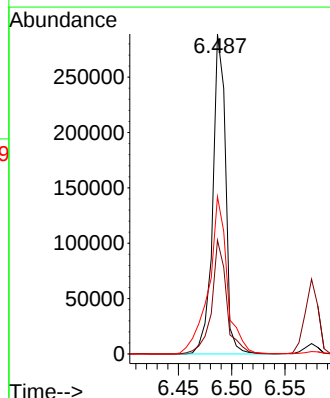
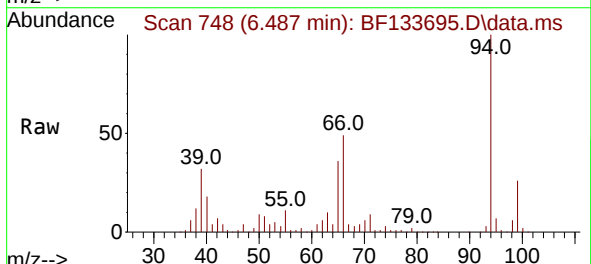
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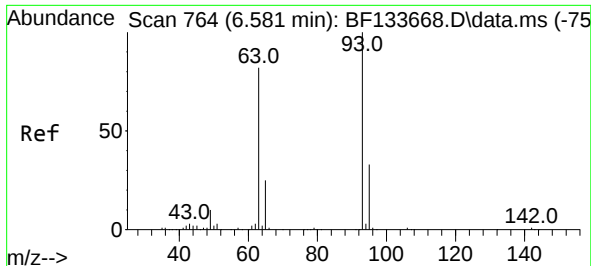
Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Tgt Ion: 94 Resp: 243339

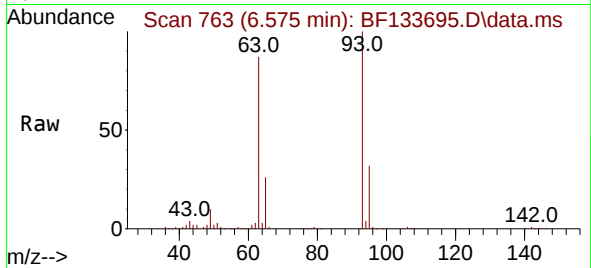
Ion	Ratio	Lower	Upper
94	100		
65	35.5	13.2	53.2
66	49.1	26.1	66.1





#11
bis(2-Chloroethyl)ether
Concen: 40.453 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

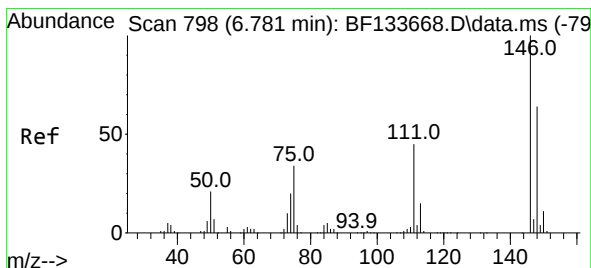
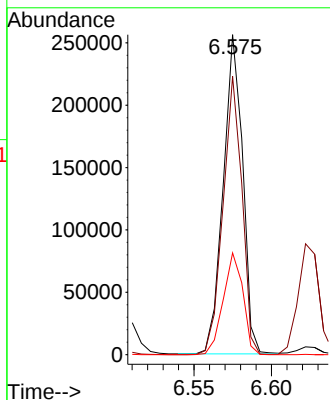
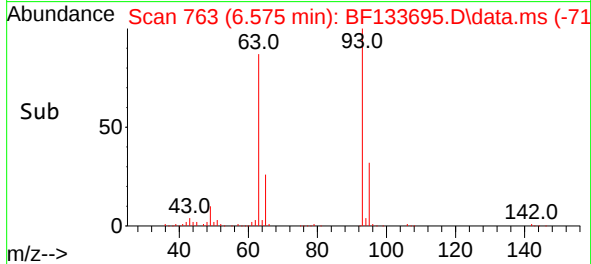
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 93 Resp: 223015
Ion Ratio Lower Upper
93 100
63 87.0 62.1 102.1
95 31.8 13.0 53.0

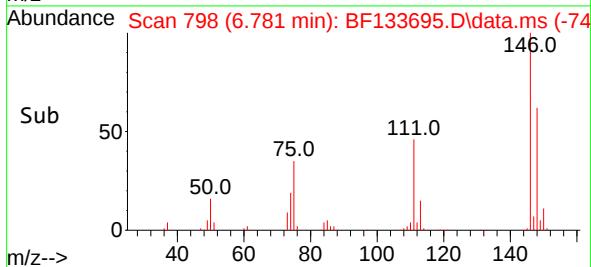
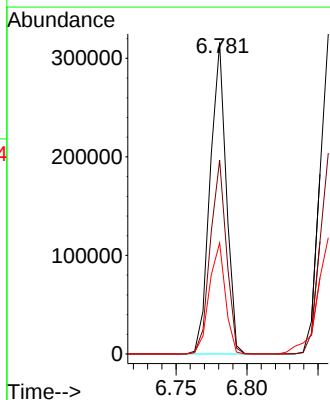
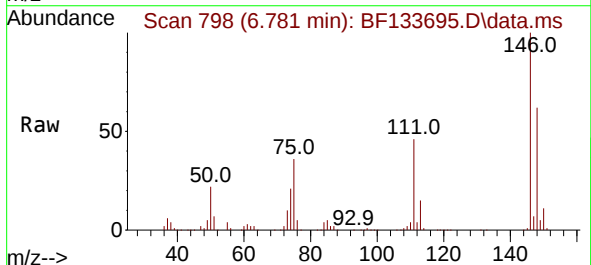
Manual Integrations
APPROVED

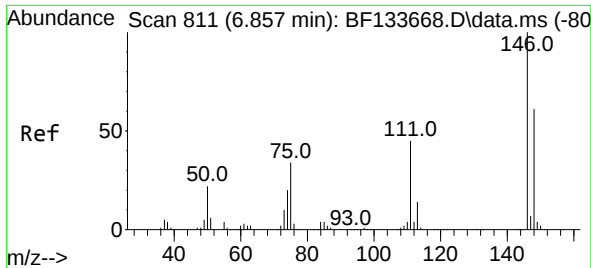
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#12
1,3-Dichlorobenzene
Concen: 40.627 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Tgt Ion:146 Resp: 249926
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
75 35.7 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 40.473 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

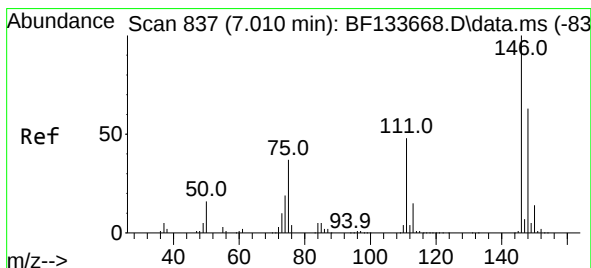
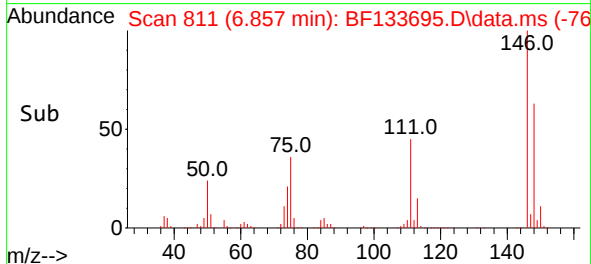
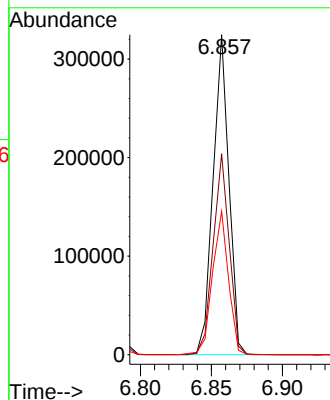
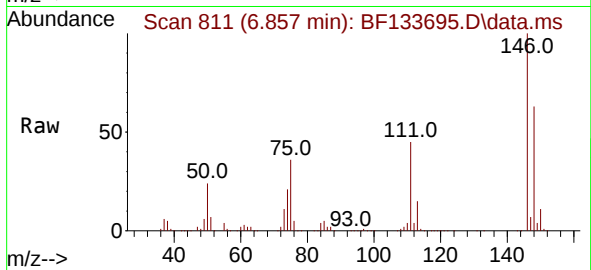
Tgt Ion:146 Resp: 251644
 Ion Ratio Lower Upper
 146 100
 148 62.8 48.9 73.3
 111 44.8 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#14

1,2-Dichlorobenzene

Concen: 42.531 ng

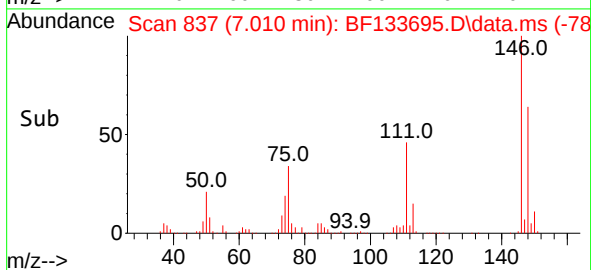
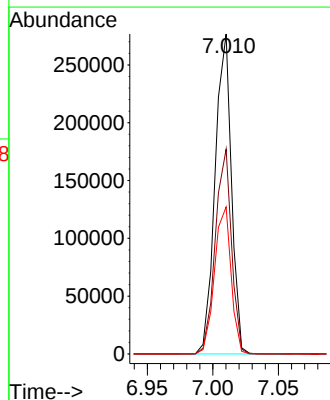
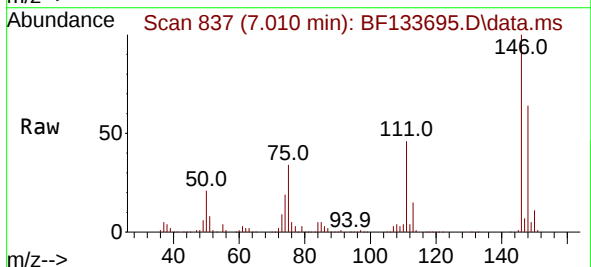
RT: 7.010 min Scan# 837

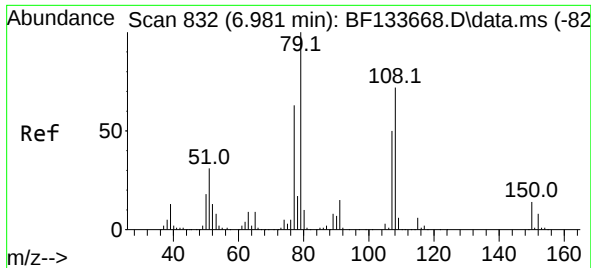
Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

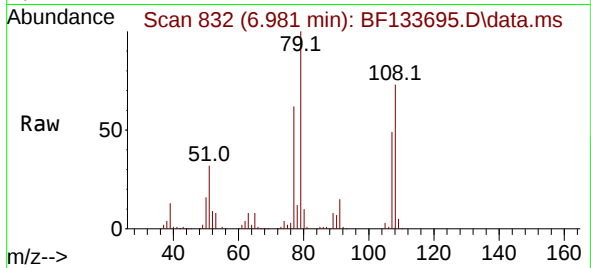
Tgt Ion:146 Resp: 238948
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 45.9 38.7 58.1





#15
Benzyl Alcohol
Concen: 35.606 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

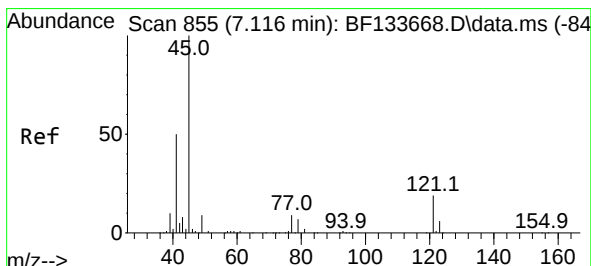
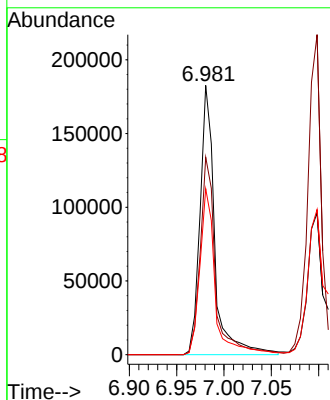
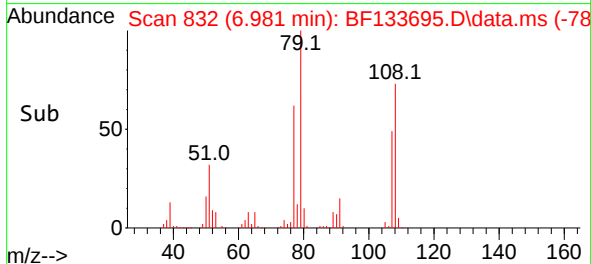
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 197768
Ion Ratio Lower Upper
79 100
108 73.4 57.9 86.9
77 61.6 50.4 75.6

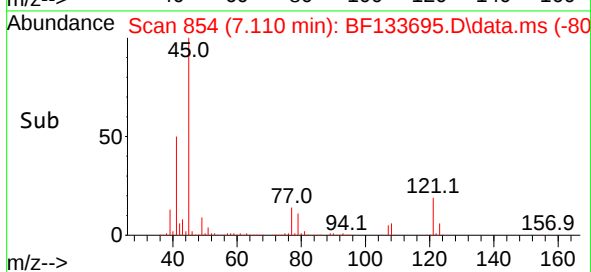
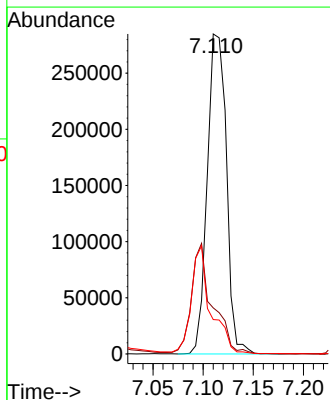
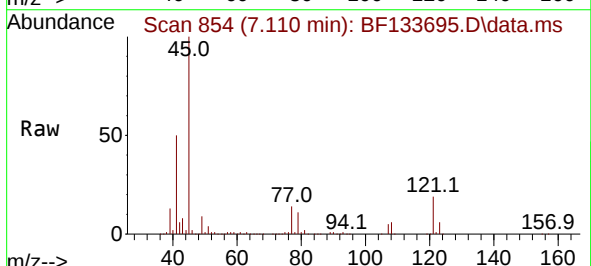
Manual Integrations
APPROVED

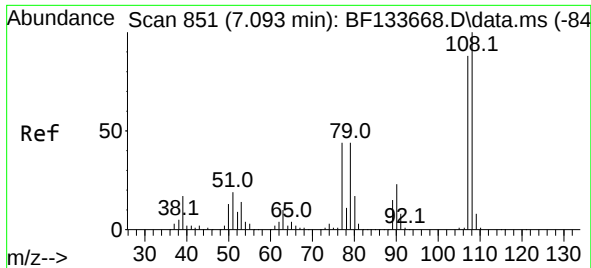
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.624 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

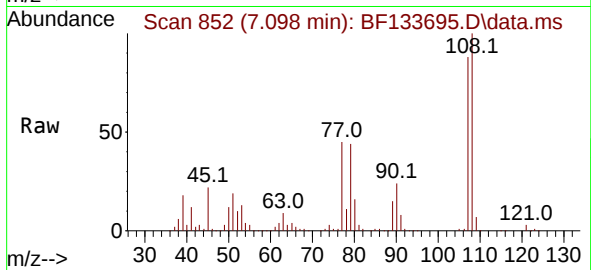
Tgt Ion: 45 Resp: 379634
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.3
79 10.8 0.0 29.4





#17
2-Methylphenol
Concen: 37.775 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

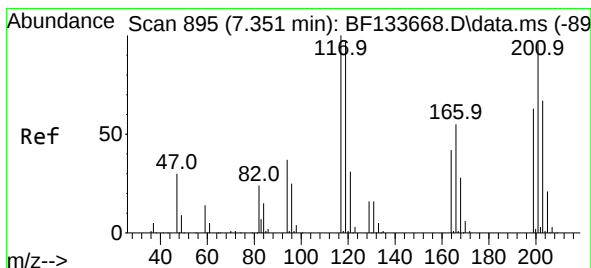
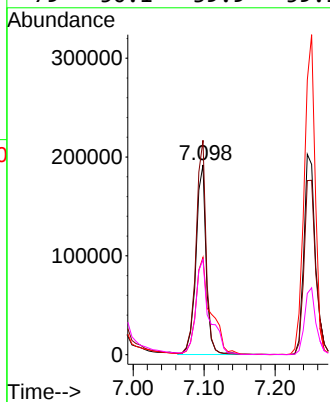
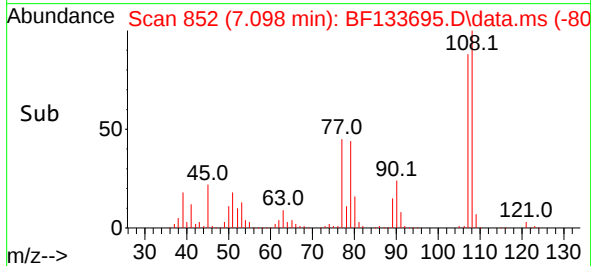
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:107 Resp: 192775
Ion Ratio Lower Upper
107 100
108 113.0 90.9 136.3
77 51.3 39.8 59.6
79 50.1 39.9 59.9

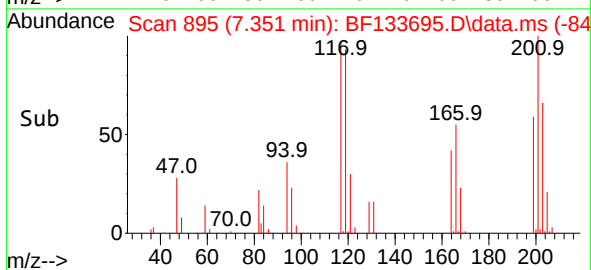
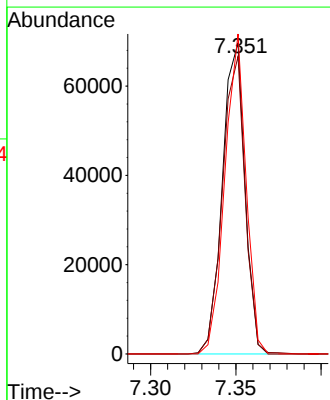
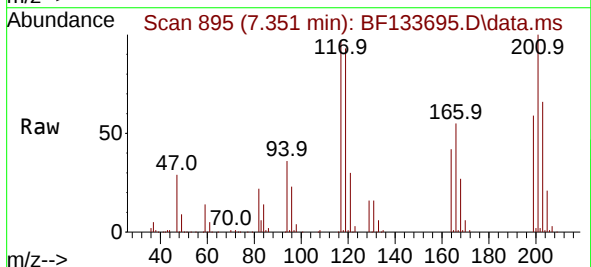
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#18
Hexachloroethane
Concen: 30.198 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

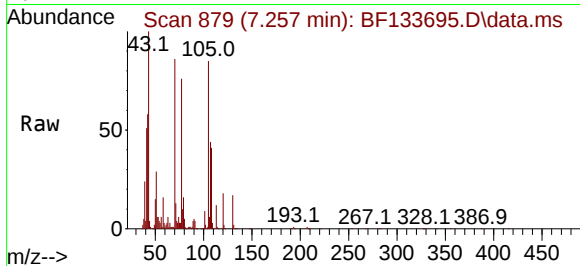
Tgt Ion:117 Resp: 64279
Ion Ratio Lower Upper
117 100
119 95.7 77.3 115.9
201 102.9 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.491 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

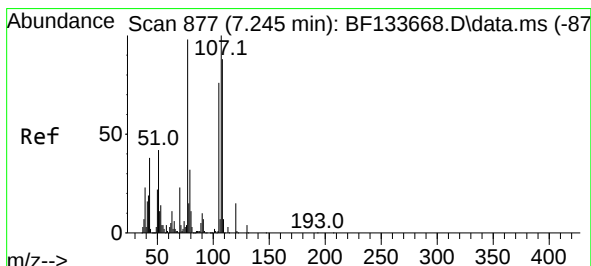
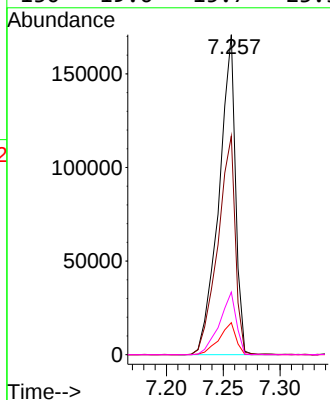
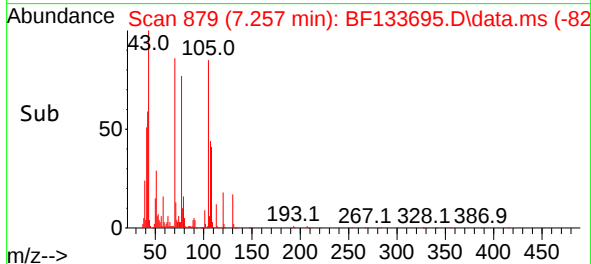
Instrument :
BNA_F
ClientSampleId :
TP-IMS



Tgt Ion: 70 Resp: 174159
Ion Ratio Lower Upper
70 100
42 68.3 55.8 83.8
101 10.0 8.1 12.1
130 19.6 15.7 23.5

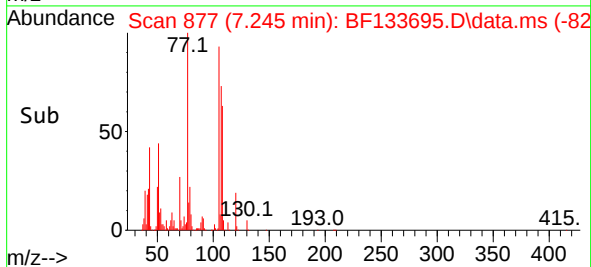
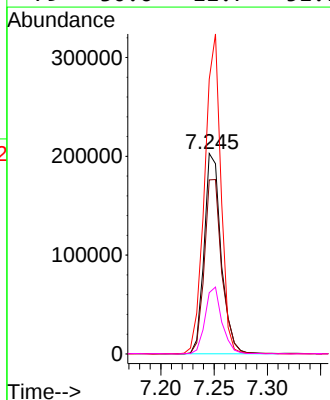
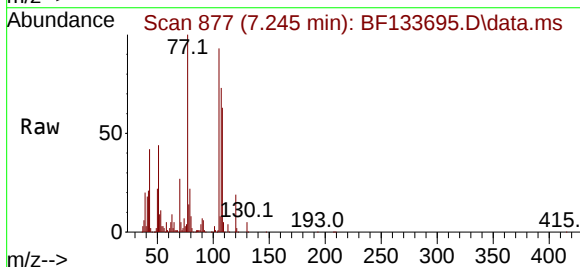
Manual Integrations
APPROVED

