

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134133.D
 Acq On : 07 Jul 2023 12:23
 Operator : CG\JU
 Sample : 03375-06MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)MSD

Quant Time: Jul 07 13:51:52 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	106569	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	405597	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	183307	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	289152	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	187027	20.000	ng	0.00
86) Perylene-d12	15.545	264	223210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	726206	113.989	ng	0.00
7) Phenol-d6	6.492	99	877992	112.062	ng	0.00
23) Nitrobenzene-d5	7.410	82	597719	79.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	246969	107.457	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1008393	79.980	ng	0.00
79) Terphenyl-d14	12.980	244	782618	67.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	97720	37.200	ng	99
3) Pyridine	3.475	79	243652	35.609	ng	99
4) n-Nitrosodimethylamine	3.440	42	178782	45.749	ng	93
6) Aniline	6.534	93	366455	38.437	ng	99
8) 2-Chlorophenol	6.634	128	298457	46.150	ng	99
9) Benzaldehyde	6.398	77	207562	52.361	ng	97
10) Phenol	6.504	94	372636	45.235	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	279100	46.020	ng	97
12) 1,3-Dichlorobenzene	6.787	146	319000	46.267	ng	99
13) 1,4-Dichlorobenzene	6.863	146	323370	46.434	ng	99
14) 1,2-Dichlorobenzene	7.016	146	303593	46.548	ng	99
15) Benzyl Alcohol	6.992	79	275706	45.647	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	453860	42.301	ng	95
17) 2-Methylphenol	7.104	107	250740	43.297	ng	97
18) Hexachloroethane	7.351	117	123223	47.720	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	212577	42.784	ng	100
20) 3+4-Methylphenols	7.257	107	307170	43.721	ng	93
22) Acetophenone	7.257	105	418890	45.412	ng	98
24) Nitrobenzene	7.434	77	334495	43.993	ng	97
25) Isophorone	7.669	82	582285	42.581	ng	98
26) 2-Nitrophenol	7.745	139	166885	45.753	ng	98
27) 2,4-Dimethylphenol	7.781	122	267071	46.256	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	337195	42.585	ng	100
29) 2,4-Dichlorophenol	7.987	162	252576	44.116	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	266508	45.113	ng	97
31) Naphthalene	8.151	128	833220	42.529	ng	99
32) Benzoic acid	7.910	122	186302	43.061	ng	92
33) 4-Chloroaniline	8.204	127	221802	26.466	ng	98
34) Hexachlorobutadiene	8.263	225	166058	44.561	ng	97
35) Caprolactam	8.575	113	78476m	41.629	ng	
36) 4-Chloro-3-methylphenol	8.686	107	282212	43.878	ng	98
37) 2-Methylnaphthalene	8.839	142	558536	40.315	ng	98
38) 1-Methylnaphthalene	8.939	142	510763	39.657	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	267700	49.293	ng	99
41) Hexachlorocyclopentadiene	8.992	237	160983	62.482	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	174097	47.092	ng	94

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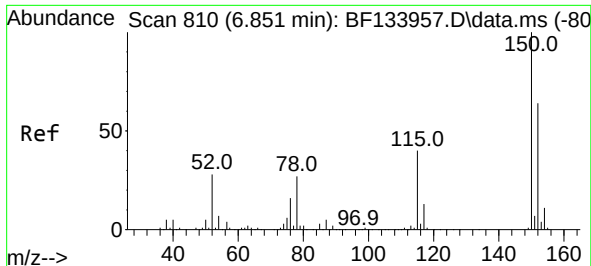
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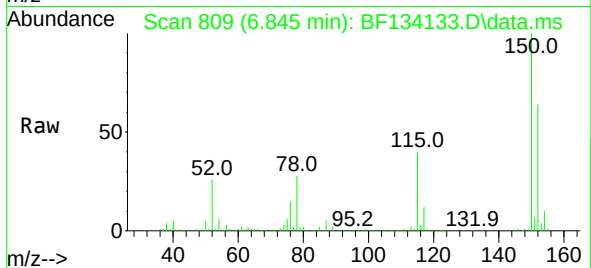
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	189141	43.494	ng	95
46) 1,1'-Biphenyl	9.310	154	670047	45.568	ng	97
47) 2-Chloronaphthalene	9.333	162	513479	47.728	ng	99
48) 2-Nitroaniline	9.433	65	181876	46.386	ng	97
49) Acenaphthylene	9.751	152	780159	42.450	ng	98
50) Dimethylphthalate	9.610	163	592580	44.534	ng	99
51) 2,6-Dinitrotoluene	9.675	165	133255	46.496	ng	# 87
52) Acenaphthene	9.922	154	457171	42.870	ng	98
53) 3-Nitroaniline	9.845	138	120459	35.035	ng	# 95
54) 2,4-Dinitrophenol	9.957	184	107584	65.725	ng	92
55) Dibenzofuran	10.098	168	702414	42.146	ng	99
56) 4-Nitrophenol	10.016	139	180564	75.079	ng	# 86
57) 2,4-Dinitrotoluene	10.086	165	164813	43.545	ng	98
58) Fluorene	10.445	166	539430	41.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	132858	38.732	ng	# 96
60) Diethylphthalate	10.316	149	578350	41.719	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	255624	40.909	ng	98
62) 4-Nitroaniline	10.469	138	107888	31.137	ng	89
63) Azobenzene	10.592	77	563253	42.953	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	71316	45.239	ng	# 59
66) n-Nitrosodiphenylamine	10.551	169	462052	50.014	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	158171	51.465	ng	96
68) Hexachlorobenzene	10.992	284	169749	52.020	ng	96
69) Atrazine	11.086	200	130947	51.243	ng	90
70) Pentachlorophenol	11.192	266	163164	83.627	ng	97
71) Phenanthrene	11.410	178	655366	45.023	ng	99
72) Anthracene	11.463	178	679170	44.858	ng	99
73) Carbazole	11.622	167	593254	42.809	ng	98
74) Di-n-butylphthalate	11.951	149	721969	43.809	ng	99
75) Fluoranthene	12.604	202	644263	40.940	ng	99
77) Benzidine	12.733	184	33024	7.421	ng	# 72
78) Pyrene	12.839	202	651268	37.418	ng	99
80) Butylbenzylphthalate	13.457	149	262371	40.193	ng	98
81) Benzo(a)anthracene	14.033	228	559049	43.101	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	120293	29.273	ng	# 96
83) Chrysene	14.068	228	551093	43.867	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	325872	43.445	ng	97
85) Di-n-octyl phthalate	14.639	149	605842	54.969	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	630354	40.698	ng	98
88) Benzo(b)fluoranthene	15.104	252	591155	45.041	ng	99
89) Benzo(k)fluoranthene	15.133	252	604699	45.251	ng	98
90) Benzo(a)pyrene	15.480	252	536062	42.237	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	524570	41.465	ng	97
92) Benzo(g,h,i)perylene	17.562	276	499250	38.268	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: BF134133.D
Acq: 07 Jul 2023 12:23

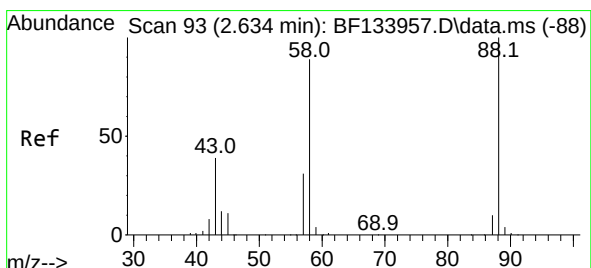
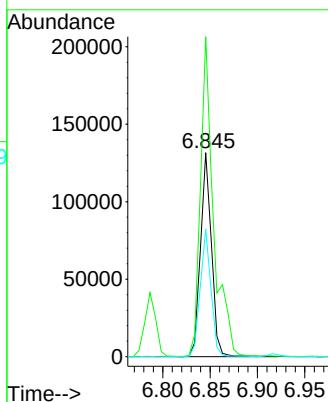
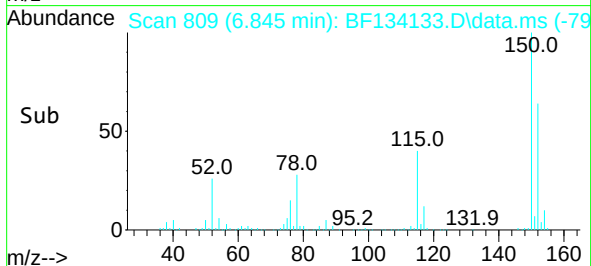
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion:152 Resp: 10656
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 62.6 50.2 75.2

