

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134128.D
 Acq On : 07 Jul 2023 09:37
 Operator : CG\JU
 Sample : 03376-05MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1MS

Quant Time: Jul 07 14:21:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	105754	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	400909	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	194343	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	367396	20.000	ng	0.00
76) Chrysene-d12	14.039	240	201731	20.000	ng	-0.01
86) Perylene-d12	15.539	264	200377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	428565	67.788	ng	0.00
7) Phenol-d6	6.475	99	331863	42.684	ng	-0.02
23) Nitrobenzene-d5	7.410	82	702553	94.464	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	318010	130.510	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1204490	90.109	ng	0.00
79) Terphenyl-d14	12.974	244	1225026	97.733	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	54056	20.737	ng	97
3) Pyridine	3.469	79	108121	15.924	ng	97
4) n-Nitrosodimethylamine	3.410	42	85471	22.040	ng	97
6) Aniline	6.510	93	232896	24.616	ng	99
8) 2-Chlorophenol	6.628	128	262375	40.883	ng	99
9) Benzaldehyde	6.398	77	147397	32.920	ng	98
10) Phenol	6.492	94	141028	17.252	ng	97
11) bis(2-Chloroethyl)ether	6.581	93	278281	46.238	ng	98
12) 1,3-Dichlorobenzene	6.786	146	264969	38.727	ng	98
13) 1,4-Dichlorobenzene	6.863	146	272205	39.389	ng	99
14) 1,2-Dichlorobenzene	7.016	146	264327	40.840	ng	98
15) Benzyl Alcohol	6.986	79	188152	31.391	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	458870	43.097	ng	97
17) 2-Methylphenol	7.098	107	187183	32.571	ng	98
18) Hexachloroethane	7.351	117	99914	38.992	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	230842	46.818	ng	98
20) 3+4-Methylphenols	7.251	107	204391	29.316	ng	# 75
22) Acetophenone	7.257	105	448143	49.151	ng	# 91
24) Nitrobenzene	7.433	77	352742	46.935	ng	98
25) Isophorone	7.663	82	618331	45.746	ng	98
26) 2-Nitrophenol	7.745	139	165159	45.810	ng	98
27) 2,4-Dimethylphenol	7.780	122	234006	41.004	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	355861	45.468	ng	99
29) 2,4-Dichlorophenol	7.986	162	251449	44.433	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	245483	42.040	ng	100
31) Naphthalene	8.151	128	821442	42.419	ng	99
32) Benzoic acid	7.875	122	62651	14.650	ng	93
33) 4-Chloroaniline	8.198	127	172038	20.768	ng	98
34) Hexachlorobutadiene	8.263	225	152081	41.287	ng	100
35) Caprolactam	8.563	113	16234m	8.712	ng	
36) 4-Chloro-3-methylphenol	8.675	107	266154	41.865	ng	96
37) 2-Methylnaphthalene	8.839	142	567281	41.425	ng	99
38) 1-Methylnaphthalene	8.939	142	532545	41.831	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	270691	47.014	ng	99
41) Hexachlorocyclopentadiene	8.992	237	215807	79.005	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	182783	46.634	ng	98

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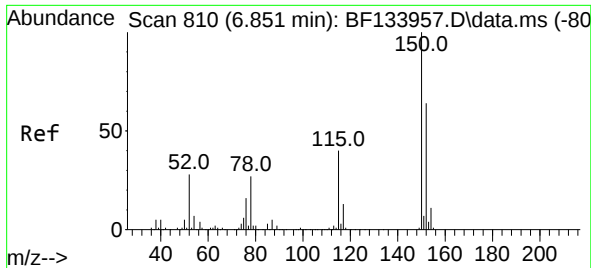
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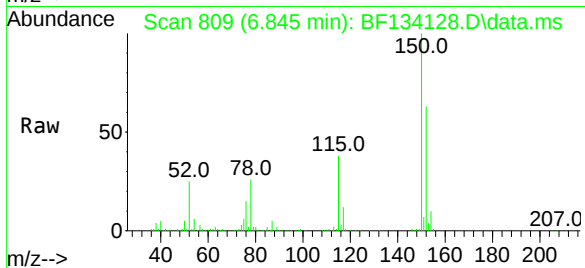
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	198634	43.083	ng	99
46) 1,1'-Biphenyl	9.304	154	730599	46.865	ng	98
47) 2-Chloronaphthalene	9.333	162	535206	46.922	ng	99
48) 2-Nitroaniline	9.433	65	187883	45.197	ng	92
49) Acenaphthylene	9.745	152	883153	45.325	ng	99
50) Dimethylphthalate	9.610	163	647436	45.893	ng	99
51) 2,6-Dinitrotoluene	9.674	165	145174	47.778	ng	92
52) Acenaphthene	9.922	154	524258	46.369	ng	98
53) 3-Nitroaniline	9.845	138	107823	29.579	ng	98
54) 2,4-Dinitrophenol	9.957	184	158078	89.598	ng	96
55) Dibenzofuran	10.092	168	796847	45.097	ng	97
56) 4-Nitrophenol	10.004	139	79999	31.375	ng	93
57) 2,4-Dinitrotoluene	10.080	165	191037	47.608	ng	91
58) Fluorene	10.439	166	619828	45.089	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	166105m	45.674	ng	
60) Diethylphthalate	10.310	149	666685	45.360	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	297062	44.841	ng	98
62) 4-Nitroaniline	10.463	138	130722	35.584	ng	96
63) Azobenzene	10.592	77	640328	46.057	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	108536	54.186	ng	90
66) n-Nitrosodiphenylamine	10.551	169	551785	47.007	ng	98
67) 4-Bromophenyl-phenylether	10.921	248	186243	47.694	ng	95
68) Hexachlorobenzene	10.986	284	213167	51.413	ng	98
69) Atrazine	11.080	200	173843	53.541	ng	99
70) Pentachlorophenol	11.186	266	197958	79.852	ng	97
71) Phenanthrene	11.404	178	882385	47.709	ng	99
72) Anthracene	11.457	178	895357	46.543	ng	100
73) Carbazole	11.616	167	847119	48.110	ng	99
74) Di-n-butylphthalate	11.945	149	969865	46.318	ng	100
75) Fluoranthene	12.604	202	900607	45.041	ng	98
77) Benzidine	12.727	184	140501	29.271	ng	99
78) Pyrene	12.833	202	904980	48.204	ng	99
80) Butylbenzylphthalate	13.451	149	343054	48.722	ng	96
81) Benzo(a)anthracene	14.027	228	654450	46.778	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	146484	33.048	ng	99
83) Chrysene	14.068	228	633512	46.751	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	400982	49.562	ng	99
85) Di-n-octyl phthalate	14.639	149	582384	48.989	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	737311	53.028	ng	98
88) Benzo(b)fluoranthene	15.098	252	604832	51.334	ng	99
89) Benzo(k)fluoranthene	15.133	252	556913	46.424	ng	98
90) Benzo(a)pyrene	15.480	252	510414	44.799	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	607715	53.511	ng	97
92) Benzo(g,h,i)perylene	17.562	276	611350	52.201	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134128.D
 Acq: 07 Jul 2023 09:37

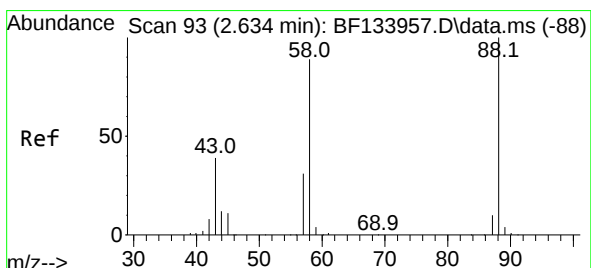
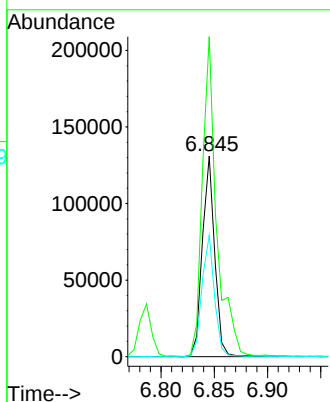
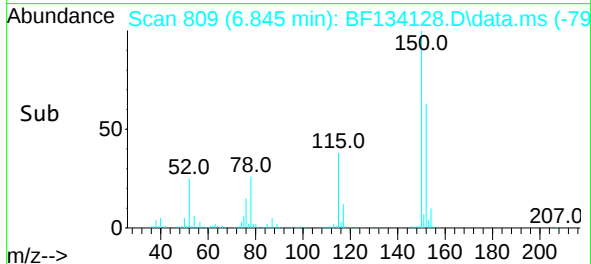
Instrument :
 BNA_F
 ClientSampleId :
 TW-1MS



Tgt Ion:152 Resp: 105754
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.5 186.7
 115 60.5 50.2 75.2

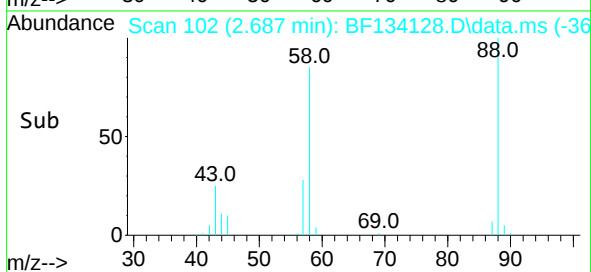
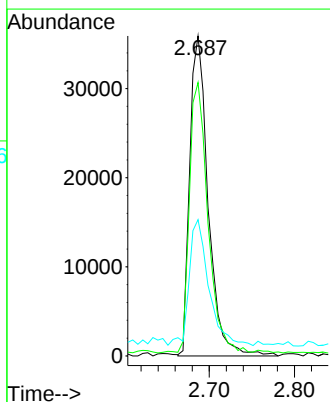
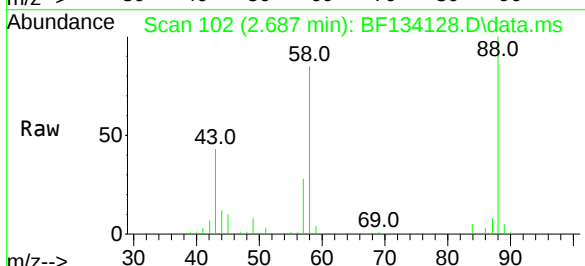
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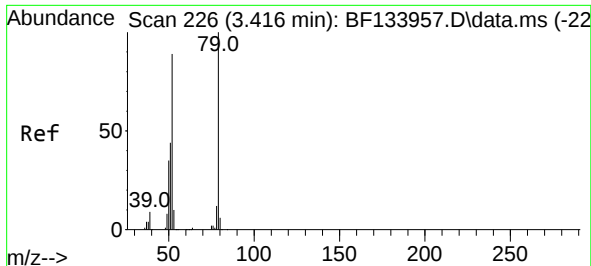
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023



#2
 1,4-Dioxane
 Concen: 20.737 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.041 min
 Lab File: BF134128.D
 Acq: 07 Jul 2023 09:37

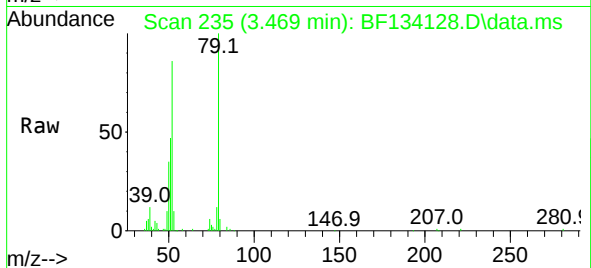
Tgt Ion: 88 Resp: 54056
 Ion Ratio Lower Upper
 88 100
 58 84.8 68.8 103.2
 43 41.6 30.7 46.1





#3
Pyridine
Concen: 15.924 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

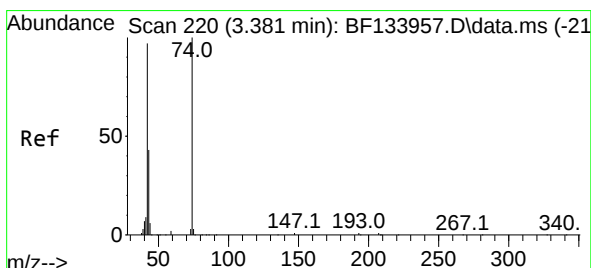
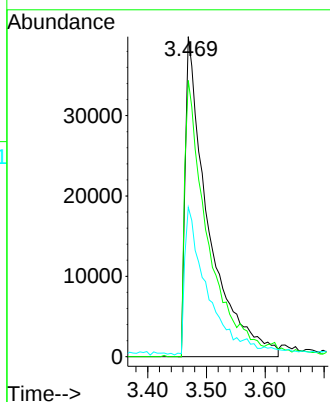
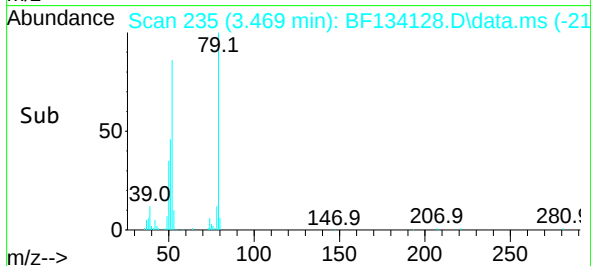
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion: 79 Resp: 10812
Ion Ratio Lower Upper
79 100
52 86.3 71.1 106.7
51 46.7 35.2 52.8

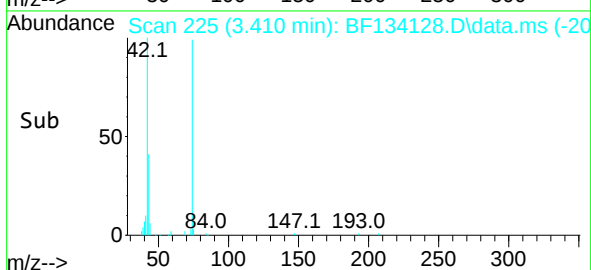
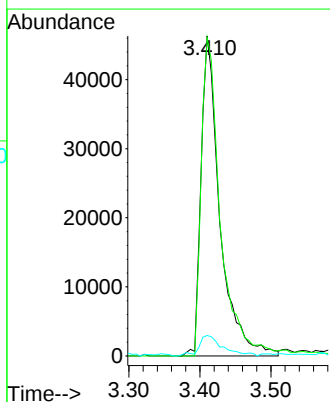
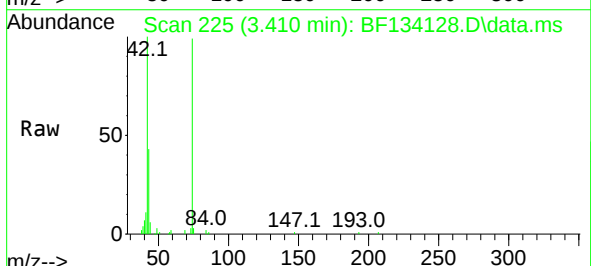
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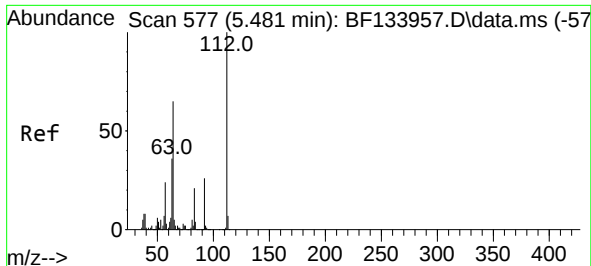
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#4
n-Nitrosodimethylamine
Concen: 22.040 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

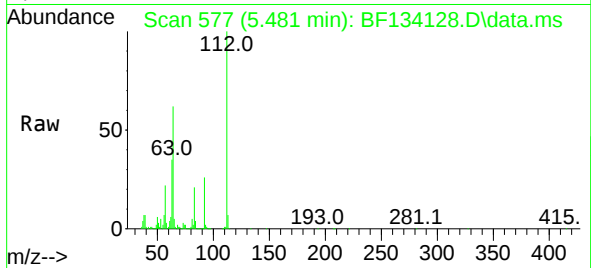
Tgt Ion: 42 Resp: 85471
Ion Ratio Lower Upper
42 100
74 99.4 82.4 123.6
44 6.4 4.9 7.3





#5
2-Fluorophenol
Concen: 67.788 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

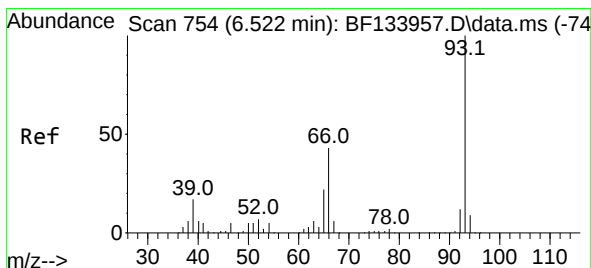
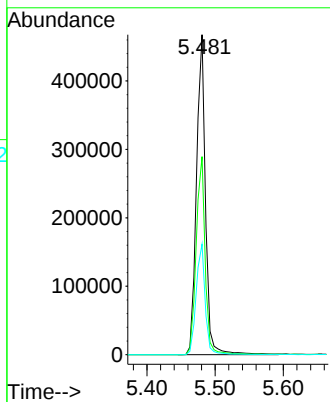
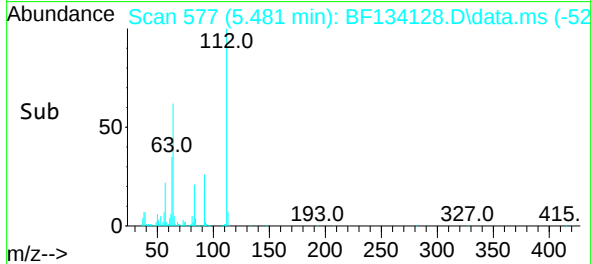
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 42856
Ion Ratio Lower Upper
112 100
64 61.9 52.1 78.1
63 34.6 28.6 42.8

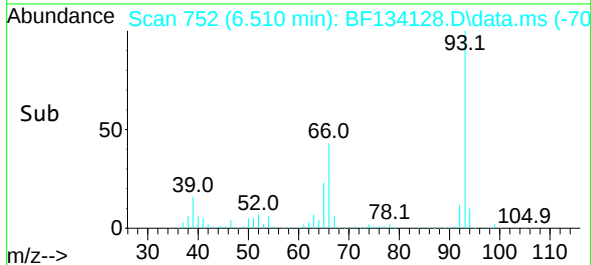
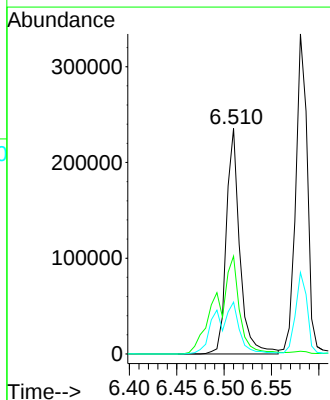
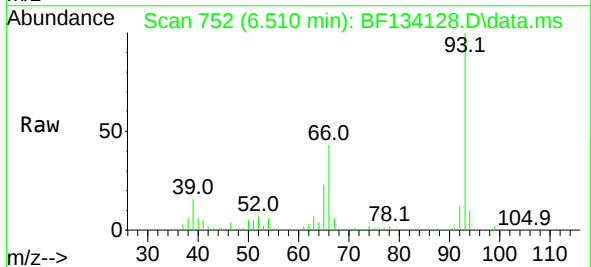
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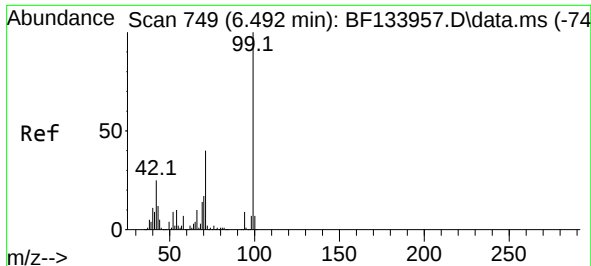
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#6
Aniline
Concen: 24.616 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Tgt Ion: 93 Resp: 232896
Ion Ratio Lower Upper
93 100
66 43.4 34.5 51.7
65 23.0 17.8 26.6





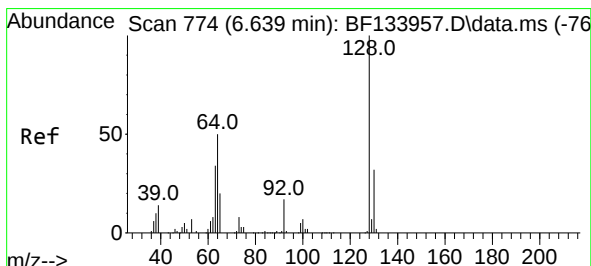
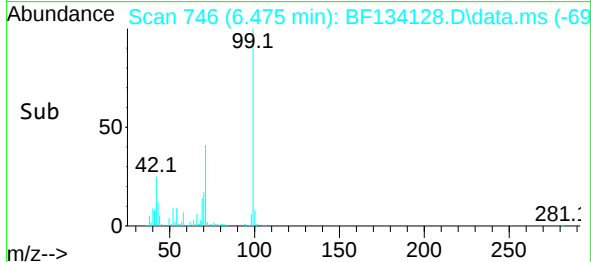
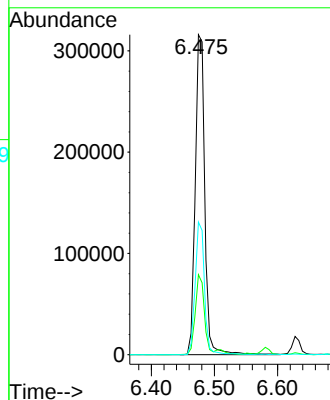
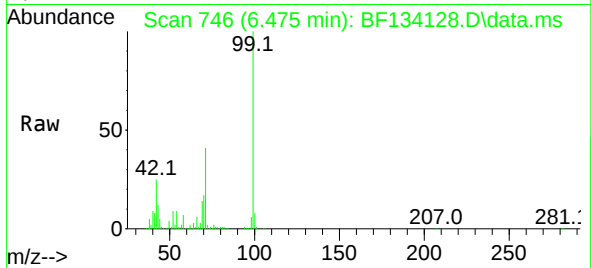
#7
Phenol-d6
Concen: 42.684 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :
BNA_F
ClientSampleId :
TW-1MS

Tgt Ion: 99 Resp: 33186
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 41.5 31.9 47.9

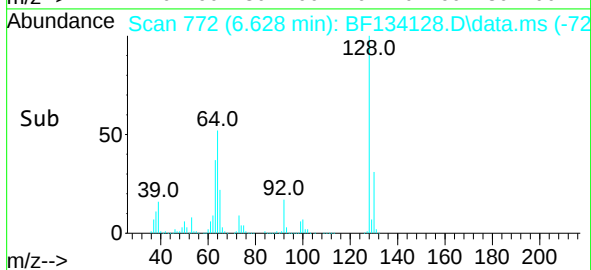
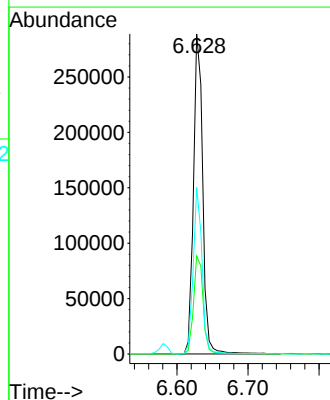
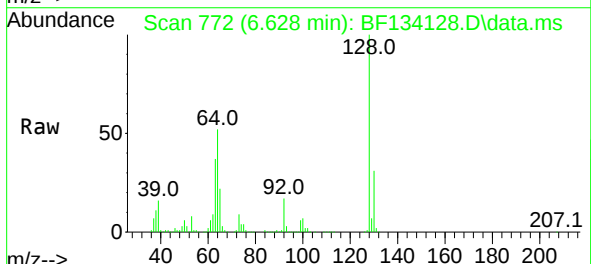
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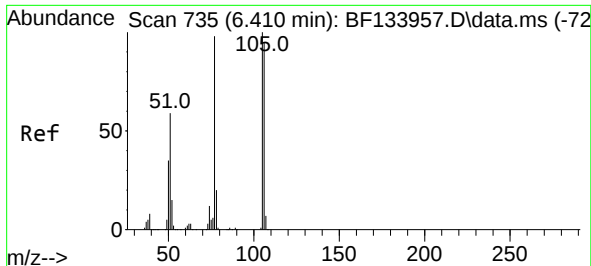
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#8
2-Chlorophenol
Concen: 40.883 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

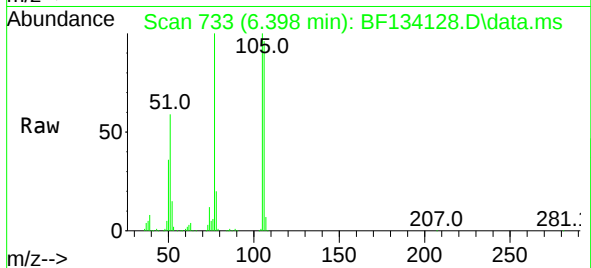
Tgt Ion:128 Resp: 262375
Ion Ratio Lower Upper
128 100
130 30.7 11.7 51.7
64 52.0 31.3 71.3





#9
Benzaldehyde
Concen: 32.920 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

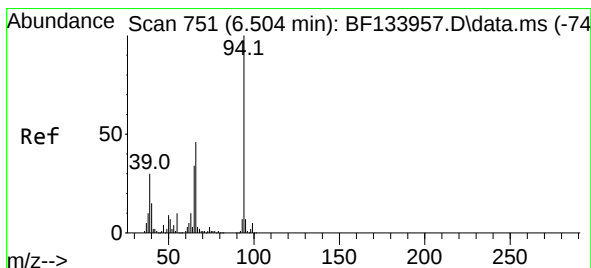
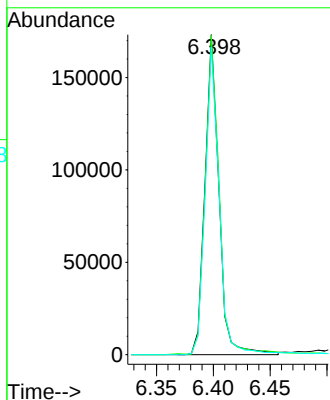
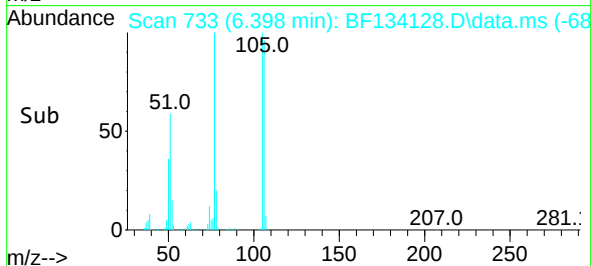
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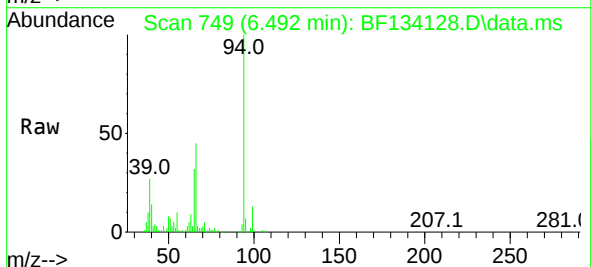
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Ion Ratio Lower Upper
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106 96.1 76.9 116.9