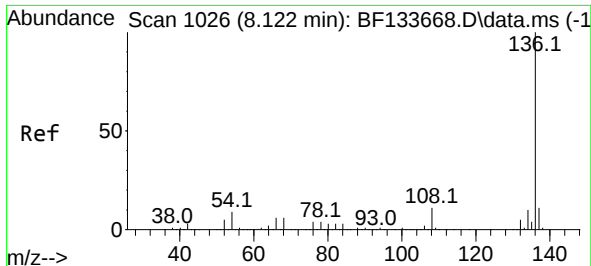
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#20
3+4-Methylphenols
Concen: 33.971 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

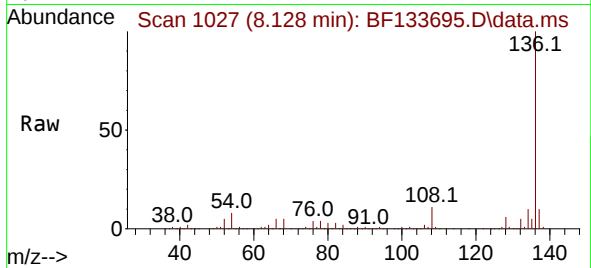
Tgt Ion:107 Resp: 225526
Ion Ratio Lower Upper
107 100
108 86.9 67.9 107.9
77 137.1 77.7 117.7#
79 30.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

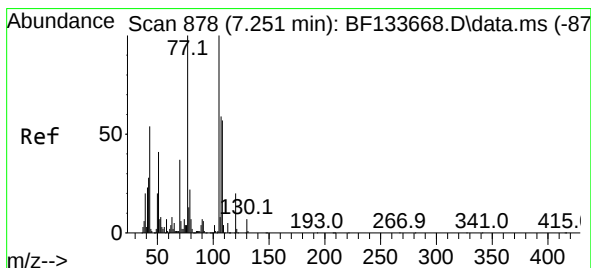
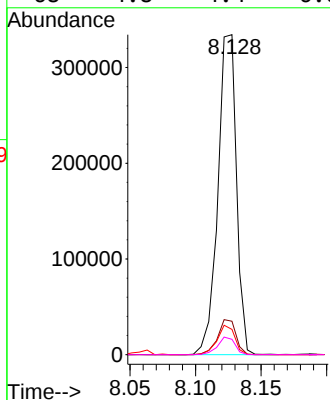
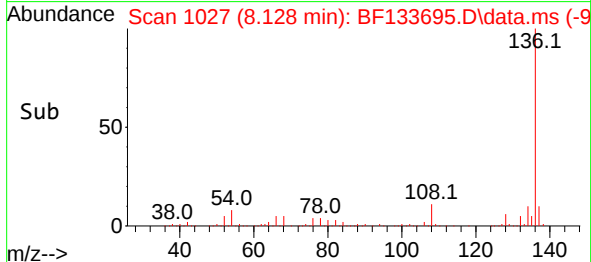
Instrument :
BNA_F
ClientSampleId :
TP-1MS



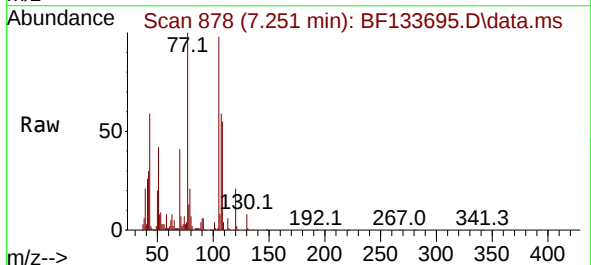
Tgt Ion:136 Resp: 32916
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 7.4 11.0
68 4.8 4.4 6.6

Manual Integrations
APPROVED

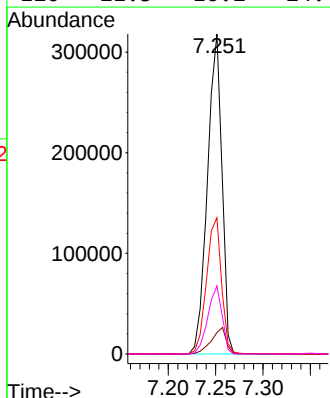
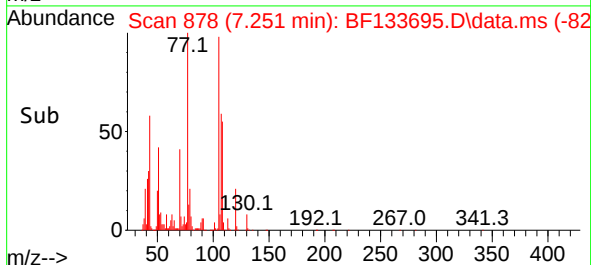
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

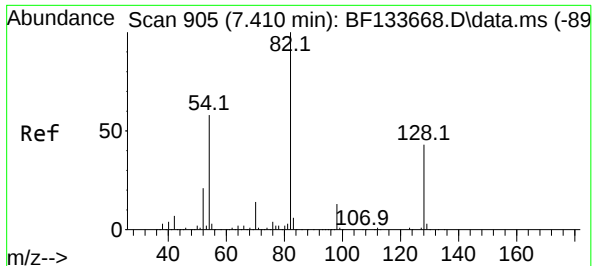


#22
Acetophenone
Concen: 44.677 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion:105 Resp: 337292
Ion Ratio Lower Upper
105 100
71 6.7 4.8 7.2
51 42.6 33.0 49.4
120 21.3 16.2 24.4





#23

Nitrobenzene-d5

Concen: 79.510 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 82 Resp: 48050

Ion Ratio Lower Upper

82 100

128 40.2 34.2 51.2

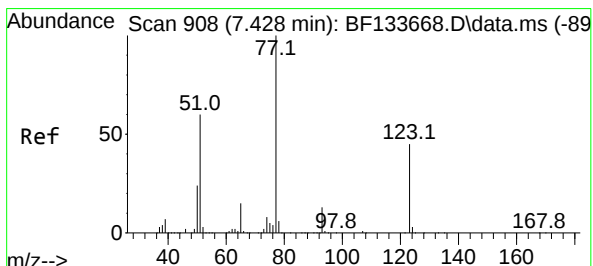
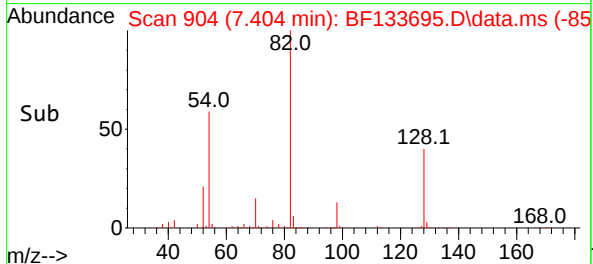
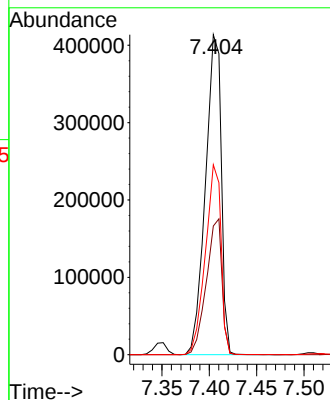
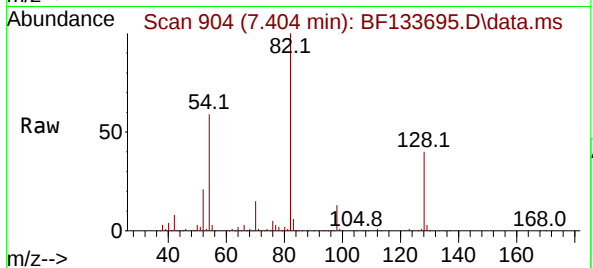
54 59.3 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#24

Nitrobenzene

Concen: 41.424 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

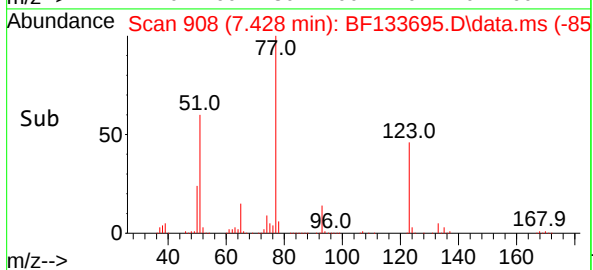
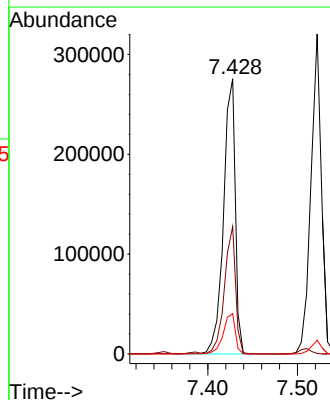
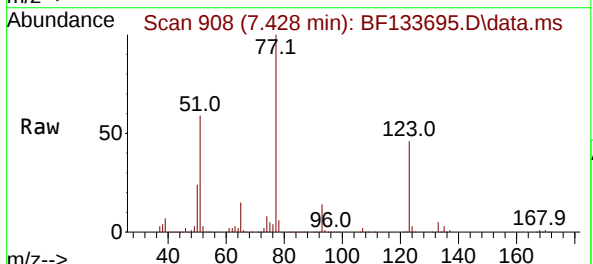
Tgt Ion: 77 Resp: 252078

Ion Ratio Lower Upper

77 100

123 46.3 35.8 53.8

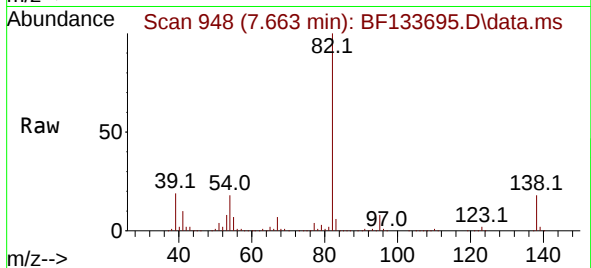
65 14.7 11.6 17.4





#25
Isophorone
Concen: 41.337 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

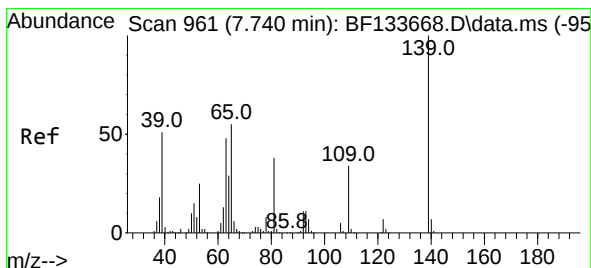
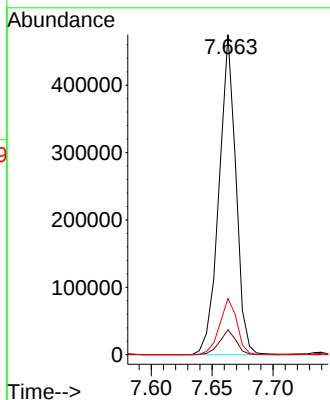
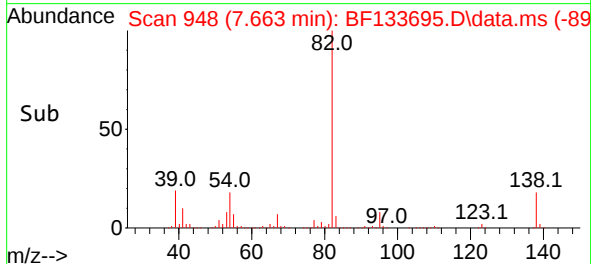
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 458624
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 17.6 14.2 21.2

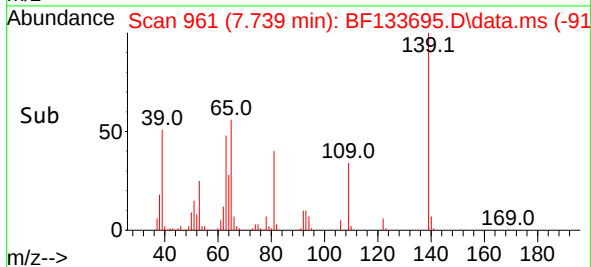
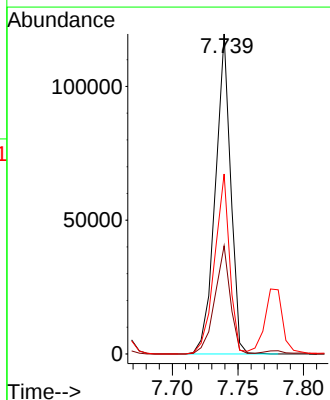
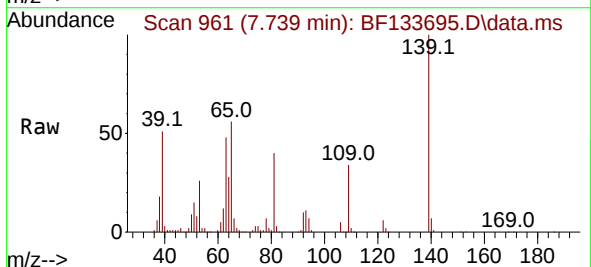
Manual Integrations
APPROVED

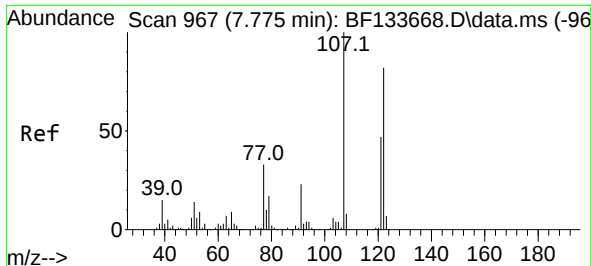
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#26
2-Nitrophenol
Concen: 35.588 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

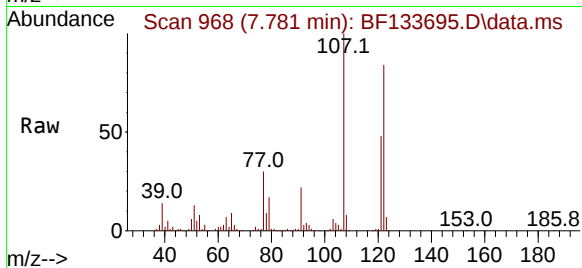
Tgt Ion:139 Resp: 97192
Ion Ratio Lower Upper
139 100
109 33.8 27.0 40.6
65 56.3 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 42.751 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

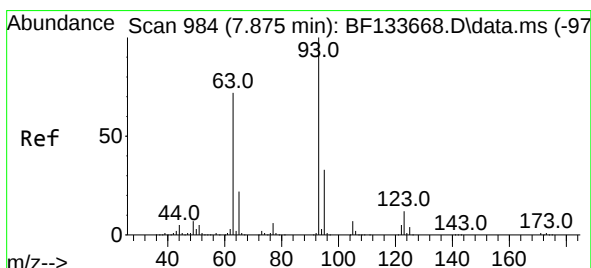
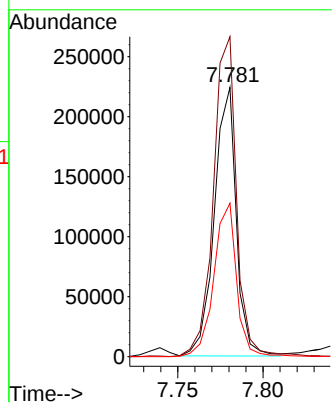
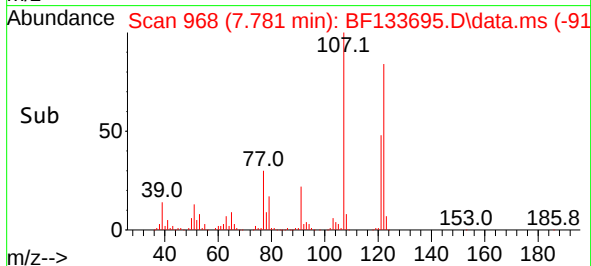
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:122 Resp: 20123
Ion Ratio Lower Upper
122 100
107 118.8 97.8 146.6
121 57.0 46.1 69.1

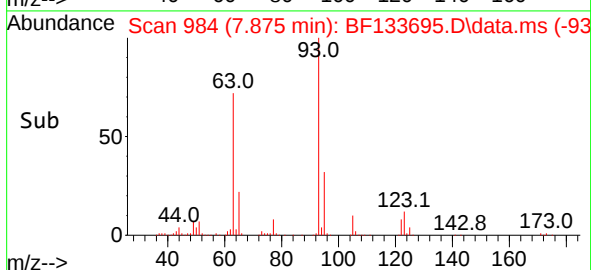
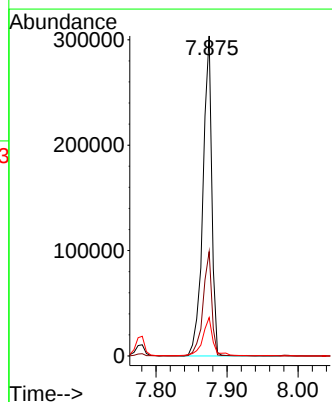
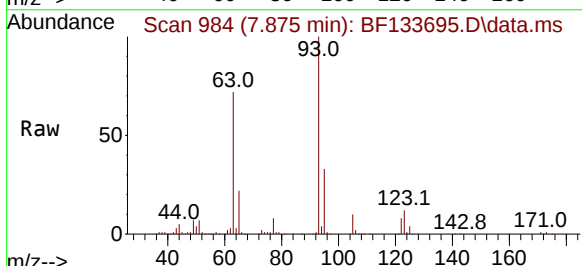
Manual Integrations
APPROVED

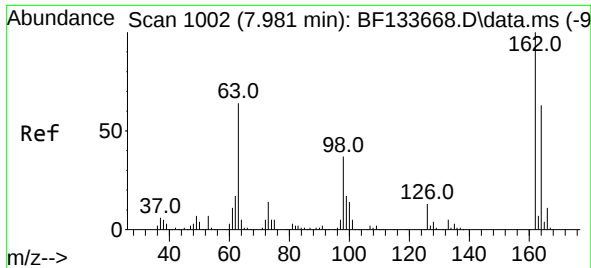
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.389 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Tgt Ion: 93 Resp: 265407
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.0 9.9 14.9





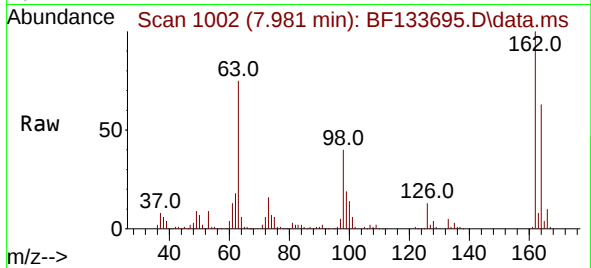
#29
2,4-Dichlorophenol
Concen: 39.389 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

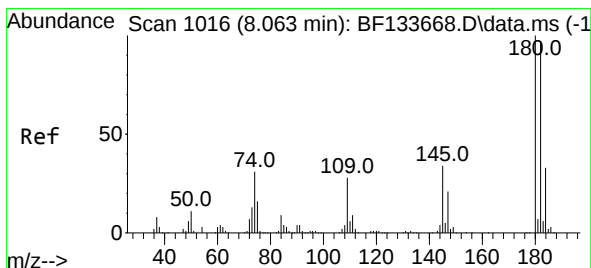
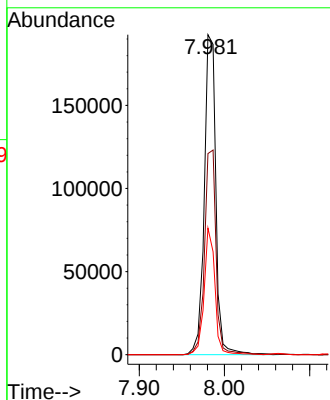
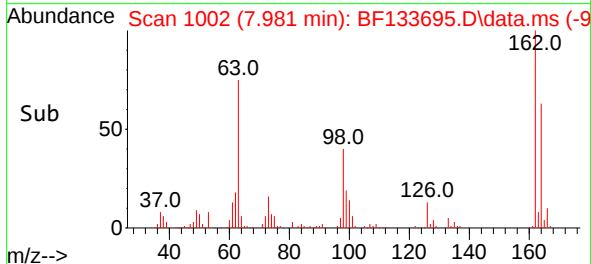


Tgt Ion:162 Resp: 181710
Ion Ratio Lower Upper
162 100
164 62.9 43.4 83.4
98 39.5 17.4 57.4

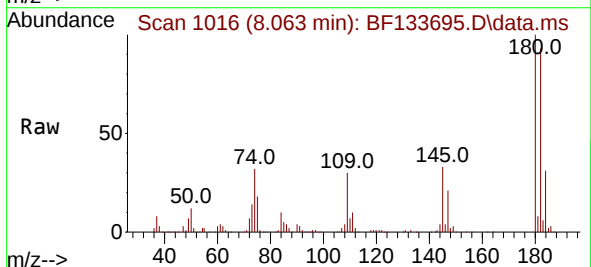
Manual Integrations

APPROVED

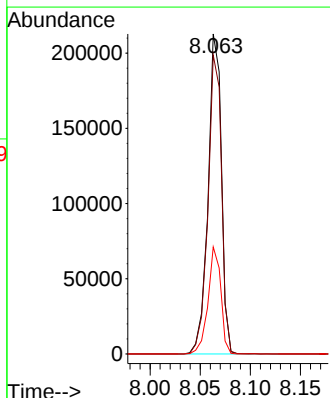
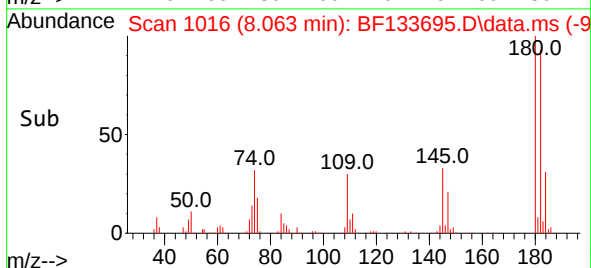
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

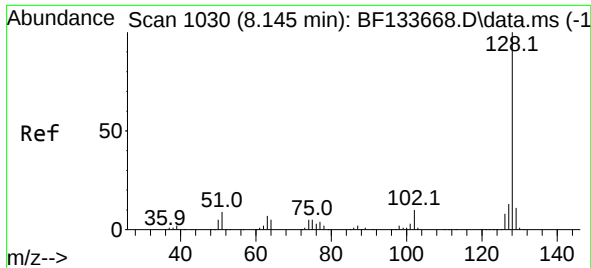


#30
1,2,4-Trichlorobenzene
Concen: 41.158 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