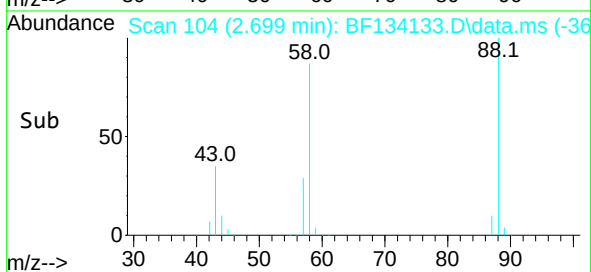
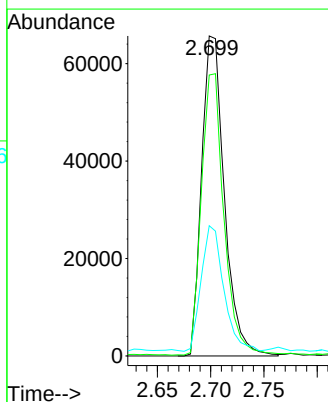
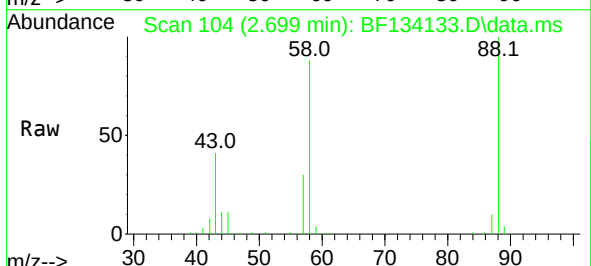
Manual Integrations
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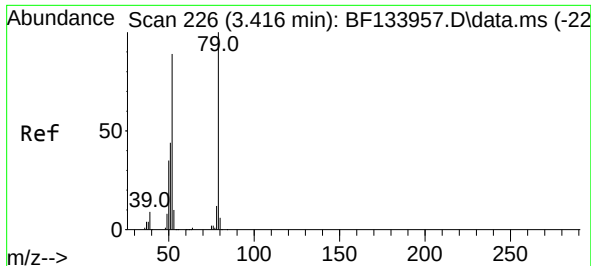
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#2
1,4-Dioxane
Concen: 37.200 ng
RT: 2.699 min Scan# 104
Delta R.T. 0.053 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

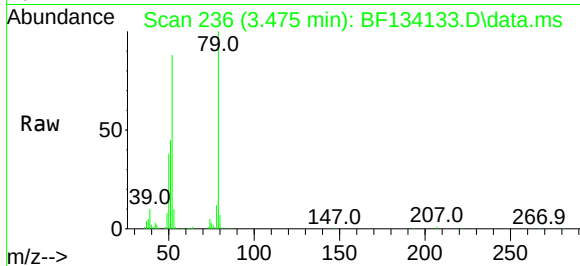
Tgt Ion: 88 Resp: 97720
Ion Ratio Lower Upper
88 100
58 87.3 68.8 103.2
43 38.9 30.7 46.1





#3
Pyridine
Concen: 35.609 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

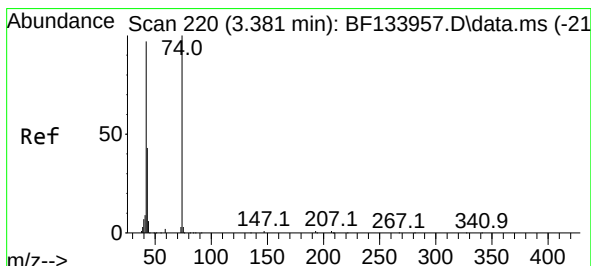
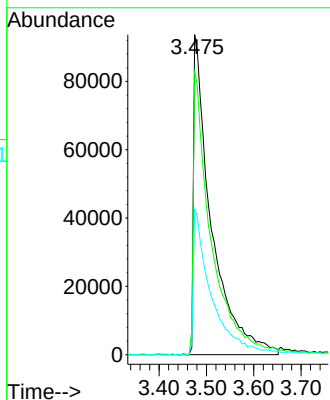
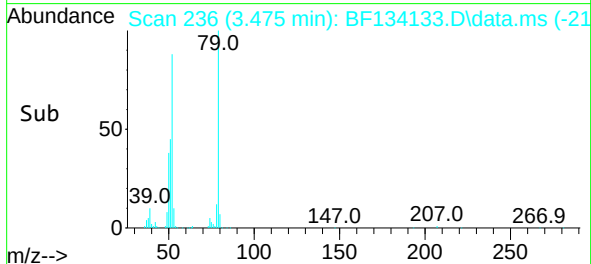
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



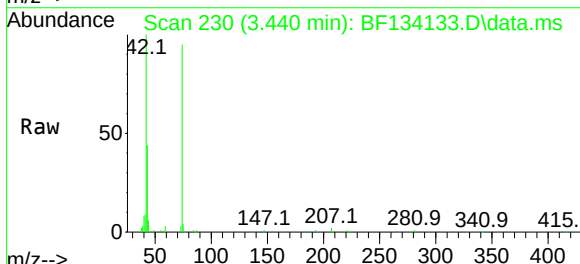
Tgt Ion: 79 Resp: 243652
Ion Ratio Lower Upper
79 100
52 88.3 71.1 106.7
51 45.4 35.2 52.8

Manual Integrations
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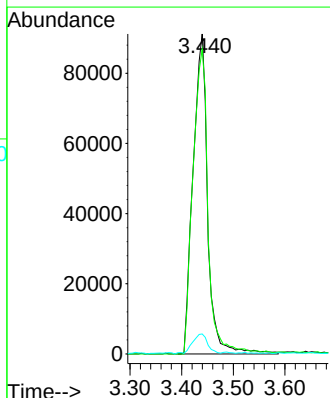
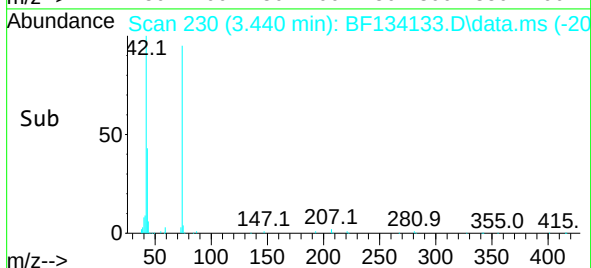
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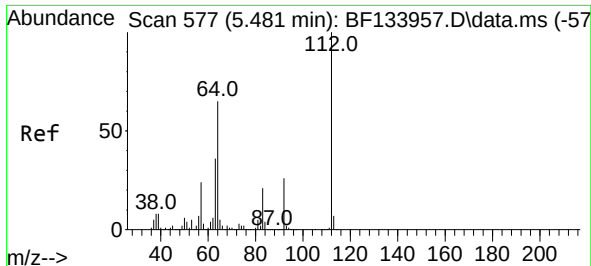


#4
n-Nitrosodimethylamine
Concen: 45.749 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.035 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



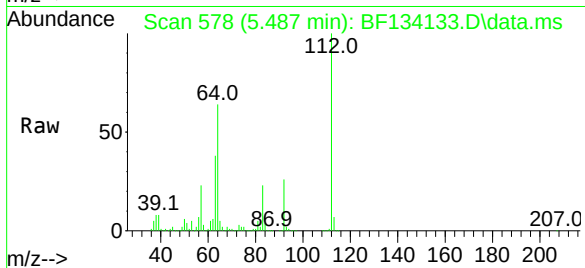
Tgt Ion: 42 Resp: 178782
Ion Ratio Lower Upper
42 100
74 95.3 82.4 123.6
44 6.3 4.9 7.3