Manual Integrations
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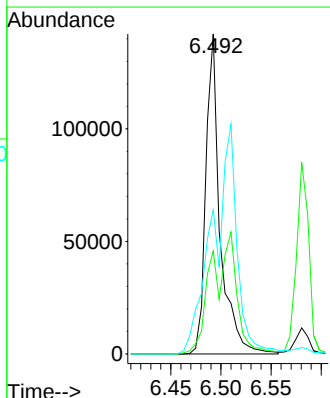
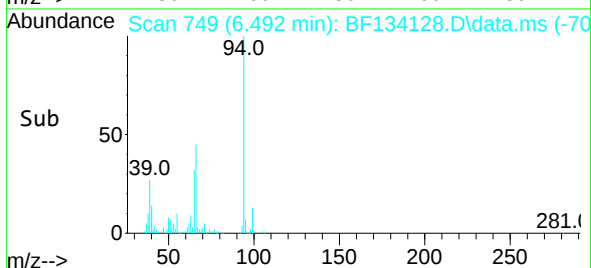
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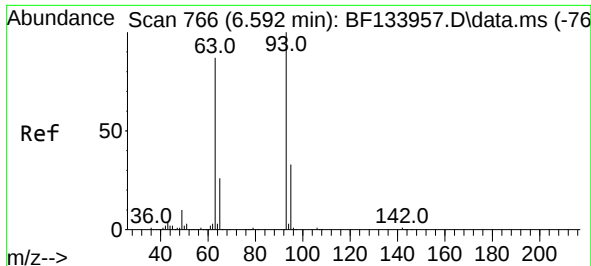


#10
Phenol
Concen: 17.252 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion: 94 Resp: 141028
Ion Ratio Lower Upper
94 100
65 32.2 14.2 54.2
66 45.1 26.4 66.4





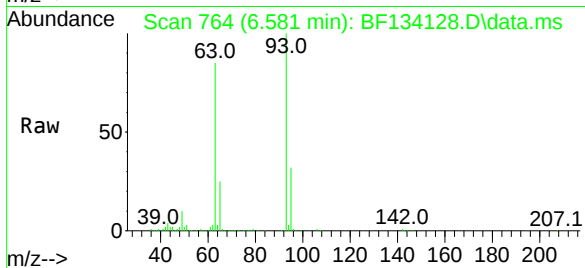
#11
bis(2-Chloroethyl)ether
Concen: 46.238 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

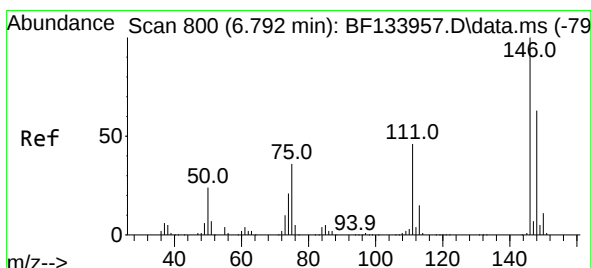
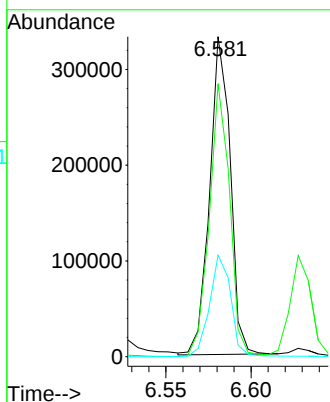
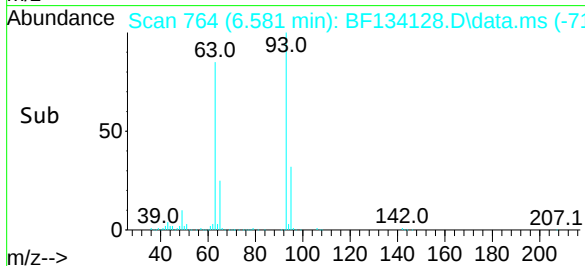
TW-1MS



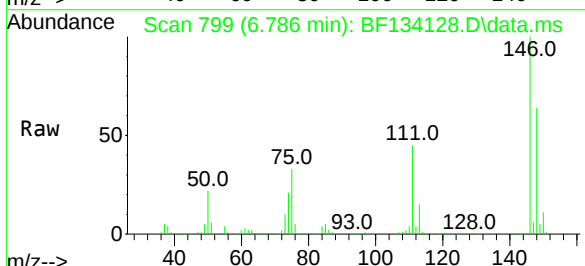
Tgt Ion: 93 Resp: 27828
Ion Ratio Lower Upper
93 100
63 85.3 66.5 106.5
95 31.7 12.9 52.9

Manual Integrations
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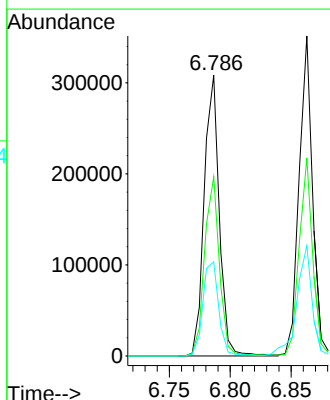
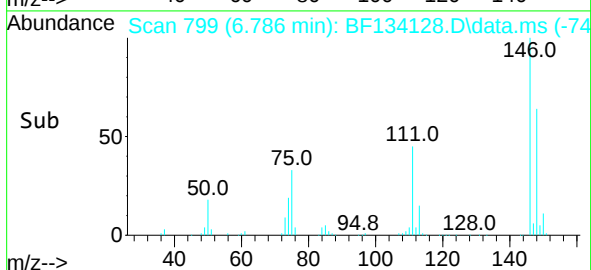
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

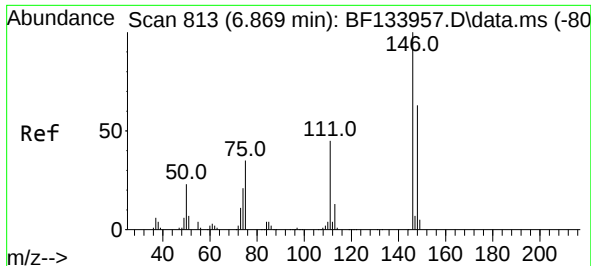


#12
1,3-Dichlorobenzene
Concen: 38.727 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion:146 Resp: 264969
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 33.5 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 39.389 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

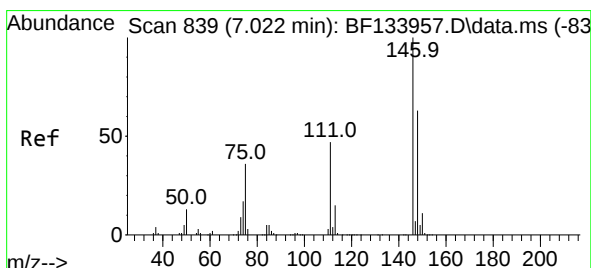
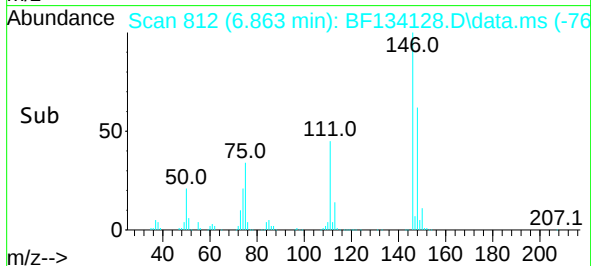
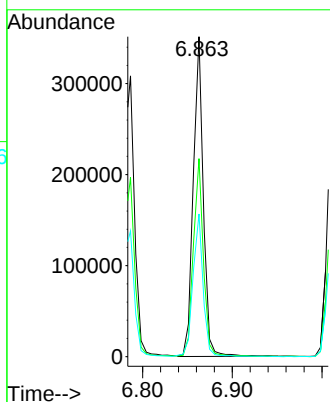
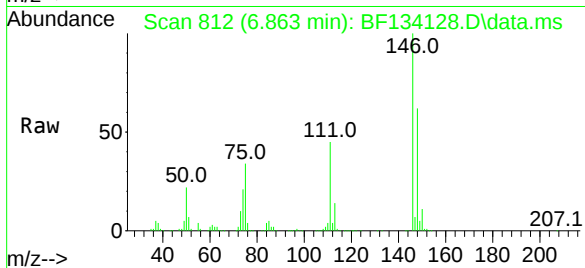
Tgt Ion:146 Resp: 272205
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.2 75.2
 111 44.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#14

1,2-Dichlorobenzene

Concen: 40.840 ng

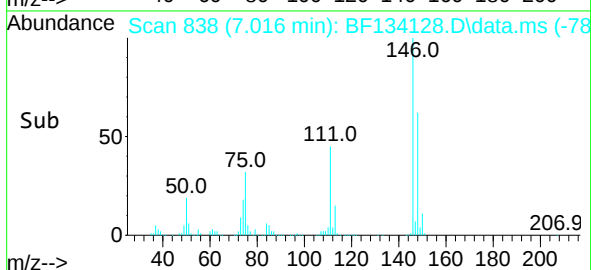
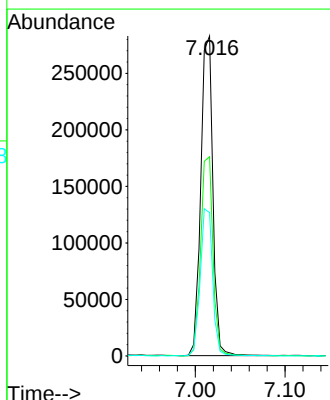
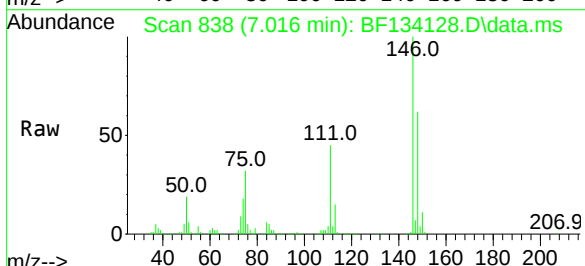
RT: 7.016 min Scan# 838

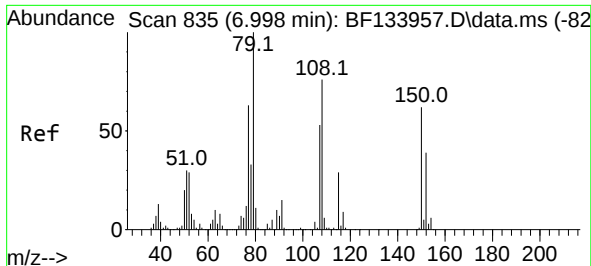
Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

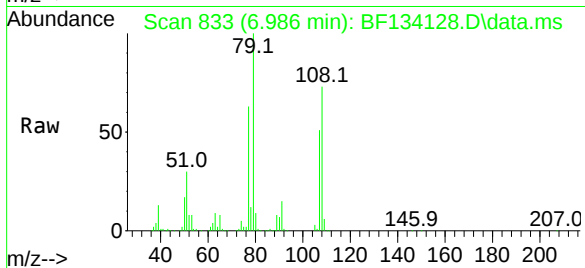
Tgt Ion:146 Resp: 264327
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.6 76.0
 111 44.8 38.0 57.0





#15
Benzyl Alcohol
Concen: 31.391 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

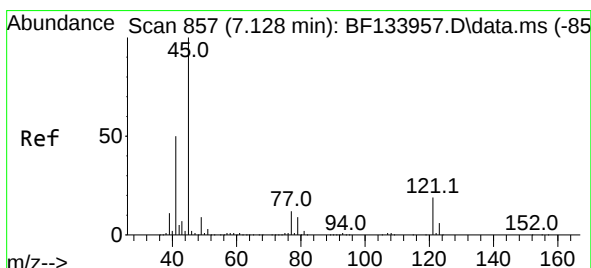
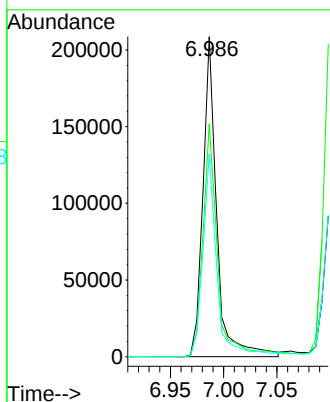
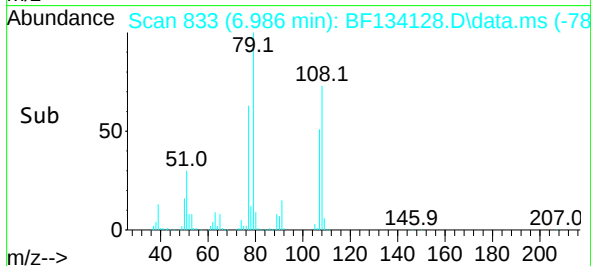
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion: 79 Resp: 188152
Ion Ratio Lower Upper
79 100
108 72.8 60.7 91.1
77 63.4 50.6 75.8

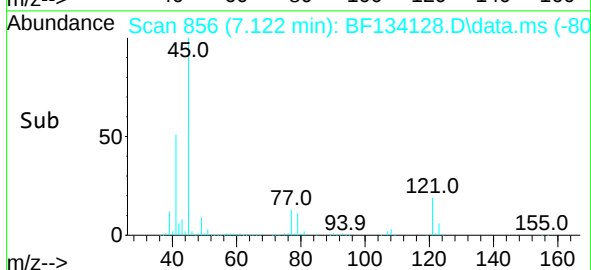
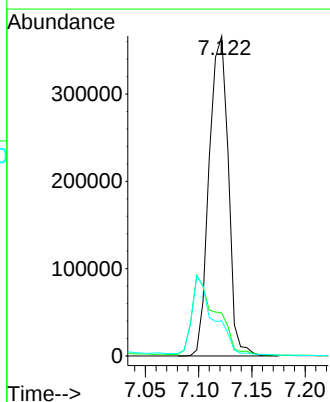
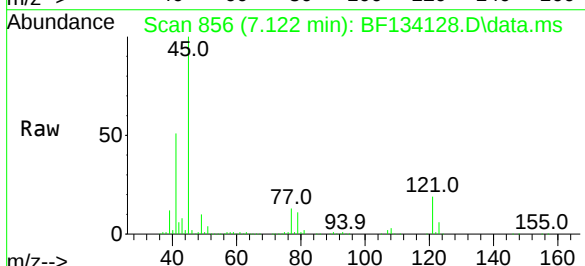
Manual Integrations
APPROVED

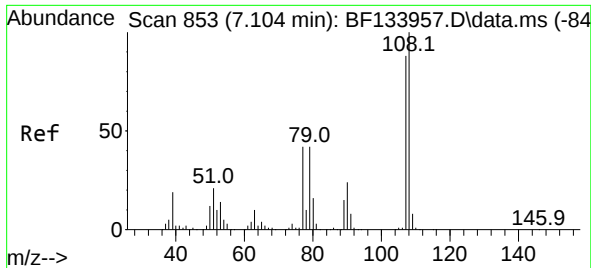
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.097 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

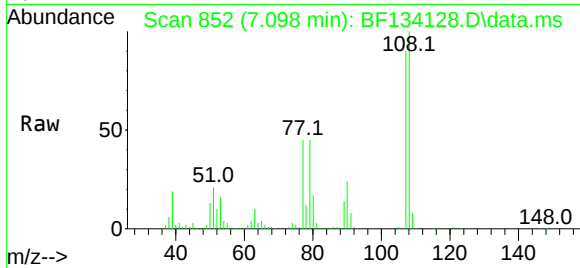
Tgt Ion: 45 Resp: 458870
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.9
79 11.0 0.0 29.5





#17
2-Methylphenol
Concen: 32.571 ng
RT: 7.098 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

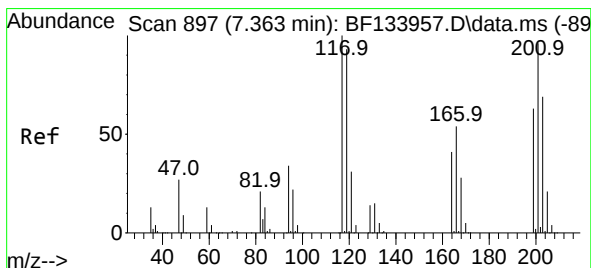
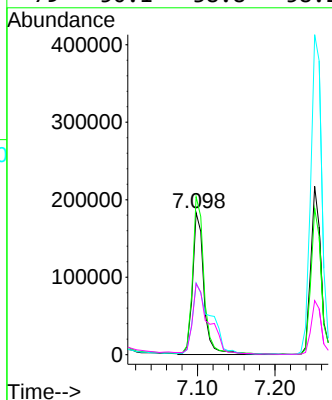
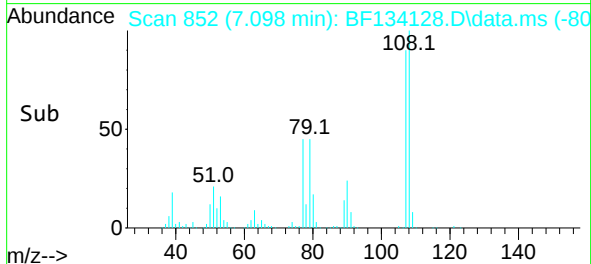
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion:107 Resp: 18718
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 50.5 38.3 57.5
79 50.1 38.8 58.2

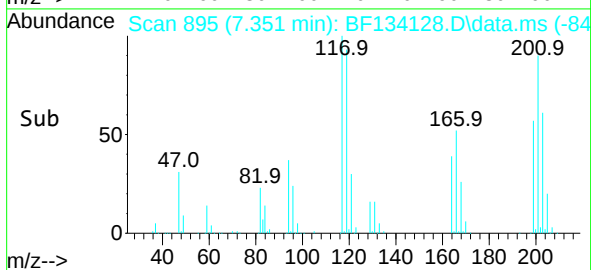
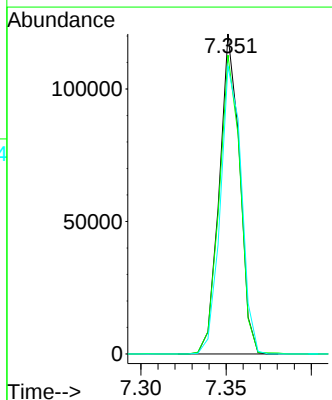
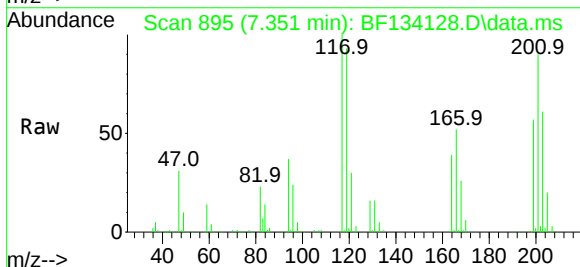
Manual Integrations
APPROVED

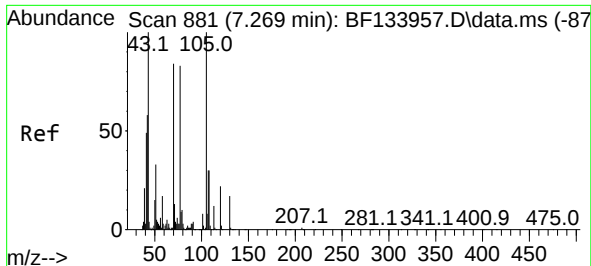
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#18
Hexachloroethane
Concen: 38.992 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

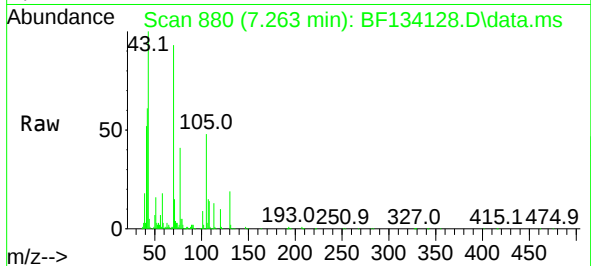
Tgt Ion:117 Resp: 99914
Ion Ratio Lower Upper
117 100
119 93.4 74.2 111.4
201 89.9 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.818 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

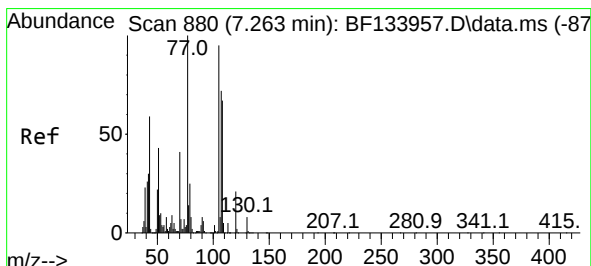
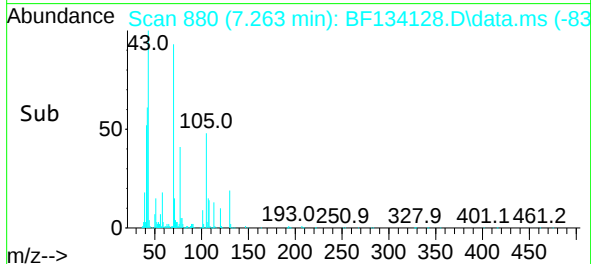
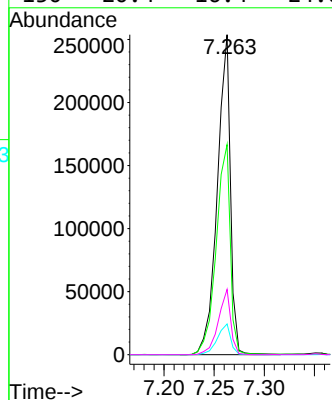
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion: 70 Resp: 23084
Ion Ratio Lower Upper
70 100
42 65.7 54.7 82.1
101 9.6 7.7 11.5
130 20.4 16.4 24.6

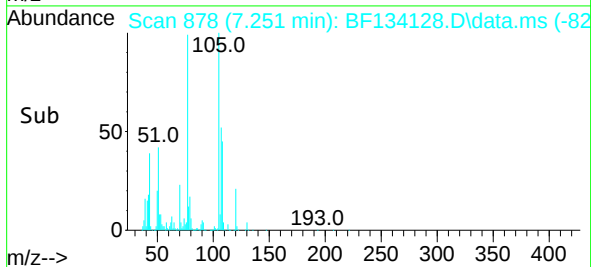
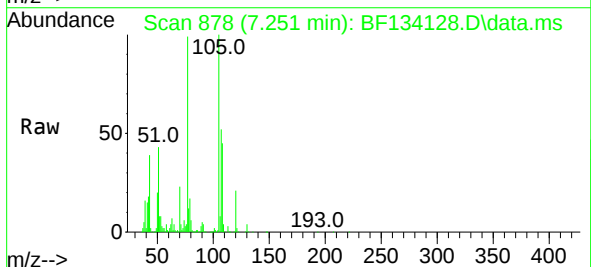
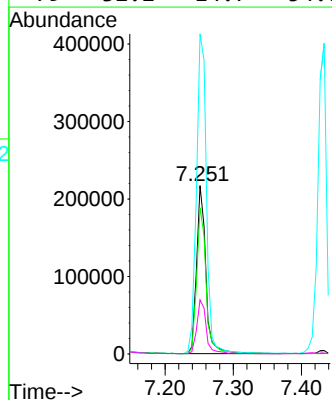
Manual Integrations
APPROVED

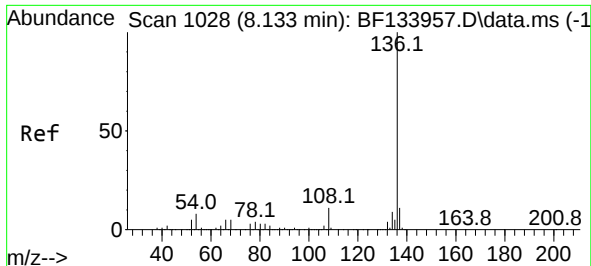
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#20
3+4-Methylphenols
Concen: 29.316 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Tgt Ion:107 Resp: 204391
Ion Ratio Lower Upper
107 100
108 86.8 73.2 113.2
77 190.0 118.3 158.3#
79 32.2 14.7 54.7





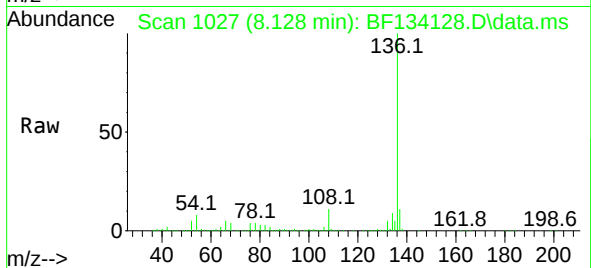
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS



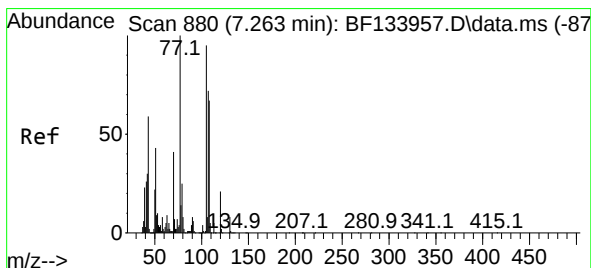
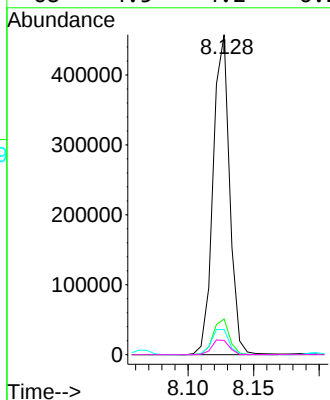
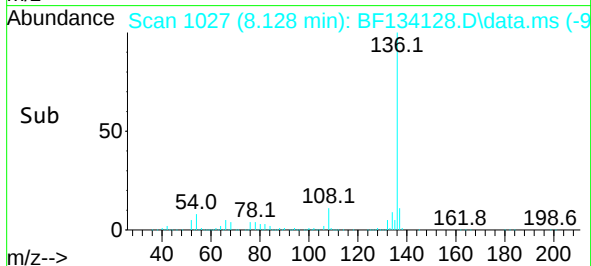
Tgt Ion:136 Resp: 400909
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.9 6.5 9.7
68 4.5 4.2 6.2