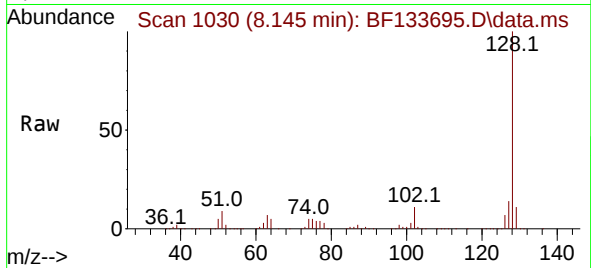
Tgt Ion:180 Resp: 198106
Ion Ratio Lower Upper
180 100
182 93.4 77.8 116.8
145 33.5 27.0 40.4





#31
Naphthalene
Concen: 39.157 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

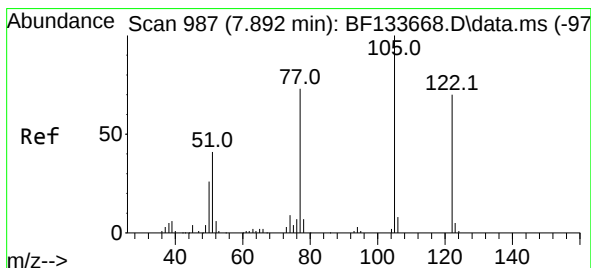
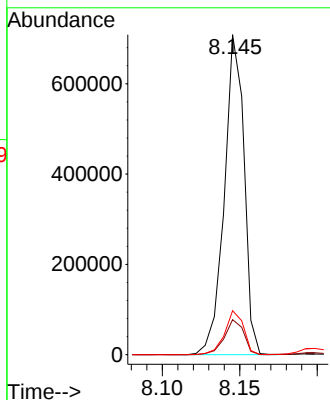
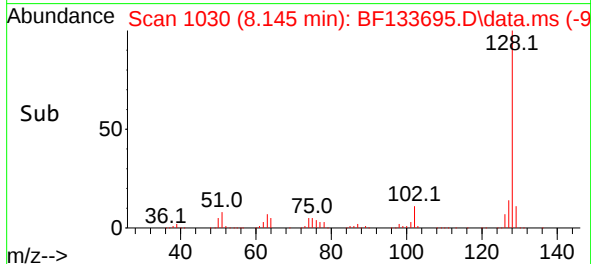
Instrument :
BNA_F
ClientSampleId :
TP-1MS



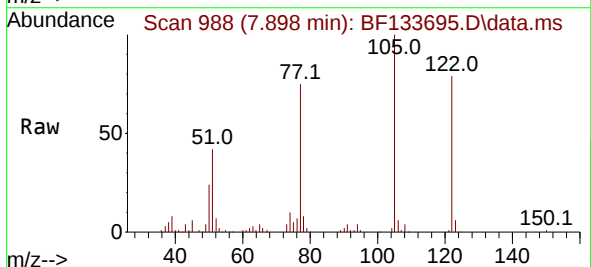
Tgt Ion:128 Resp: 62794
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.7 10.5 15.7

Manual Integrations
APPROVED

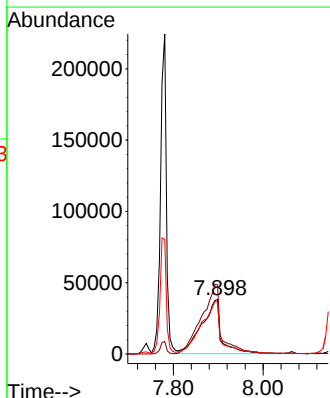
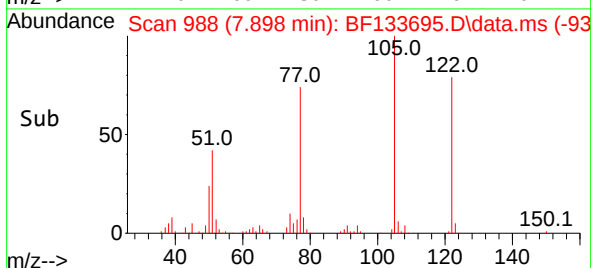
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

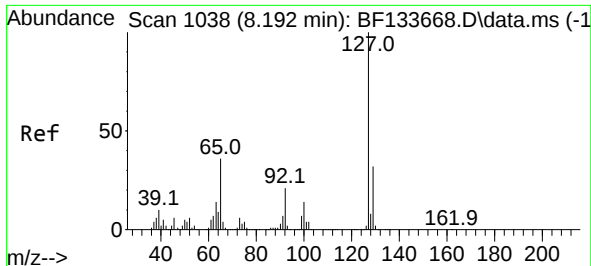


#32
Benzoic acid
Concen: 38.885 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion:122 Resp: 115438
Ion Ratio Lower Upper
122 100
105 127.1 116.3 156.3
77 95.2 82.4 122.4





#33

4-Chloroaniline

Concen: 3.202 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

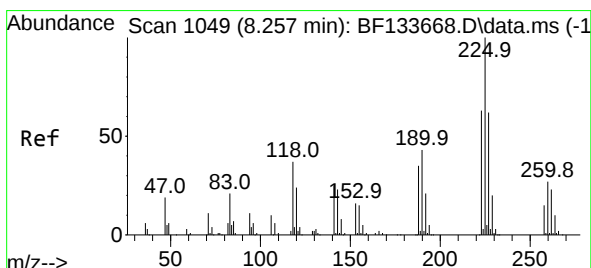
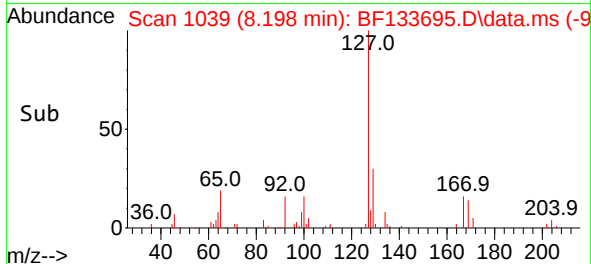
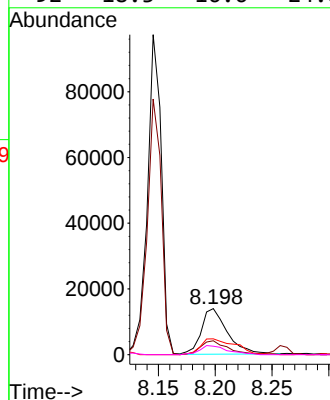
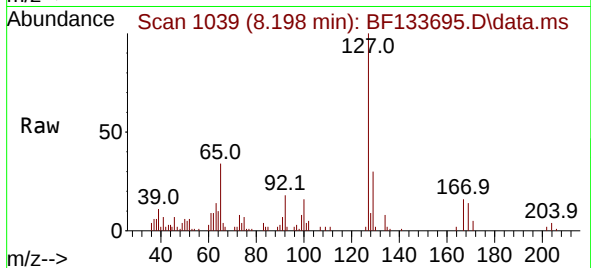
Tgt Ion:	127	Resp:	2195
Ion Ratio	Lower	Upper	
127	100		
129	30.4	25.6	38.4
65	34.5	28.9	43.3
92	18.3	16.6	24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#34

Hexachlorobutadiene

Concen: 40.886 ng

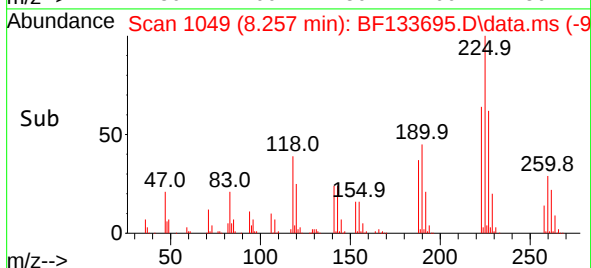
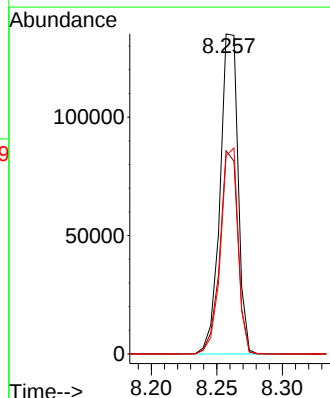
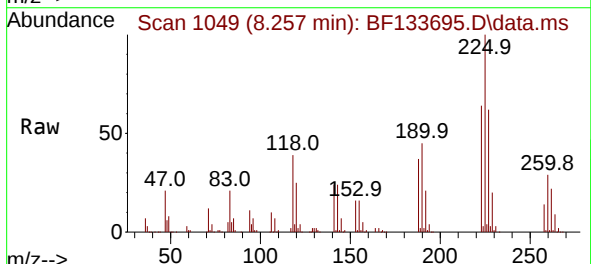
RT: 8.257 min Scan# 1049

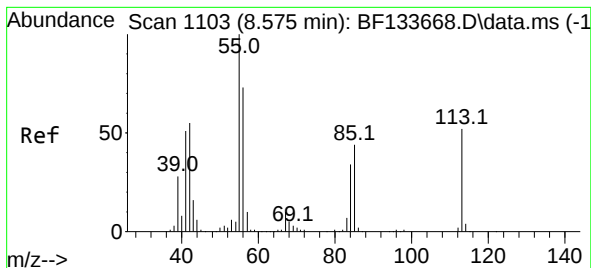
Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Tgt Ion:	225	Resp:	128849
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.2	75.4
227	62.0	49.5	74.3





#35

Caprolactam

Concen: 30.575 ng m

RT: 8.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:113 Resp: 4746

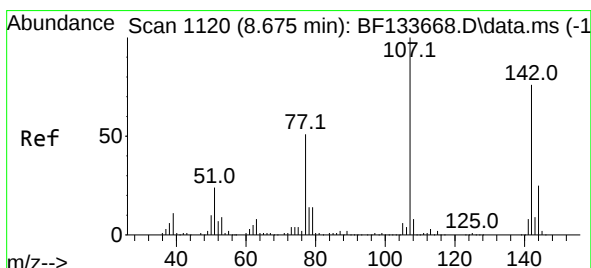
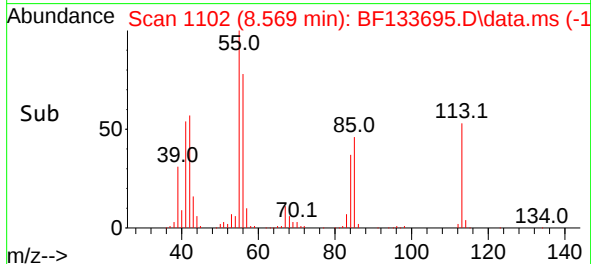
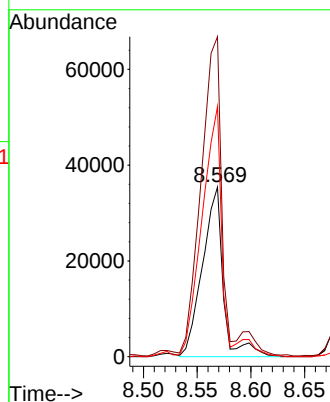
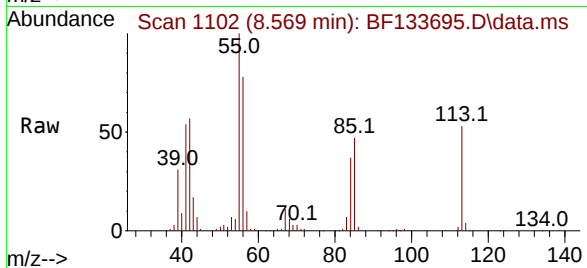
Ion	Ratio	Lower	Upper
113	100		
55	188.7	173.3	213.3
56	147.5	120.5	160.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#36

4-Chloro-3-methylphenol

Concen: 36.284 ng

RT: 8.681 min Scan# 1121

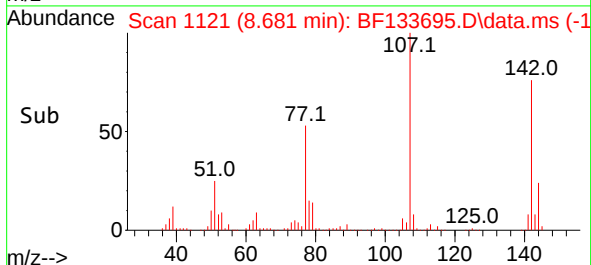
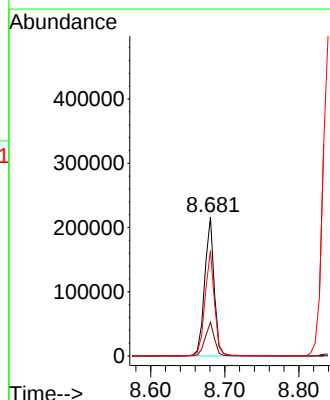
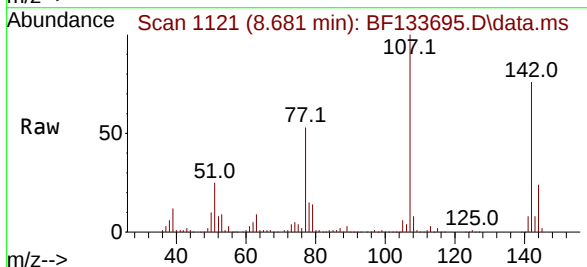
Delta R.T. 0.006 min

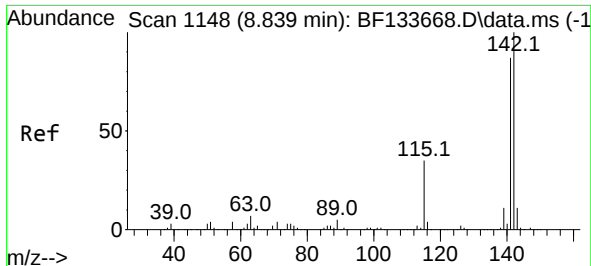
Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Tgt Ion:107 Resp: 192945

Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.7	29.5
142	75.8	61.1	91.7





#37

2-Methylnaphthalene

Concen: 35.607 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 39674

Ion Ratio Lower Upper

142 100

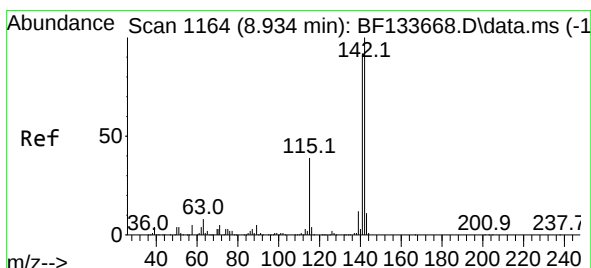
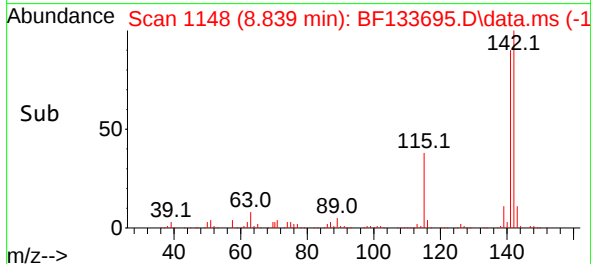
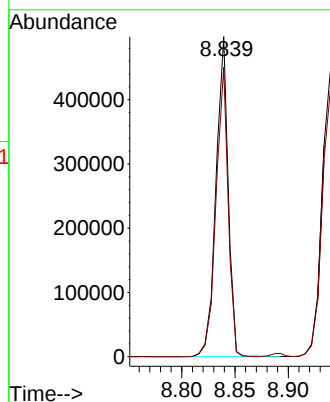
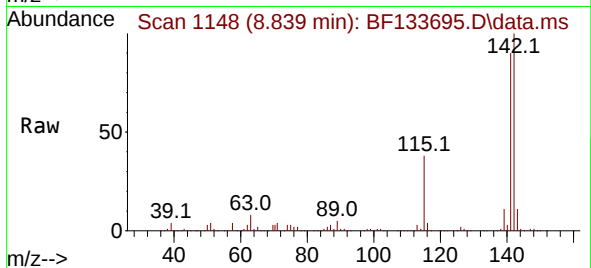
141 90.4 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#38

1-Methylnaphthalene

Concen: 35.392 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.005 min

Lab File: BF133695.D

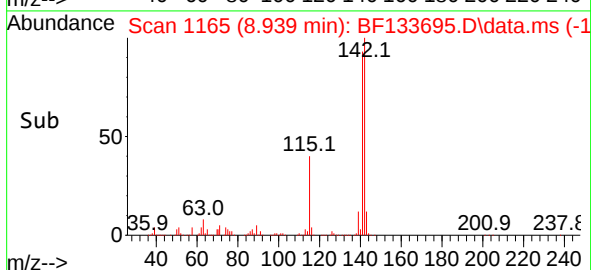
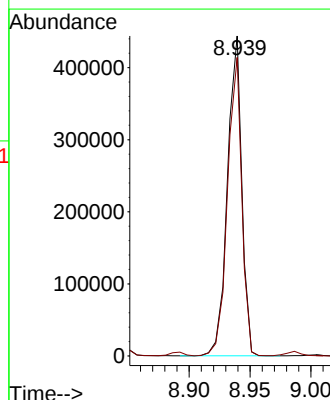
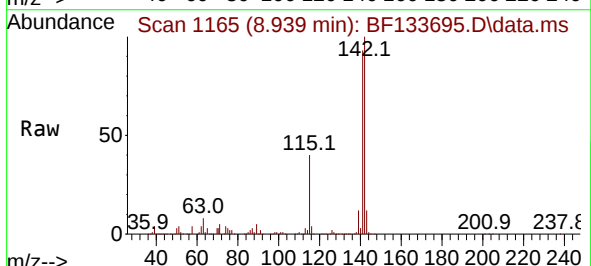
Acq: 10 Jun 2023 02:31

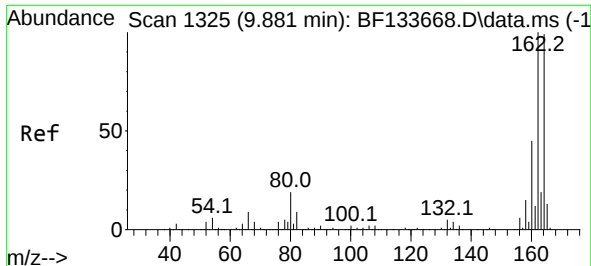
Tgt Ion:142 Resp: 362879

Ion Ratio Lower Upper

142 100

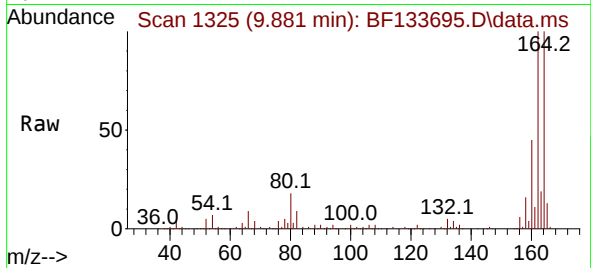
141 93.3 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

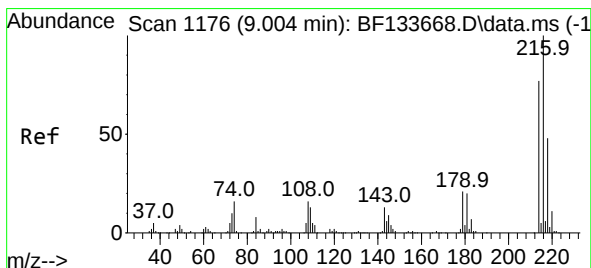
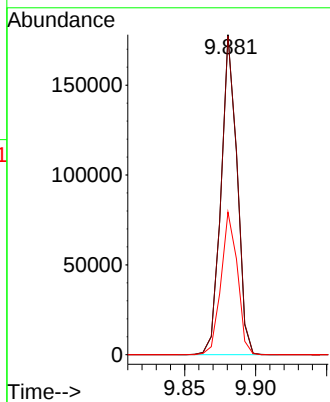
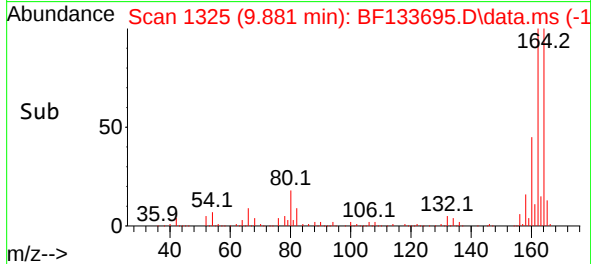
Instrument :
BNA_F
ClientSampleId :
TP-1MS



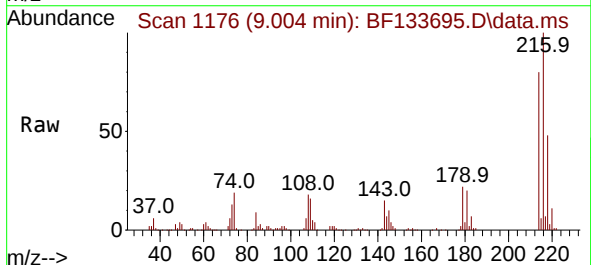
Tgt Ion:164 Resp: 138864
Ion Ratio Lower Upper
164 100
162 99.6 80.8 121.2
160 44.5 36.7 55.1

Manual Integrations
APPROVED

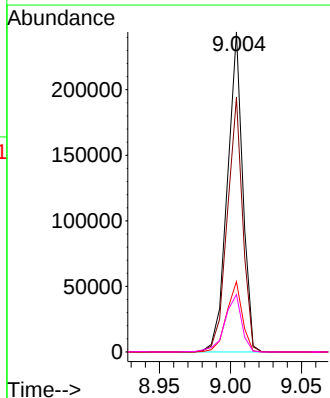
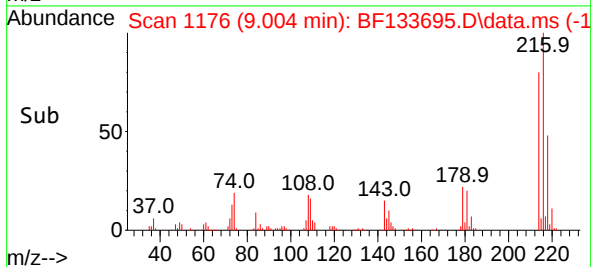
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.552 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



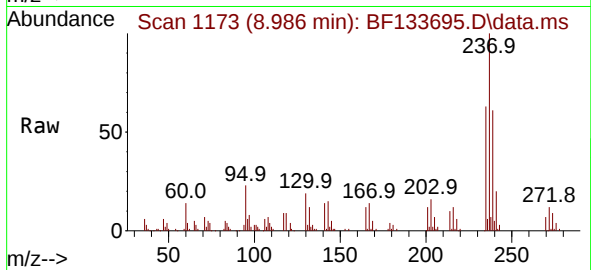
Tgt Ion:216 Resp: 183858
Ion Ratio Lower Upper
216 100
214 79.4 62.7 94.1
179 22.3 17.6 26.4
108 19.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 20.390 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.001 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