#5
2-Fluorophenol
Concen: 113.989 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

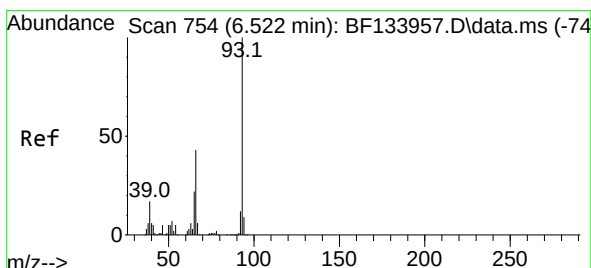
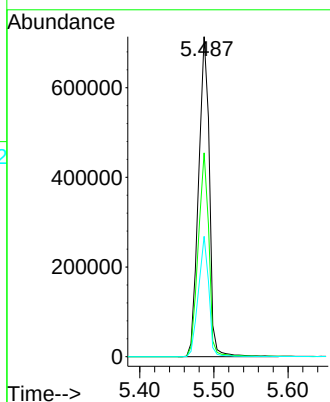
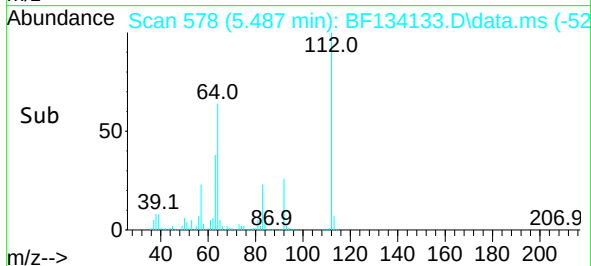
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion:112 Resp: 726200
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 37.6 28.6 42.8

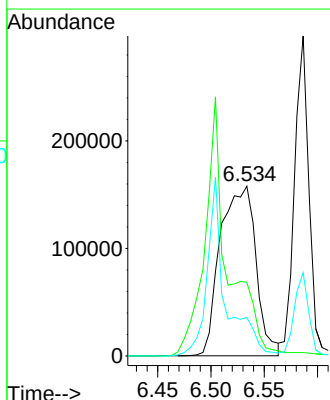
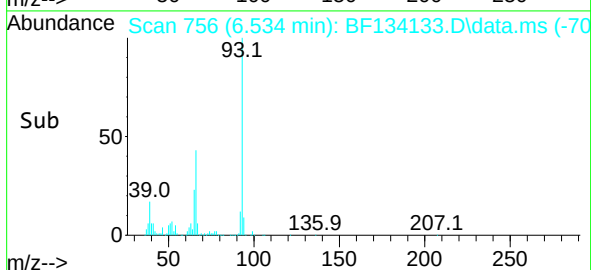
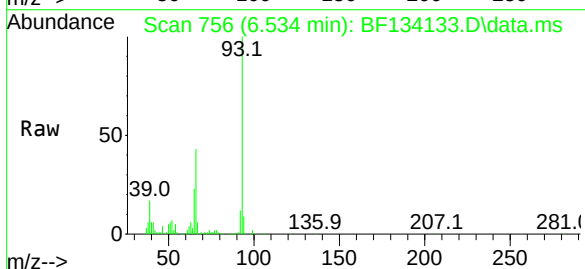
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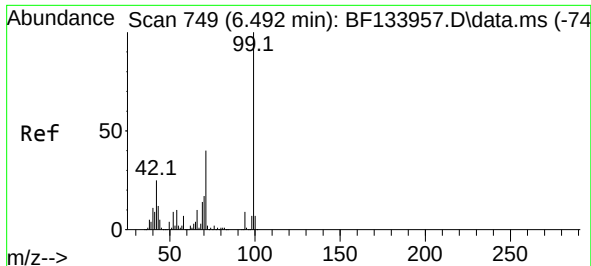
Reviewed By :Yogesh Patel 07/07/2023
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#6
Aniline
Concen: 38.437 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

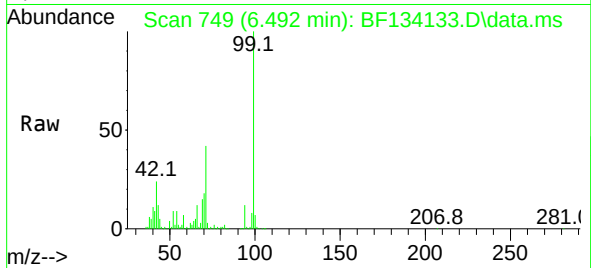
Tgt Ion: 93 Resp: 366455
Ion Ratio Lower Upper
93 100
66 43.3 34.5 51.7
65 22.7 17.8 26.6





#7
Phenol-d6
Concen: 112.062 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

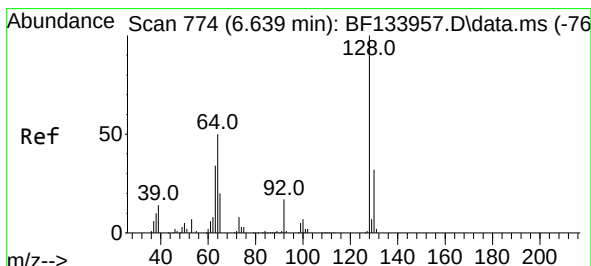
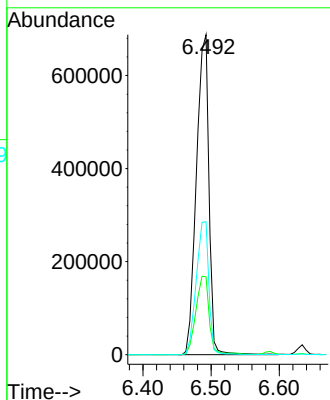
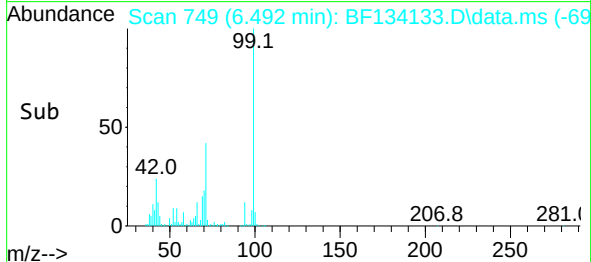
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Tgt Ion: 99 Resp: 877992
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.6 31.9 47.9

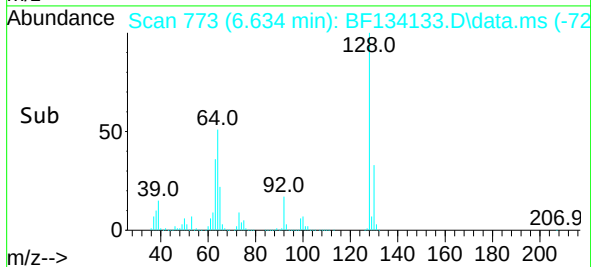
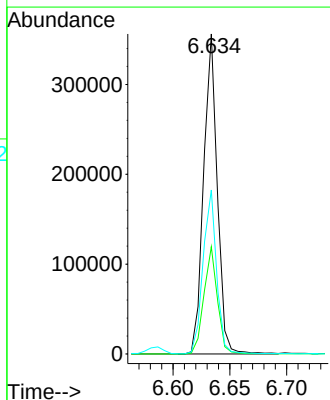
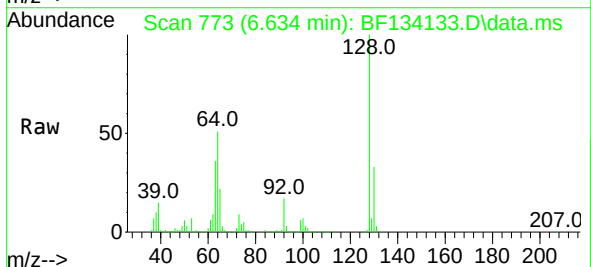
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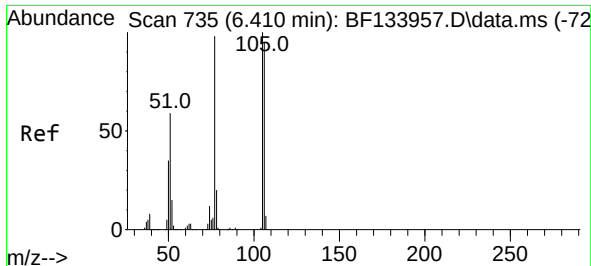
Reviewed By :Yogesh Patel 07/07/2023
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#8
2-Chlorophenol
Concen: 46.150 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