Manual Integrations

APPROVED

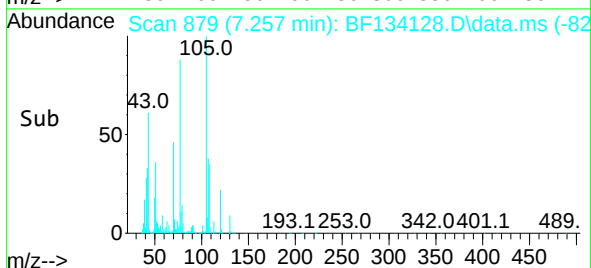
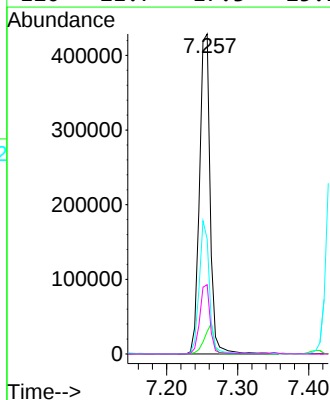
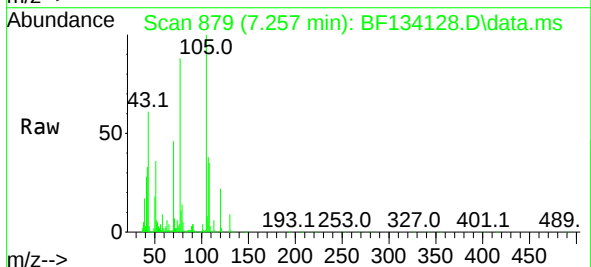
Reviewed By :Yogesh Patel 07/07/2023

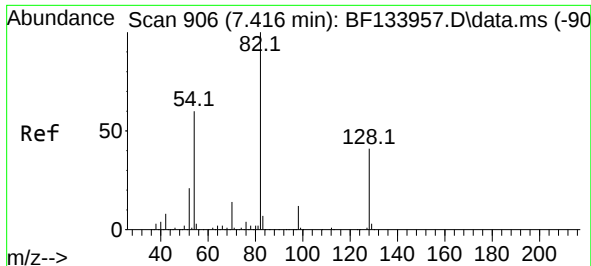
Supervised By :mohammad ahmed 07/09/2023



#22
Acetophenone
Concen: 49.151 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Tgt Ion:105 Resp: 448143
Ion Ratio Lower Upper
105 100
71 7.0 5.5 8.3
51 35.9 36.5 54.7#
120 21.7 17.3 25.9





#23
Nitrobenzene-d5
Concen: 94.464 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

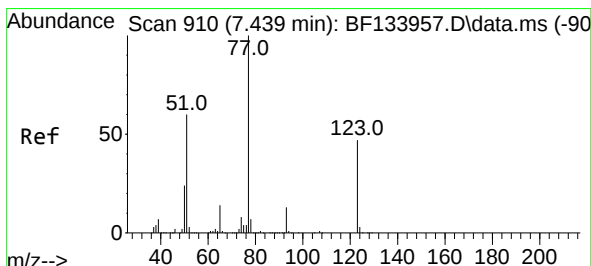
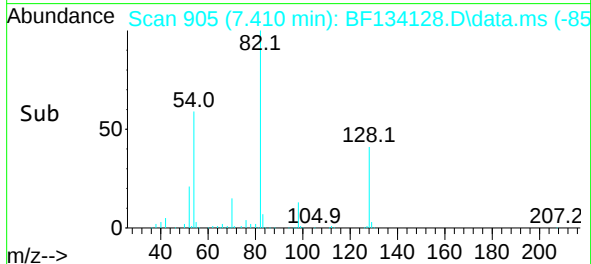
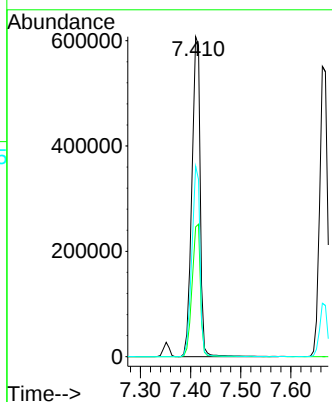
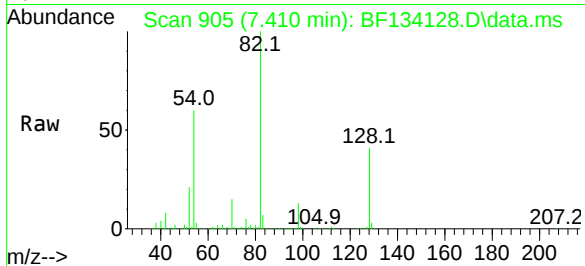
ClientSampleId :

TW-1MS

Tgt Ion: 82 Resp: 70255
Ion Ratio Lower Upper
82 100
128 40.6 32.5 48.7
54 59.6 48.2 72.2

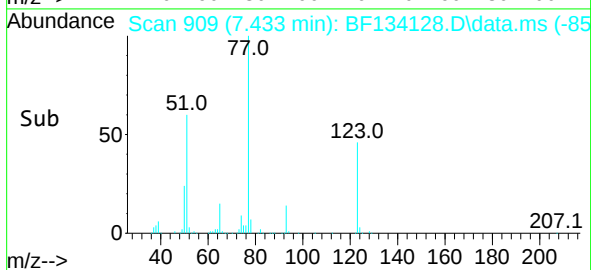
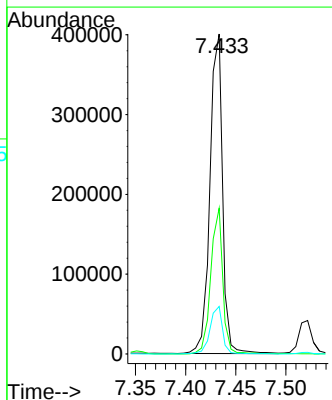
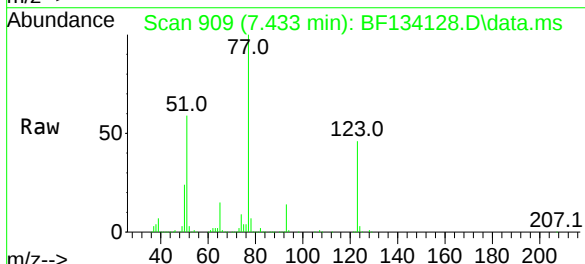
Manual Integrations
APPROVED

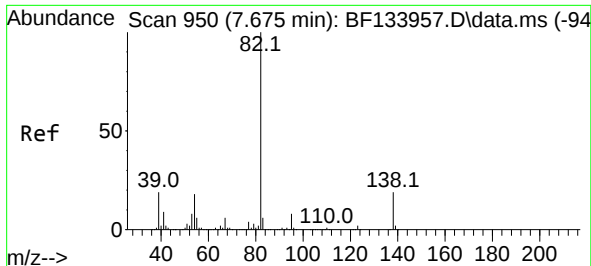
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#24
Nitrobenzene
Concen: 46.935 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

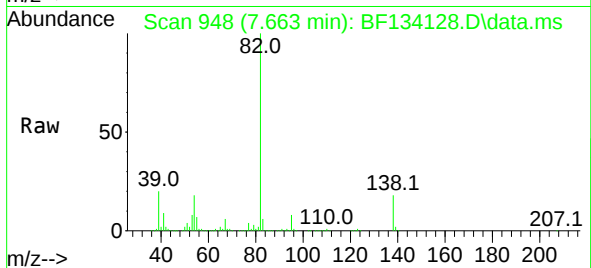
Tgt Ion: 77 Resp: 352742
Ion Ratio Lower Upper
77 100
123 45.6 37.8 56.6
65 14.9 11.3 16.9





#25
Isophorone
Concen: 45.746 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

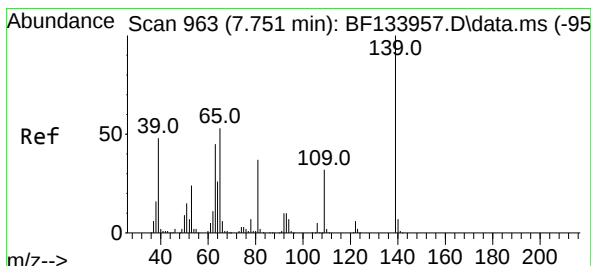
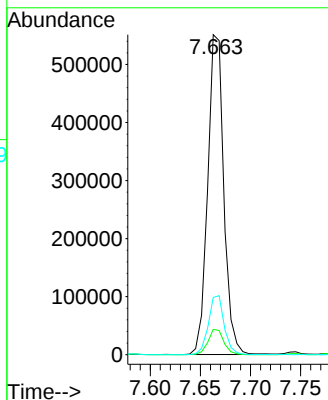
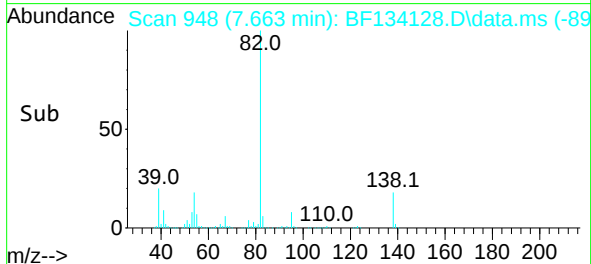
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion: 82 Resp: 61833
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.9 15.2 22.8

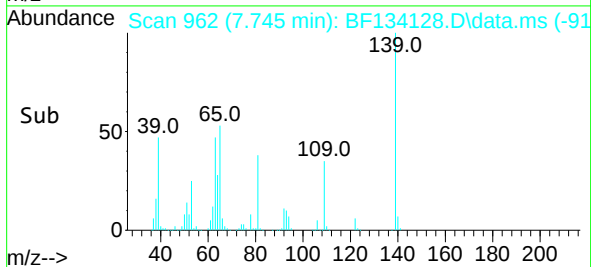
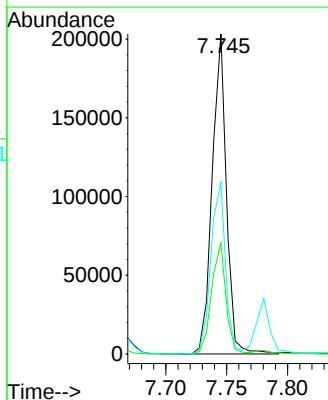
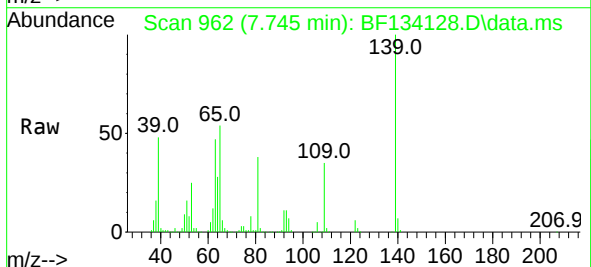
Manual Integrations
APPROVED

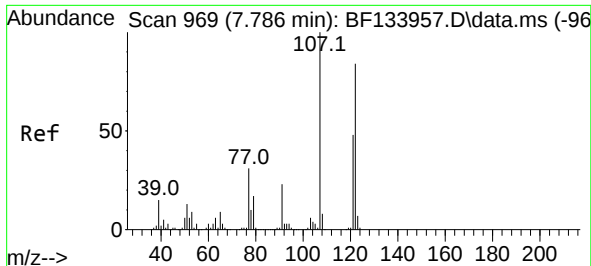
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#26
2-Nitrophenol
Concen: 45.810 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Tgt Ion:139 Resp: 165159
Ion Ratio Lower Upper
139 100
109 34.6 25.8 38.8
65 53.7 42.4 63.6





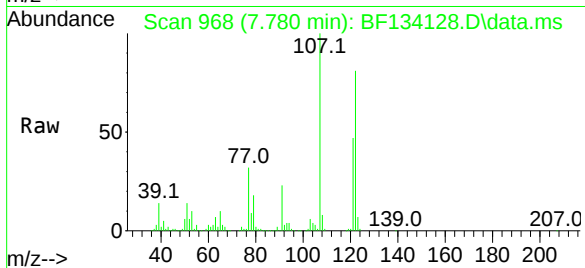
#27
2,4-Dimethylphenol
Concen: 41.004 ng
RT: 7.780 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS



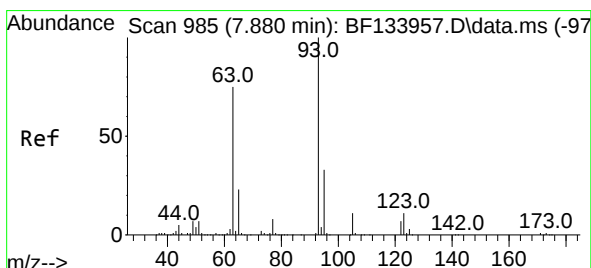
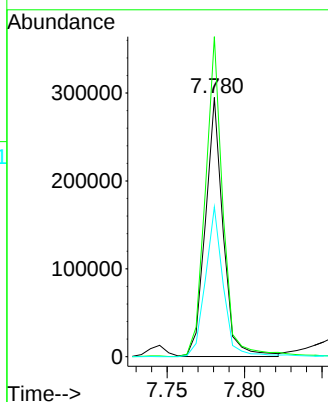
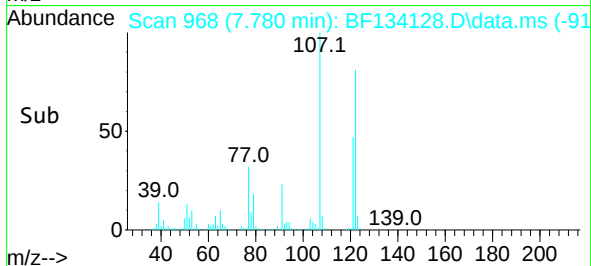
Tgt Ion:122 Resp: 234000
Ion Ratio Lower Upper
122 100
107 123.5 95.5 143.3
121 57.8 45.5 68.3

Manual Integrations

APPROVED

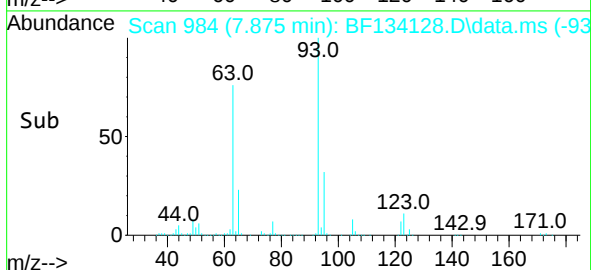
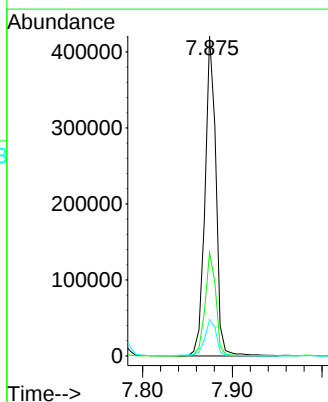
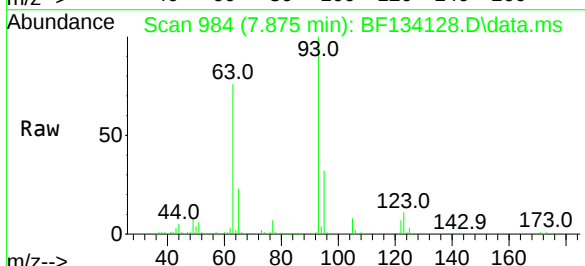
Reviewed By :Yogesh Patel 07/07/2023

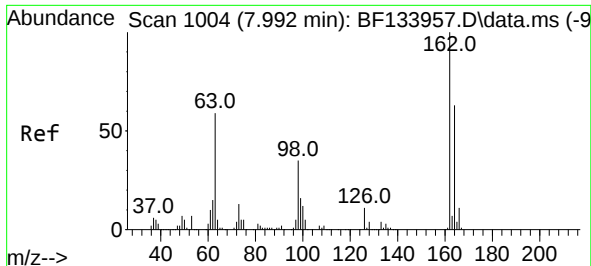
Supervised By :mohammad ahmed 07/09/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.468 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Tgt Ion: 93 Resp: 355861
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.433 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

Tgt Ion:162 Resp: 251449

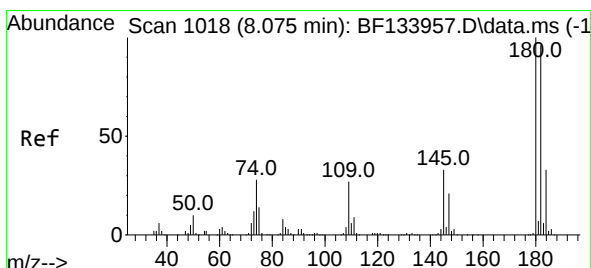
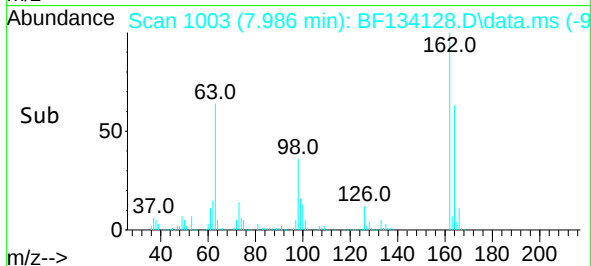
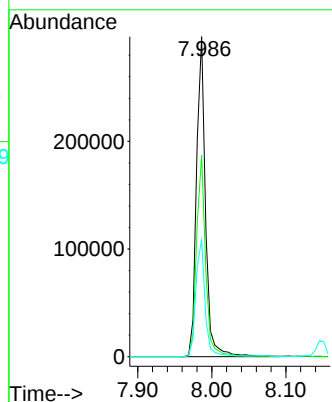
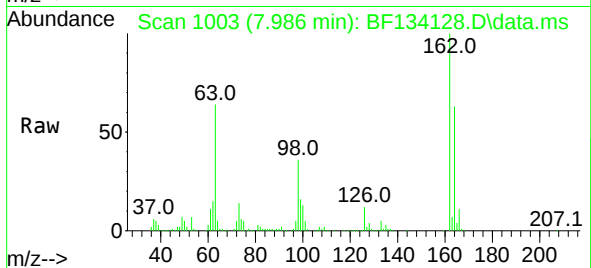
Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	36.4	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.040 ng

RT: 8.069 min Scan# 1017

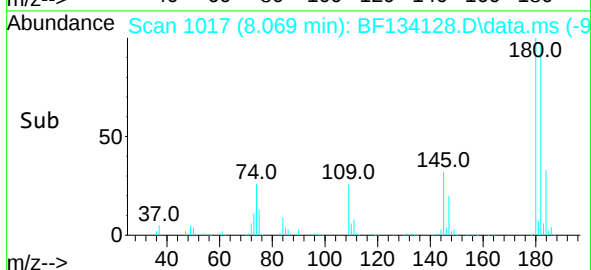
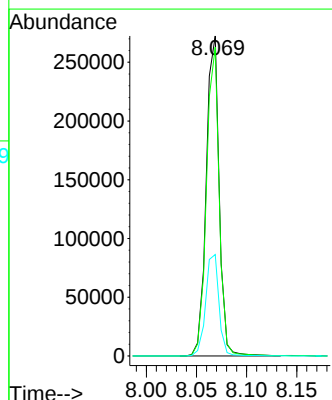
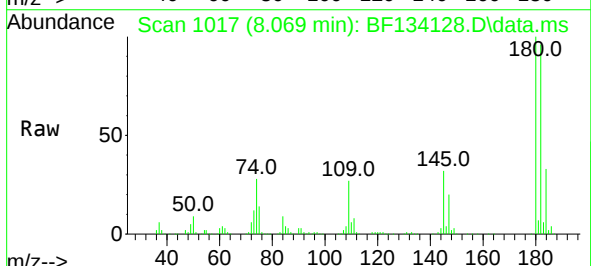
Delta R.T. -0.006 min

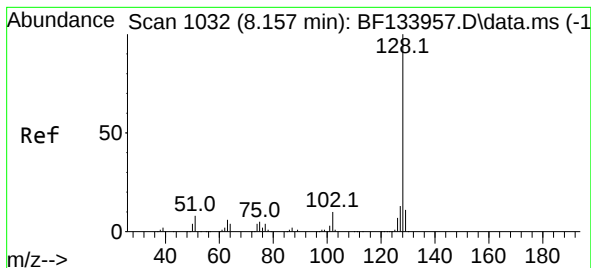
Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Tgt Ion:180 Resp: 245483

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.1	115.7
145	31.7	26.0	39.0





#31

Naphthalene

Concen: 42.419 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

Tgt Ion:128 Resp: 82144

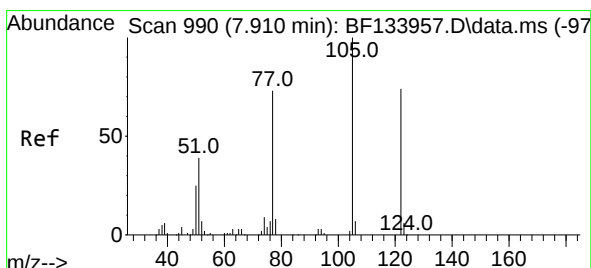
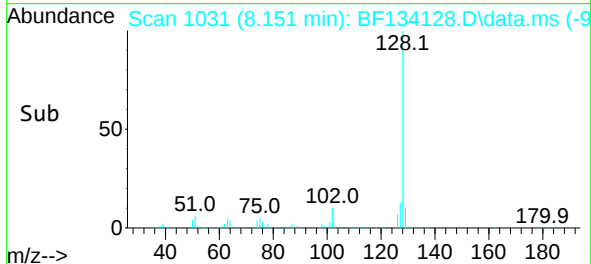
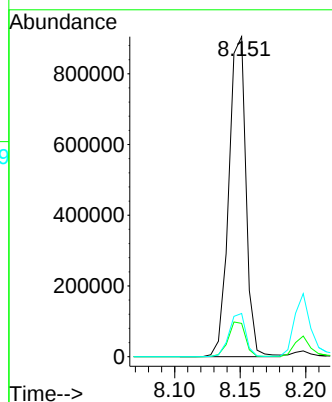
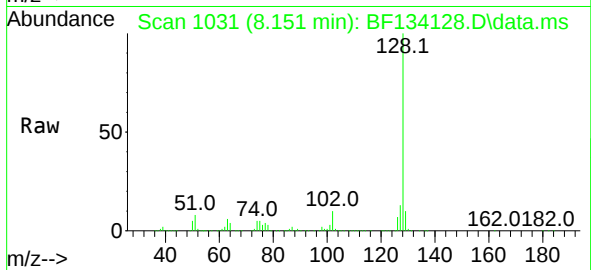
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	13.5	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#32

Benzoic acid

Concen: 14.650 ng

RT: 7.875 min Scan# 984

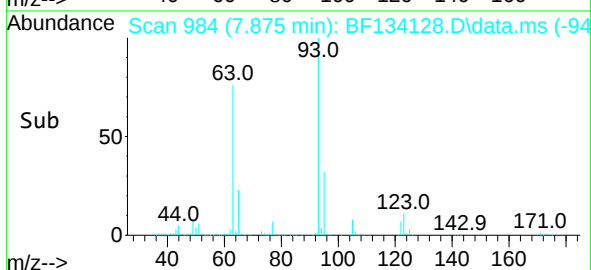
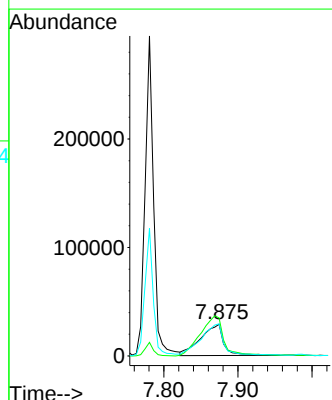
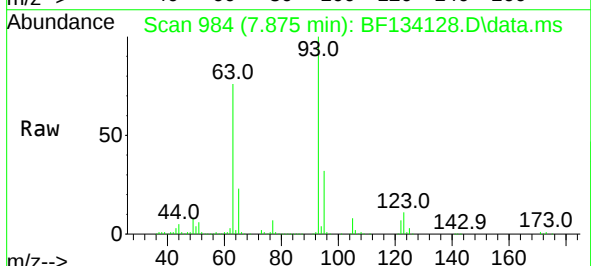
Delta R.T. -0.041 min

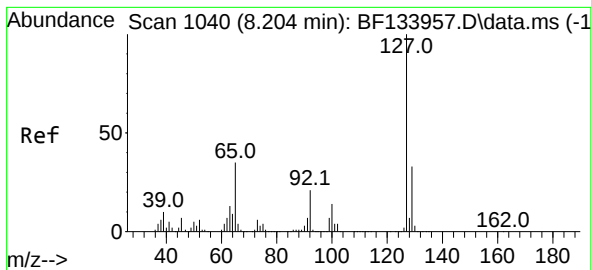
Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Tgt Ion:122 Resp: 62651

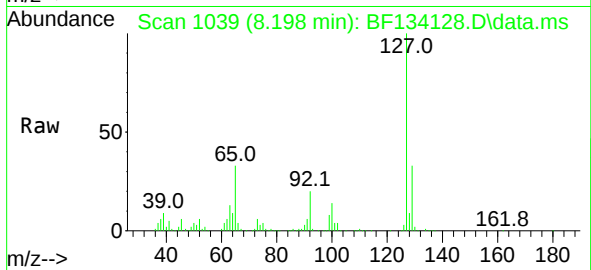
Ion	Ratio	Lower	Upper
122	100		
105	120.0	109.7	149.7
77	101.3	76.0	116.0





#33
4-Chloroaniline
Concen: 20.768 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