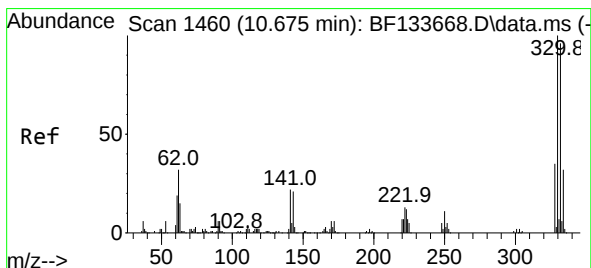
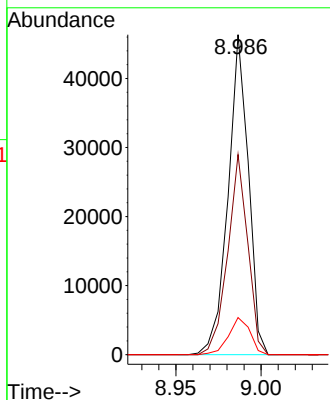
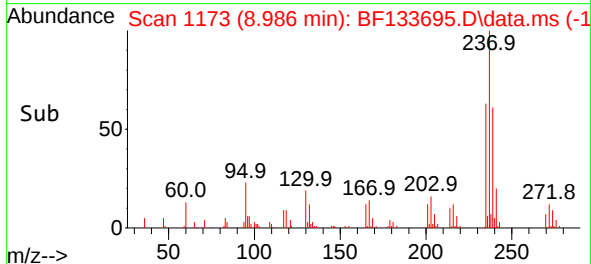
Instrument :
BNA_F
ClientSampleId :
TP-1MS



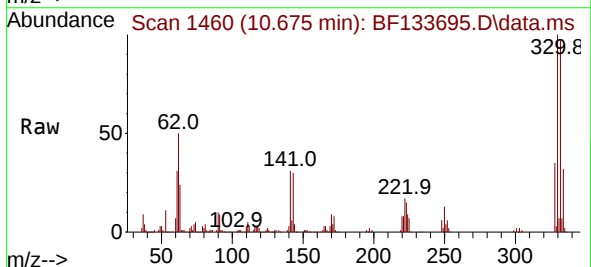
Tgt Ion:237 Resp: 38360
Ion Ratio Lower Upper
237 100
235 62.5 40.6 80.6
272 11.6 0.0 32.6

Manual Integrations
APPROVED

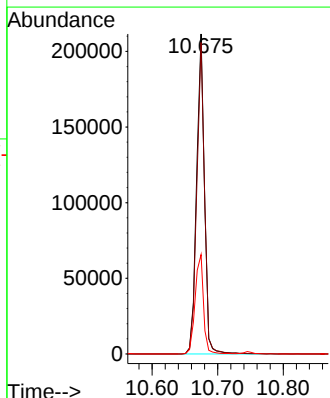
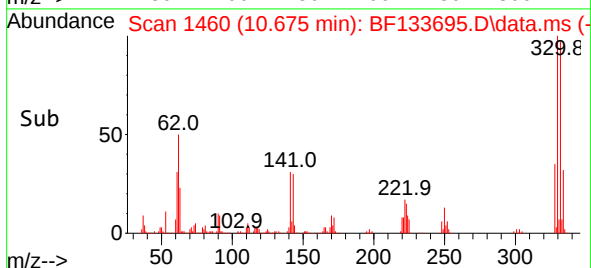
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

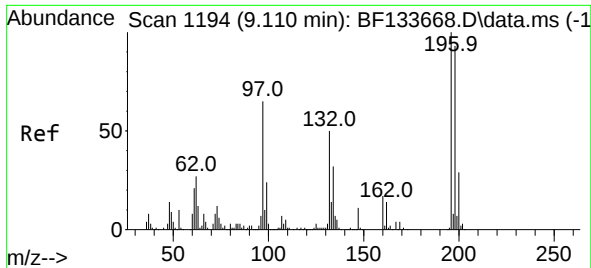


#42
2,4,6-Tribromophenol
Concen: 100.401 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion:330 Resp: 176482
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 33.3 24.9 37.3





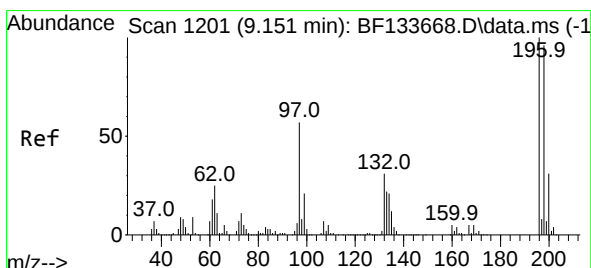
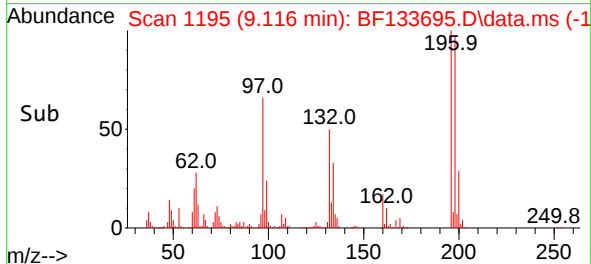
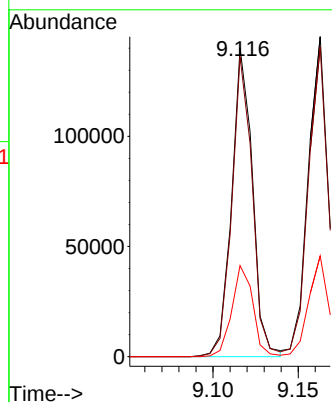
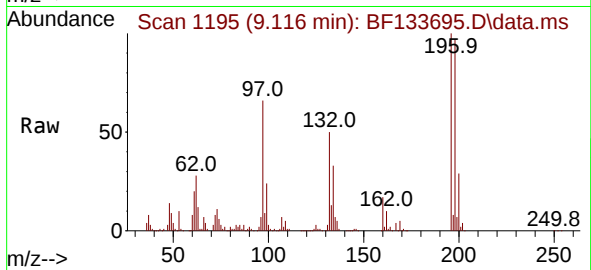
#43
2,4,6-Trichlorophenol
Concen: 42.149 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Instrument :
BNA_F
ClientSampleId :
TP-IMS

Tgt Ion:196 Resp: 11890
Ion Ratio Lower Upper
196 100
198 97.1 74.5 111.7
200 29.4 22.9 34.3

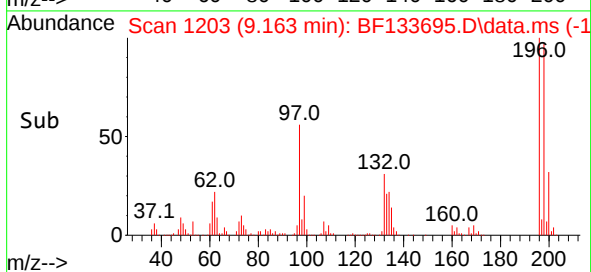
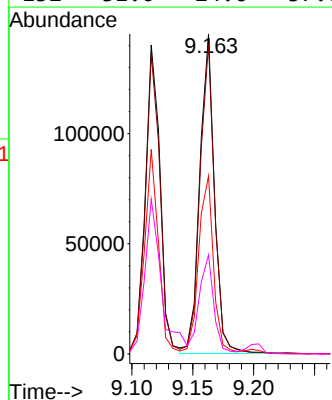
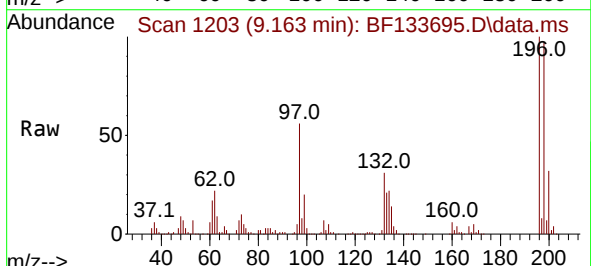
Manual Integrations
APPROVED

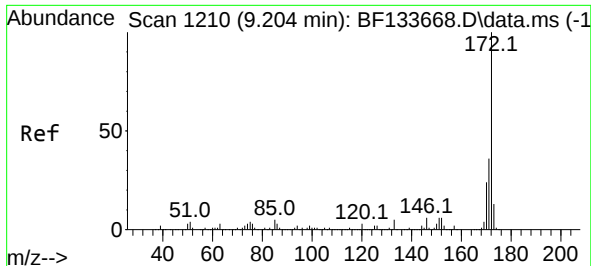
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#44
2,4,5-Trichlorophenol
Concen: 37.046 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.012 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Tgt Ion:196 Resp: 121584
Ion Ratio Lower Upper
196 100
198 96.8 76.8 115.2
97 55.6 45.4 68.2
132 31.0 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 82.488 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:172 Resp: 805799

Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

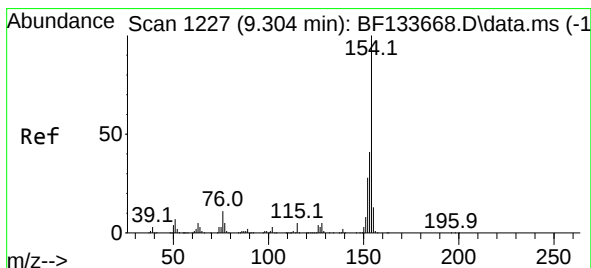
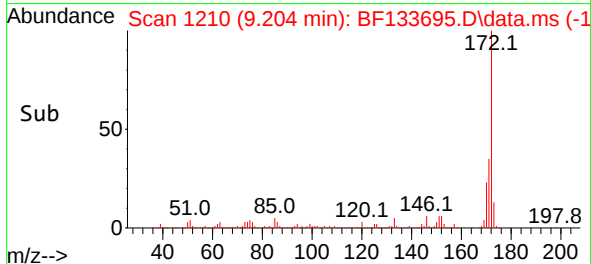
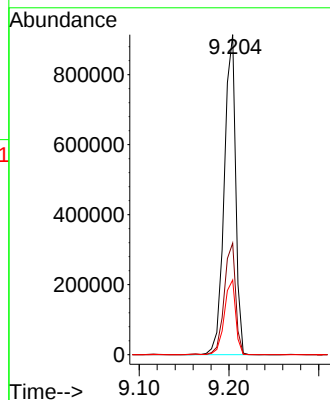
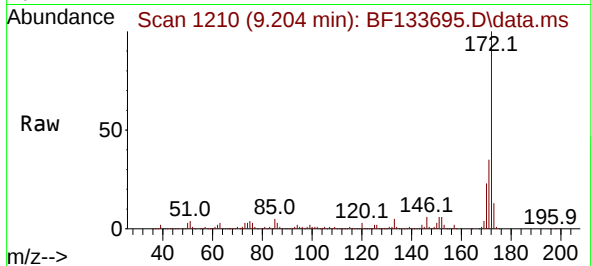
170 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#46

1,1'-Biphenyl

Concen: 43.732 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

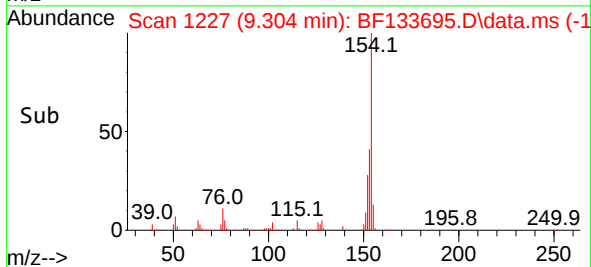
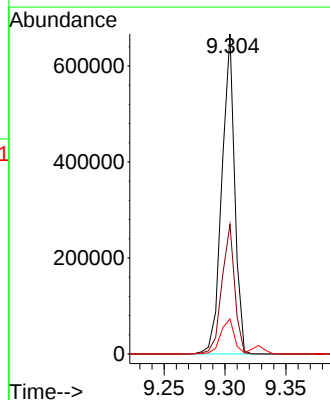
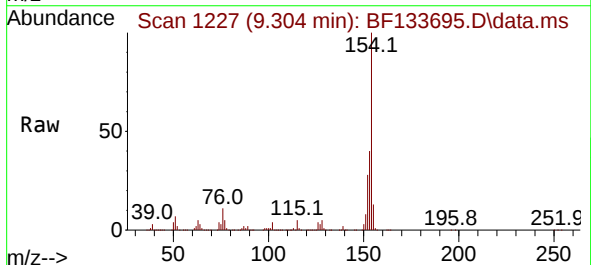
Tgt Ion:154 Resp: 489784

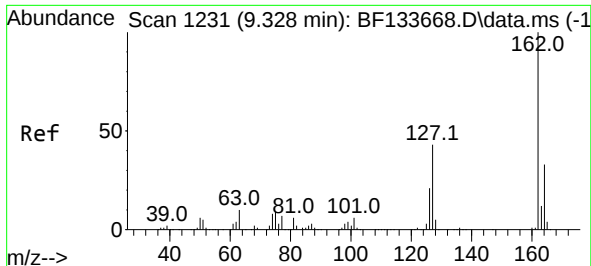
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 11.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 42.566 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

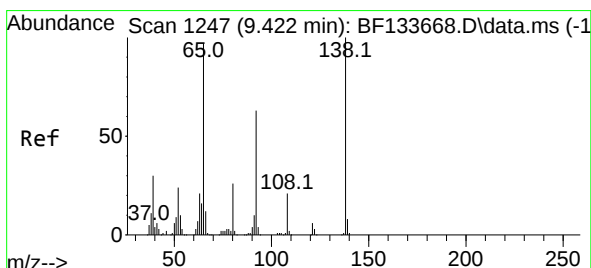
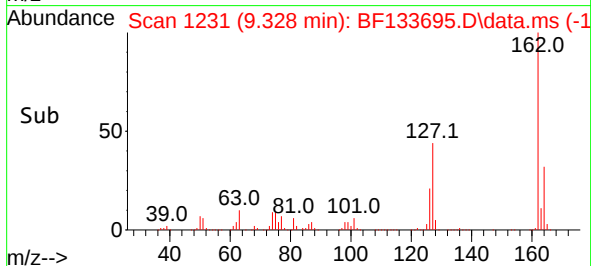
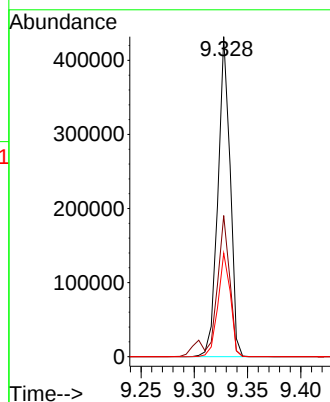
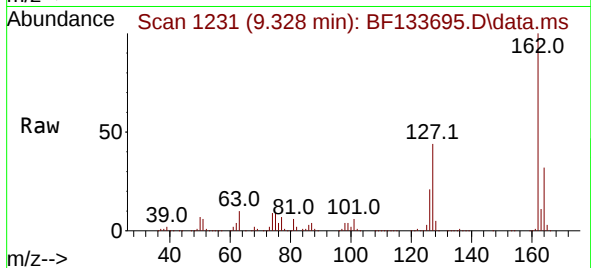
Tgt Ion:162 Resp: 34195
 Ion Ratio Lower Upper
 162 100
 127 44.1 34.6 52.0
 164 32.3 26.4 39.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#48

2-Nitroaniline

Concen: 43.645 ng

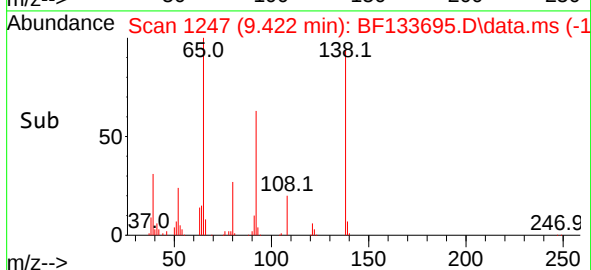
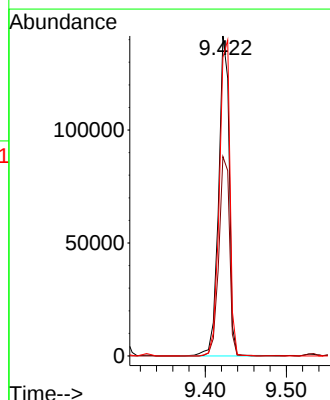
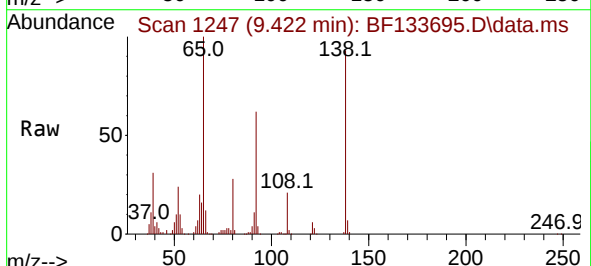
RT: 9.422 min Scan# 1247

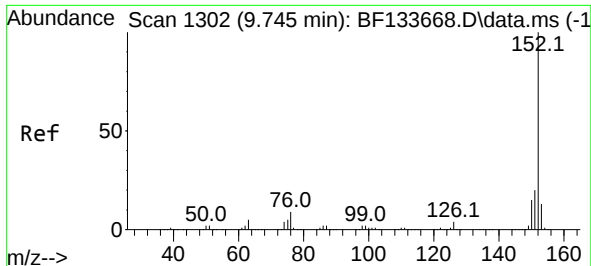
Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

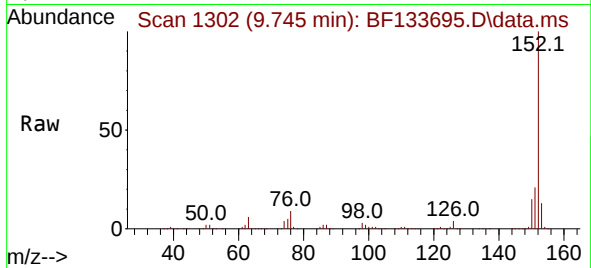
Tgt Ion: 65 Resp: 128235
 Ion Ratio Lower Upper
 65 100
 92 62.3 51.8 77.6
 138 93.3 82.1 123.1





#49
Acenaphthylene
Concen: 39.463 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

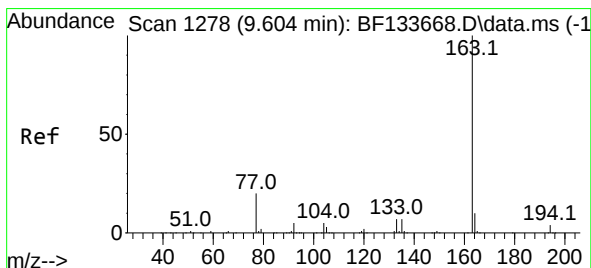
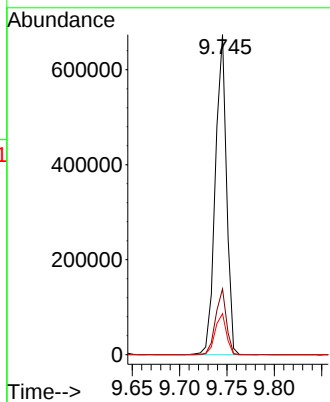
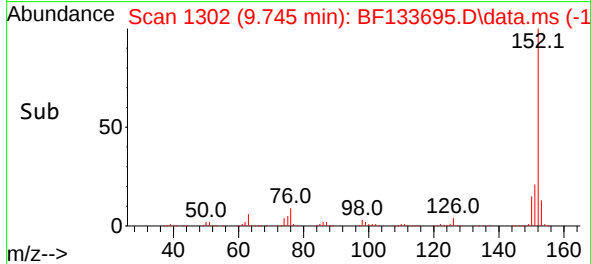
Instrument :
BNA_F
ClientSampleId :
TP-1MS



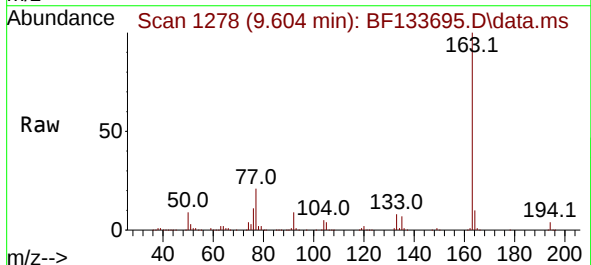
Tgt Ion:152 Resp: 551794
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 12.8 10.4 15.6

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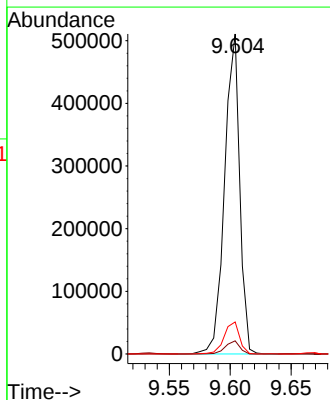
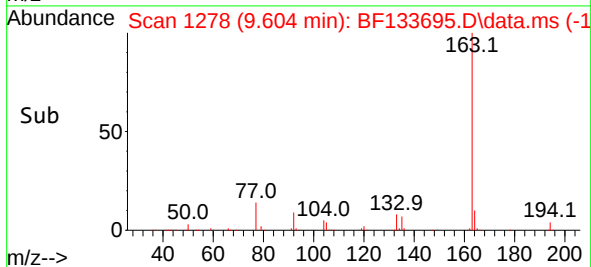
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

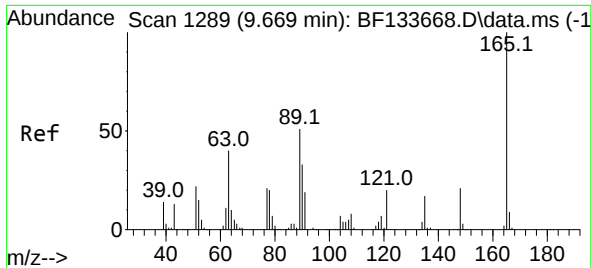


#50
Dimethylphthalate
Concen: 42.375 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion:163 Resp: 439222
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 37.774 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