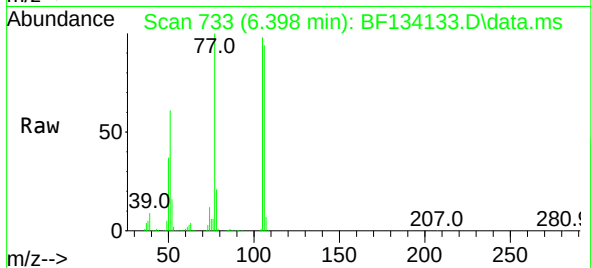
Tgt Ion:128 Resp: 298457
Ion Ratio Lower Upper
128 100
130 33.5 11.7 51.7
64 51.3 31.3 71.3





#9
Benzaldehyde
Concen: 52.361 ng
RT: 6.398 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

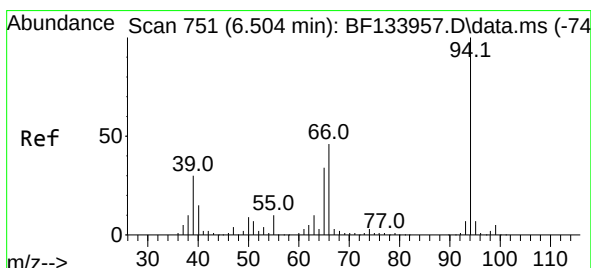
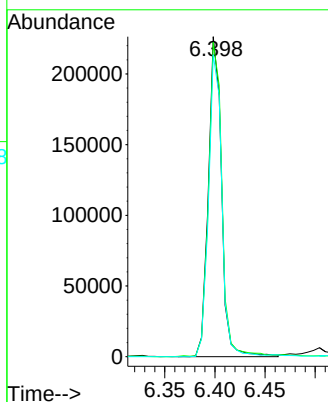
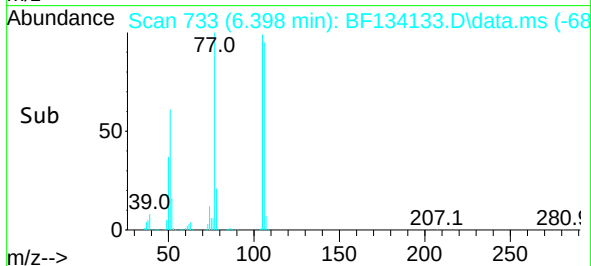
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion: 77 Resp: 207562
Ion Ratio Lower Upper
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105 98.2 82.0 122.0
106 94.4 76.9 116.9

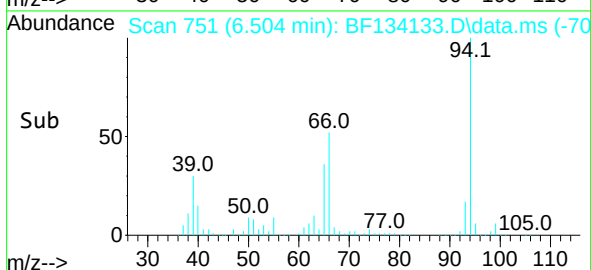
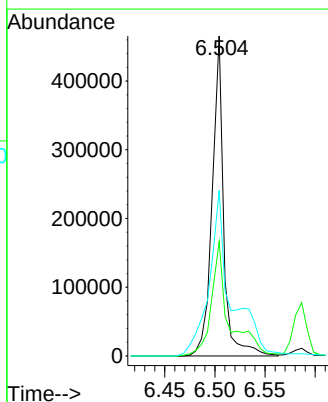
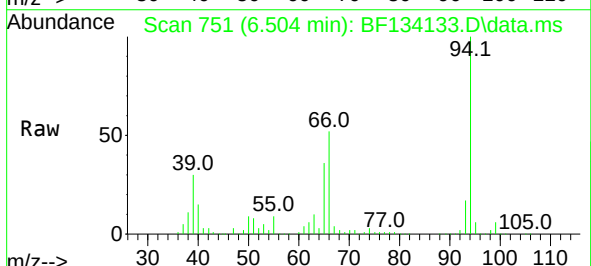
Manual Integrations
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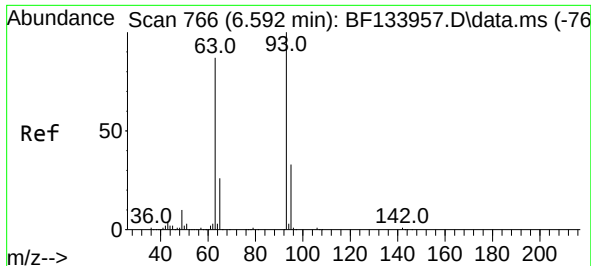
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#10
Phenol
Concen: 45.235 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion: 94 Resp: 372636
Ion Ratio Lower Upper
94 100
65 35.7 14.2 54.2
66 51.8 26.4 66.4





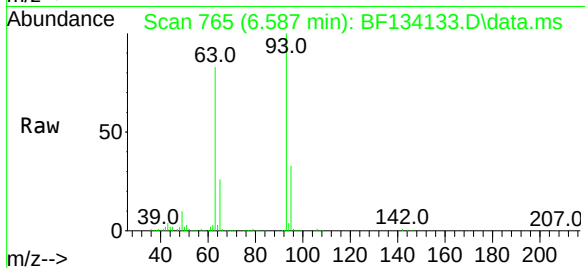
#11
bis(2-Chloroethyl)ether
Concen: 46.020 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

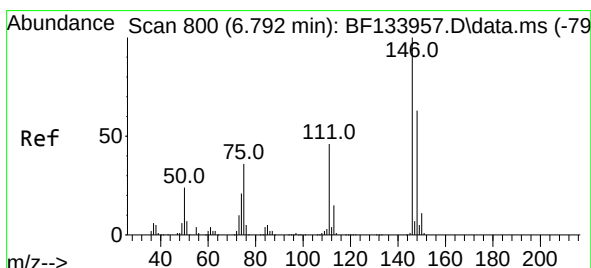
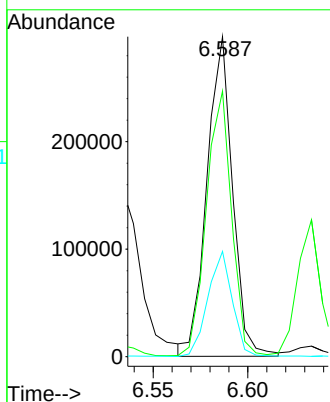
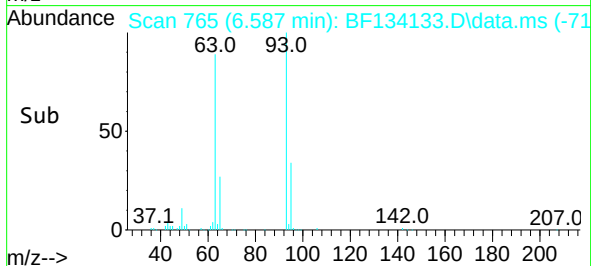
SB-2(8-10)MSD