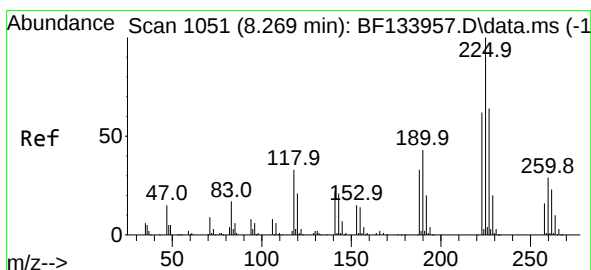
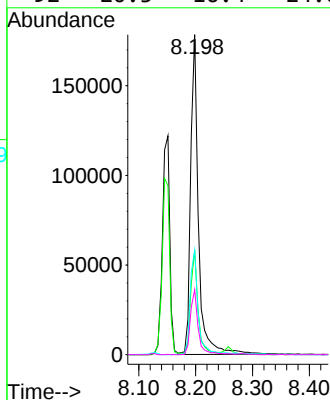
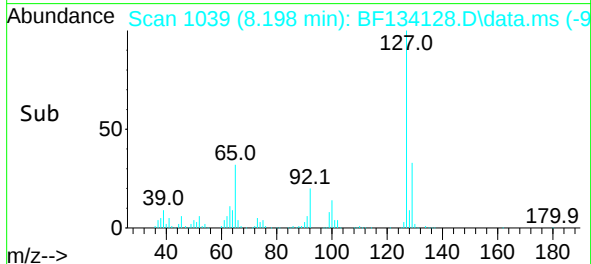
Instrument :
BNA_F
ClientSampleId :
TW-1MS



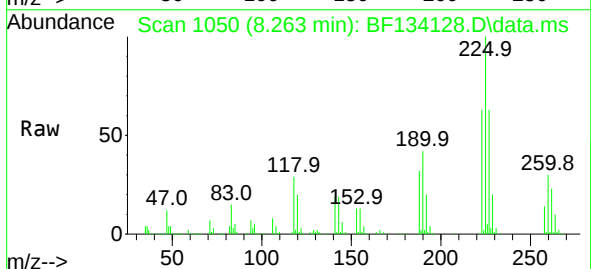
Tgt Ion:127 Resp: 172038
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6
65 32.6 27.8 41.8
92 20.3 16.4 24.6

Manual Integrations
APPROVED

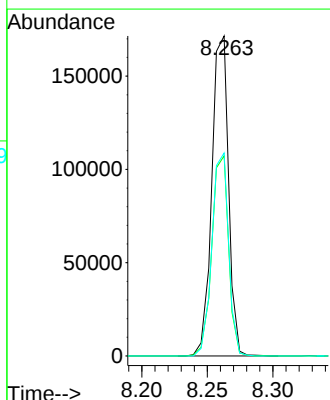
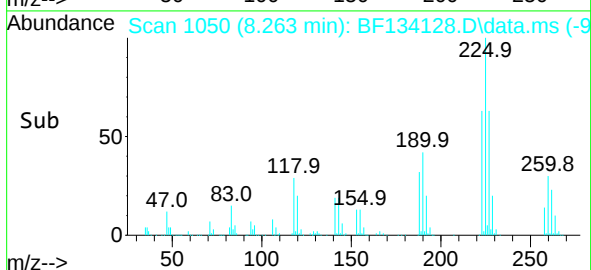
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

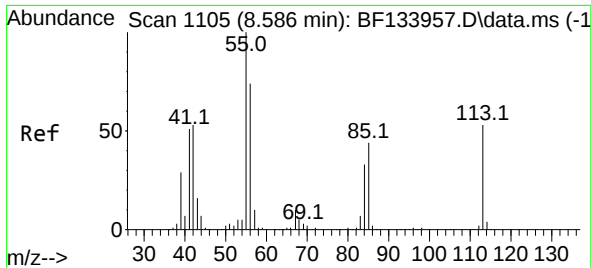


#34
Hexachlorobutadiene
Concen: 41.287 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



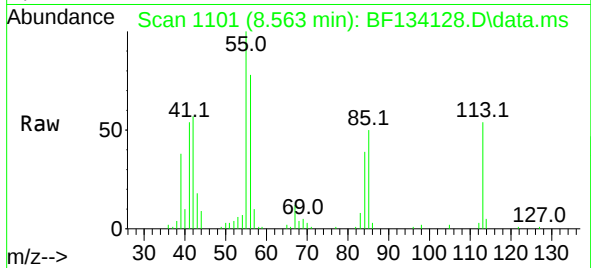
Tgt Ion:225 Resp: 152081
Ion Ratio Lower Upper
225 100
223 62.5 49.8 74.8
227 63.5 51.0 76.4





#35
 Caprolactam
 Concen: 8.712 ng m
 RT: 8.563 min Scan# 1105
 Delta R.T. -0.030 min
 Lab File: BF134128.D
 Acq: 07 Jul 2023 09:37

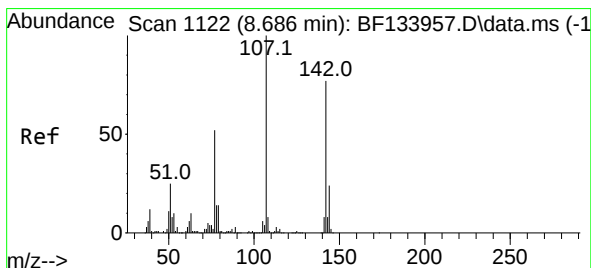
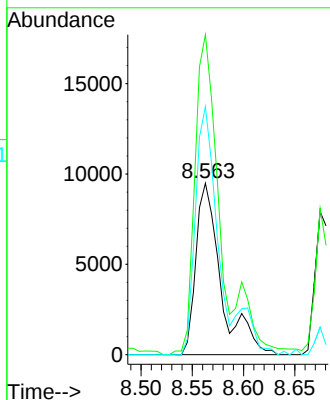
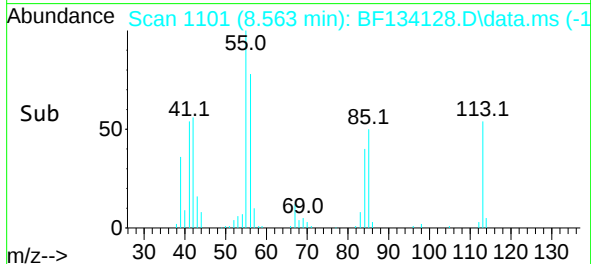
Instrument :
 BNA_F
 ClientSampleId :
 TW-1MS



Tgt Ion:113 Resp: 16234
 Ion Ratio Lower Upper
 113 100
 55 186.5 170.2 210.2
 56 144.6 121.4 161.4

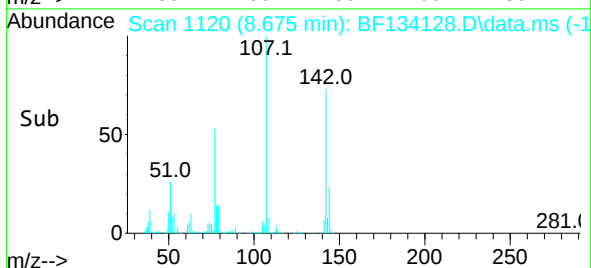
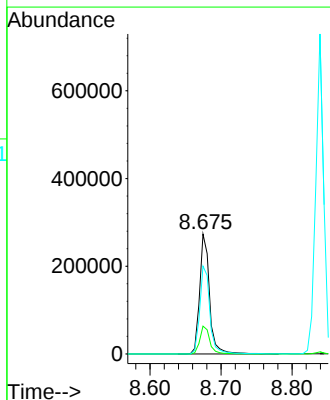
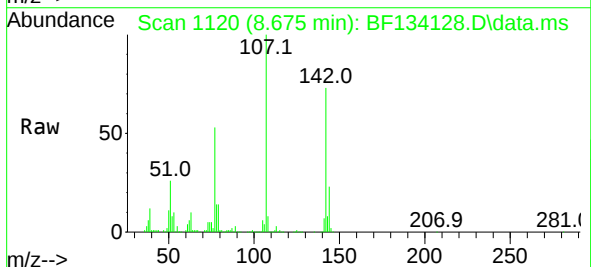
Manual Integrations
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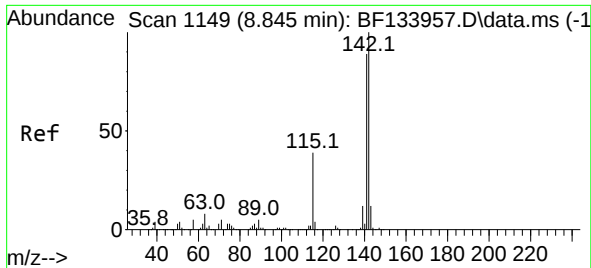
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.865 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. -0.012 min
 Lab File: BF134128.D
 Acq: 07 Jul 2023 09:37

Tgt Ion:107 Resp: 266154
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.6 29.4
 142 73.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.425 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

Tgt Ion:142 Resp: 56728

Ion Ratio Lower Upper

142 100

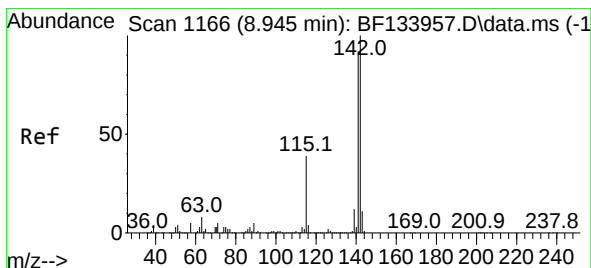
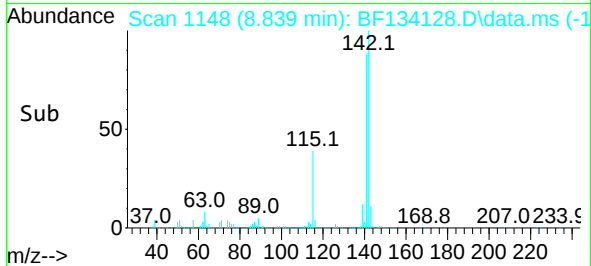
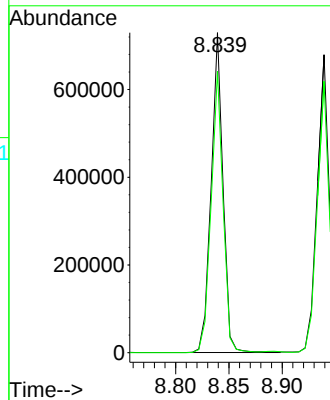
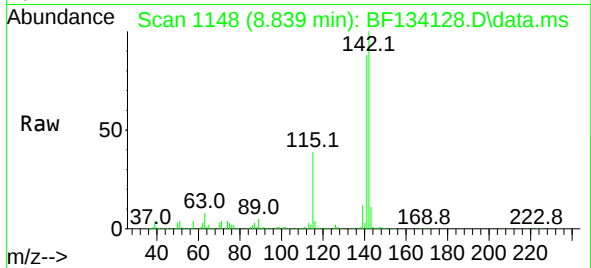
141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#38

1-Methylnaphthalene

Concen: 41.831 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134128.D

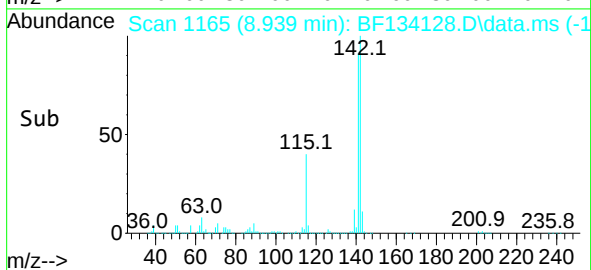
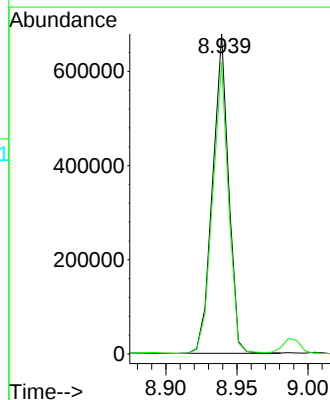
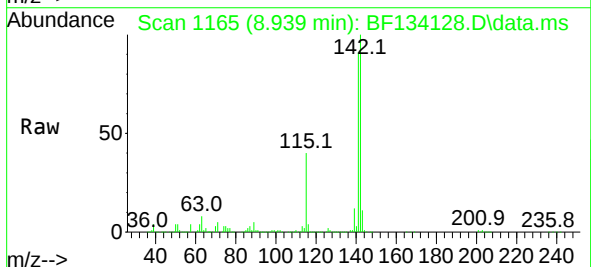
Acq: 07 Jul 2023 09:37

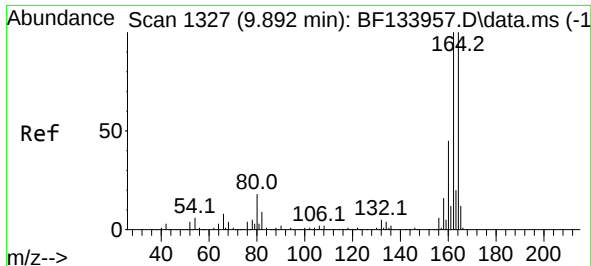
Tgt Ion:142 Resp: 532545

Ion Ratio Lower Upper

142 100

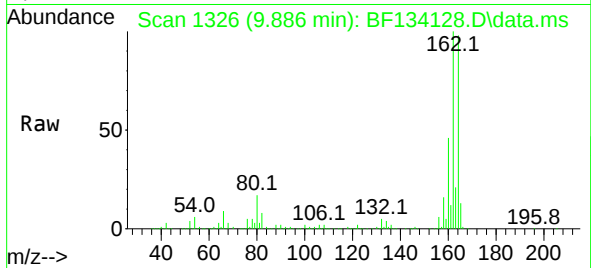
141 91.1 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

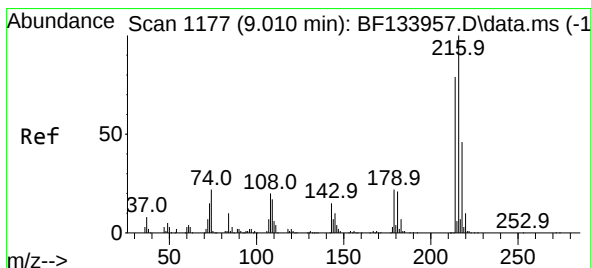
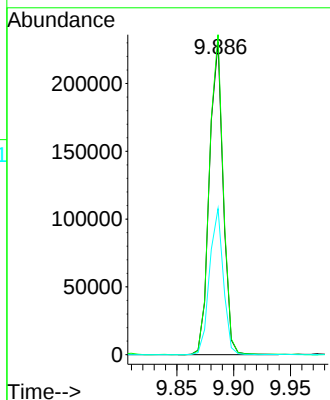
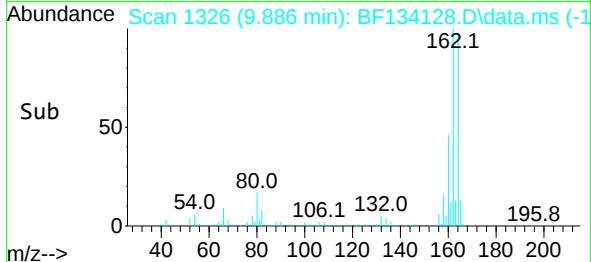
Instrument :
BNA_F
ClientSampleId :
TW-1MS



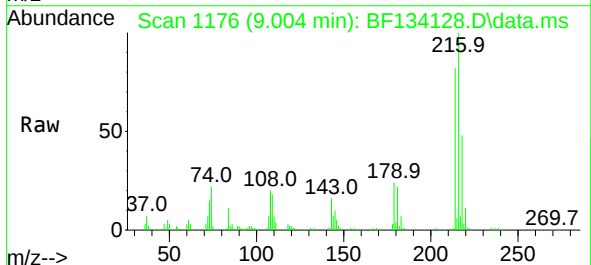
Tgt Ion:164 Resp: 19434
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 46.7 35.9 53.9

Manual Integrations
APPROVED

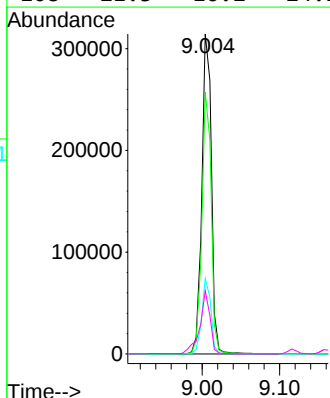
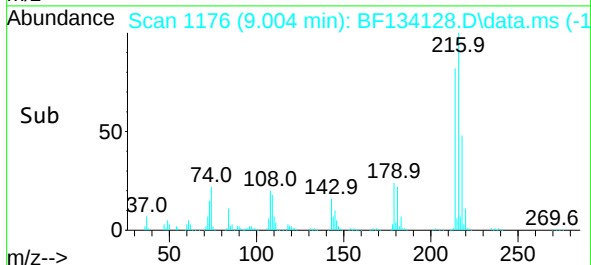
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.014 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



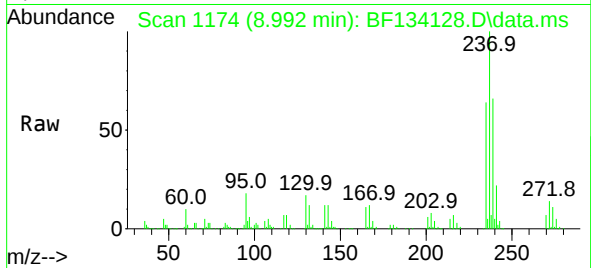
Tgt Ion:216 Resp: 270691
Ion Ratio Lower Upper
216 100
214 79.6 64.1 96.1
179 22.3 17.3 25.9
108 21.3 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 79.005 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

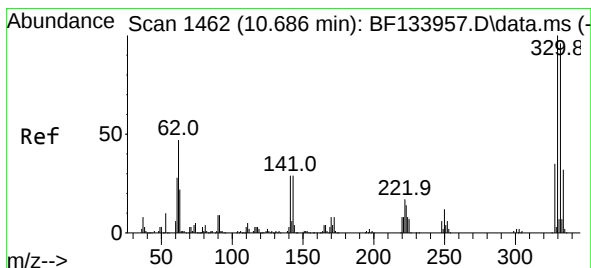
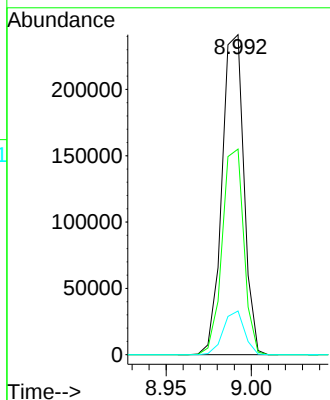
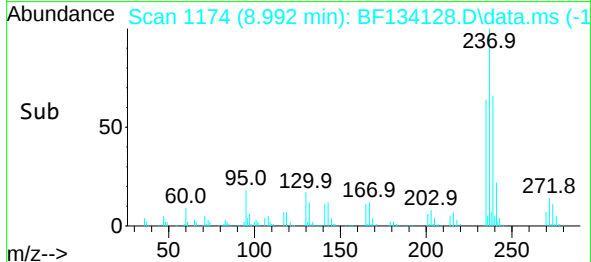
Instrument :
BNA_F
ClientSampleId :
TW-1MS



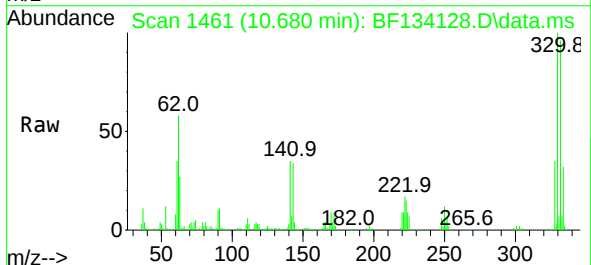
Tgt Ion:237 Resp: 21580
Ion Ratio Lower Upper
237 100
235 64.2 42.8 82.8
272 13.7 0.0 34.6

Manual Integrations
APPROVED

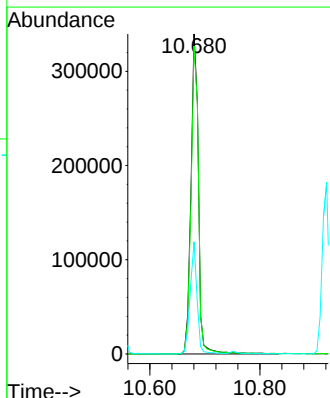
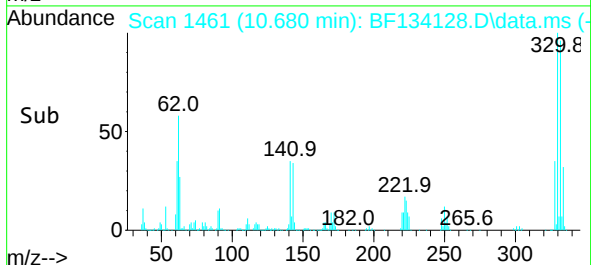
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

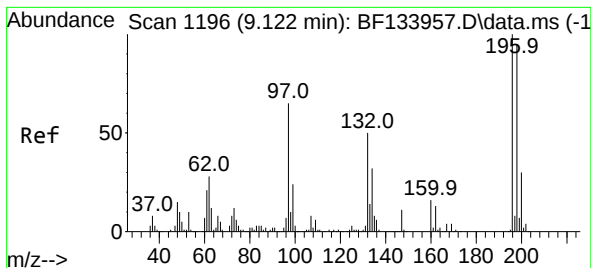


#42
2,4,6-Tribromophenol
Concen: 130.510 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion:330 Resp: 318010
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 32.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 46.634 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

Tgt Ion:196 Resp: 18278

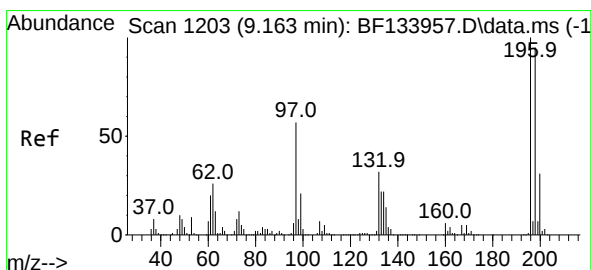
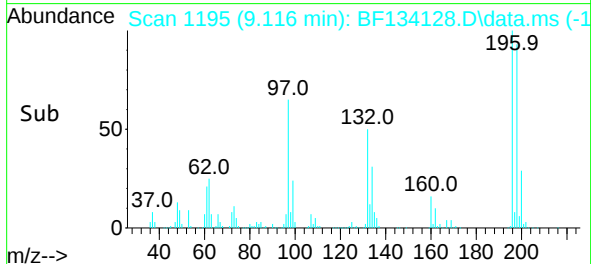
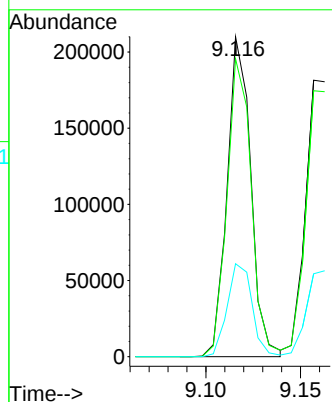
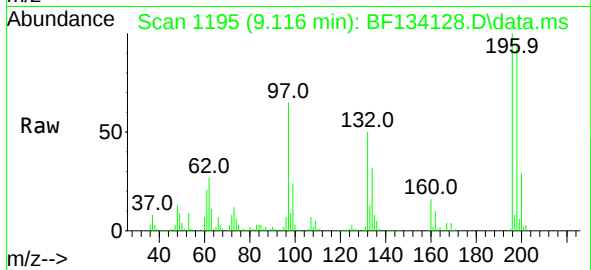
Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.6	113.4
200	29.1	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#44

2,4,5-Trichlorophenol

Concen: 43.083 ng

RT: 9.157 min Scan# 1202

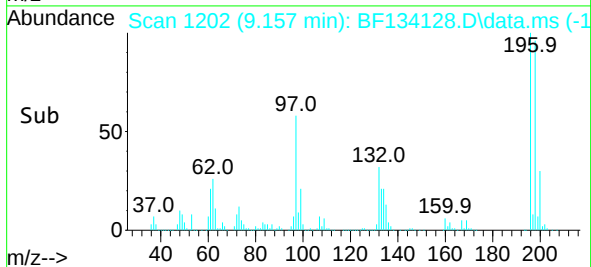
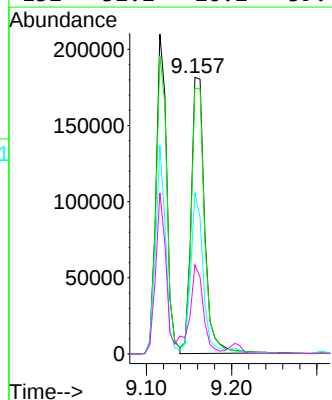
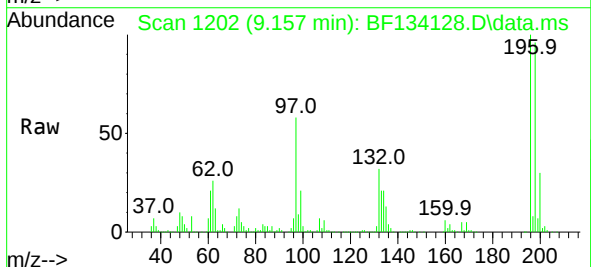
Delta R.T. -0.012 min

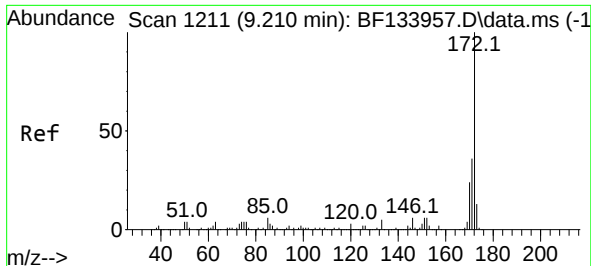
Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Tgt Ion:196 Resp: 198634

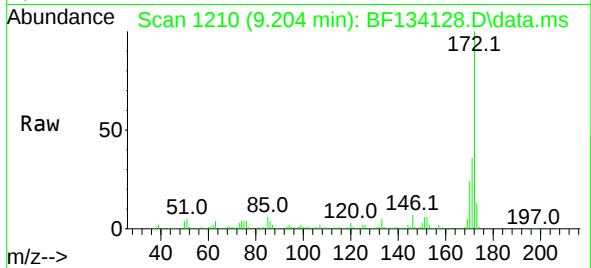
Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
97	58.2	45.8	68.6
132	32.2	26.2	39.4





#45
2-Fluorobiphenyl
Concen: 90.109 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