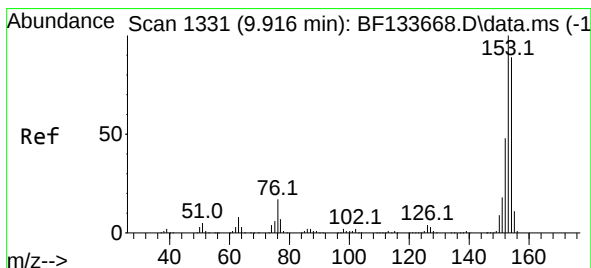
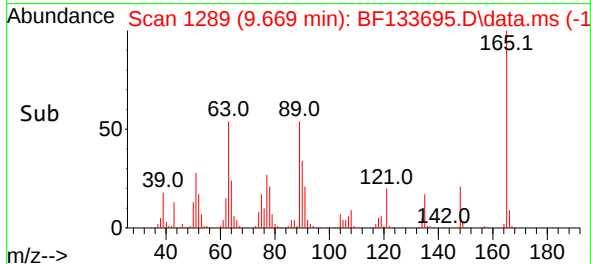
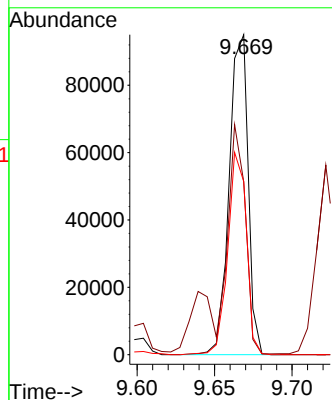
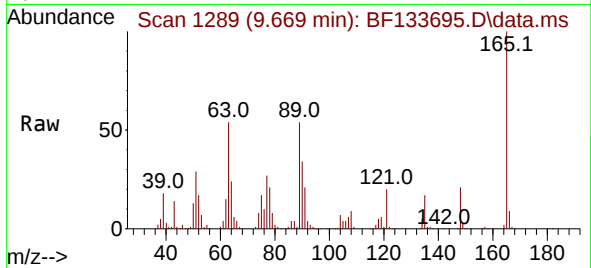
TP-1MS

Tgt Ion:165 Resp: 80819
Ion Ratio Lower Upper
165 100
63 54.1 42.1 63.1
89 54.1 40.9 61.3

Manual Integrations

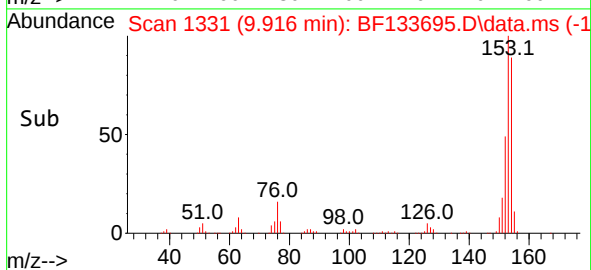
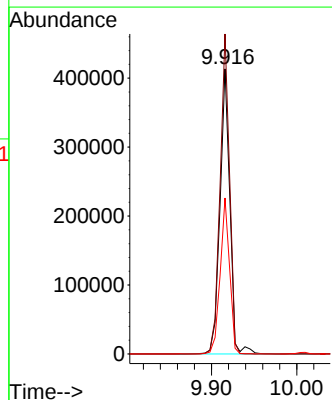
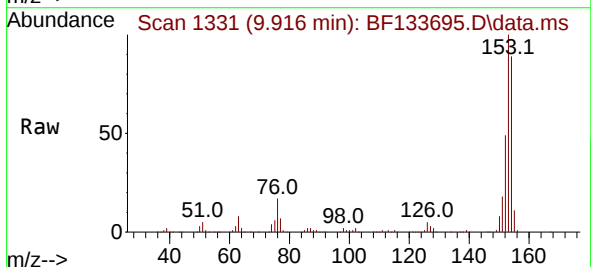
APPROVED

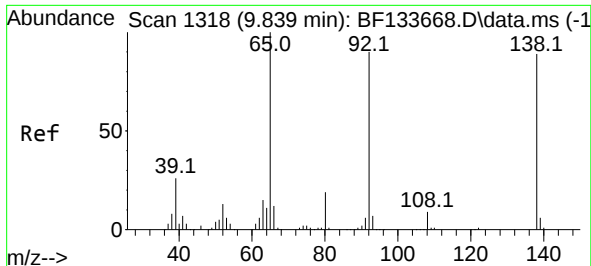
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#52
Acenaphthene
Concen: 40.347 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

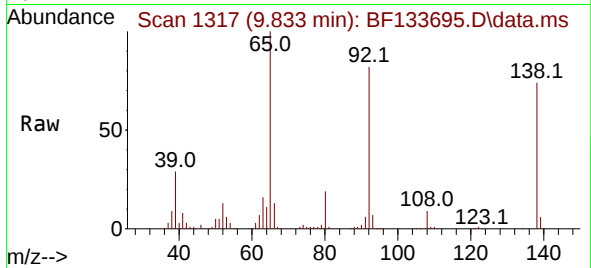
Tgt Ion:154 Resp: 330218
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 54.7 43.4 65.2





#53
3-Nitroaniline
Concen: 22.052 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

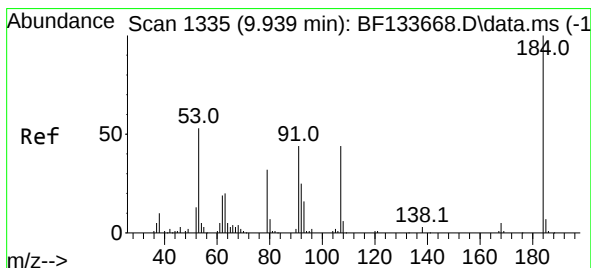
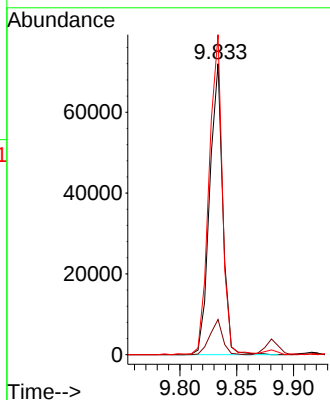
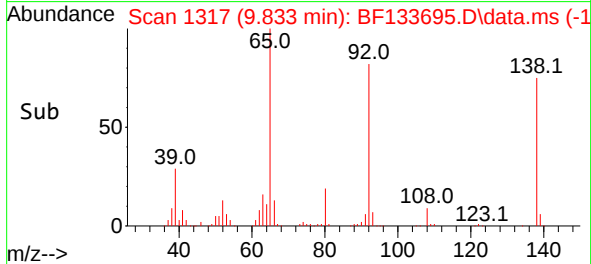
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:138 Resp: 5741
Ion Ratio Lower Upper
138 100
108 12.1 8.2 12.4
92 110.0 81.0 121.6

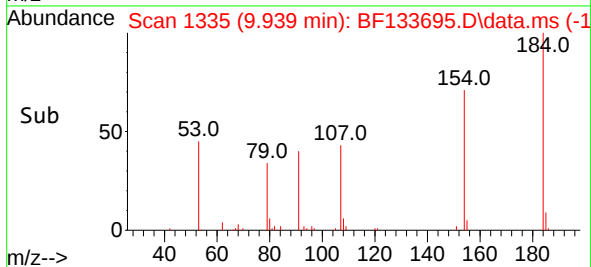
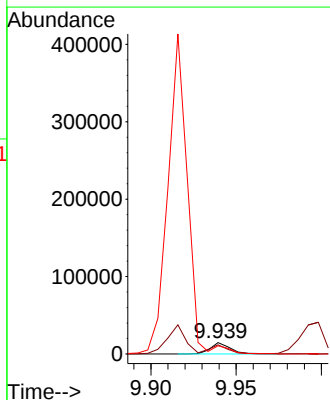
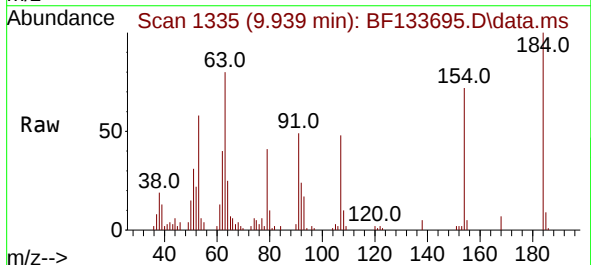
Manual Integrations
APPROVED

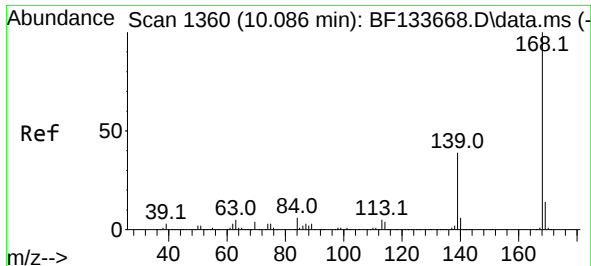
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#54
2,4-Dinitrophenol
Concen: 16.235 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

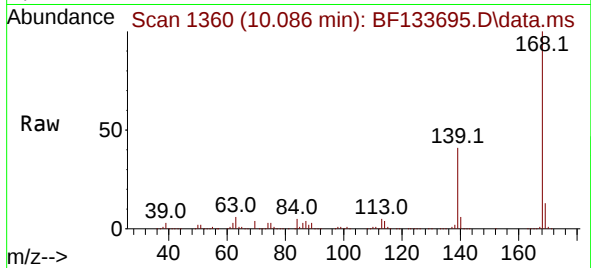
Tgt Ion:184 Resp: 11843
Ion Ratio Lower Upper
184 100
63 80.3 55.3 82.9
154 71.8 51.9 77.9





#55
Dibenzenofuran
Concen: 38.995 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

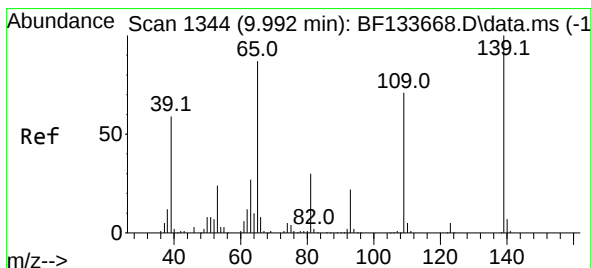
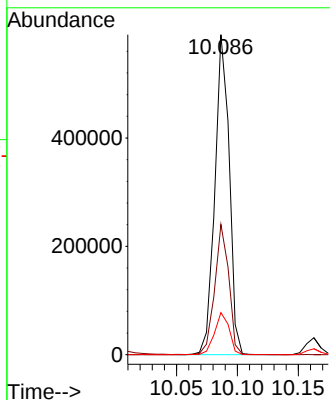
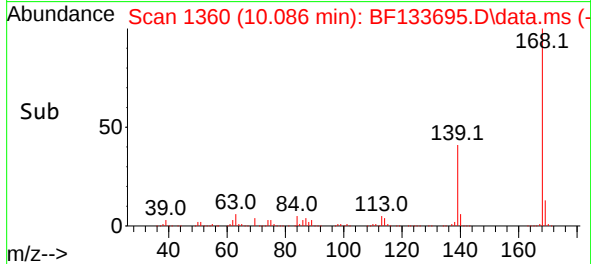
Instrument :
BNA_F
ClientSampleId :
TP-IMS



Tgt Ion:168 Resp: 486993
Ion Ratio Lower Upper
168 100
139 40.7 30.9 46.3
169 13.2 10.9 16.3

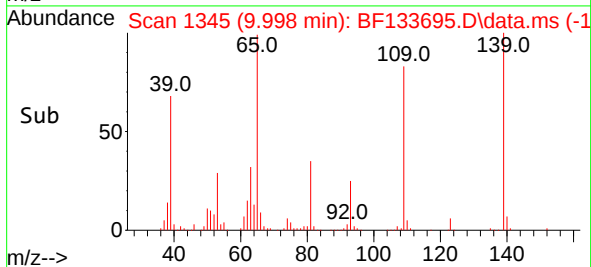
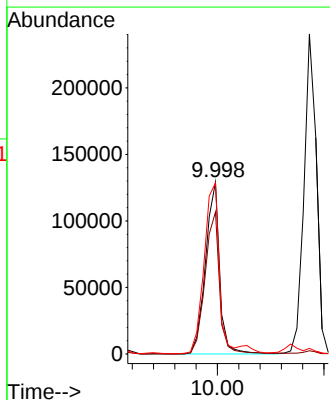
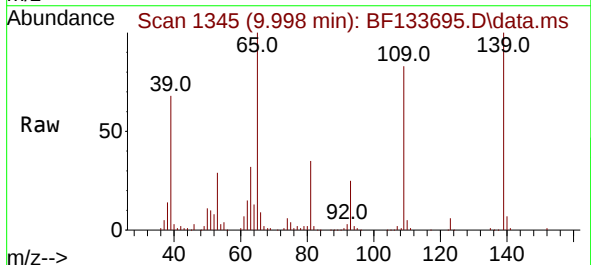
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#56
4-Nitrophenol
Concen: 68.053 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

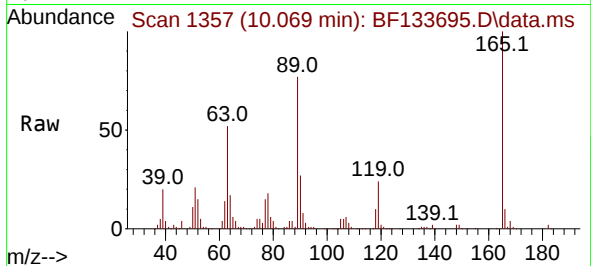
Tgt Ion:139 Resp: 119577
Ion Ratio Lower Upper
139 100
109 82.6 50.7 90.7
65 99.5 67.1 107.1





#57
2,4-Dinitrotoluene
Concen: 35.536 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

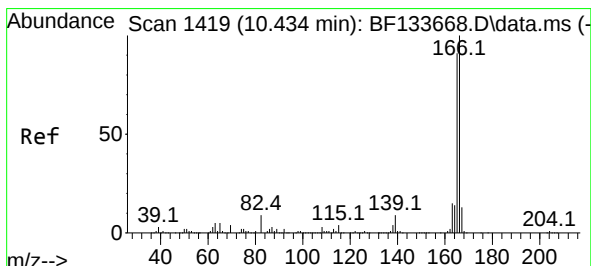
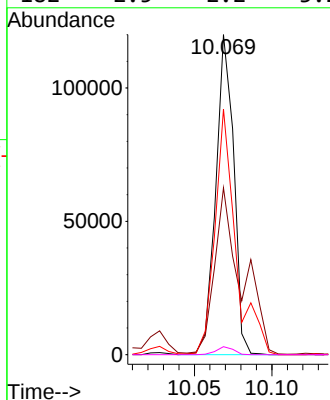
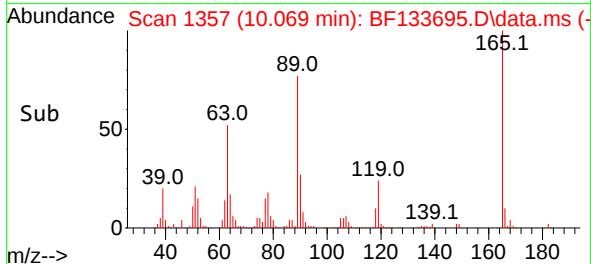
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:165 Resp: 9669
Ion Ratio Lower Upper
165 100
63 52.1 43.0 64.6
89 76.8 62.6 93.8
182 2.5 2.2 3.2

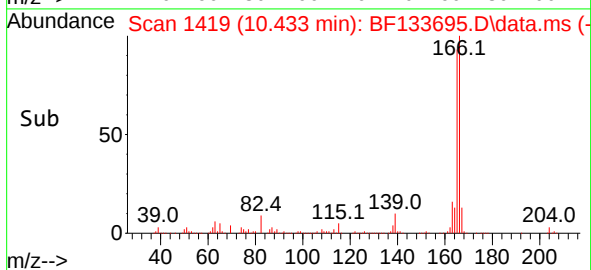
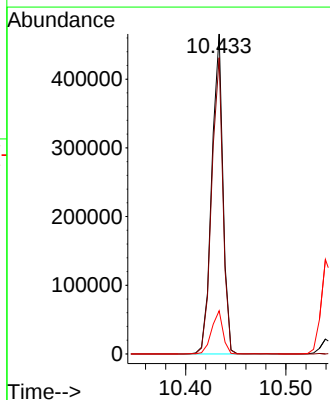
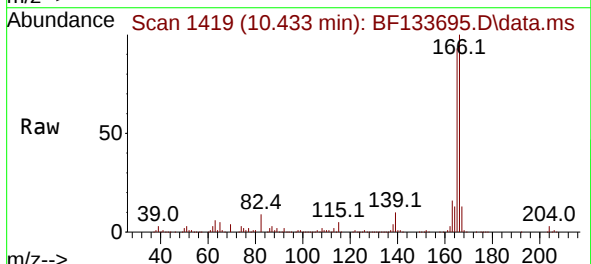
Manual Integrations
APPROVED

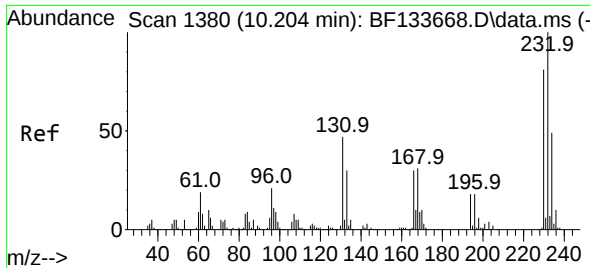
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#58
Fluorene
Concen: 37.855 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

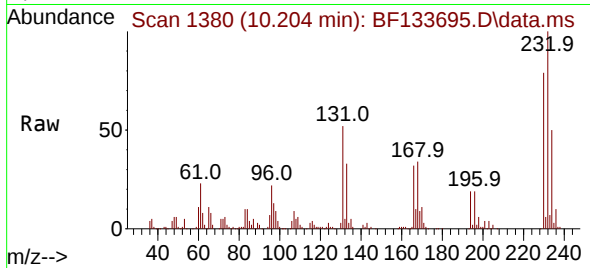
Tgt Ion:166 Resp: 361538
Ion Ratio Lower Upper
166 100
165 92.6 73.1 109.7
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.704 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

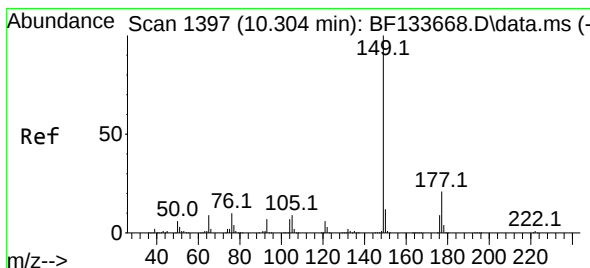
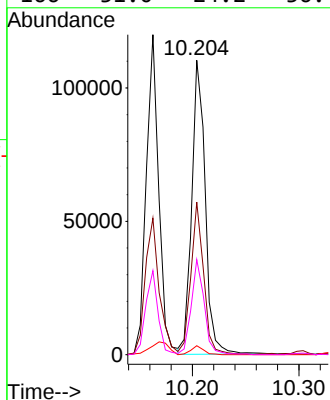
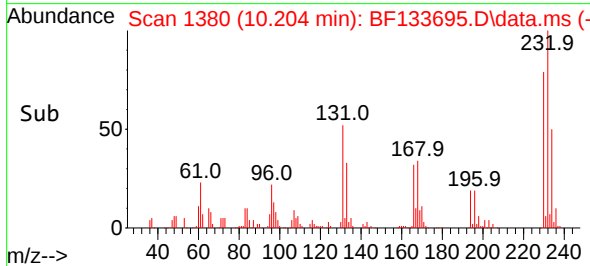
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:232 Resp: 97559
Ion Ratio Lower Upper
232 100
131 48.6 38.0 57.0
130 2.8 1.8 2.8
166 31.0 24.2 36.4

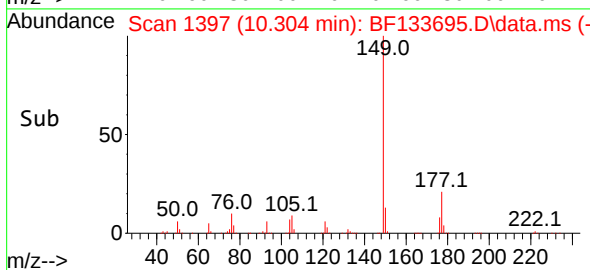
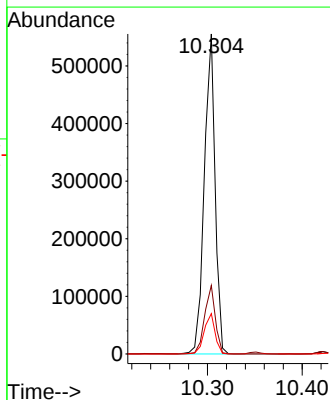
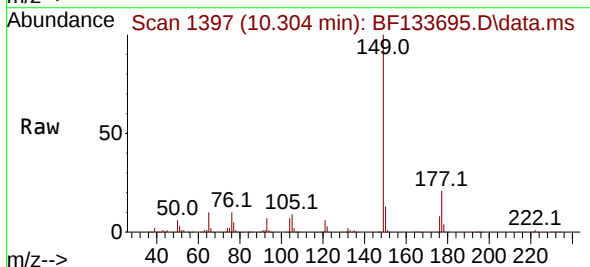
Manual Integrations
APPROVED

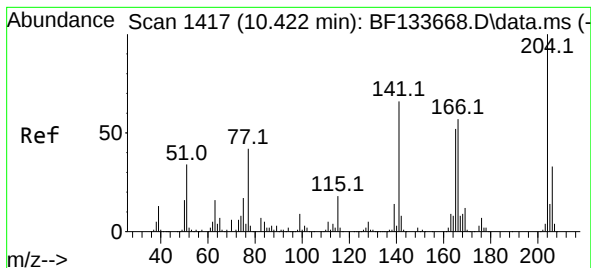
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#60
Diethylphthalate
Concen: 41.719 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

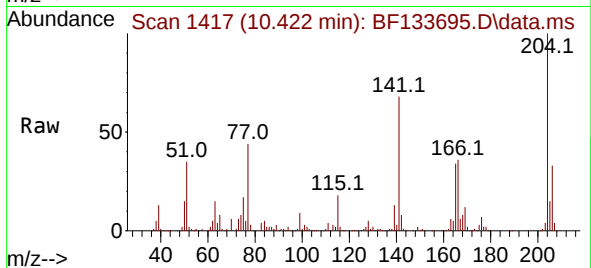
Tgt Ion:149 Resp: 440106
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.054 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

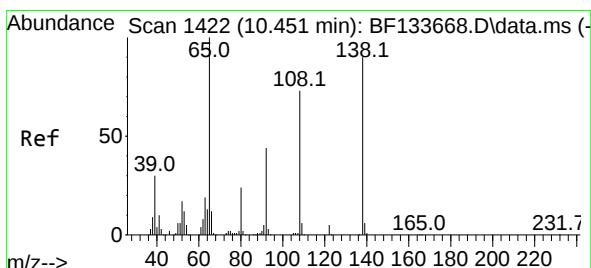
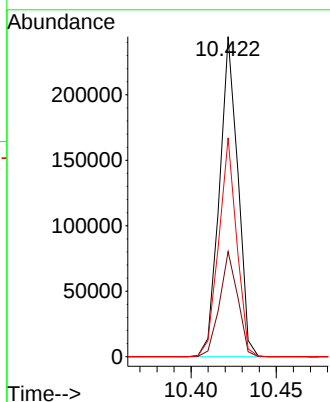
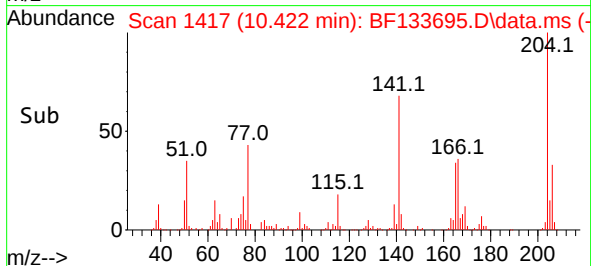
Instrument :
BNA_F
ClientSampleId :
TP-IMS