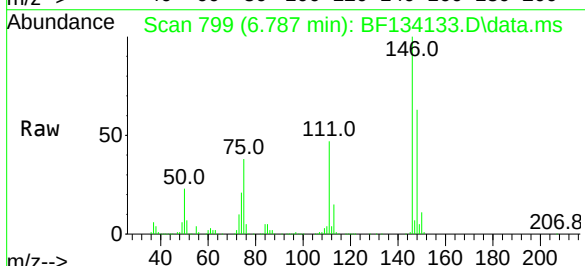
Tgt Ion: 93 Resp: 279100
Ion Ratio Lower Upper
93 100
63 83.0 66.5 106.5
95 32.9 12.9 52.9

Manual Integrations
APPROVED

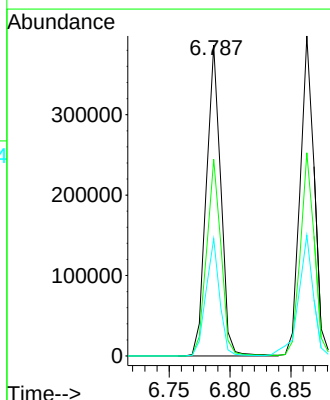
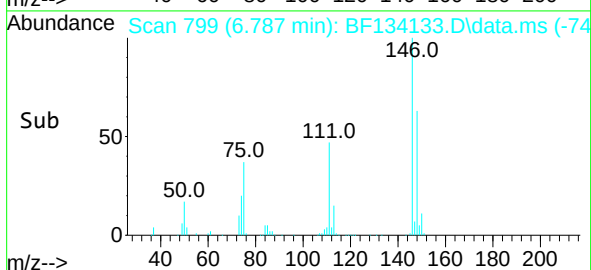
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

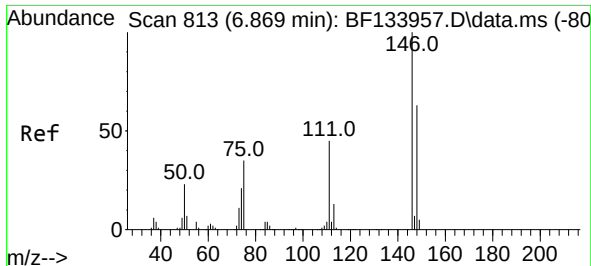


#12
1,3-Dichlorobenzene
Concen: 46.267 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:146 Resp: 319000
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 37.8 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 46.434 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD

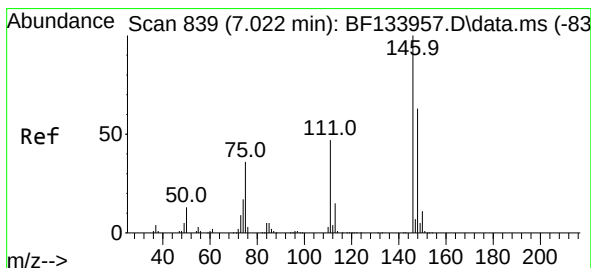
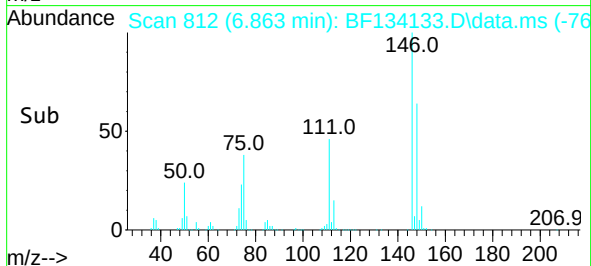
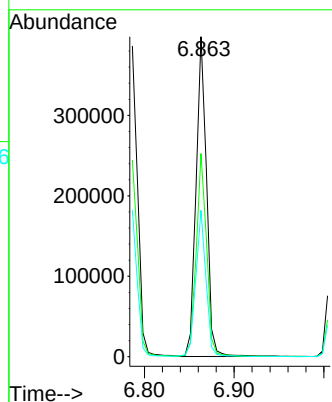
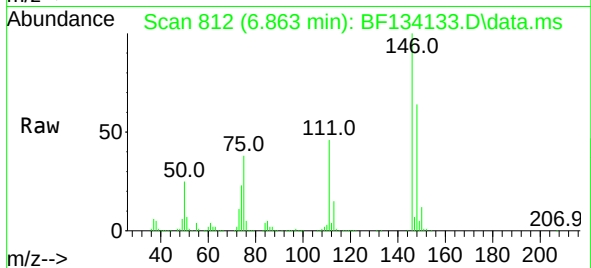
Tgt Ion:146 Resp: 323370
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.2 75.2
 111 45.7 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#14

1,2-Dichlorobenzene

Concen: 46.548 ng

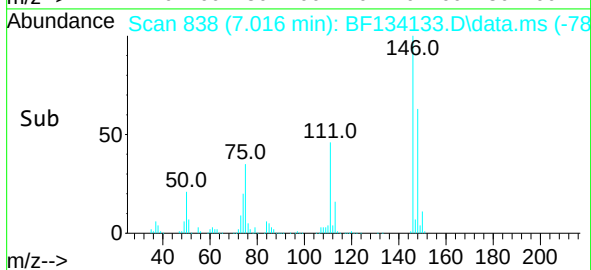
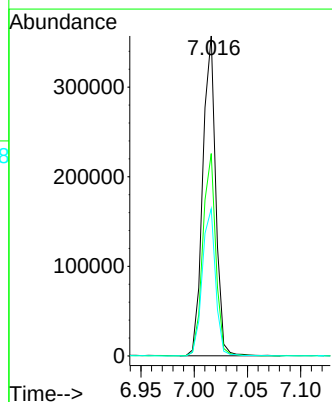
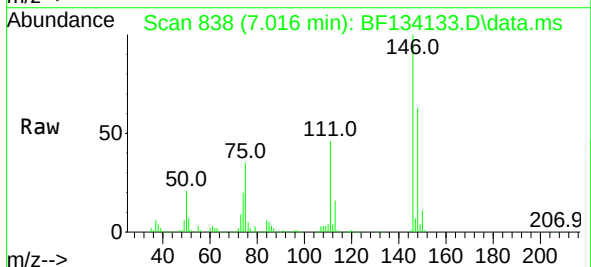
RT: 7.016 min Scan# 838

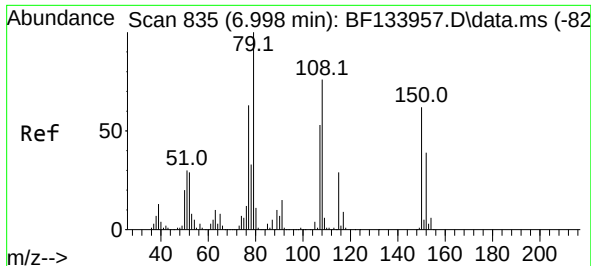
Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

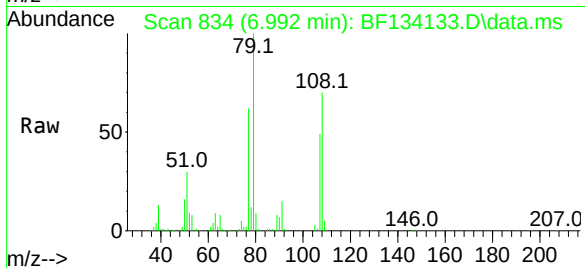
Tgt Ion:146 Resp: 303593
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 46.0 38.0 57.0





#15
Benzyl Alcohol
Concen: 45.647 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