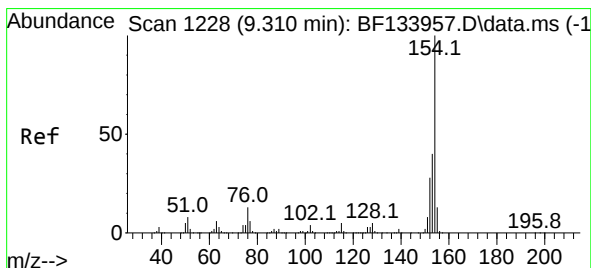
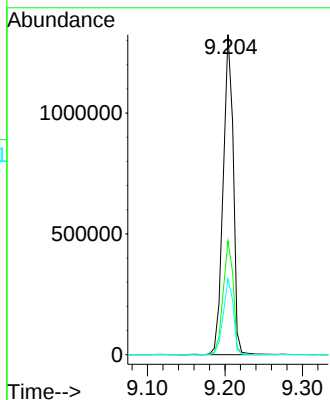
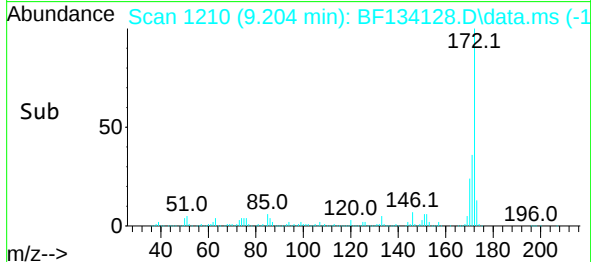
Instrument :
BNA_F
ClientSampleId :
TW-1MS



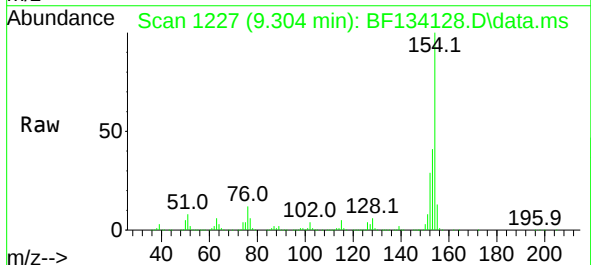
Tgt Ion:172 Resp: 1204490
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 19.4 29.0

Manual Integrations
APPROVED

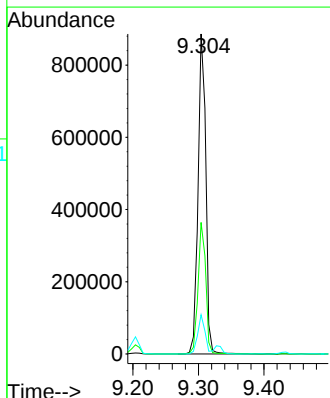
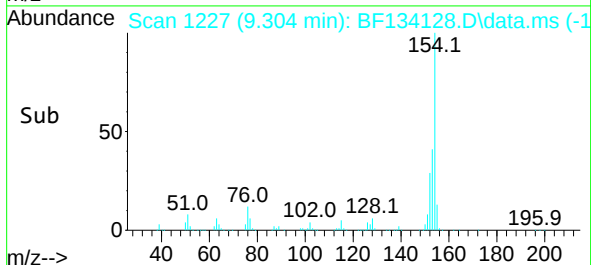
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

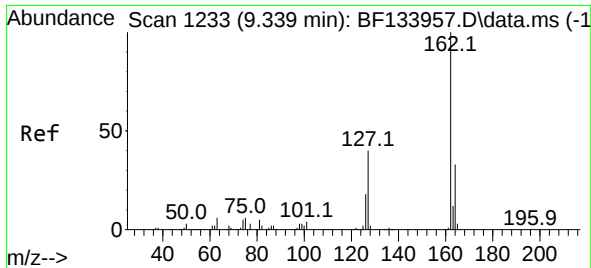


#46
1,1'-Biphenyl
Concen: 46.865 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion:154 Resp: 730599
Ion Ratio Lower Upper
154 100
153 41.1 19.8 59.8
76 12.2 0.0 32.9





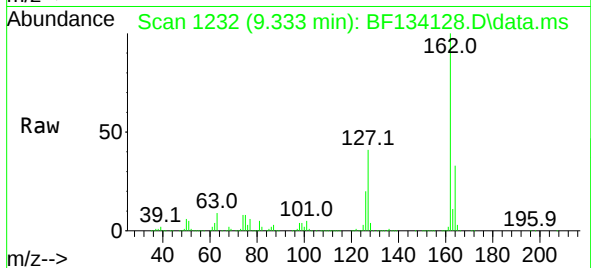
#47
2-Chloronaphthalene
Concen: 46.922 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS



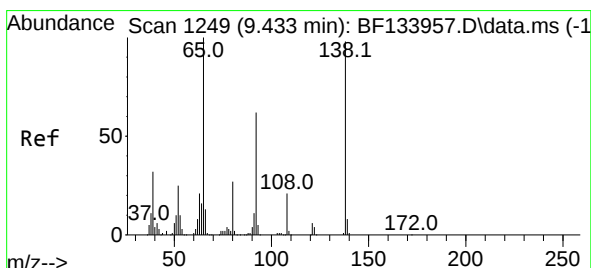
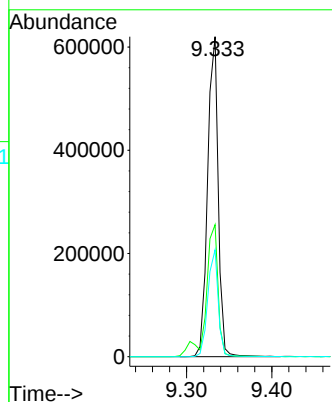
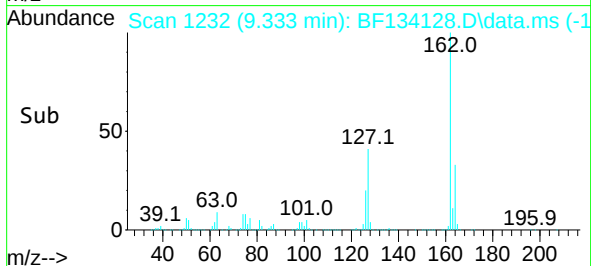
Tgt Ion:162 Resp: 535200
Ion Ratio Lower Upper
162 100
127 41.3 32.9 49.3
164 33.4 26.1 39.1

Manual Integrations

APPROVED

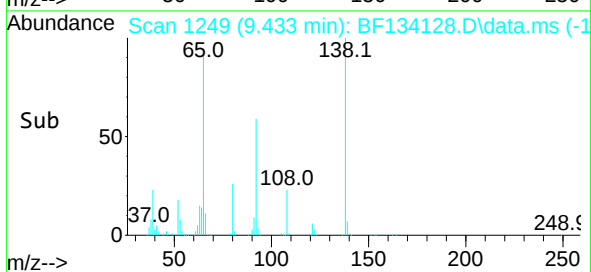
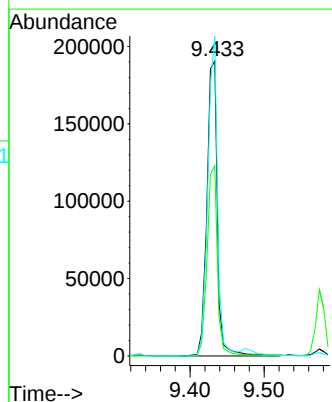
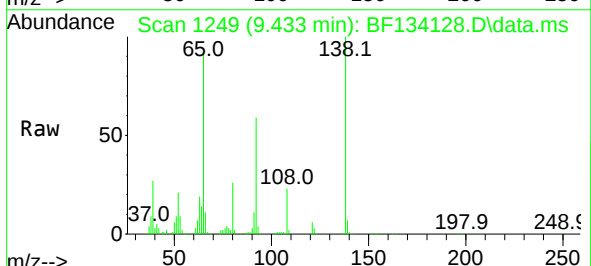
Reviewed By :Yogesh Patel 07/07/2023

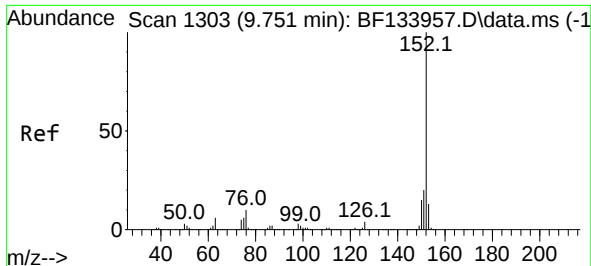
Supervised By :mohammad ahmed 07/09/2023



#48
2-Nitroaniline
Concen: 45.197 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

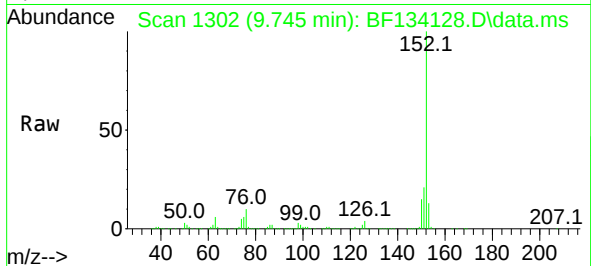
Tgt Ion: 65 Resp: 187883
Ion Ratio Lower Upper
65 100
92 64.6 49.5 74.3
138 108.6 78.0 117.0





#49
Acenaphthylene
Concen: 45.325 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

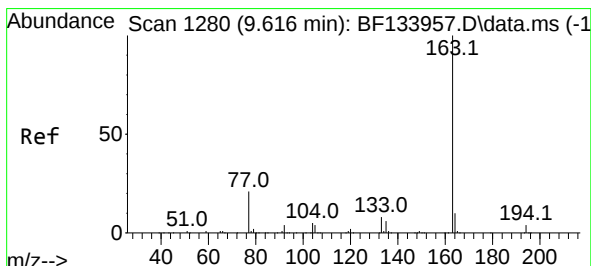
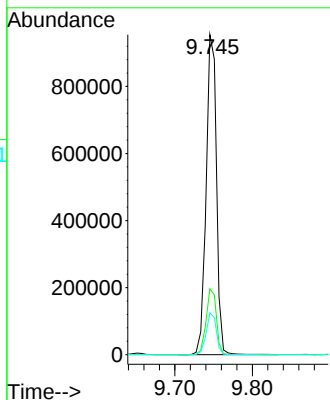
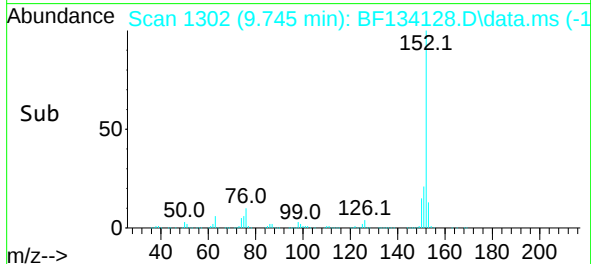
Instrument :
BNA_F
ClientSampleId :
TW-1MS



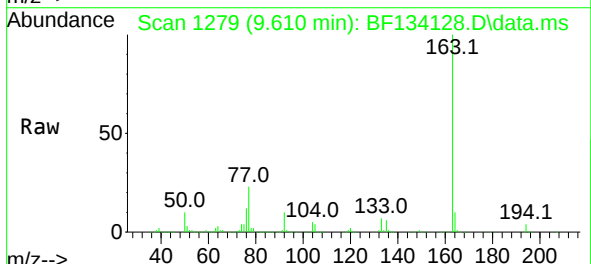
Tgt Ion:152 Resp: 88315
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.1 10.8 16.2

Manual Integrations
APPROVED

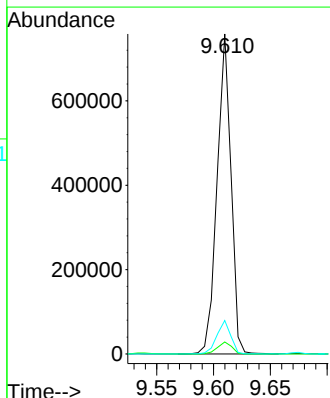
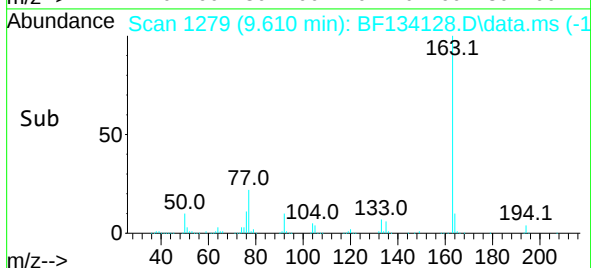
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

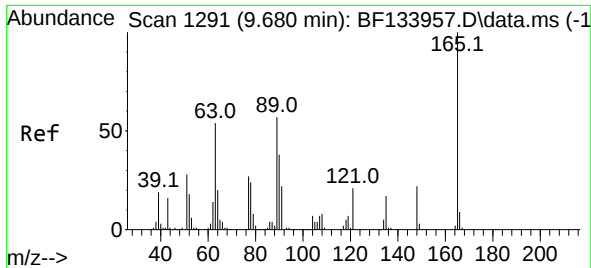


#50
Dimethylphthalate
Concen: 45.893 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



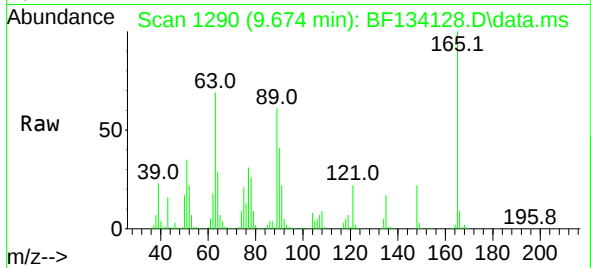
Tgt Ion:163 Resp: 647436
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.778 ng
RT: 9.674 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

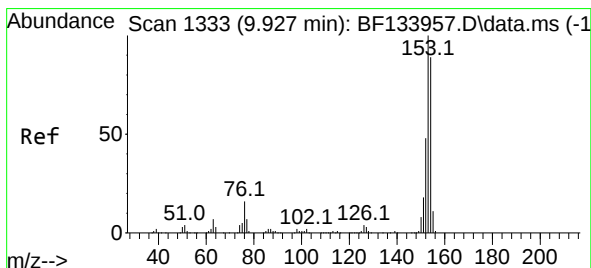
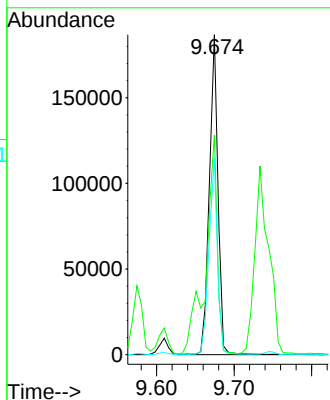
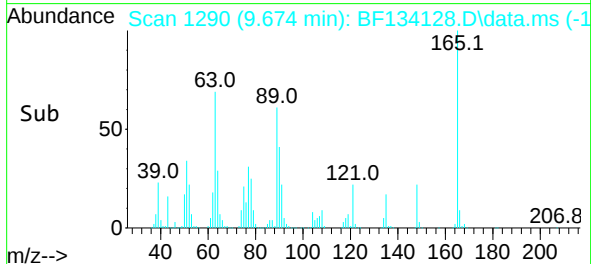
Instrument :
BNA_F
ClientSampleId :
TW-1MS



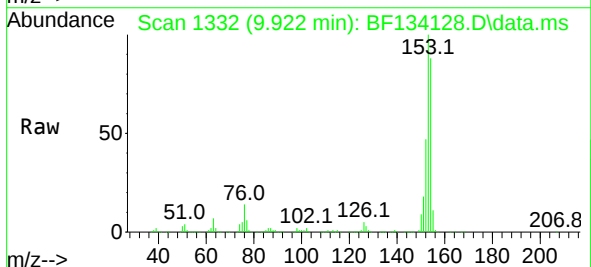
Tgt Ion:165 Resp: 145174
Ion Ratio Lower Upper
165 100
63 68.6 48.5 72.7
89 61.4 45.5 68.3

Manual Integrations
APPROVED

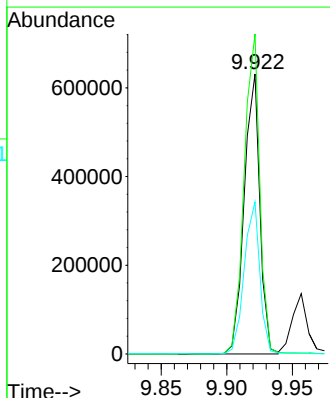
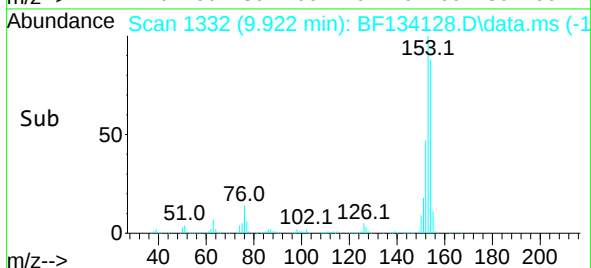
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

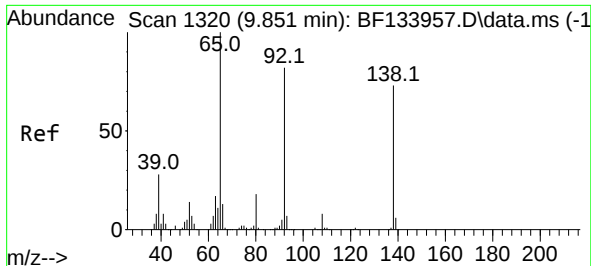


#52
Acenaphthene
Concen: 46.369 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion:154 Resp: 524258
Ion Ratio Lower Upper
154 100
153 114.3 89.4 134.2
152 54.3 42.8 64.2





#53
3-Nitroaniline
Concen: 29.579 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

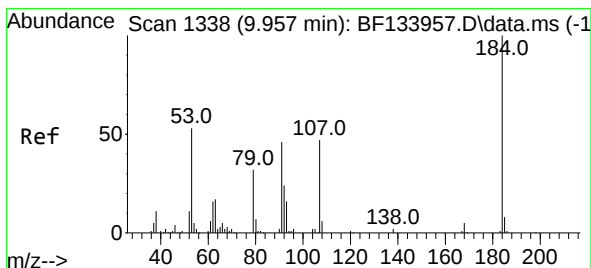
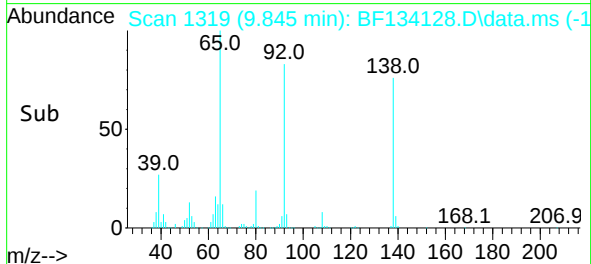
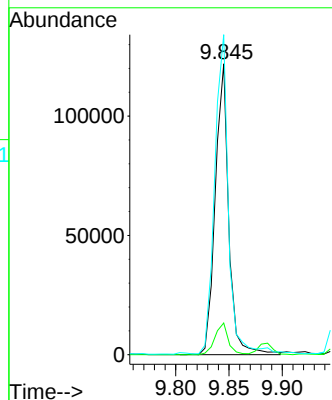
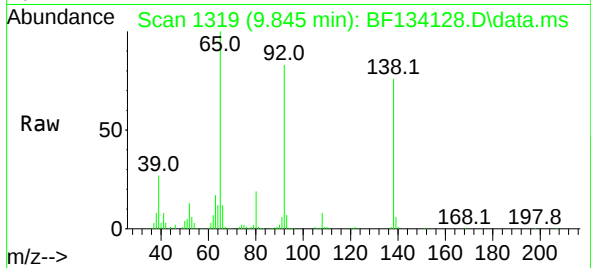
ClientSampleId :

TW-1MS

Tgt Ion:138 Resp: 107823
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 110.0 90.1 135.1

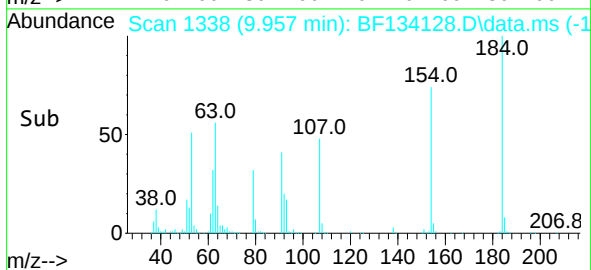
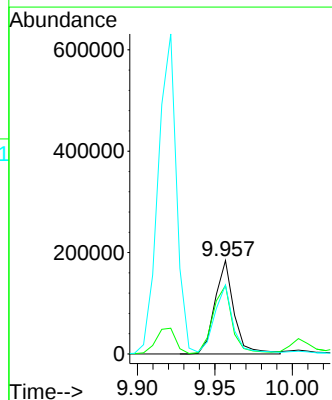
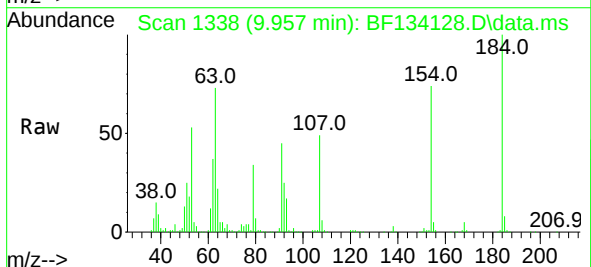
Manual Integrations
APPROVED

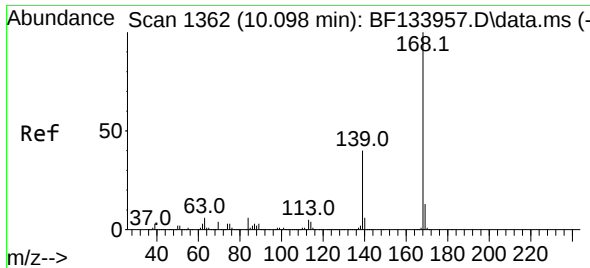
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#54
2,4-Dinitrophenol
Concen: 89.598 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

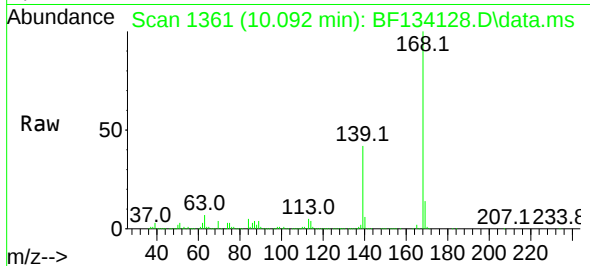
Tgt Ion:184 Resp: 158078
Ion Ratio Lower Upper
184 100
63 73.2 56.9 85.3
154 73.8 55.4 83.0





#55
Dibenzofuran
Concen: 45.097 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

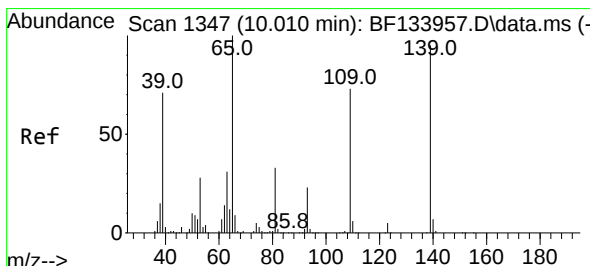
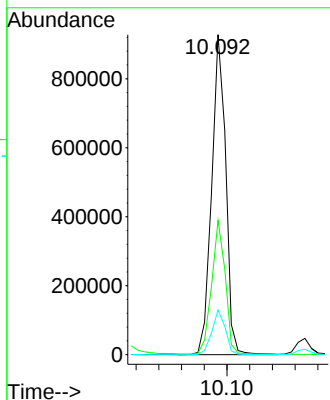
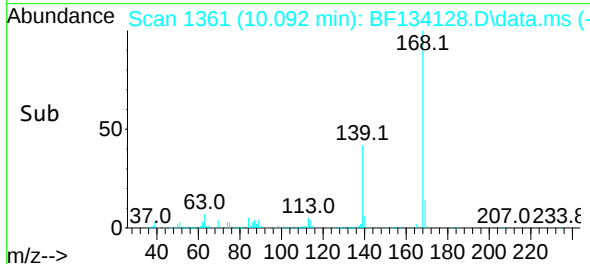
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion:168 Resp: 79684
Ion Ratio Lower Upper
168 100
139 42.0 32.0 48.0
169 13.9 10.6 16.0

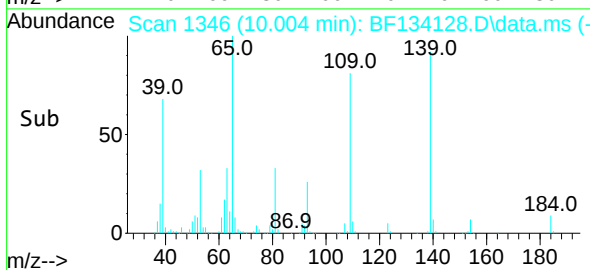
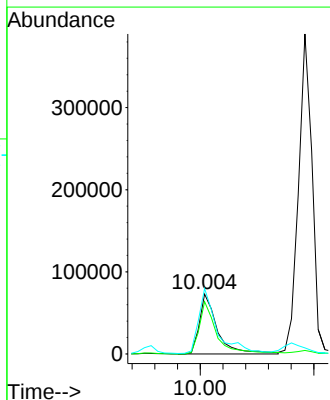
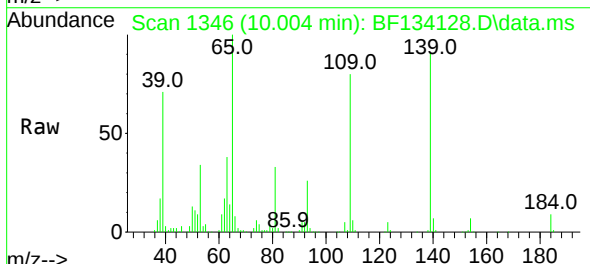
Manual Integrations
APPROVED

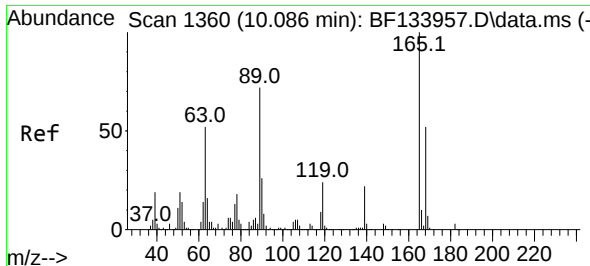
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#56
4-Nitrophenol
Concen: 31.375 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