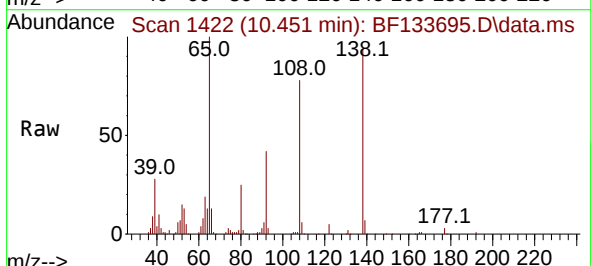
Tgt Ion:204 Resp: 18413
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 68.4 52.8 79.2

Manual Integrations
APPROVED

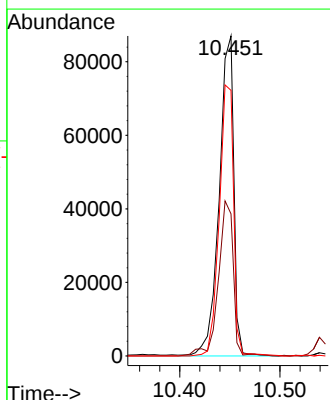
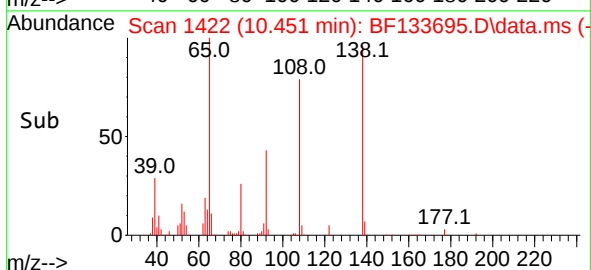
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

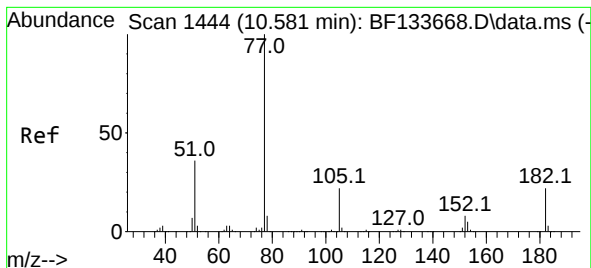


#62
4-Nitroaniline
Concen: 34.462 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



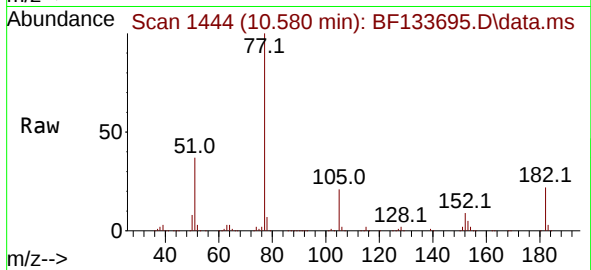
Tgt Ion:138 Resp: 87972
Ion Ratio Lower Upper
138 100
92 44.4 28.9 68.9
108 83.0 61.0 101.0





#63
Azobenzene
Concen: 36.521 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.001 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

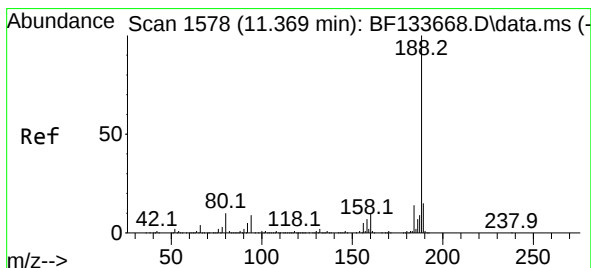
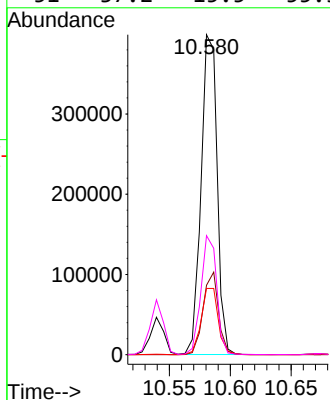
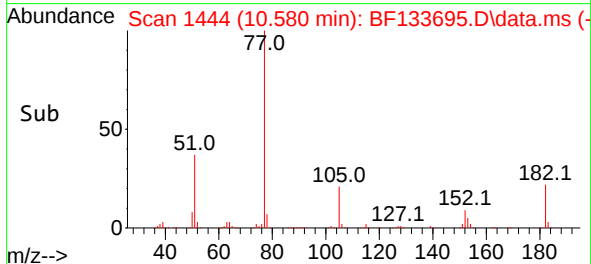
Instrument :
BNA_F
Client SampleId :
TP-1MS



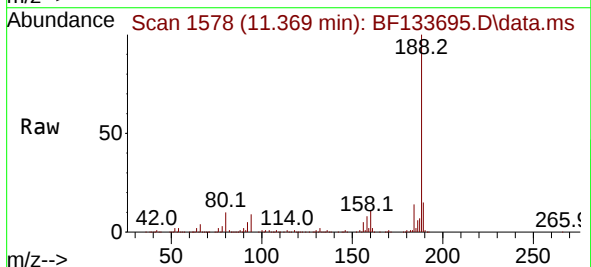
Tgt Ion: 77 Resp: 364719
Ion Ratio Lower Upper
77 100
182 21.7 1.6 41.6
105 20.7 1.6 41.6
51 37.2 15.5 55.5

Manual Integrations
APPROVED

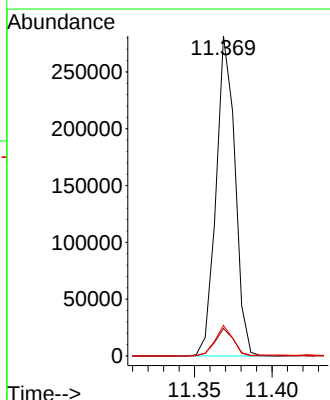
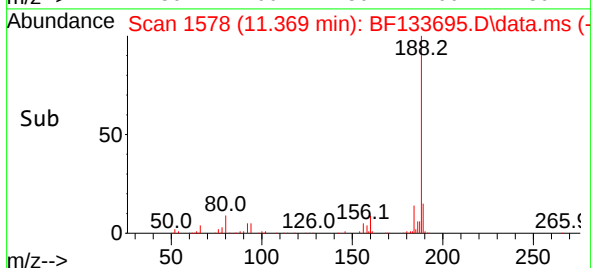
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

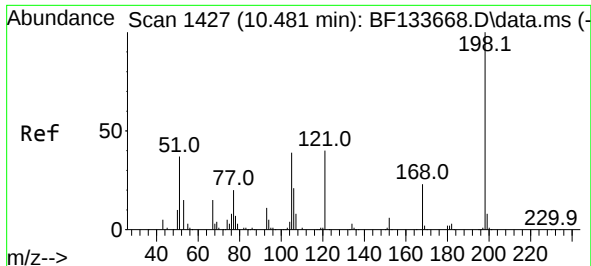


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion:188 Resp: 239136
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.6 7.8 11.6





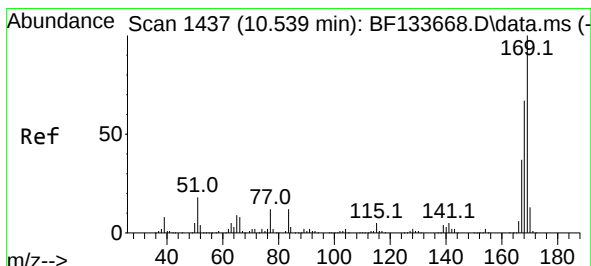
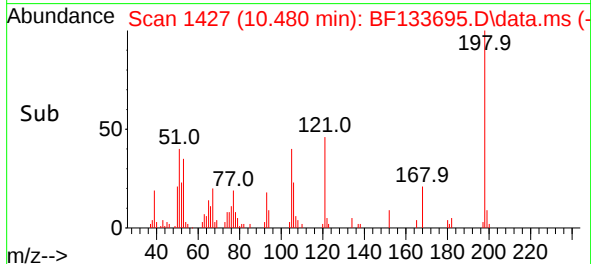
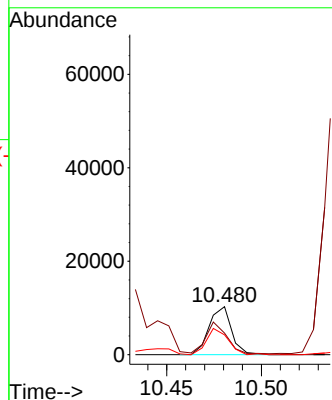
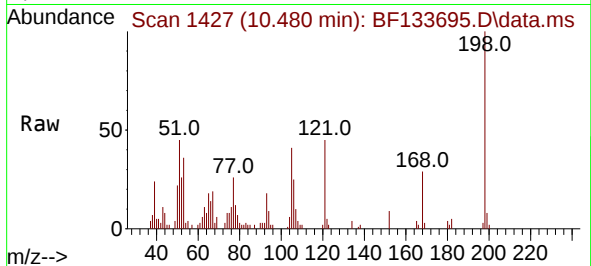
#65
4,6-Dinitro-2-methylphenol
Concen: 7.388 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.001 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:198 Resp: 844
Ion Ratio Lower Upper
198 100
51 45.1 27.5 67.5
105 41.3 21.0 61.0

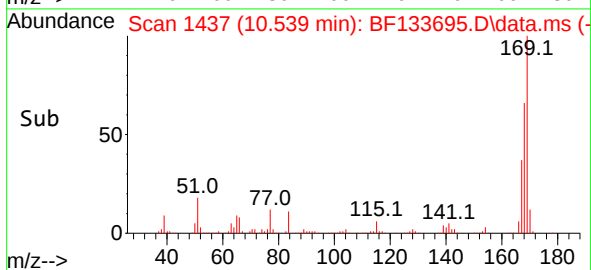
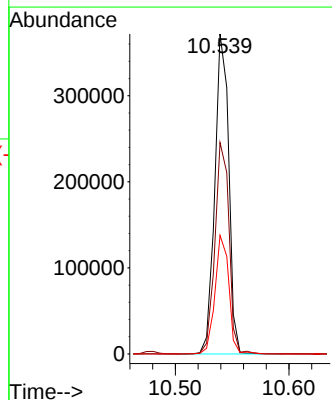
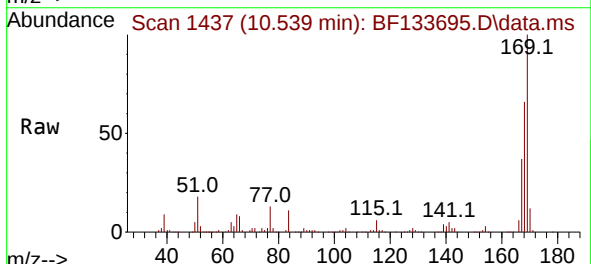
Manual Integrations
APPROVED

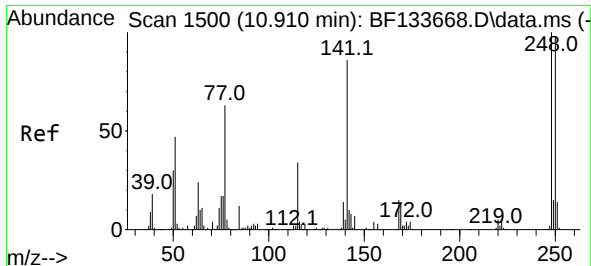
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#66
n-Nitrosodiphenylamine
Concen: 39.340 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

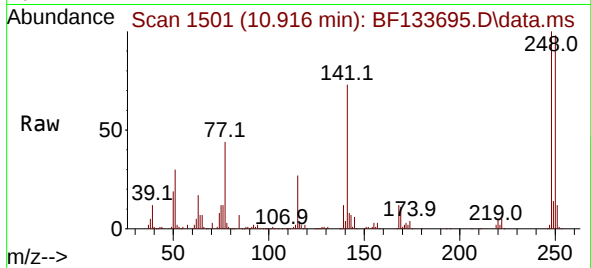
Tgt Ion:169 Resp: 316000
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 37.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 40.551 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

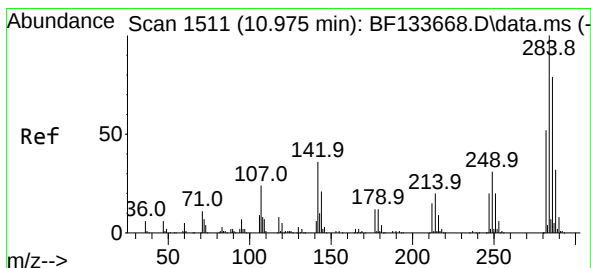
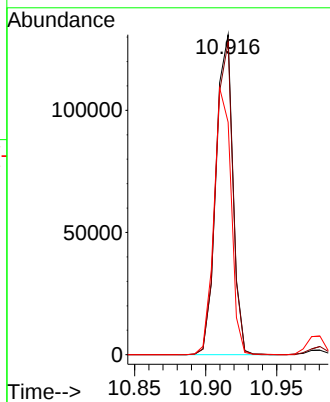
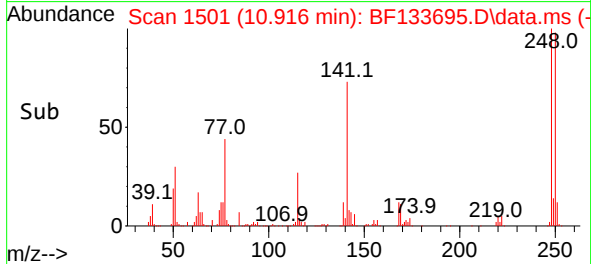
Instrument :
BNA_F
ClientSampleId :
TP-1MS



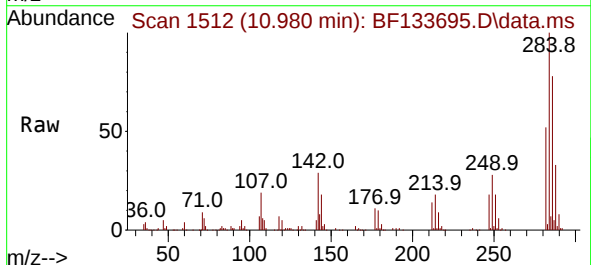
Tgt Ion:248 Resp: 108234
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 72.6 69.0 103.6

Manual Integrations
APPROVED

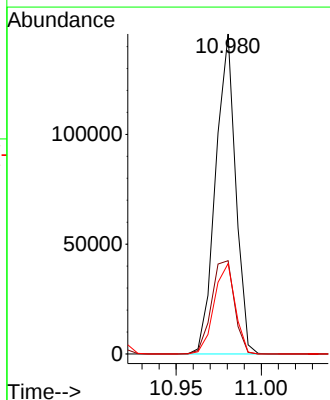
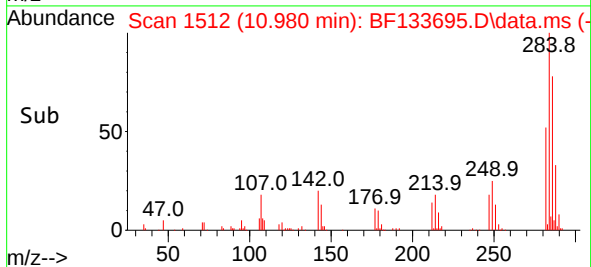
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

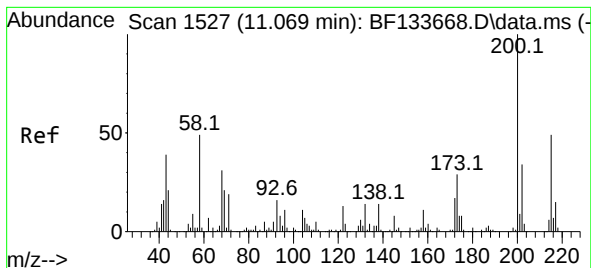


#68
Hexachlorobenzene
Concen: 42.421 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion:284 Resp: 119064
Ion Ratio Lower Upper
284 100
142 29.1 28.6 42.8
249 28.2 24.6 36.8





#69

Atrazine

Concen: 36.343 ng

RT: 11.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 8470

Ion Ratio Lower Upper

200 100

173 28.0 8.7 48.7

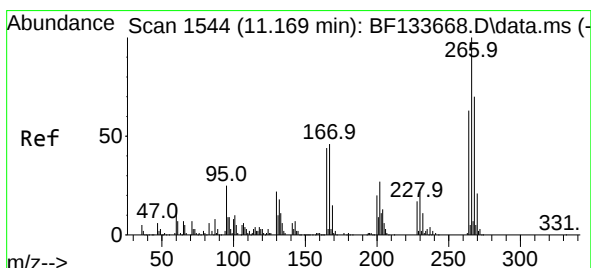
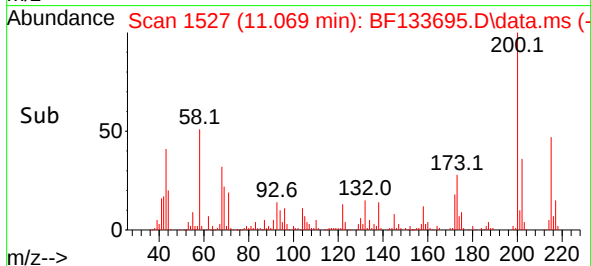
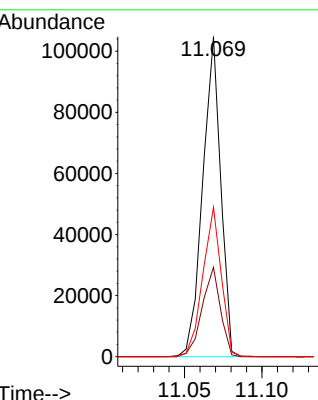
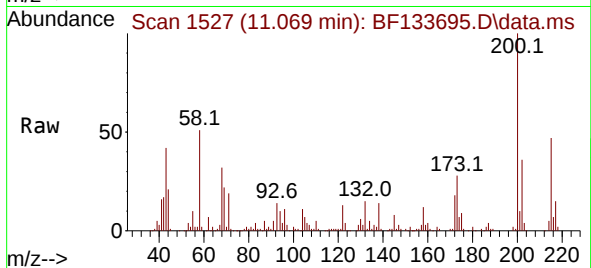
215 46.7 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#70

Pentachlorophenol

Concen: 68.562 ng

RT: 11.175 min Scan# 1545

Delta R.T. 0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

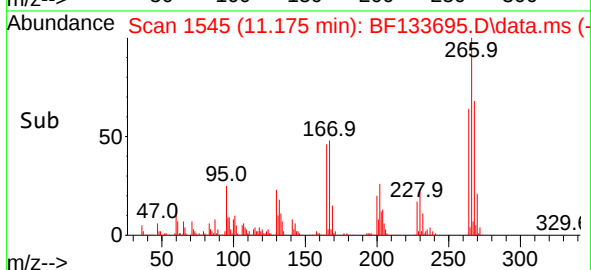
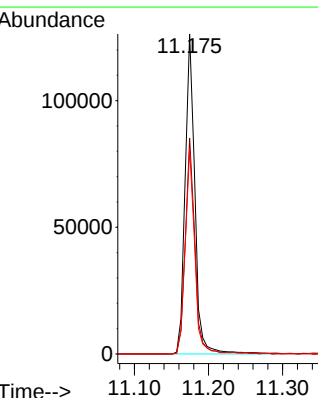
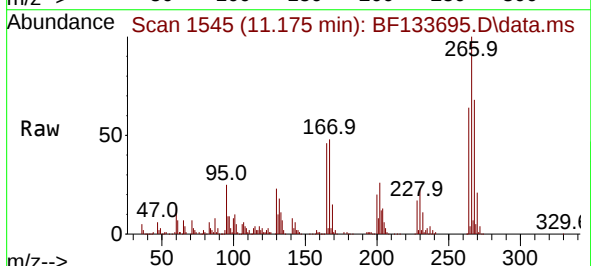
Tgt Ion:266 Resp: 115232

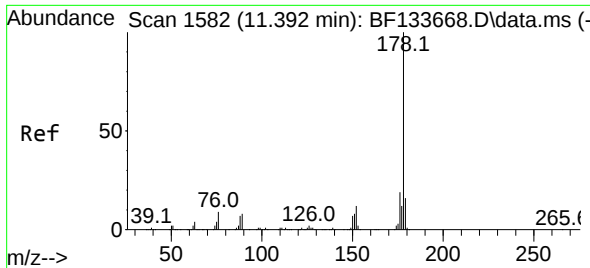
Ion Ratio Lower Upper

266 100

268 67.5 55.7 83.5

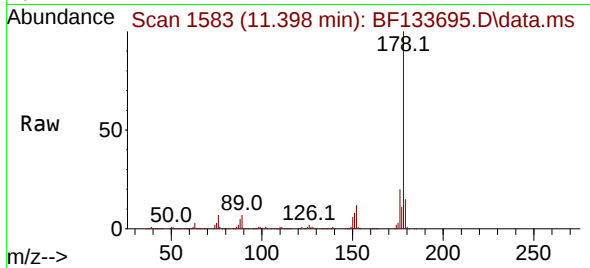
264 64.4 50.7 76.1





#71
Phenanthrene
Concen: 40.099 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

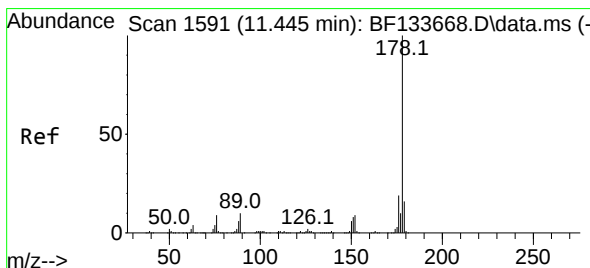
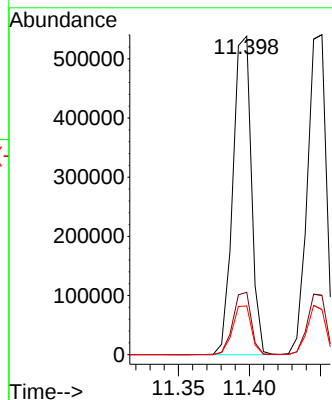
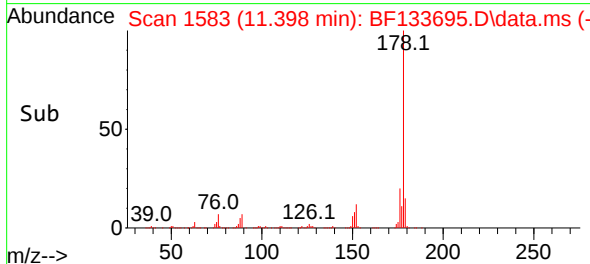
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:178 Resp: 486498
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.4 18.6