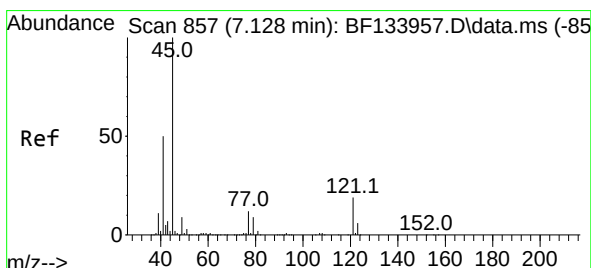
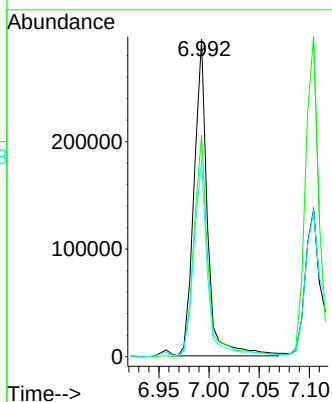
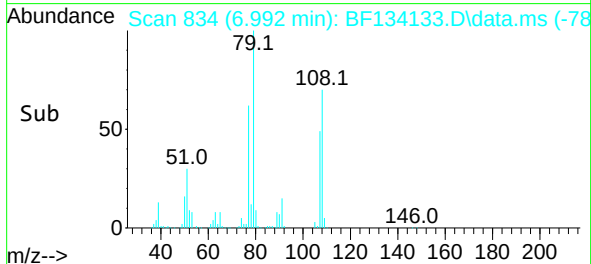
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion: 79 Resp: 275700
Ion Ratio Lower Upper
79 100
108 69.7 60.7 91.1
77 62.0 50.6 75.8

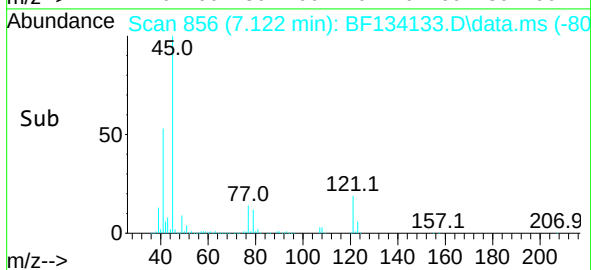
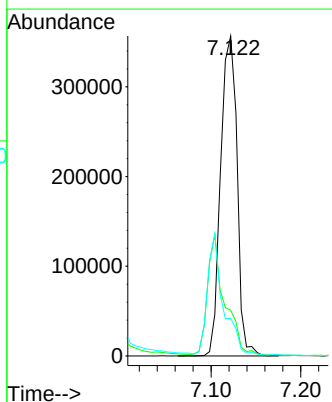
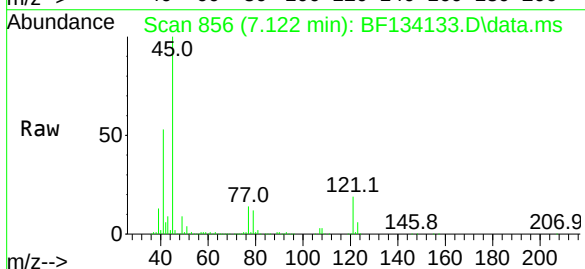
Manual Integrations
APPROVED

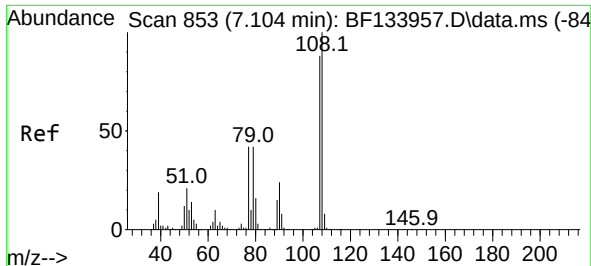
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.301 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion: 45 Resp: 453860
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.9
79 11.8 0.0 29.5





#17

2-Methylphenol

Concen: 43.297 ng

RT: 7.104 min Scan# 853

Delta R.T. -0.006 min

Lab File: BF134133.D

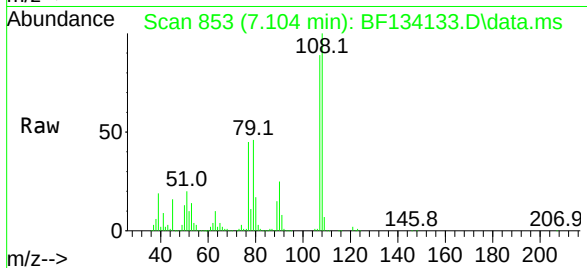
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



Tgt Ion:107 Resp: 250740

Ion Ratio Lower Upper

107 100

108 112.1 90.6 136.0

77 50.9 38.3 57.5

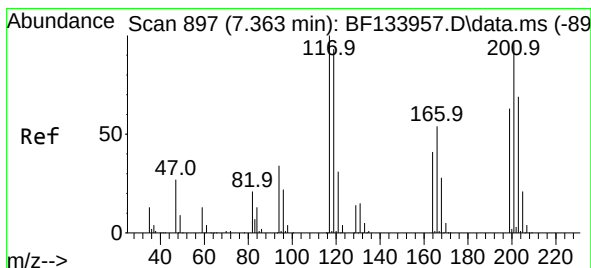
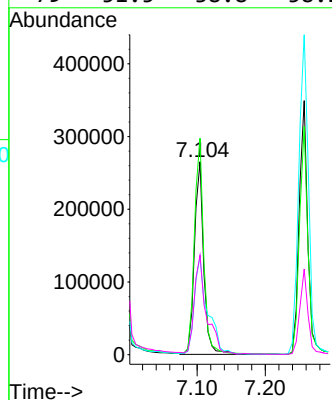
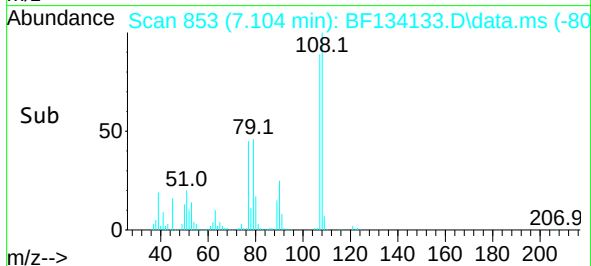
79 51.5 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#18

Hexachloroethane

Concen: 47.720 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

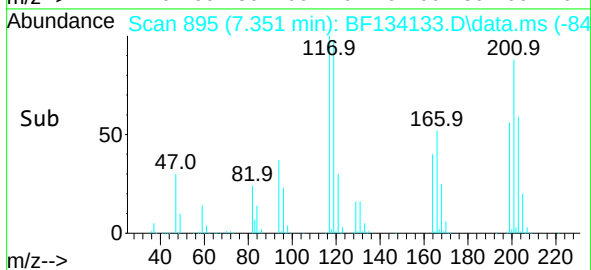
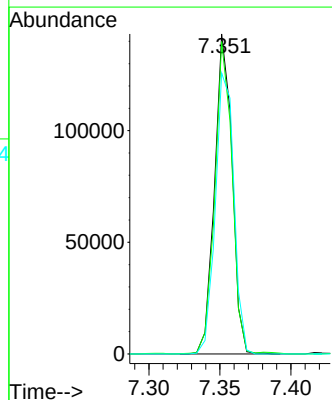
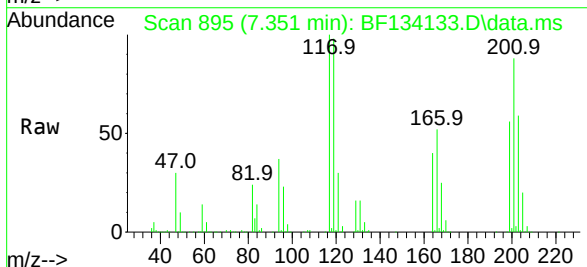
Tgt Ion:117 Resp: 123223