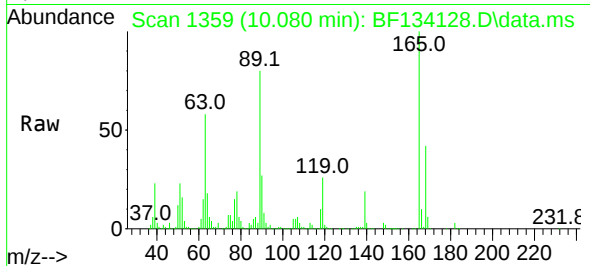
Tgt Ion:139 Resp: 79999
Ion Ratio Lower Upper
139 100
109 87.6 56.8 96.8
65 109.3 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 47.608 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

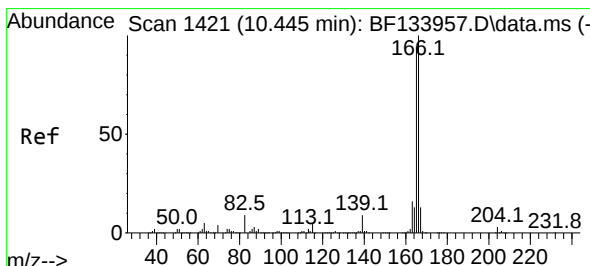
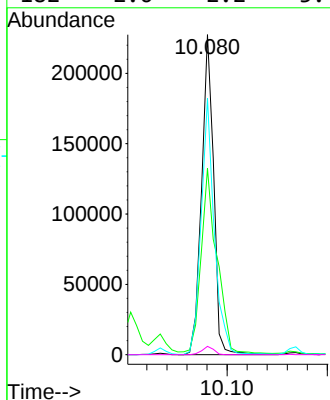
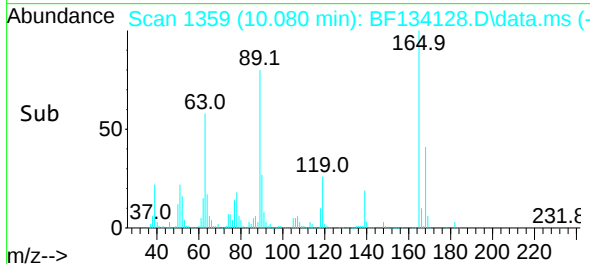
Instrument :
BNA_F
ClientSampleId :
TW-1MS



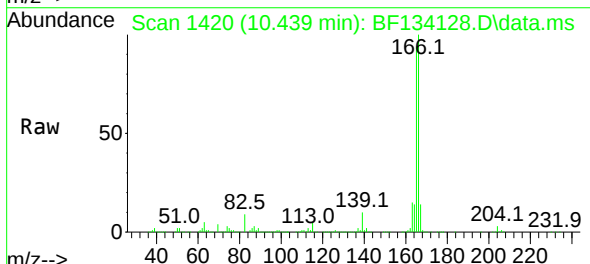
Tgt Ion:165 Resp: 19103
Ion Ratio Lower Upper
165 100
63 58.3 42.2 63.2
89 80.1 57.4 86.2
182 2.6 2.2 3.4

Manual Integrations
APPROVED

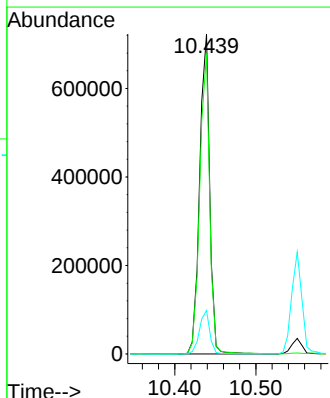
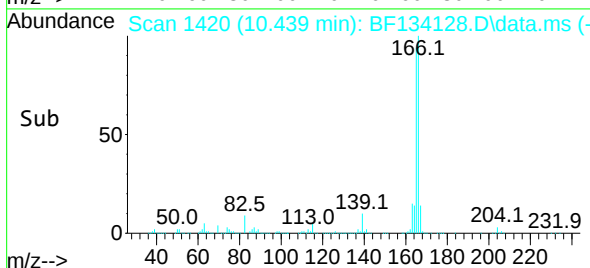
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

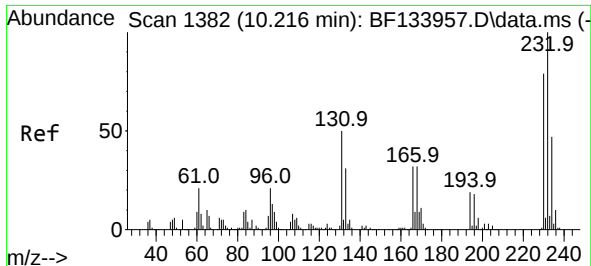


#58
Fluorene
Concen: 45.089 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



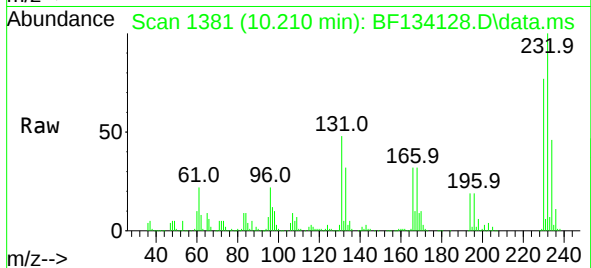
Tgt Ion:166 Resp: 619828
Ion Ratio Lower Upper
166 100
165 93.8 75.0 112.4
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.674 ng m
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

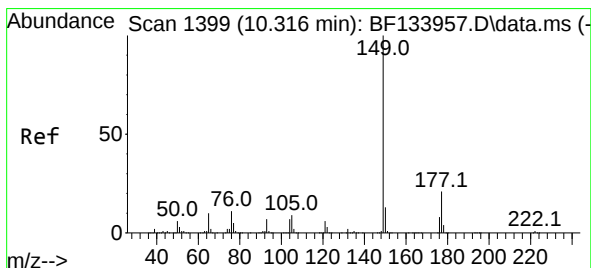
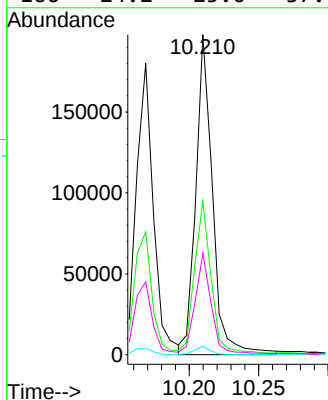
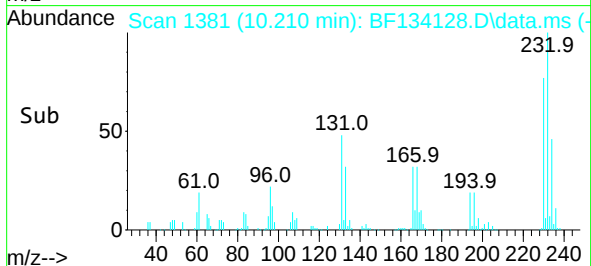
Instrument :
BNA_F
ClientSampleId :
TW-1MS



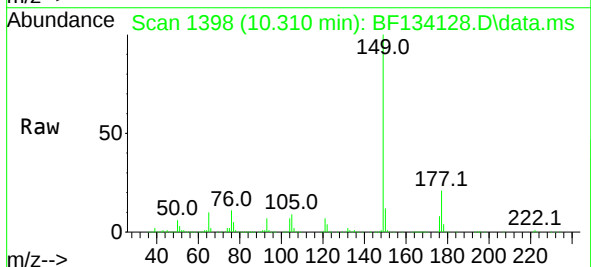
Tgt Ion:232 Resp: 16610
Ion Ratio Lower Upper
232 100
131 41.0 39.3 58.9
130 2.3 1.8 2.6
166 24.2 25.0 37.6#

Manual Integrations
APPROVED

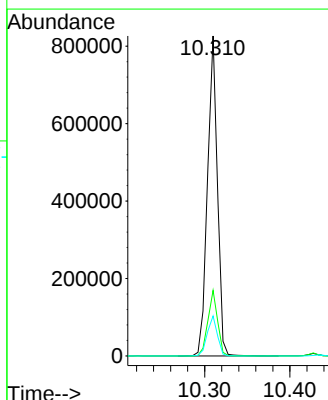
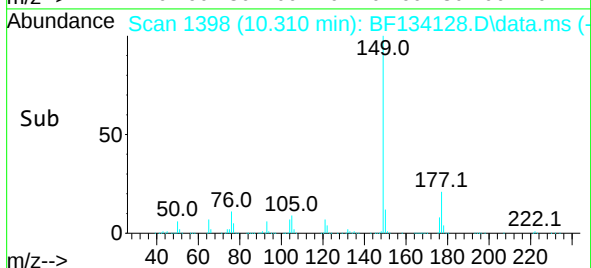
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

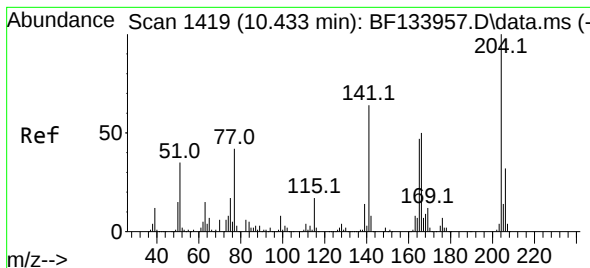


#60
Diethylphthalate
Concen: 45.360 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



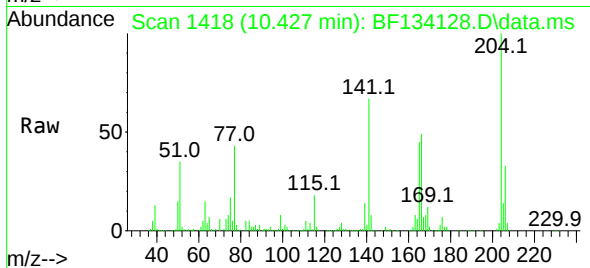
Tgt Ion:149 Resp: 666685
Ion Ratio Lower Upper
149 100
177 20.5 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.841 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

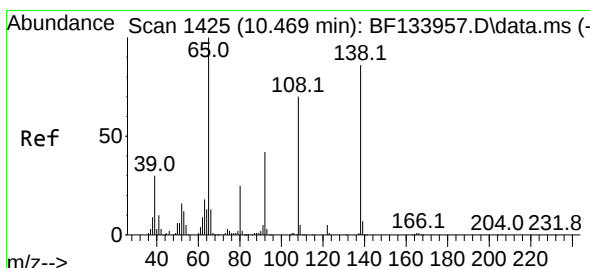
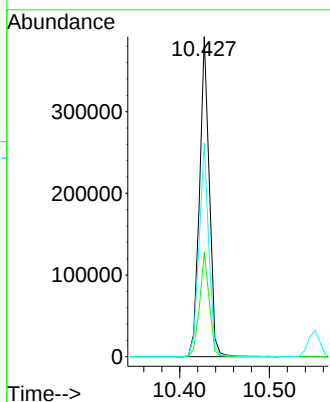
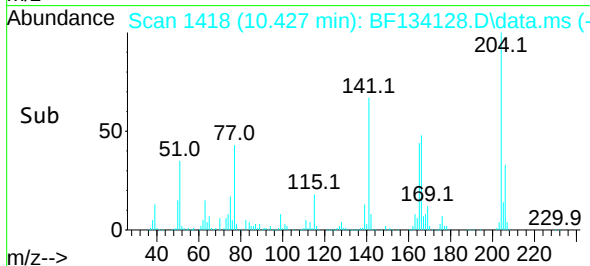
Instrument :
BNA_F
ClientSampleId :
TW-1MS



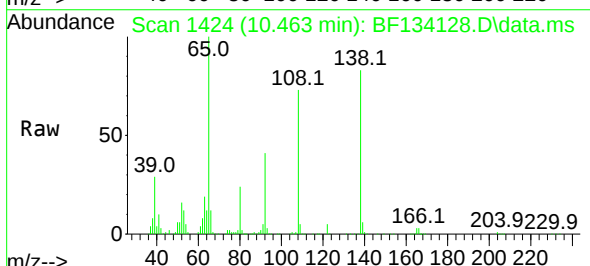
Tgt Ion:204 Resp: 297062
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 66.8 51.5 77.3

Manual Integrations
APPROVED

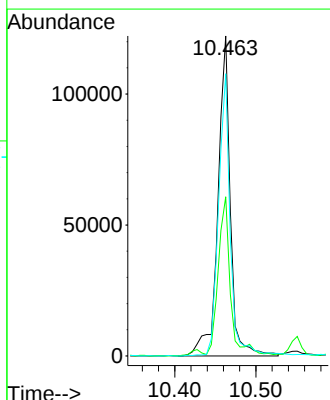
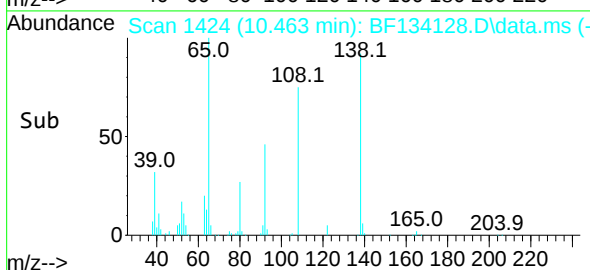
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

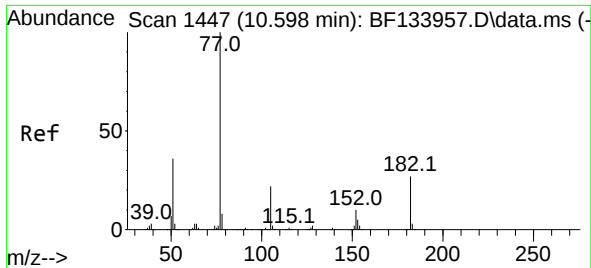


#62
4-Nitroaniline
Concen: 35.584 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



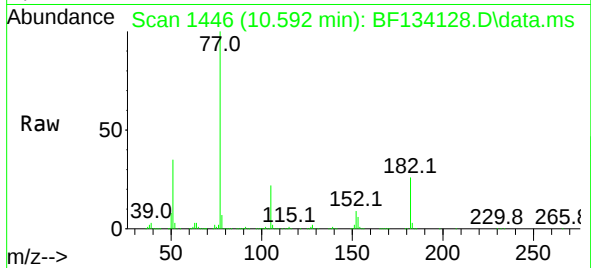
Tgt Ion:138 Resp: 130722
Ion Ratio Lower Upper
138 100
92 49.7 29.7 69.7
108 88.2 62.1 102.1





#63
Azobenzene
Concen: 46.057 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

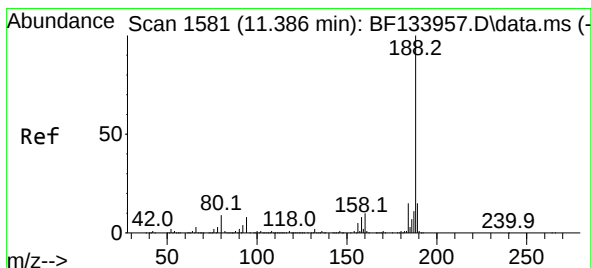
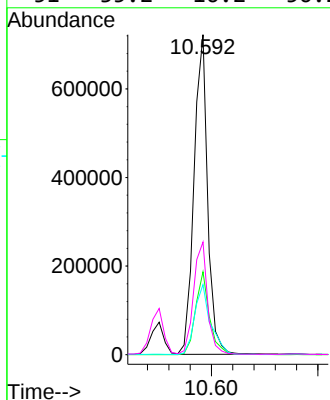
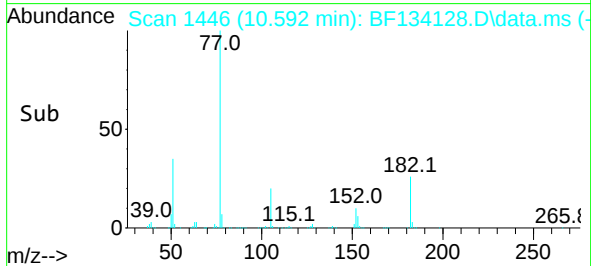
Instrument :
BNA_F
ClientSampleId :
TW-1MS



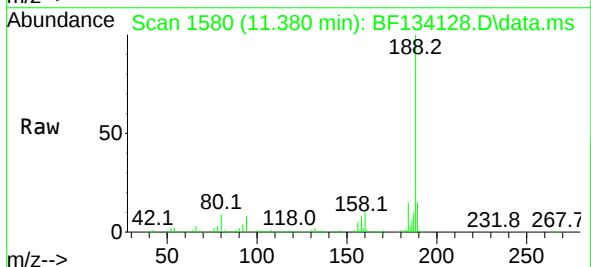
Tgt Ion: 77 Resp: 640328
Ion Ratio Lower Upper
77 100
182 25.9 6.8 46.8
105 21.9 2.3 42.3
51 35.2 16.2 56.2

Manual Integrations
APPROVED

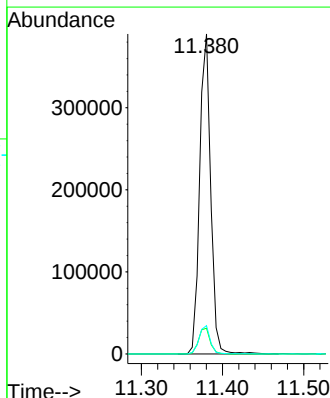
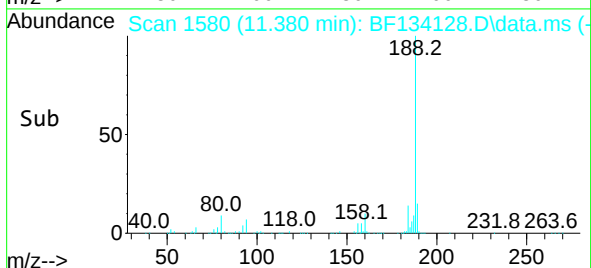
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

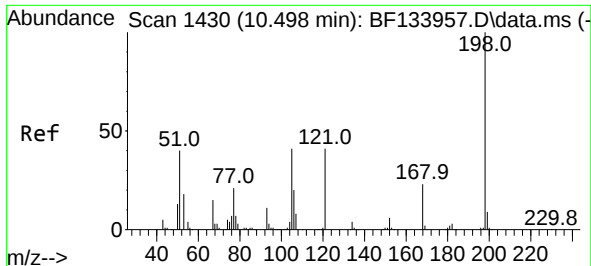


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



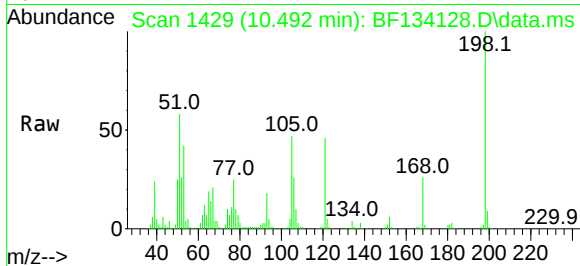
Tgt Ion:188 Resp: 367396
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.9 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 54.186 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

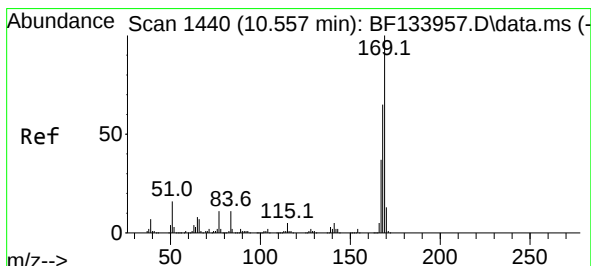
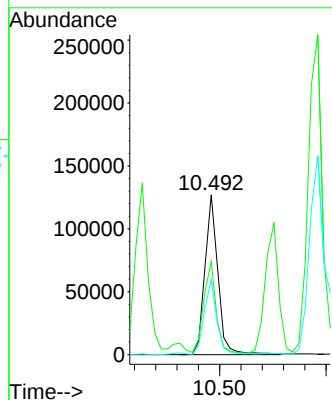
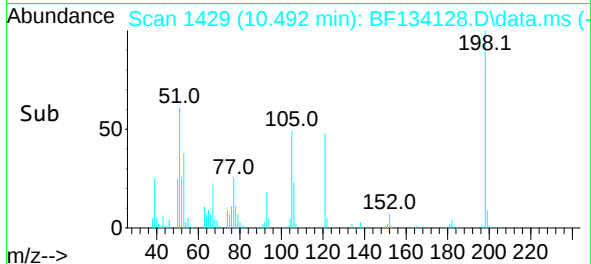
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion:198 Resp: 108530
Ion Ratio Lower Upper
198 100
51 58.2 29.3 69.3
105 46.9 22.4 62.4

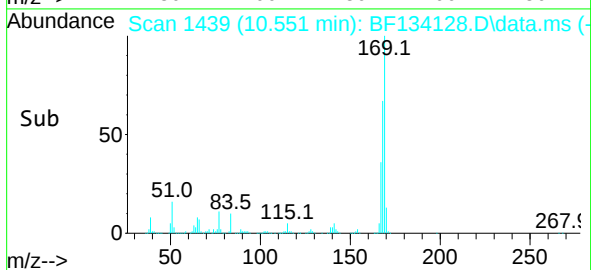
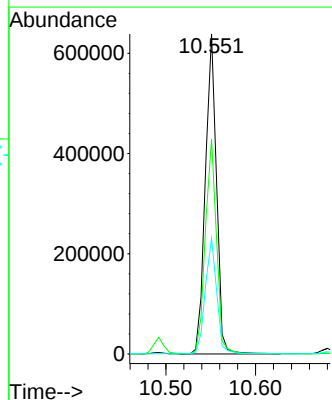
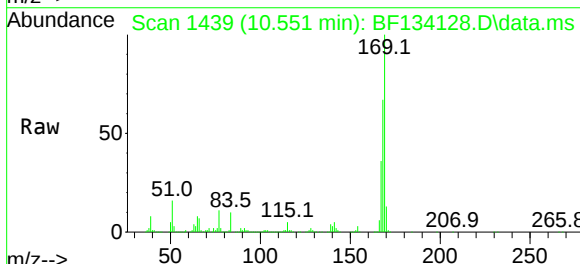
Manual Integrations
APPROVED

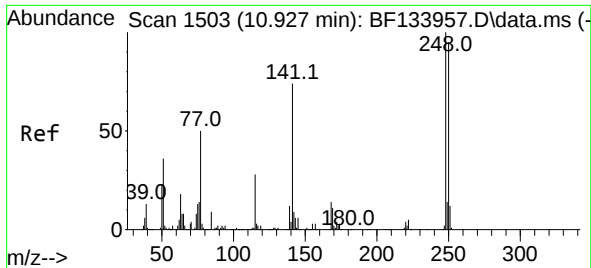
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#66
n-Nitrosodiphenylamine
Concen: 47.007 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

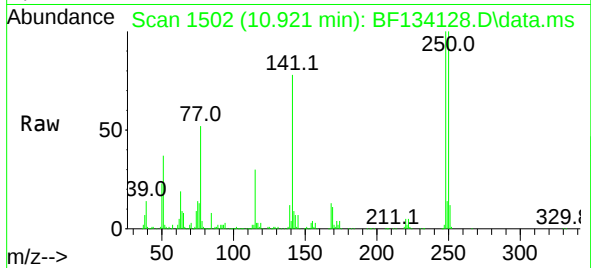
Tgt Ion:169 Resp: 551785
Ion Ratio Lower Upper
169 100
168 67.1 52.3 78.5
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 47.694 ng
RT: 10.921 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

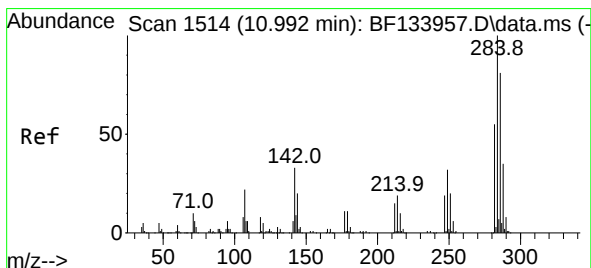
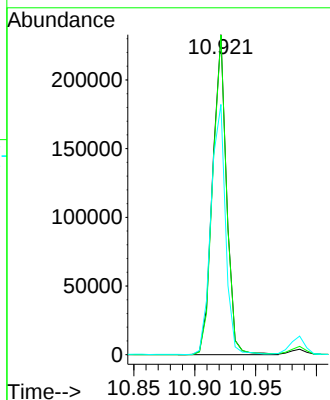
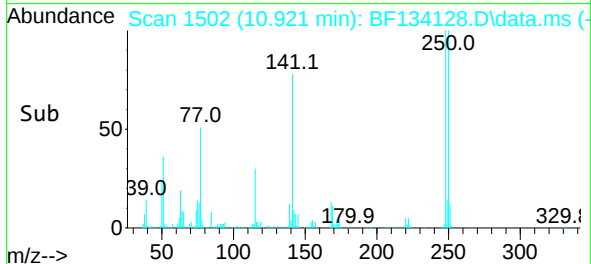
Instrument :
BNA_F
ClientSampleId :
TW-1MS



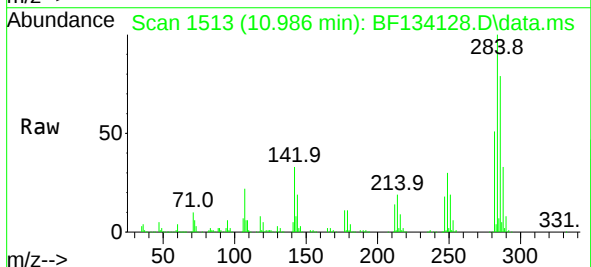
Tgt Ion:248 Resp: 18624
Ion Ratio Lower Upper
248 100
250 99.9 76.2 114.4
141 78.2 59.0 88.4