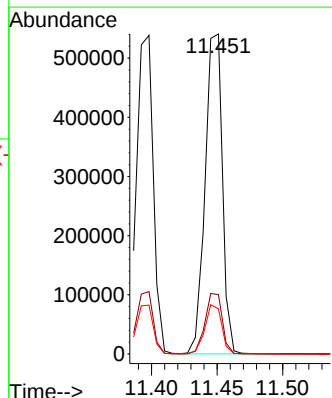
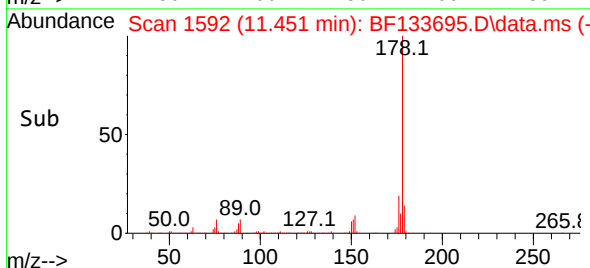
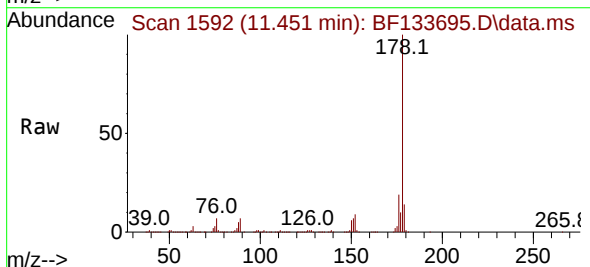
Manual Integrations
APPROVED

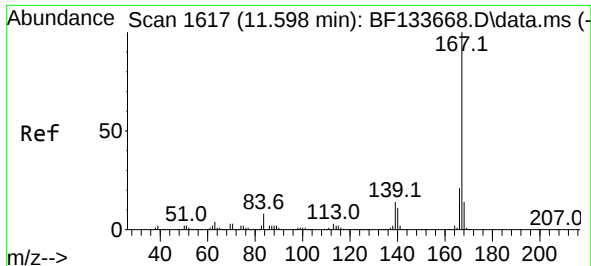
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#72
Anthracene
Concen: 39.398 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

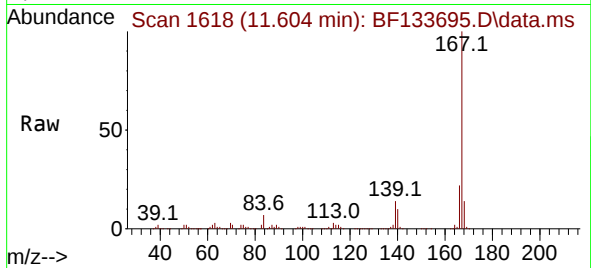
Tgt Ion:178 Resp: 498409
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 14.1 12.6 18.8





#73
 Carbazole
 Concen: 39.411 ng
 RT: 11.604 min Scan# 1617
 Delta R.T. 0.006 min
 Lab File: BF133695.D
 Acq: 10 Jun 2023 02:31

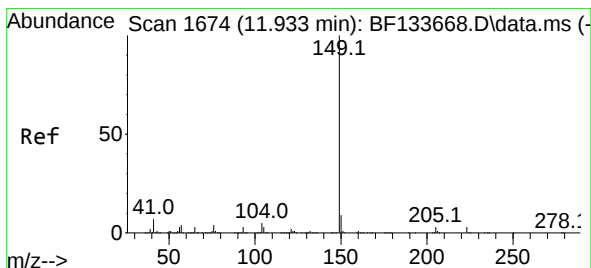
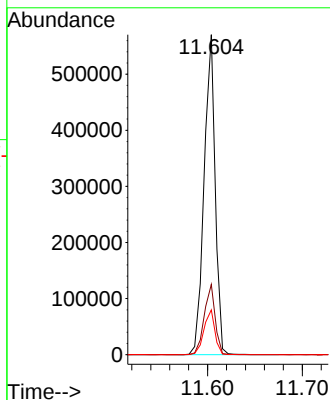
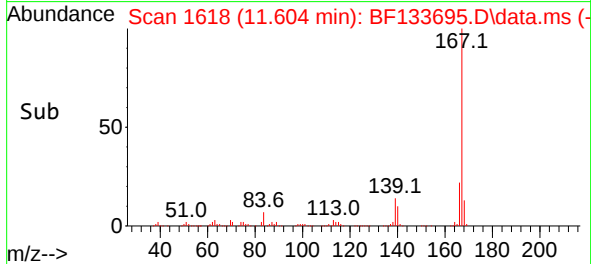
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



Tgt Ion:167 Resp: 464350
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 14.0 11.2 16.8

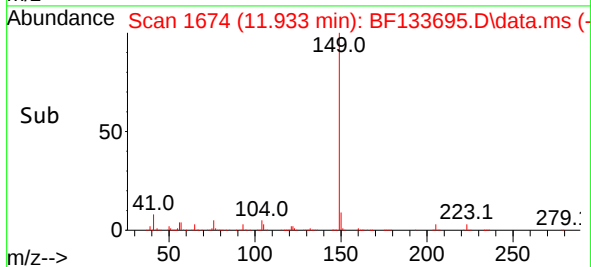
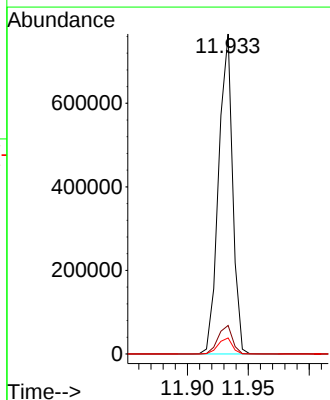
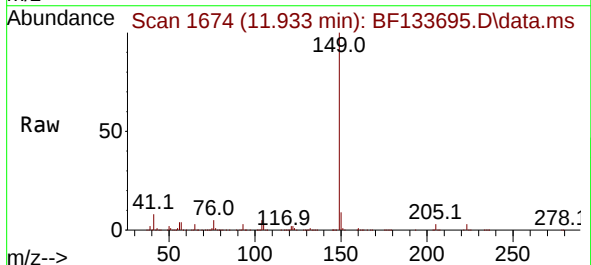
Manual Integrations
 APPROVED

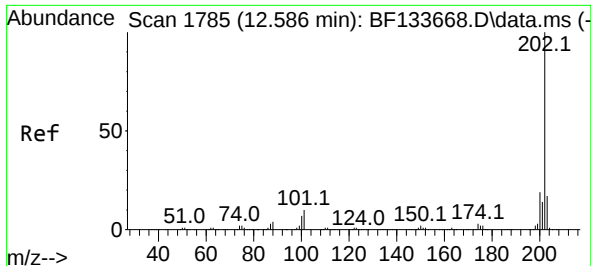
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023



#74
 Di-n-butylphthalate
 Concen: 40.619 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF133695.D
 Acq: 10 Jun 2023 02:31

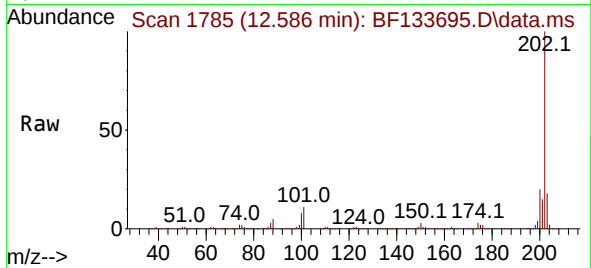
Tgt Ion:149 Resp: 613542
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.0 3.8 5.8





#75
Fluoranthene
Concen: 38.989 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

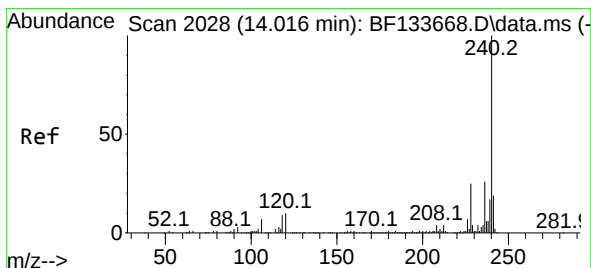
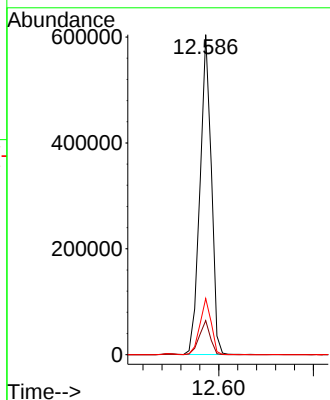
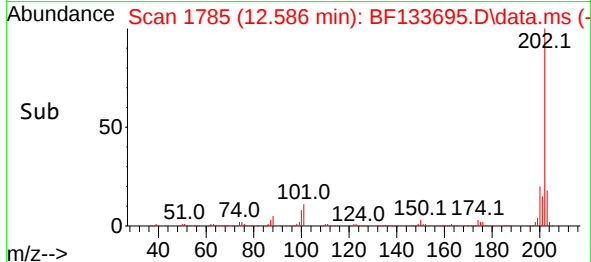
Instrument :
BNA_F
ClientSampleId :
TP-1MS



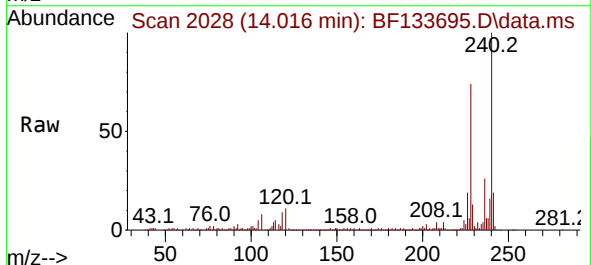
Tgt Ion:202 Resp: 502335
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.6 0.0 37.4

Manual Integrations
APPROVED

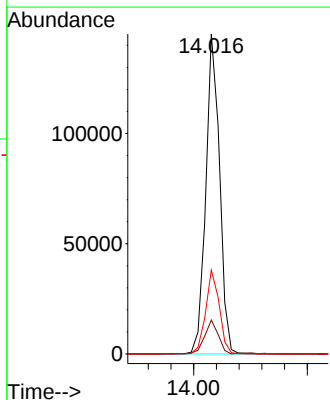
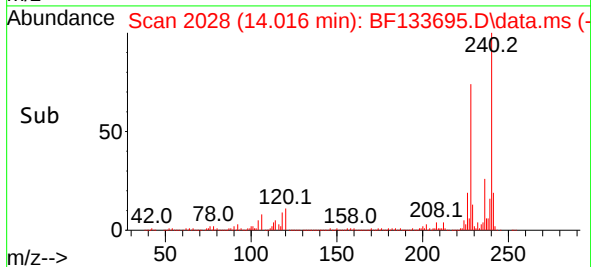
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

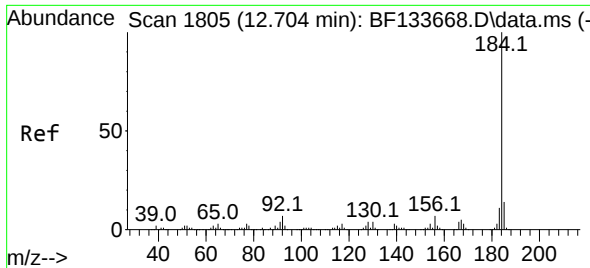


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



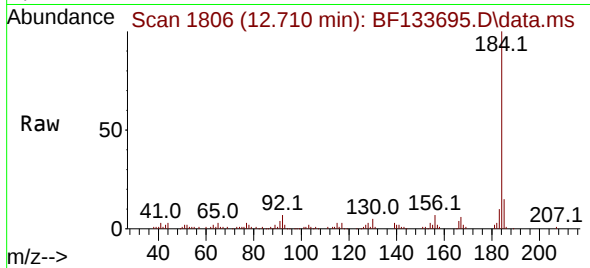
Tgt Ion:240 Resp: 122041
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.3 20.5 30.7





#77
Benzidine
Concen: 11.195 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

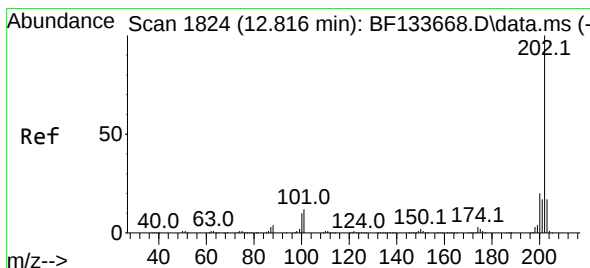
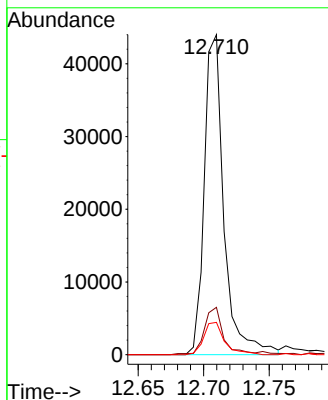
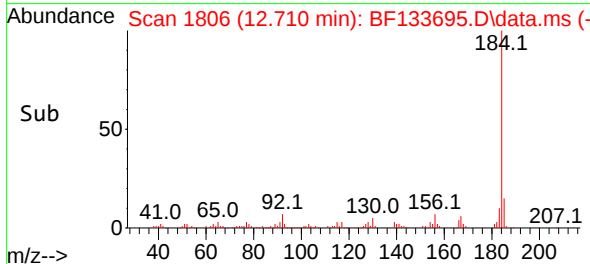
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:184 Resp: 45840
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 10.1 8.4 12.6

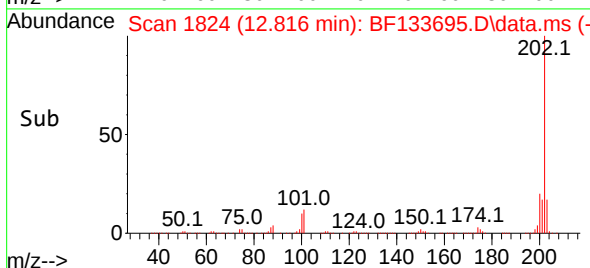
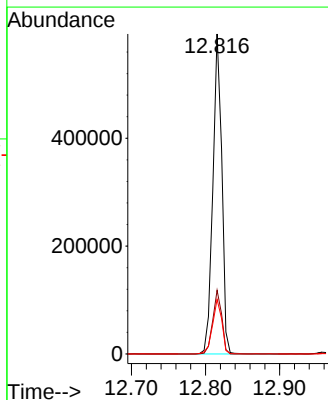
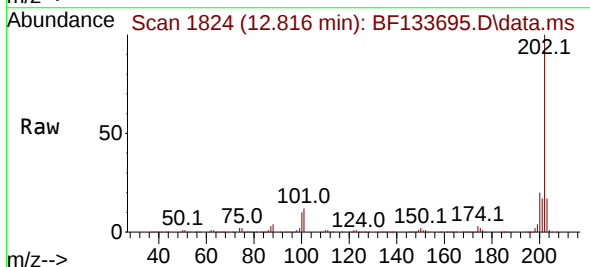
Manual Integrations
APPROVED

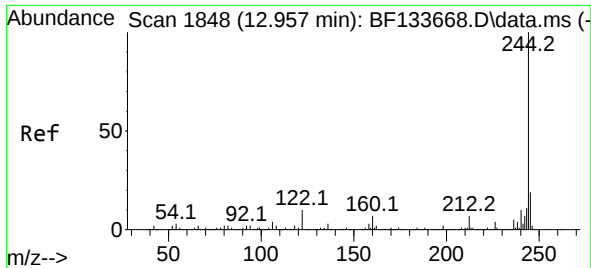
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#78
Pyrene
Concen: 43.556 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

Tgt Ion:202 Resp: 495175
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.0 13.9 20.9





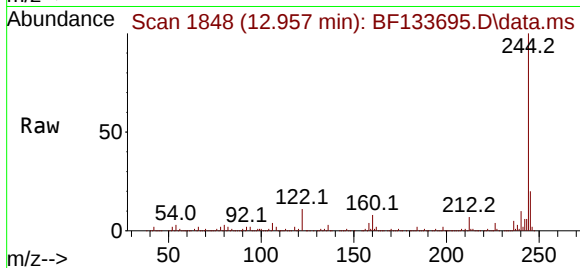
#79
 Terphenyl-d14
 Concen: 92.055 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133695.D
 Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

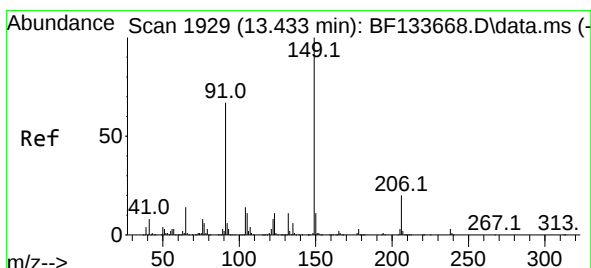
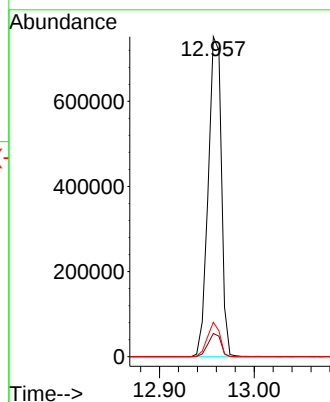
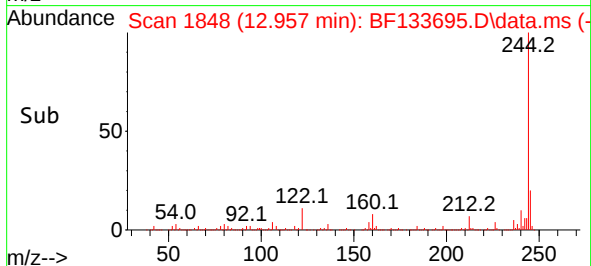


Tgt Ion:244 Resp: 72605
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.8 8.1 12.1

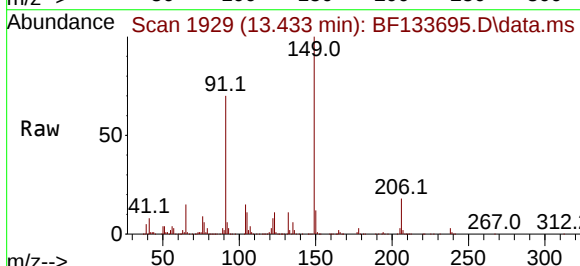
Manual Integrations

APPROVED

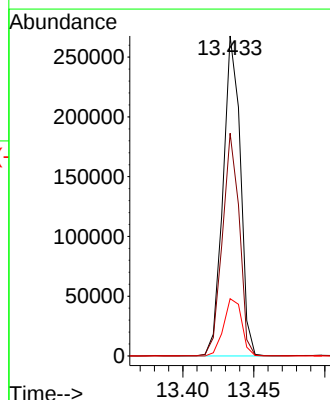
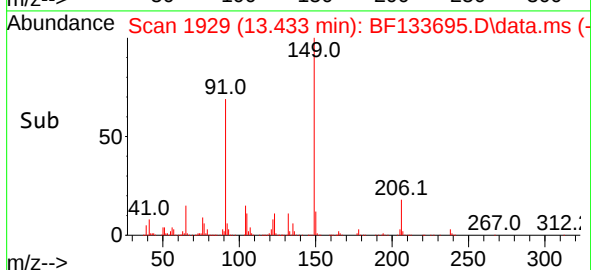
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

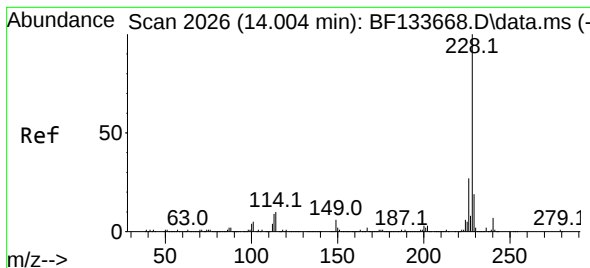


#80
 Butylbenzylphthalate
 Concen: 47.346 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF133695.D
 Acq: 10 Jun 2023 02:31



Tgt Ion:149 Resp: 227232
 Ion Ratio Lower Upper
 149 100
 91 69.6 54.0 81.0
 206 17.9 15.6 23.4





#81

Benzo(a)anthracene

Concen: 40.687 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 343468

Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

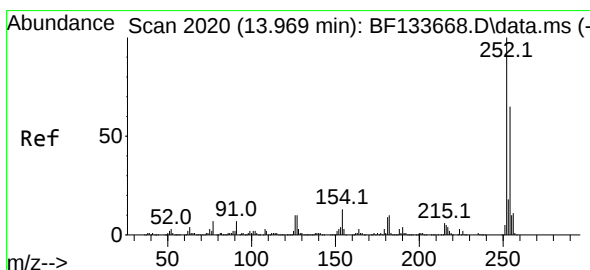
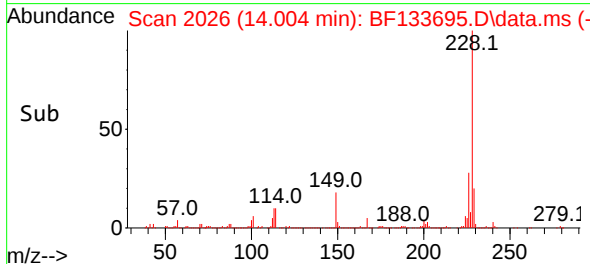
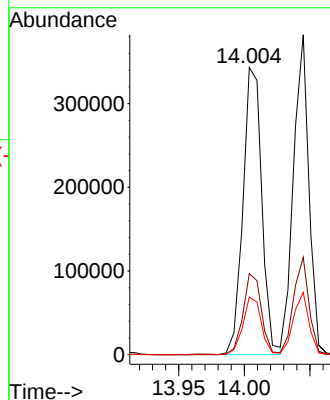
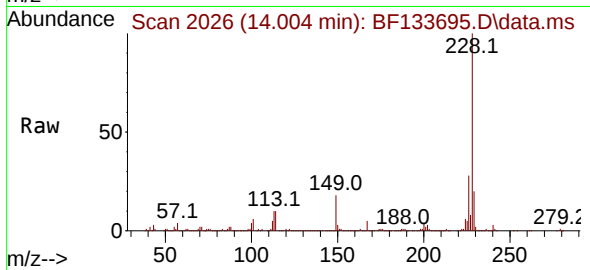
229 20.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#82