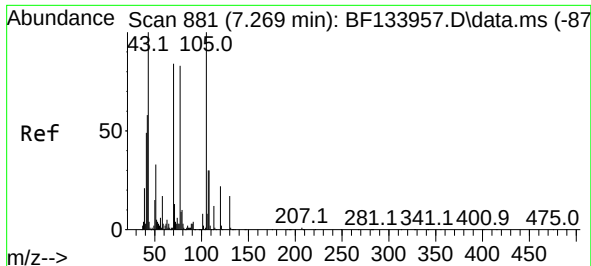
Ion Ratio Lower Upper

117 100

119 97.6 74.2 111.4

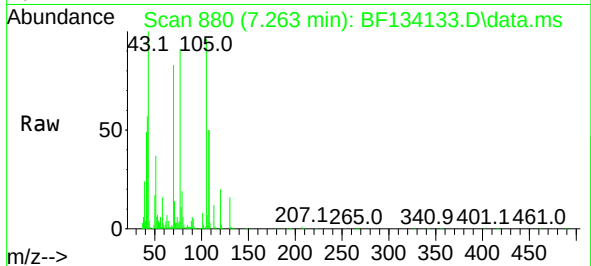
201 87.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.784 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

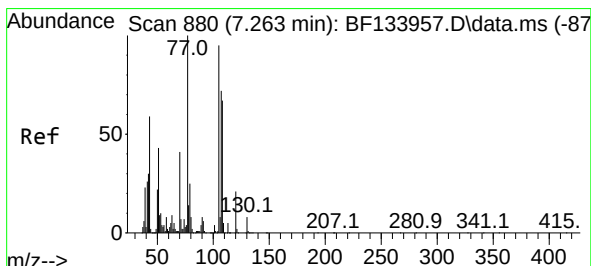
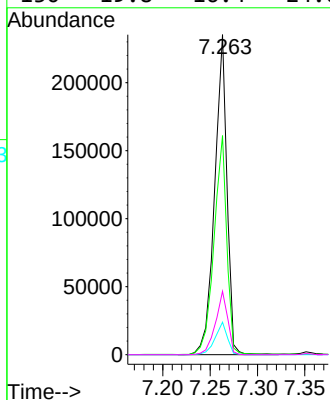
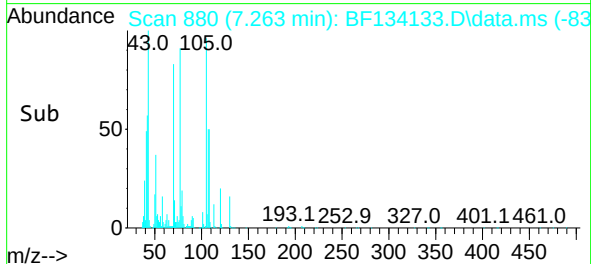
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



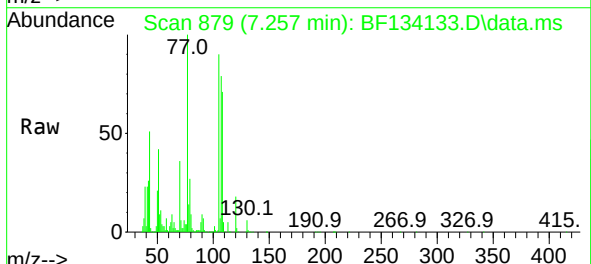
Tgt Ion: 70 Resp: 21257
Ion Ratio Lower Upper
70 100
42 68.4 54.7 82.1
101 10.2 7.7 11.5
130 19.8 16.4 24.6

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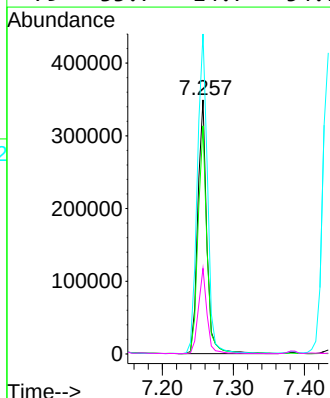
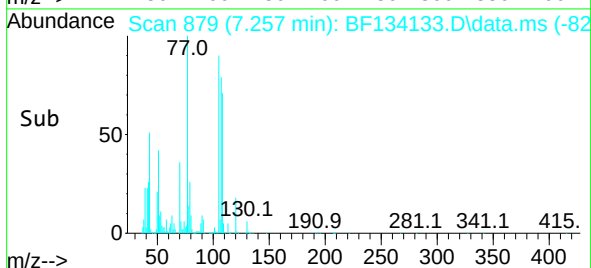
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

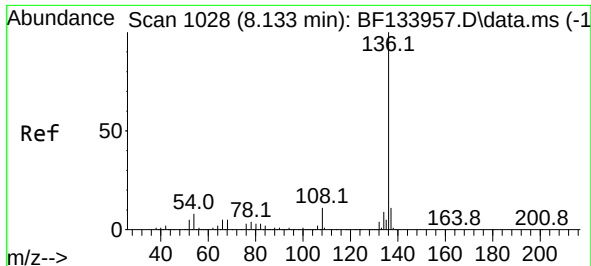


#20
3+4-Methylphenols
Concen: 43.721 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



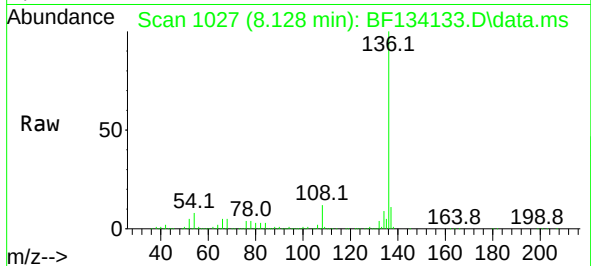
Tgt Ion:107 Resp: 307170
Ion Ratio Lower Upper
107 100
108 89.8 73.2 113.2
77 126.0 118.3 158.3
79 33.7 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

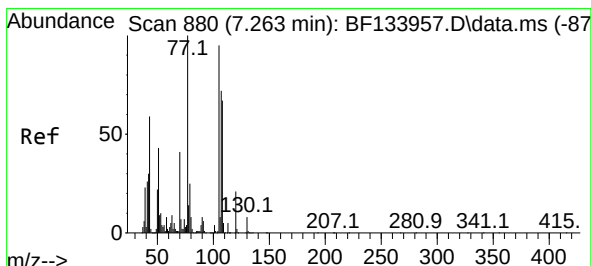
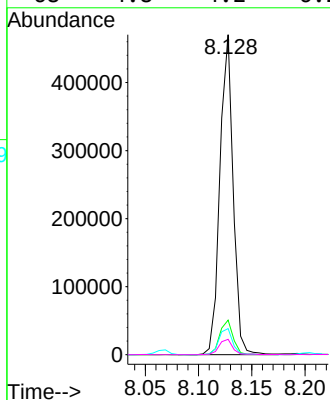
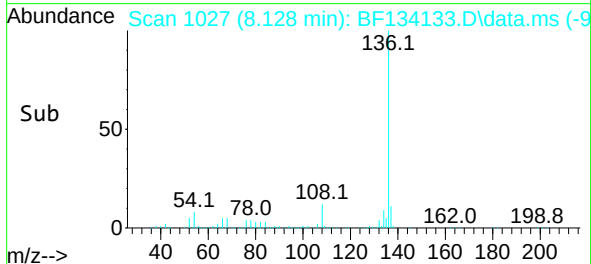
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion:136 Resp: 40559
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.1 6.5 9.7
68 4.8 4.2 6.2

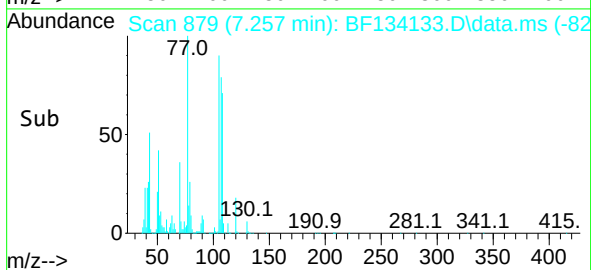
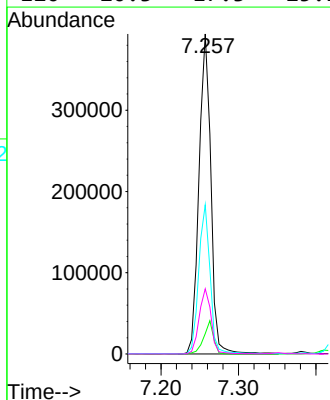
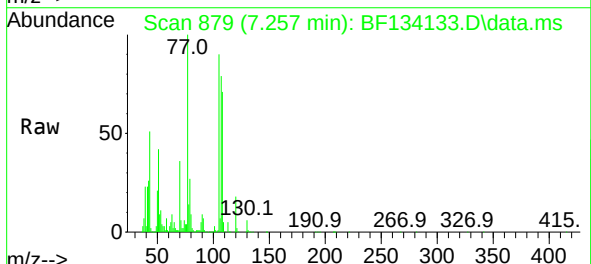
Manual Integrations
APPROVED