Manual Integrations
APPROVED

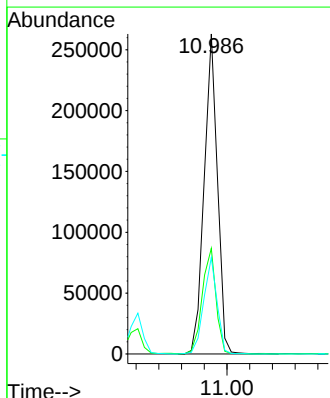
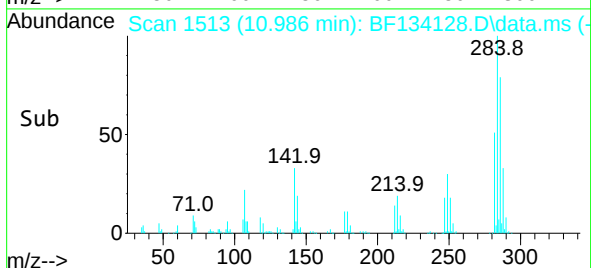
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

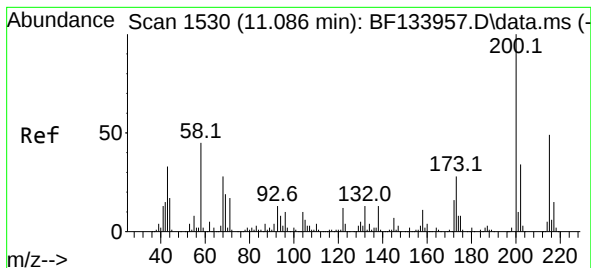


#68
Hexachlorobenzene
Concen: 51.413 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion:284 Resp: 213167
Ion Ratio Lower Upper
284 100
142 33.0 26.6 40.0
249 30.2 25.5 38.3





#69

Atrazine

Concen: 53.541 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

Tgt Ion:200 Resp: 17384

Ion Ratio Lower Upper

200 100

173 28.9 8.0 48.0

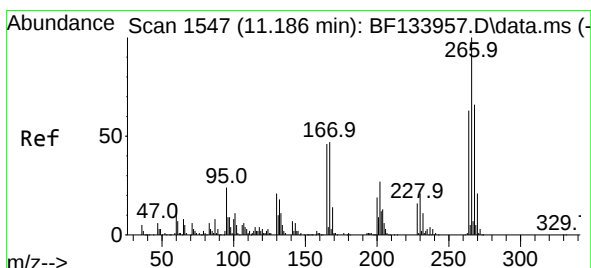
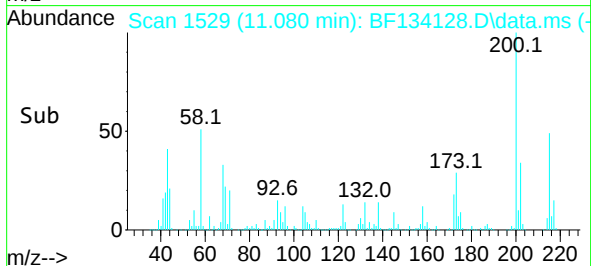
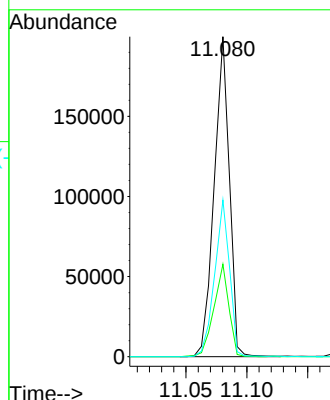
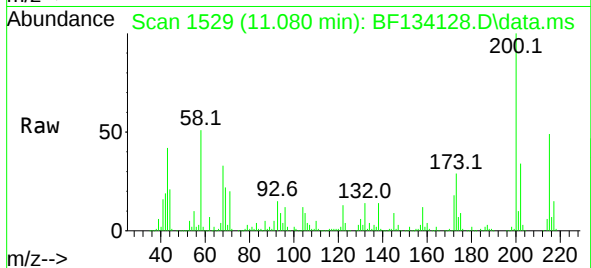
215 48.9 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#70

Pentachlorophenol

Concen: 79.852 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

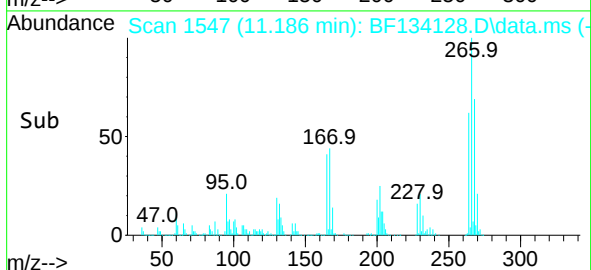
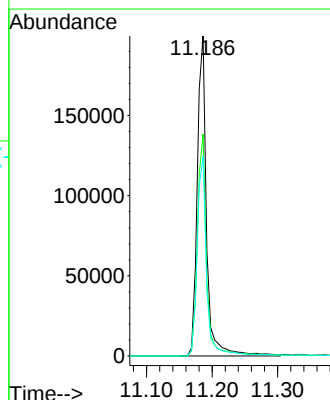
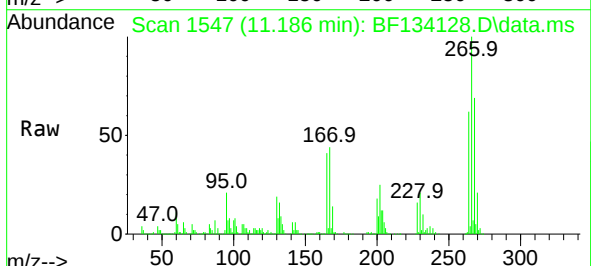
Tgt Ion:266 Resp: 197958

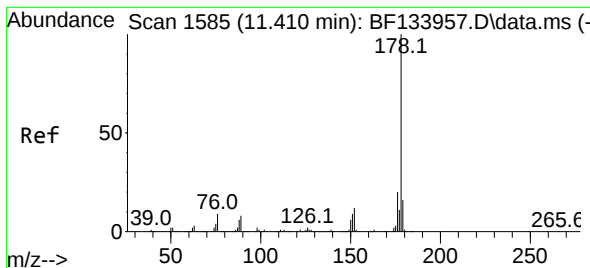
Ion Ratio Lower Upper

266 100

268 69.3 52.6 79.0

264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 47.709 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

Tgt Ion:178 Resp: 882385

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

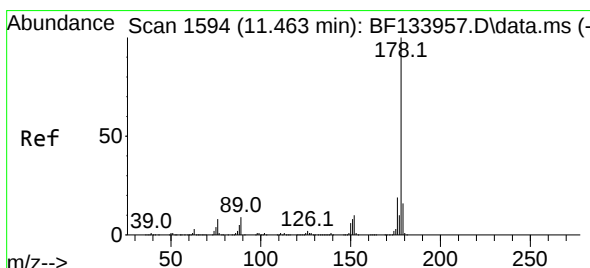
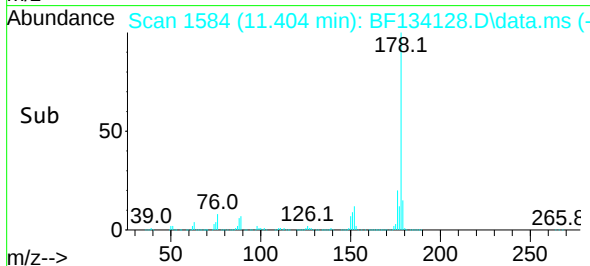
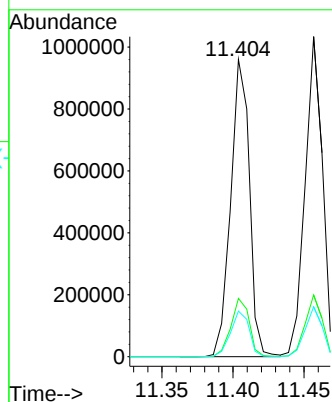
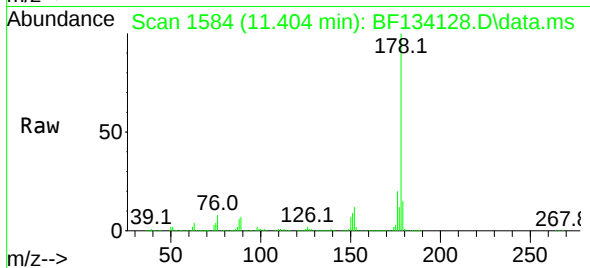
179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#72

Anthracene

Concen: 46.543 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

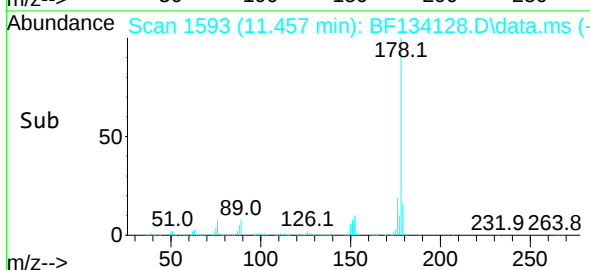
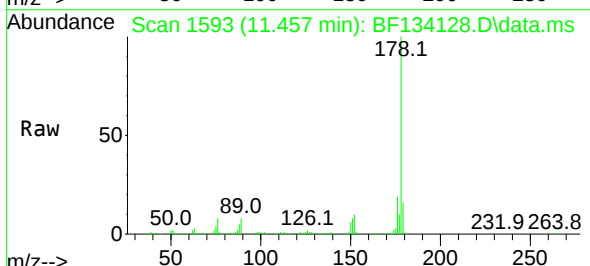
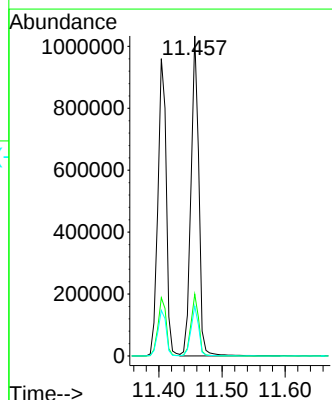
Tgt Ion:178 Resp: 895357

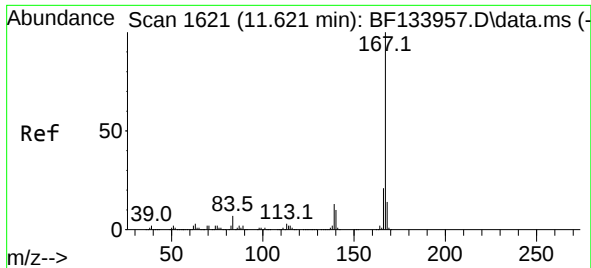
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

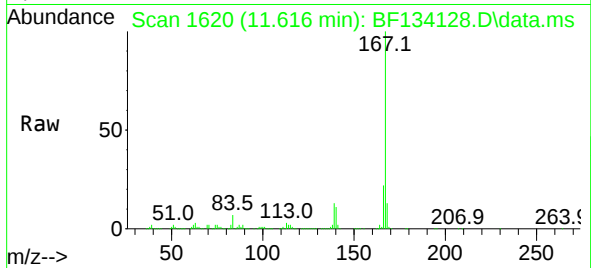
179 15.6 12.4 18.6





#73
Carbazole
Concen: 48.110 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

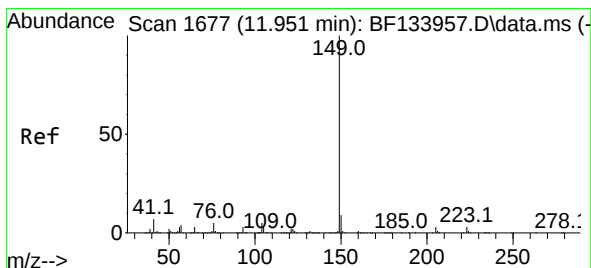
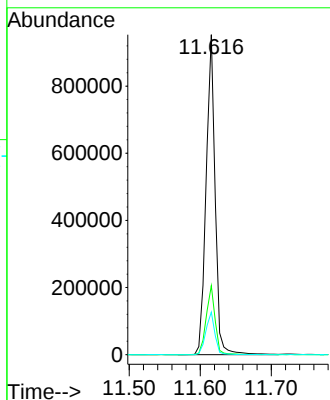
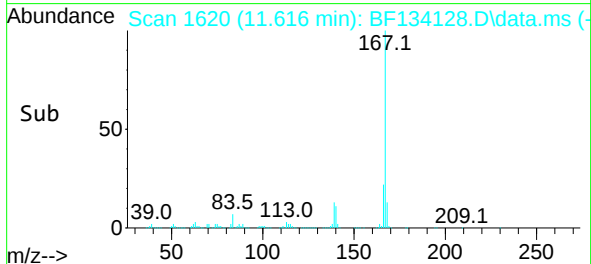
Instrument :
BNA_F
ClientSampleId :
TW-1MS



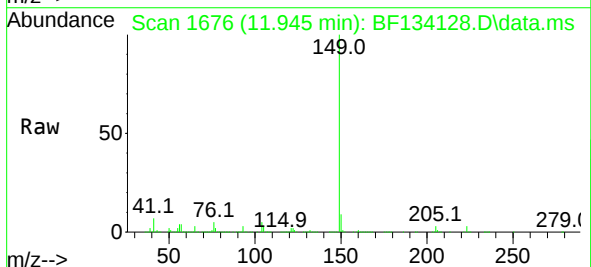
Tgt Ion:167 Resp: 847119
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.3 10.4 15.6

Manual Integrations
APPROVED

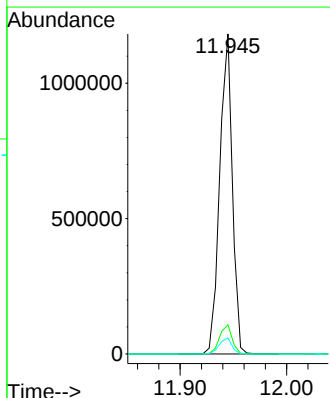
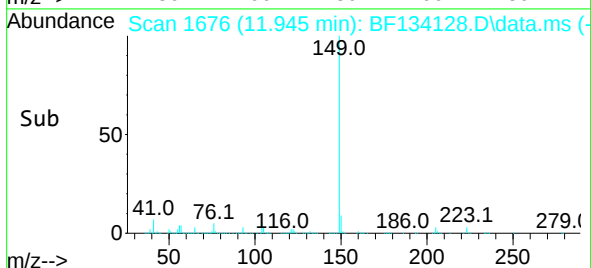
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

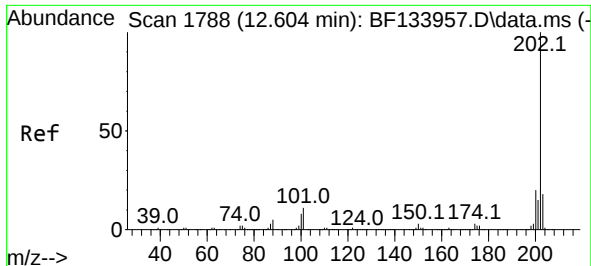


#74
Di-n-butylphthalate
Concen: 46.318 ng
RT: 11.945 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



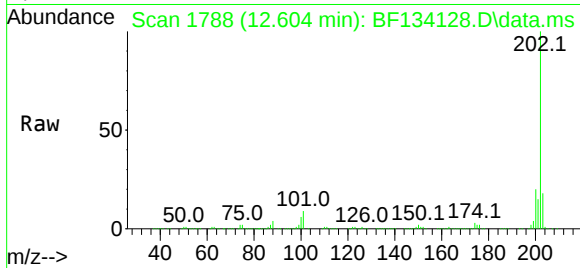
Tgt Ion:149 Resp: 969865
Ion Ratio Lower Upper
149 100
150 9.1 7.1 10.7
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 45.041 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

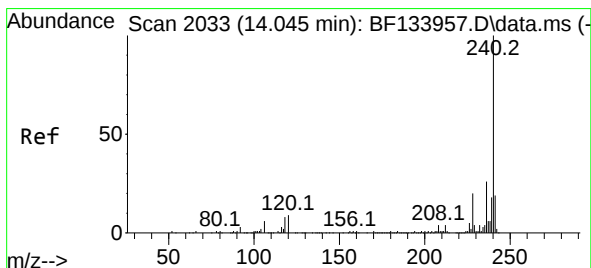
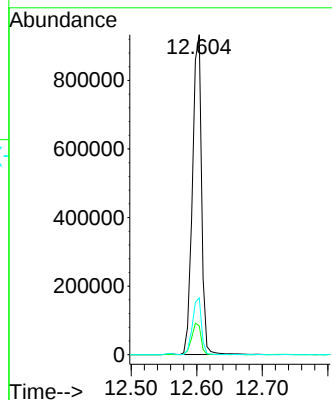
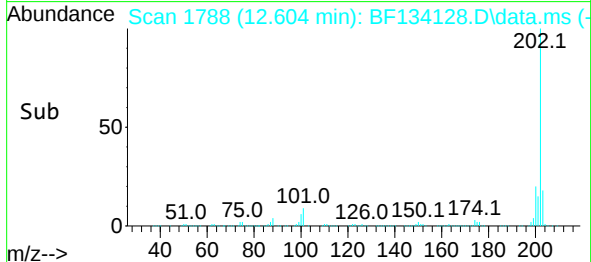
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion:202 Resp: 90060
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.0
203 17.8 0.0 37.6

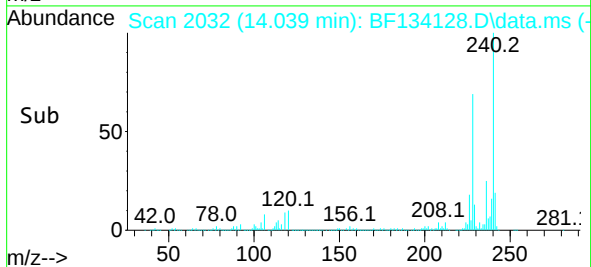
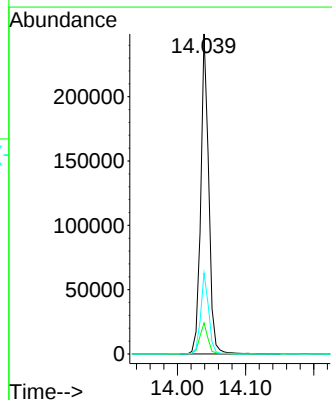
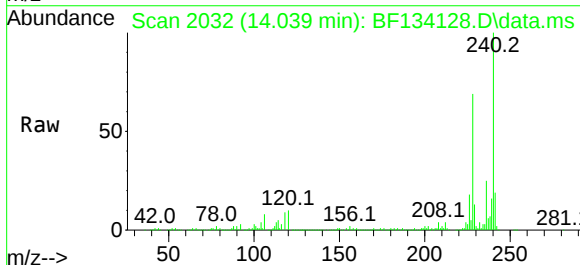
Manual Integrations
APPROVED

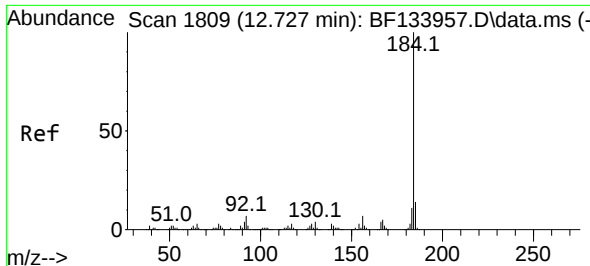
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

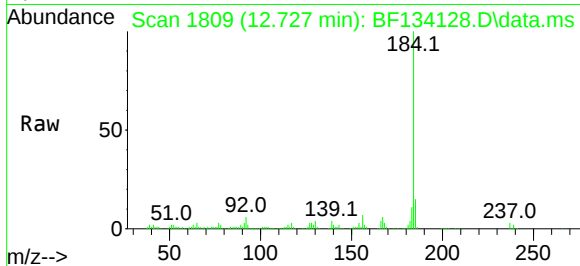
Tgt Ion:240 Resp: 201731
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 25.3 21.0 31.6





#77
Benzidine
Concen: 29.271 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

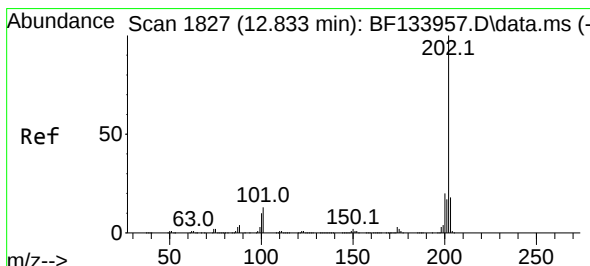
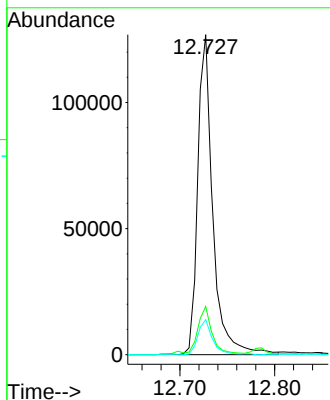
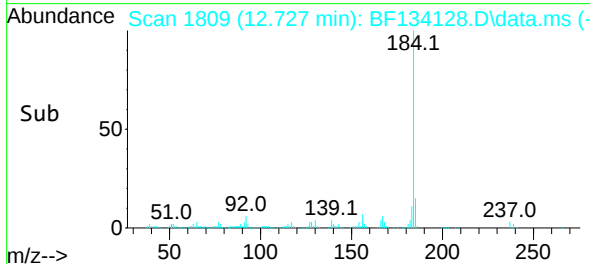
Instrument :
BNA_F
ClientSampleId :
TW-1MS



Tgt Ion:184 Resp: 14050
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 10.9 8.8 13.2

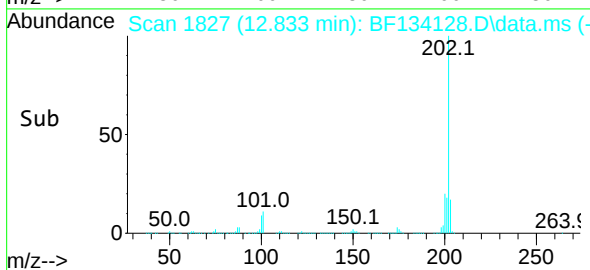
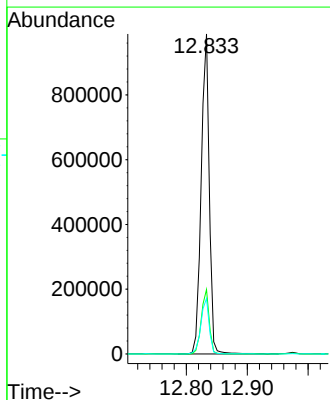
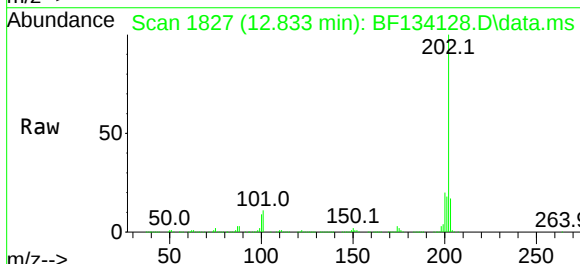
Manual Integrations
APPROVED

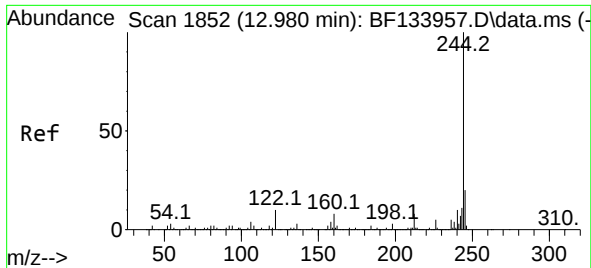
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#78
Pyrene
Concen: 48.204 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

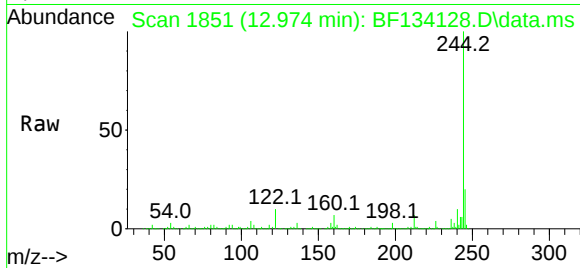
Tgt Ion:202 Resp: 904980
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 97.733 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134128.D
 Acq: 07 Jul 2023 09:37

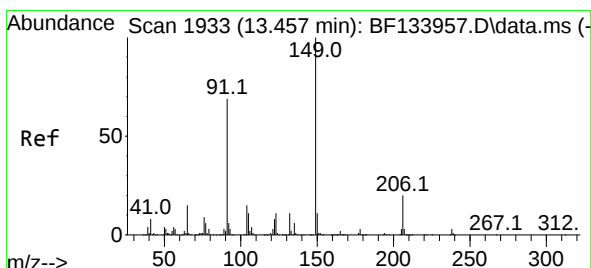
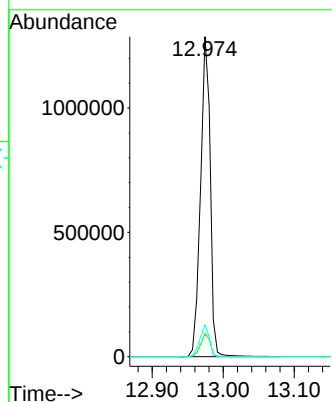
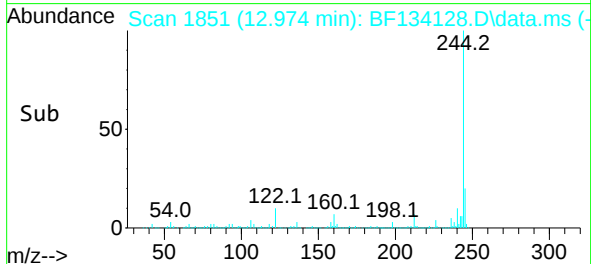
Instrument :
 BNA_F
 ClientSampleId :
 TW-1MS



Tgt Ion:244 Resp: 1225020
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.8 8.3 12.5

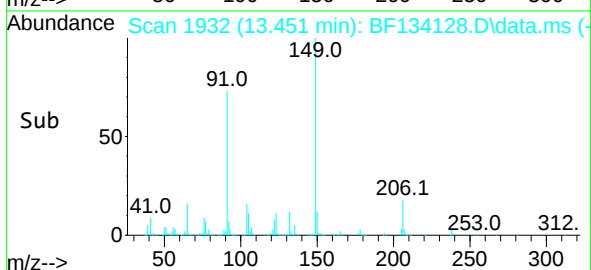
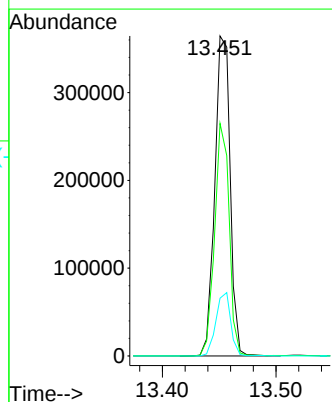
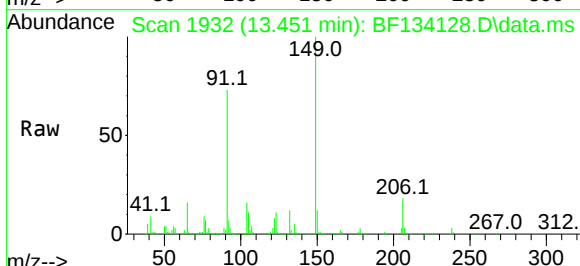
Manual Integrations
 APPROVED