3,3'-Dichlorobenzidine

Concen: 13.209 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

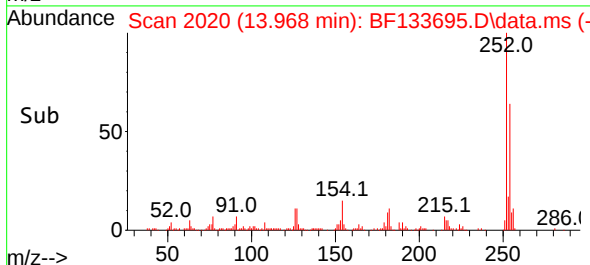
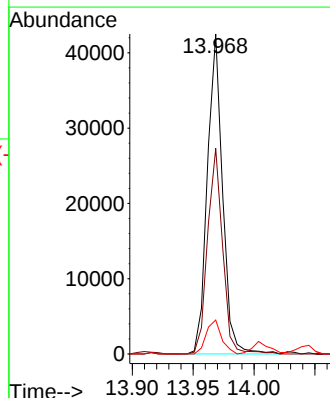
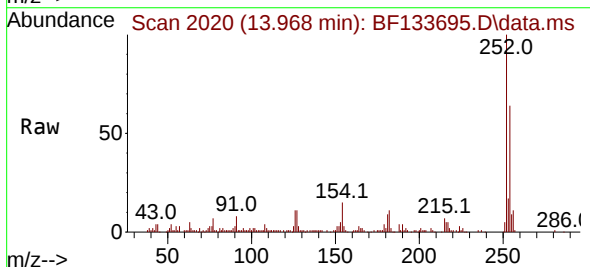
Tgt Ion:252 Resp: 37071

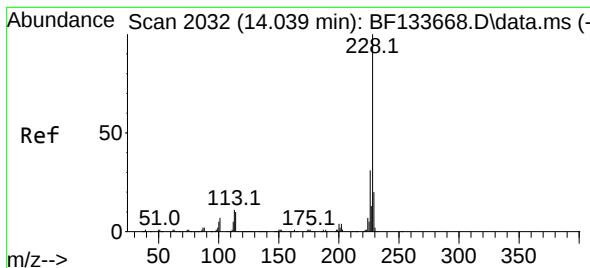
Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

126 10.6 7.7 11.5





#83

Chrysene

Concen: 39.246 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

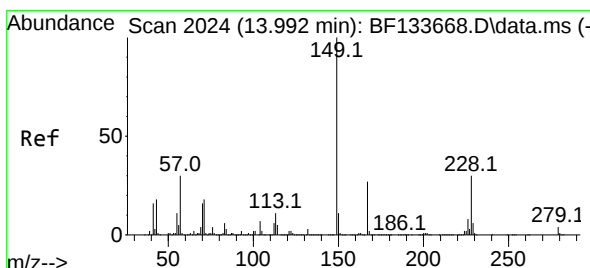
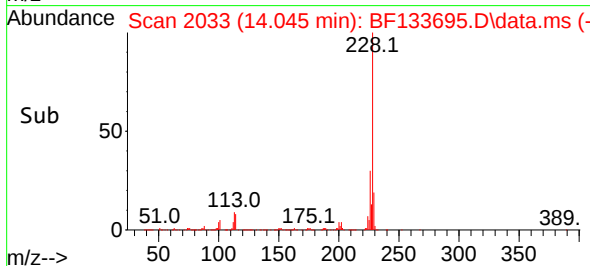
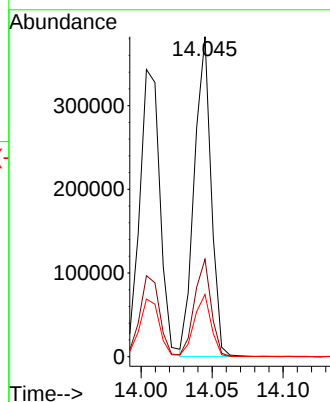
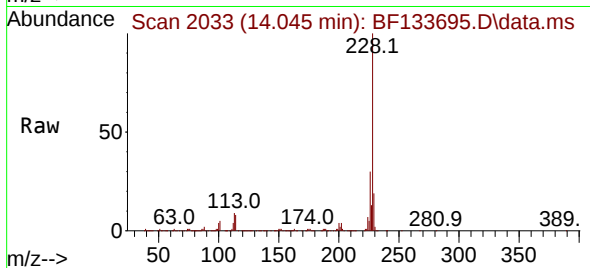
Tgt Ion:228 Resp: 31335
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.755 ng

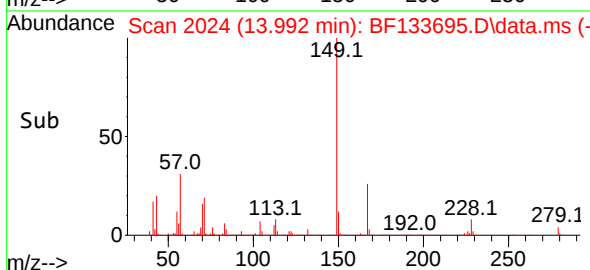
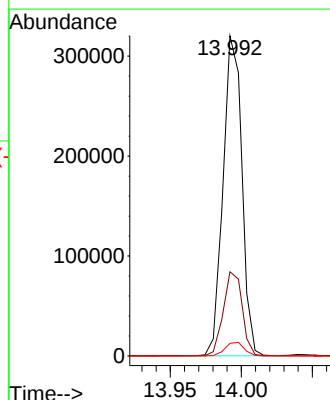
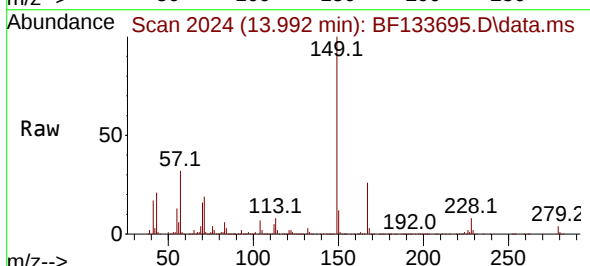
RT: 13.992 min Scan# 2024

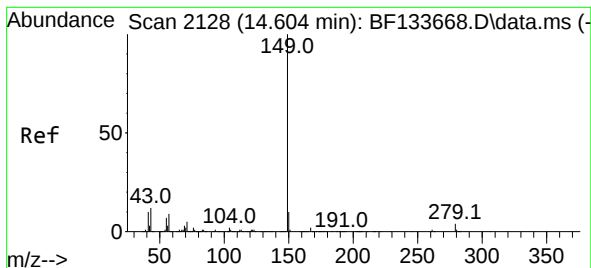
Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Tgt Ion:149 Resp: 294026
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.8 32.8
 279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.748 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 43456

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

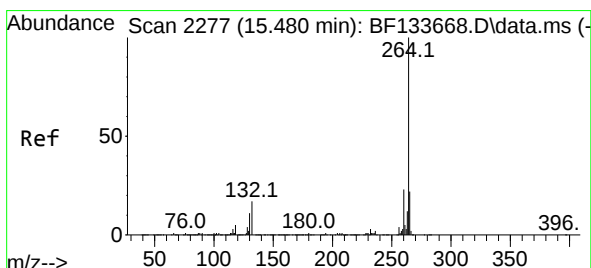
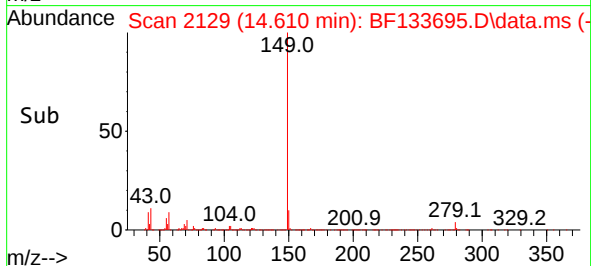
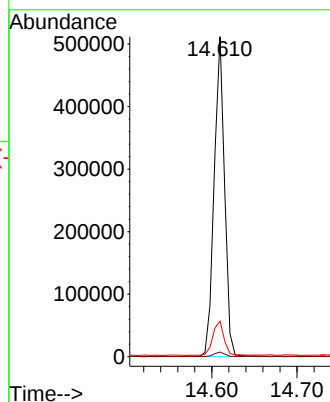
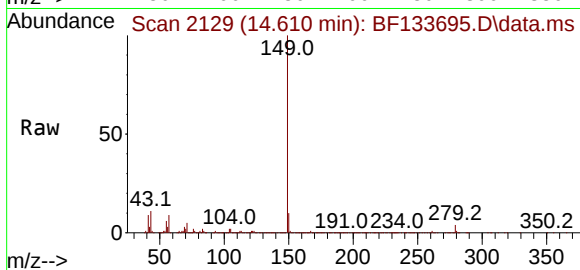
43 11.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

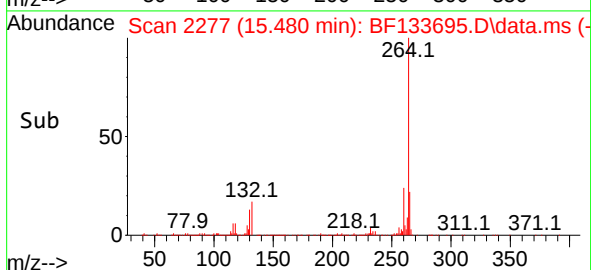
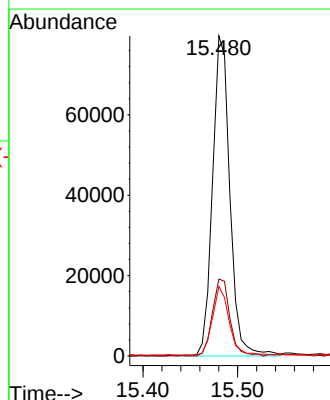
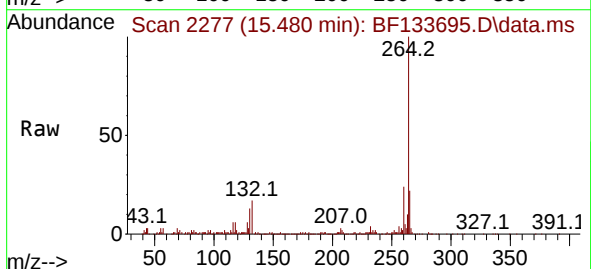
Tgt Ion:264 Resp: 101680

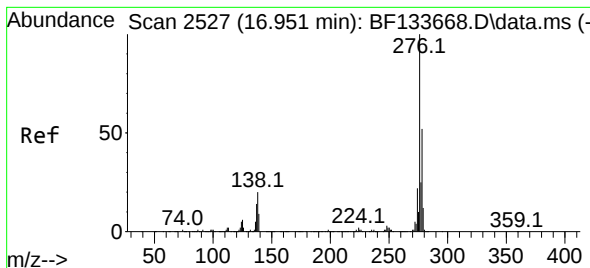
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.815 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:276 Resp: 25053

Ion Ratio Lower Upper

276 100

138 21.8 17.9 26.9

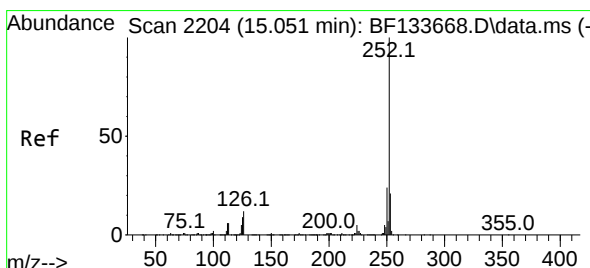
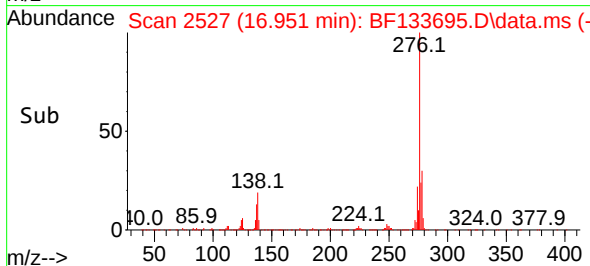
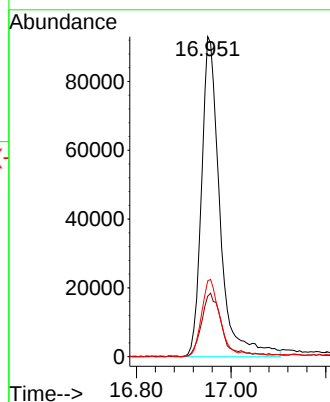
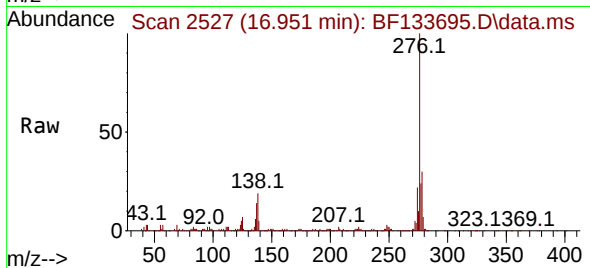
277 23.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#88

Benzo(b)fluoranthene

Concen: 42.825 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

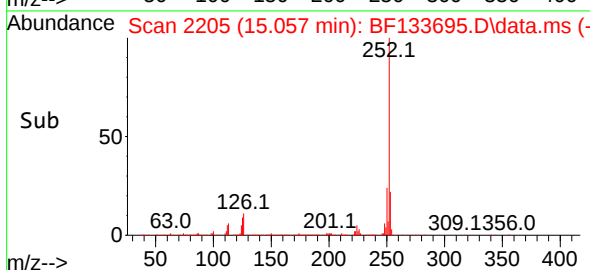
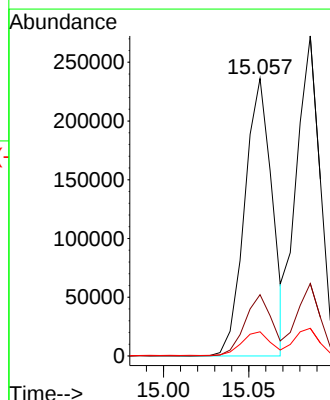
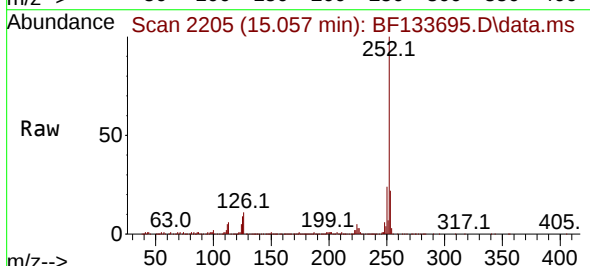
Tgt Ion:252 Resp: 264513

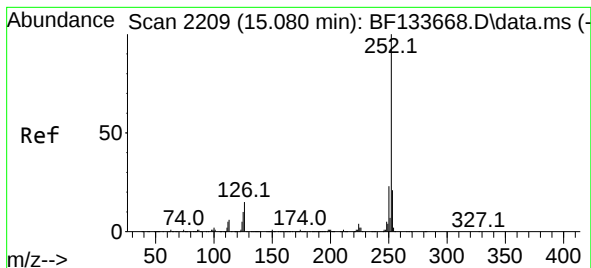
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 8.7 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 44.267 ng

RT: 15.086 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

Instrument :

BNA_F

ClientSampleId :

TP-1MS

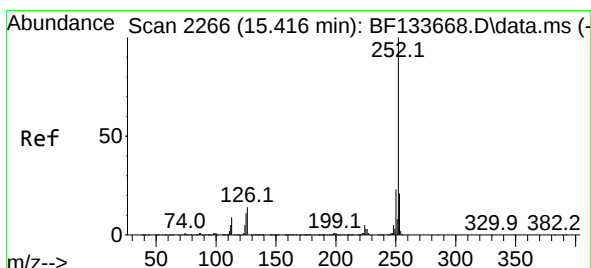
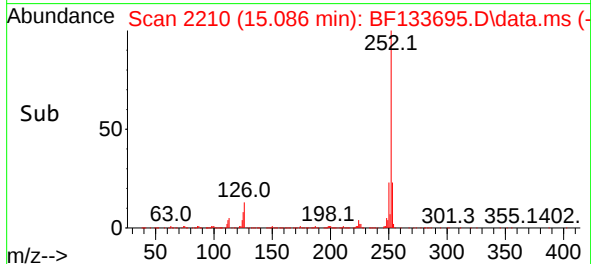
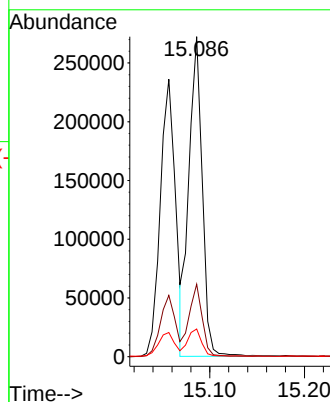
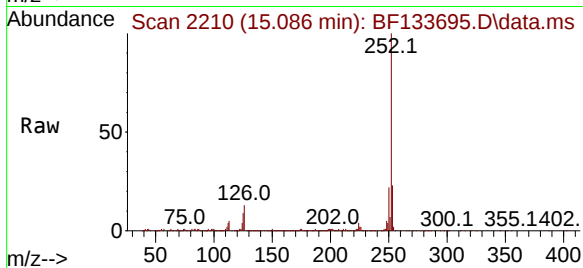
Tgt Ion:252 Resp: 26634
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.0 25.4
 125 8.7 7.8 11.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#90

Benzo(a)pyrene

Concen: 39.128 ng

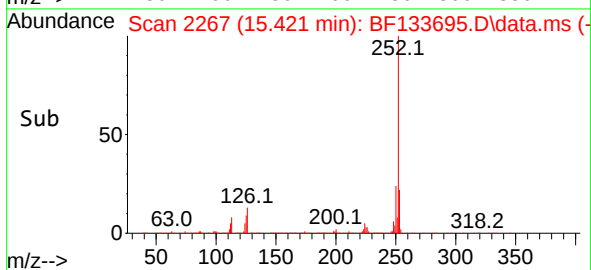
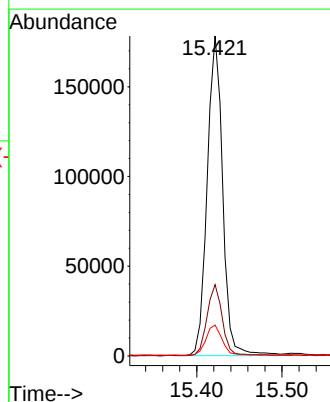
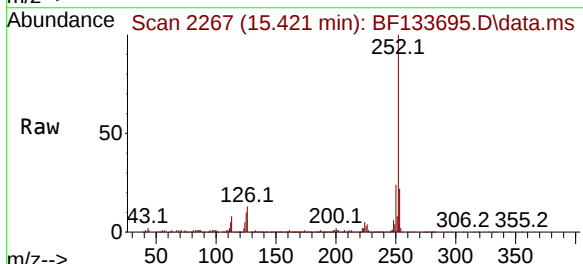
RT: 15.421 min Scan# 2267

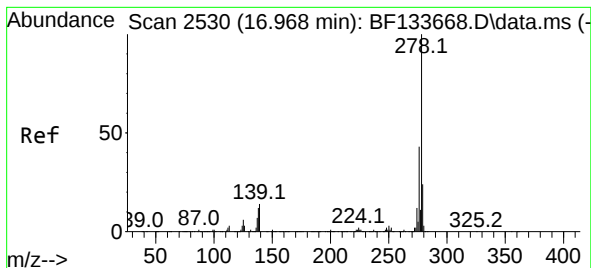
Delta R.T. 0.006 min

Lab File: BF133695.D

Acq: 10 Jun 2023 02:31

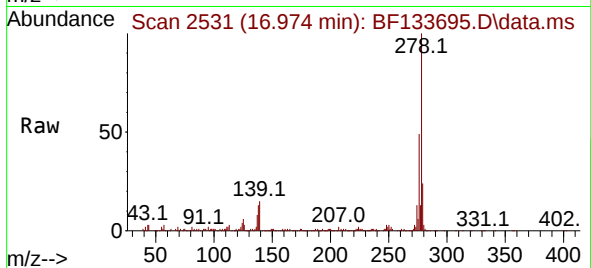
Tgt Ion:252 Resp: 224296
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.1 25.7
 125 9.7 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 35.750 ng
RT: 16.974 min Scan# 2530
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31

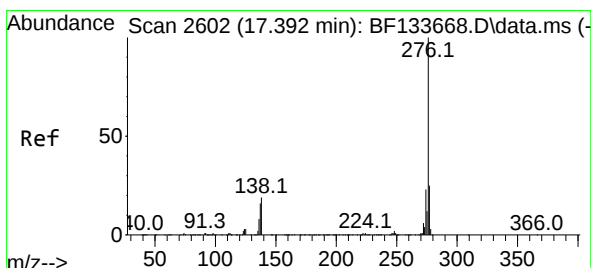
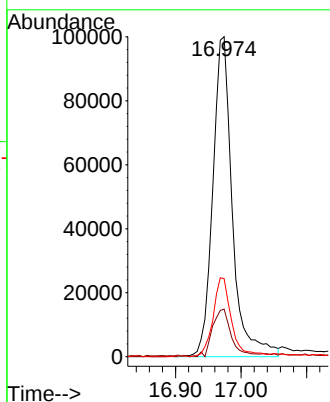
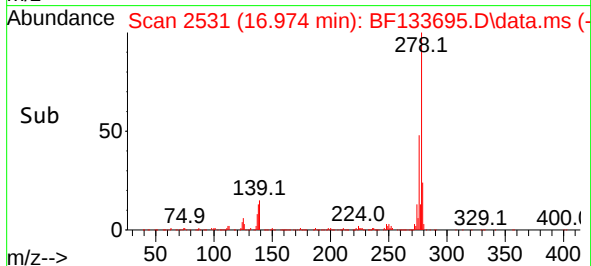
Instrument :
BNA_F
ClientSampleId :
TP-1MS



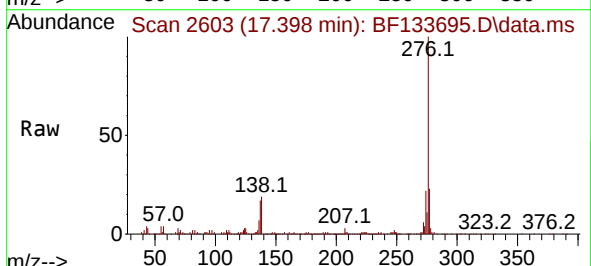
Tgt Ion: 278 Resp: 207038
Ion Ratio Lower Upper
278 100
139 14.9 11.4 17.2
279 24.4 19.0 28.4

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 06/13/2023
Supervised By : mohammad ahmed 06/13/2023



#92
Benzo(g,h,i)perylene
Concen: 31.026 ng
RT: 17.398 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF133695.D
Acq: 10 Jun 2023 02:31



Tgt Ion: 276 Resp: 178150
Ion Ratio Lower Upper
276 100
277 23.5 19.8 29.8
138 19.5 15.0 22.4