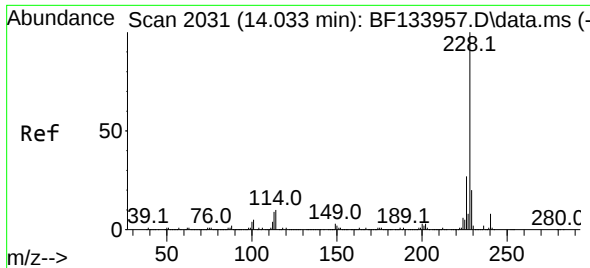
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023



#80
 Butylbenzylphthalate
 Concen: 48.722 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF134128.D
 Acq: 07 Jul 2023 09:37

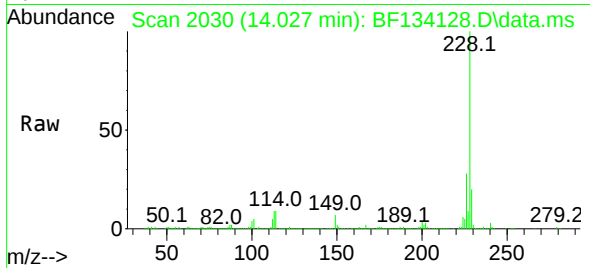
Tgt Ion:149 Resp: 343054
 Ion Ratio Lower Upper
 149 100
 91 72.6 55.1 82.7
 206 18.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 46.778 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

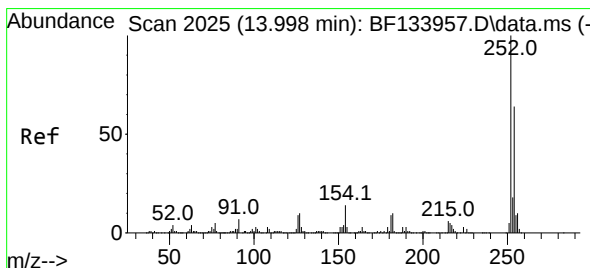
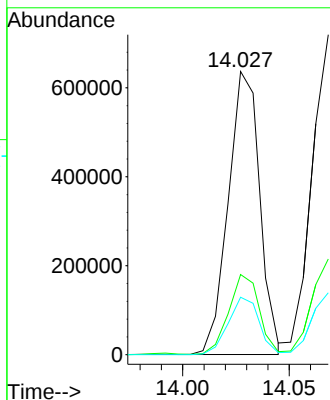
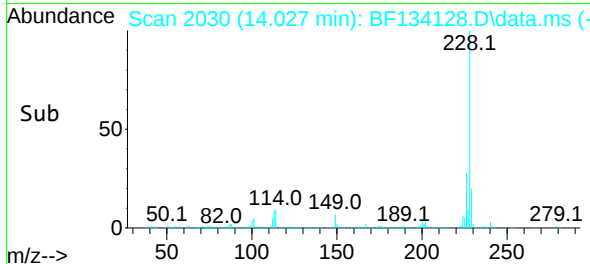
Instrument :
BNA_F
ClientSampleId :
TW-1MS



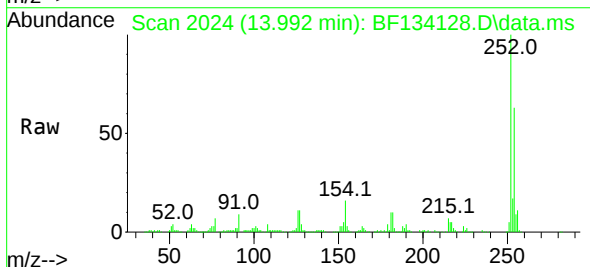
Tgt Ion:228 Resp: 654450
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 20.3 16.3 24.5

Manual Integrations
APPROVED

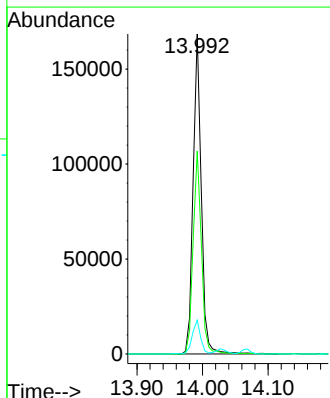
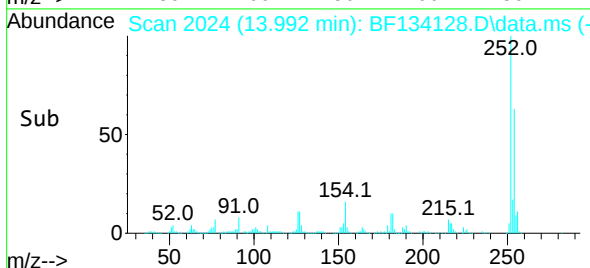
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

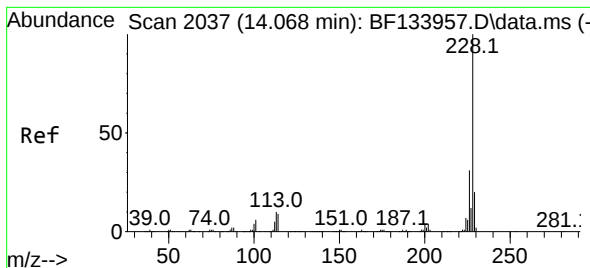


#82
3,3'-Dichlorobenzidine
Concen: 33.048 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion:252 Resp: 146484
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 10.5 7.4 11.2





#83

Chrysene

Concen: 46.751 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

TW-1MS

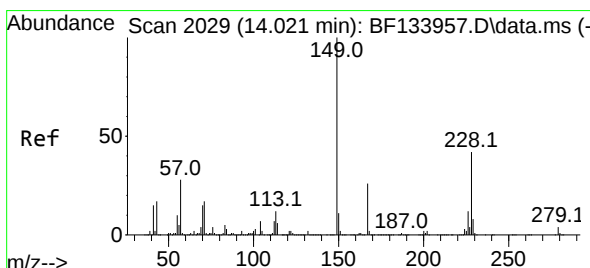
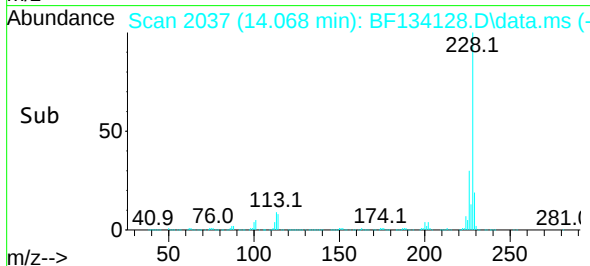
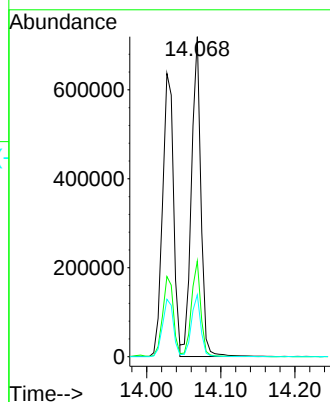
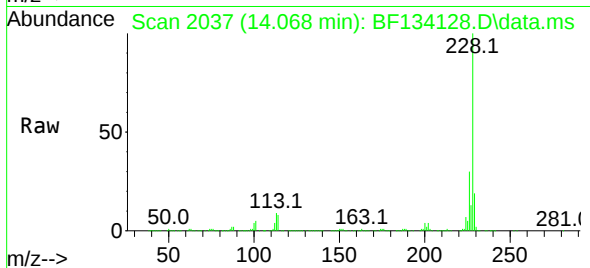
Tgt Ion:228	Resp: 63351
Ion Ratio	Lower Upper
228 100	
226 29.9	24.4 36.6
229 19.3	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.562 ng

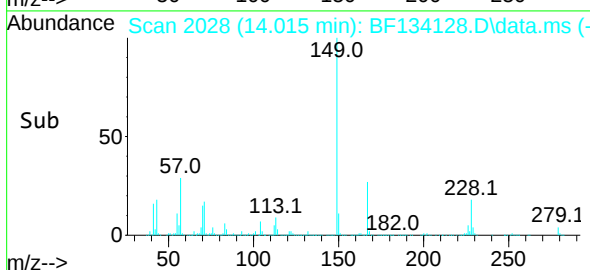
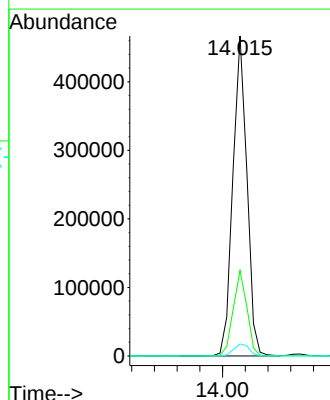
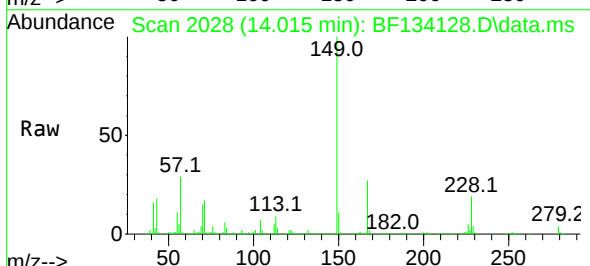
RT: 14.015 min Scan# 2028

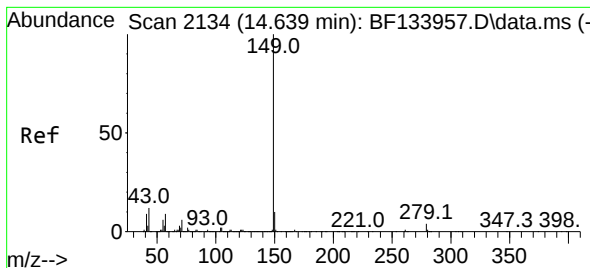
Delta R.T. -0.006 min

Lab File: BF134128.D

Acq: 07 Jul 2023 09:37

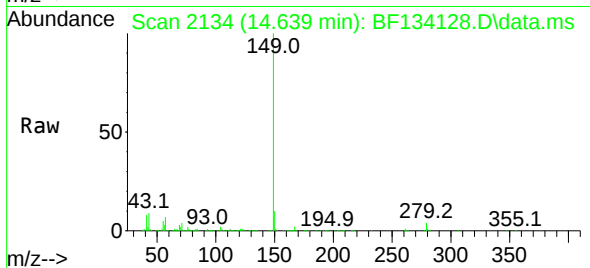
Tgt Ion:149	Resp: 400982
Ion Ratio	Lower Upper
149 100	
167 26.7	21.0 31.4
279 3.8	3.3 4.9





#85
Di-n-octyl phthalate
Concen: 48.989 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

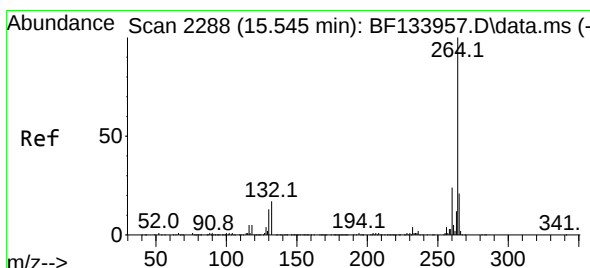
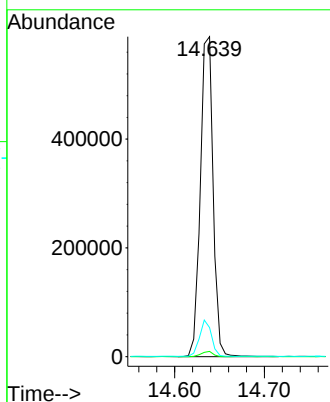
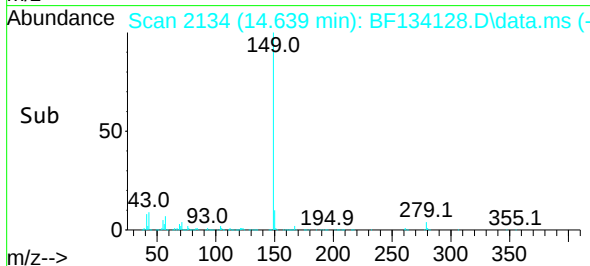
Instrument :
BNA_F
ClientSampleId :
TW-1MS



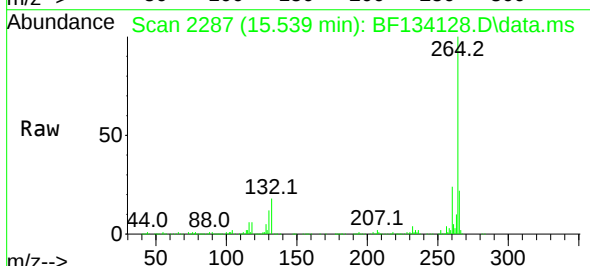
Tgt Ion:149 Resp: 582384
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.5 9.0 13.4

Manual Integrations
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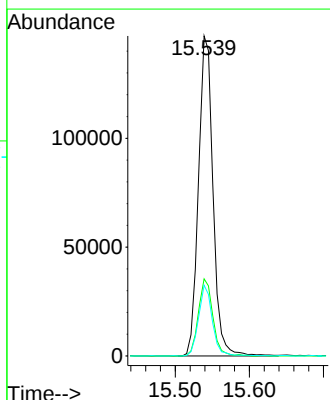
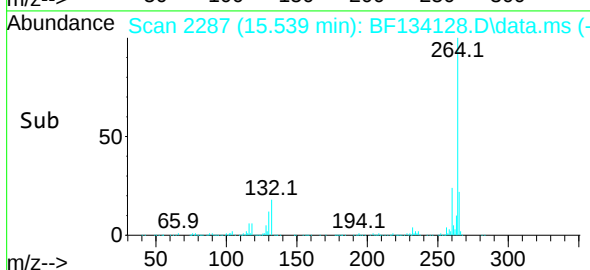
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

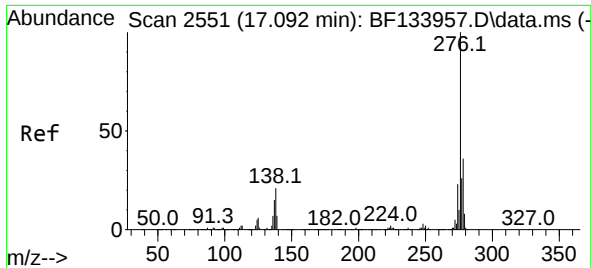


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



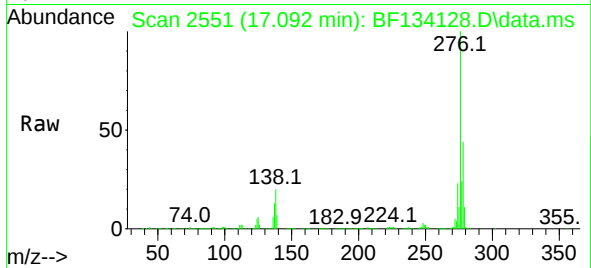
Tgt Ion:264 Resp: 200377
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.028 ng
RT: 17.092 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

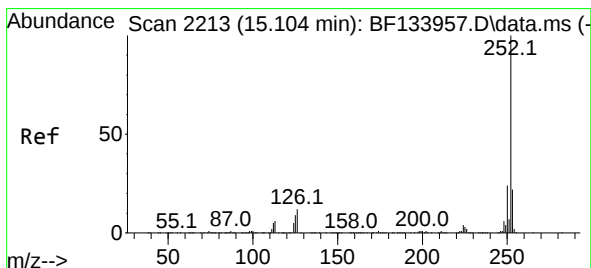
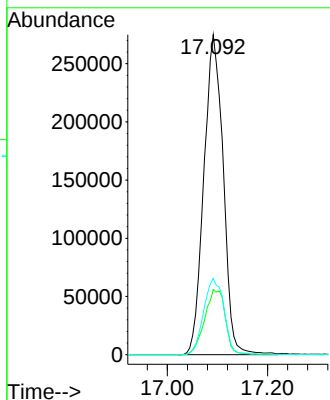
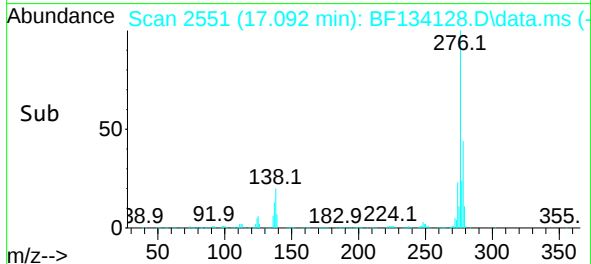
Instrument :
BNA_F
ClientSampleId :
TW-1MS



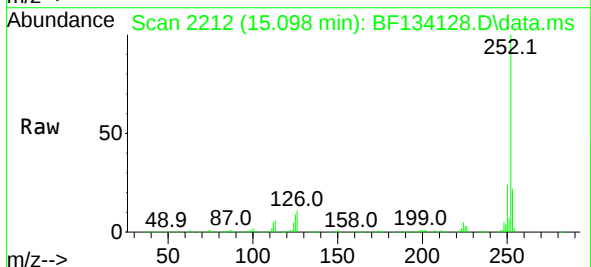
Tgt Ion:276 Resp: 73731
Ion Ratio Lower Upper
276 100
138 21.6 18.7 28.1
277 25.0 19.9 29.9

Manual Integrations
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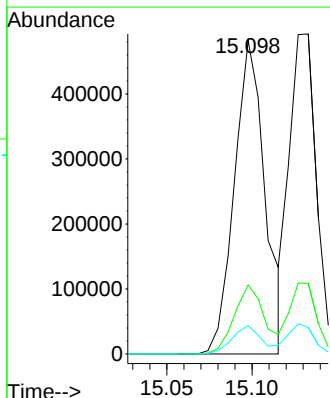
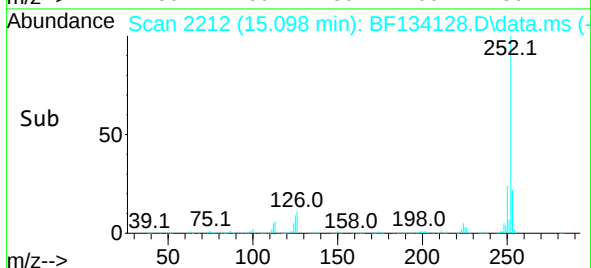
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

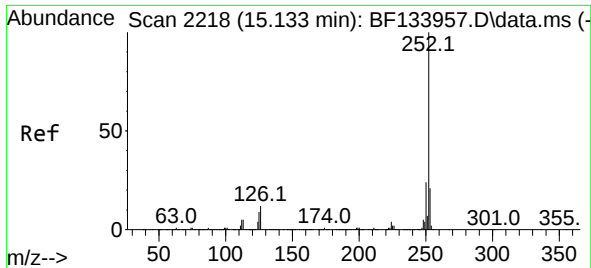


#88
Benzo(b)fluoranthene
Concen: 51.334 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



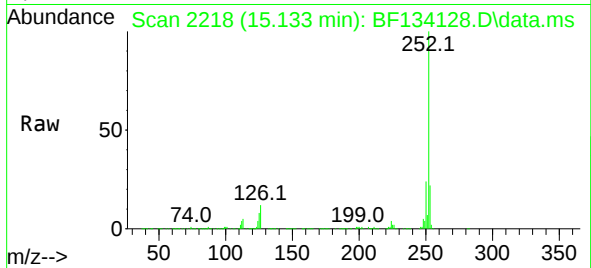
Tgt Ion:252 Resp: 604832
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.1 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 46.424 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

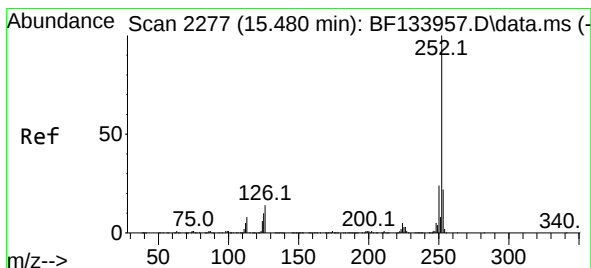
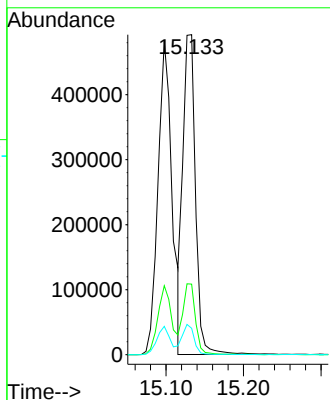
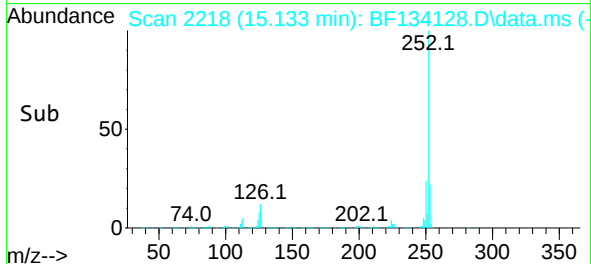
Instrument :
BNA_F
ClientSampleId :
TW-1MS



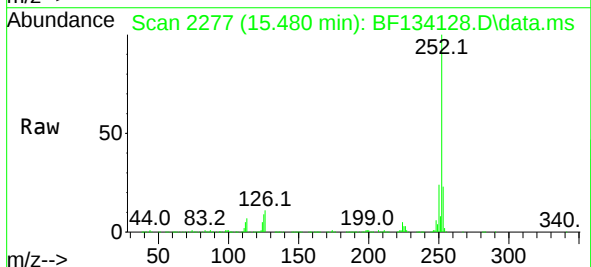
Tgt Ion:252 Resp: 55691
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 8.2 7.4 11.2

Manual Integrations
APPROVED

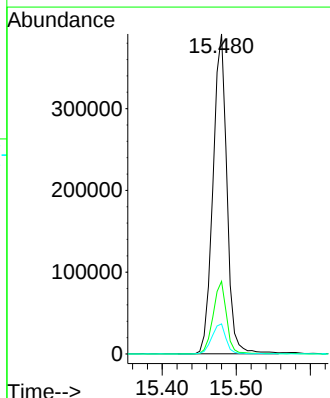
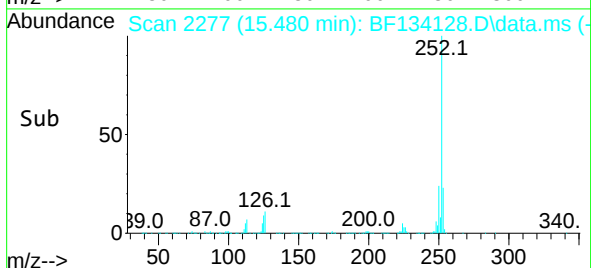
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

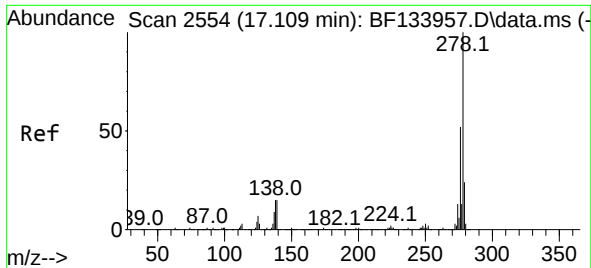


#90
Benzo(a)pyrene
Concen: 44.799 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37



Tgt Ion:252 Resp: 510414
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.4 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 53.511 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Instrument :

BNA_F

ClientSampleId :

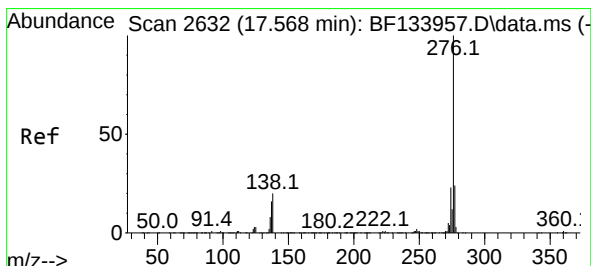
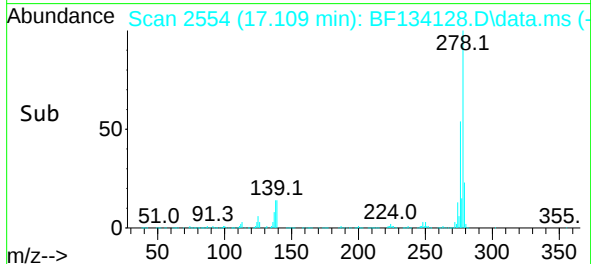
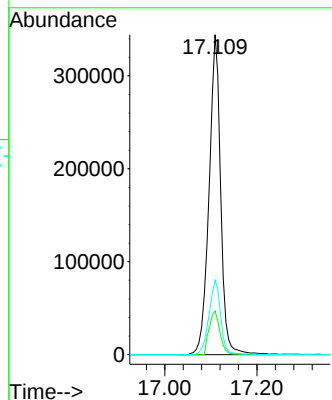
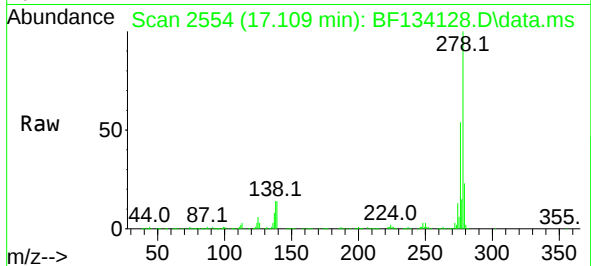
TW-1MS

Tgt Ion:278 Resp: 607715
Ion Ratio Lower Upper
278 100
139 13.7 12.2 18.4
279 23.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#92
Benzo(g,h,i)perylene
Concen: 52.201 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.018 min
Lab File: BF134128.D
Acq: 07 Jul 2023 09:37

Tgt Ion:276 Resp: 611350
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 19.1 16.2 24.2