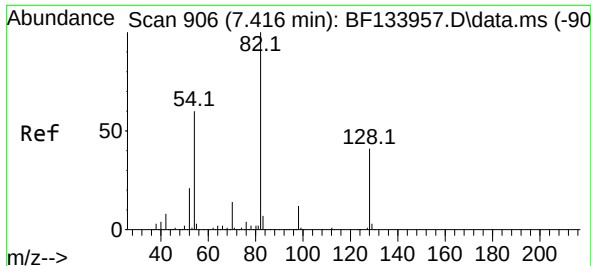
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#22
Acetophenone
Concen: 45.412 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion:105 Resp: 418890
Ion Ratio Lower Upper
105 100
71 6.3 5.5 8.3
51 46.6 36.5 54.7
120 20.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 79.439 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD

Tgt Ion: 82 Resp: 597719

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

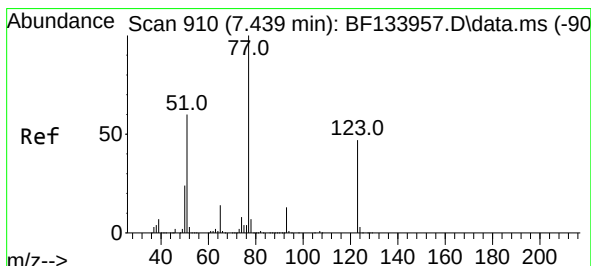
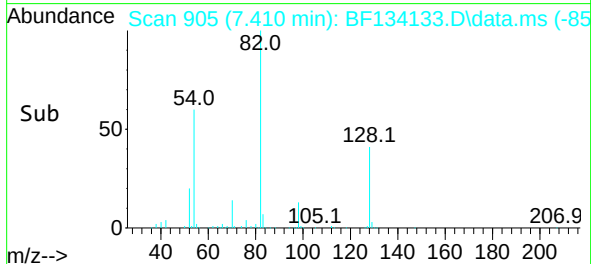
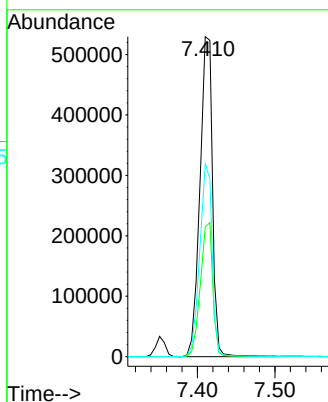
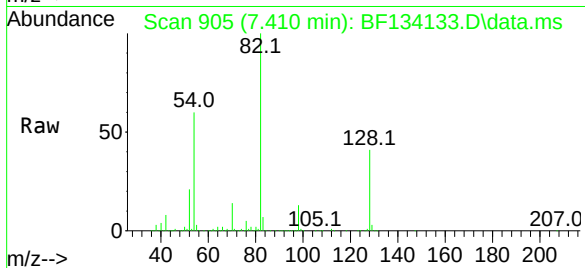
54 60.3 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#24

Nitrobenzene

Concen: 43.993 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

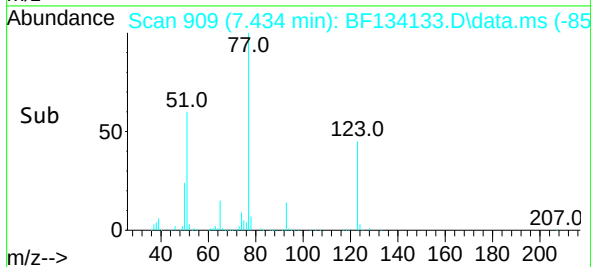
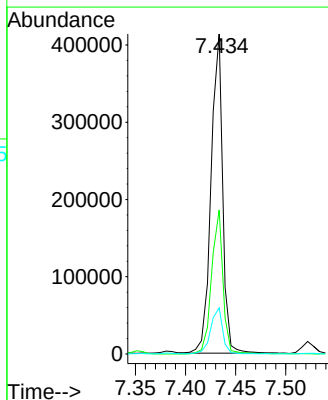
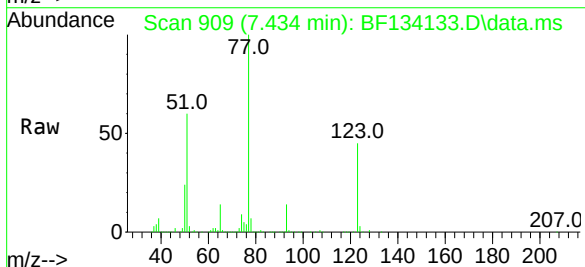
Tgt Ion: 77 Resp: 334495

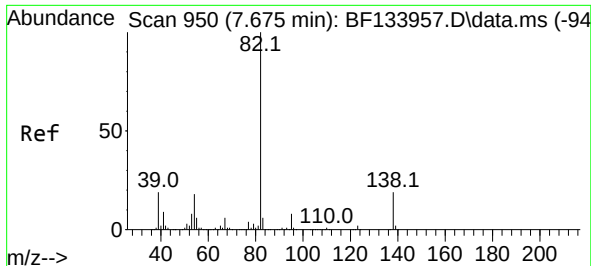
Ion Ratio Lower Upper

77 100

123 45.0 37.8 56.6

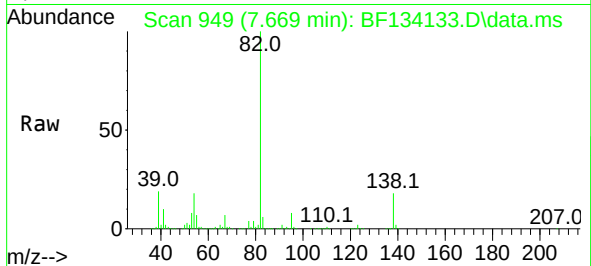
65 14.4 11.3 16.9





#25
Isophorone
Concen: 42.581 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

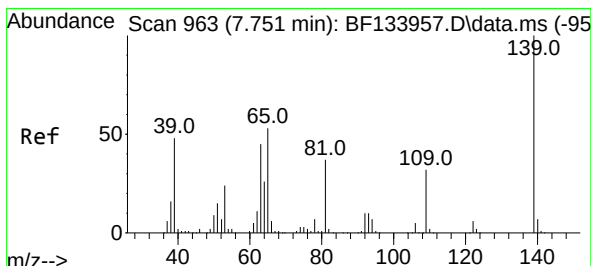
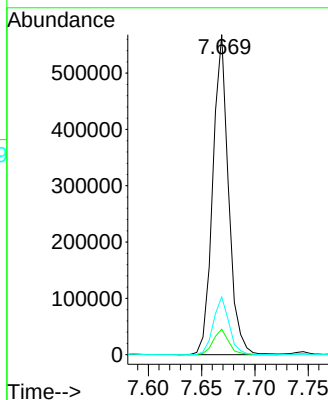
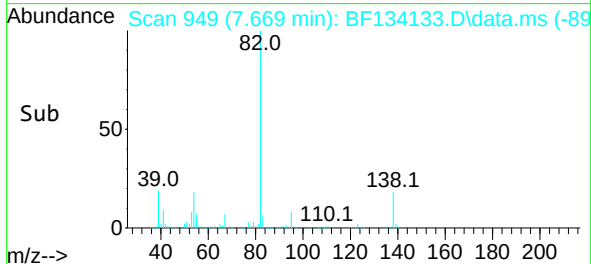
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion: 82 Resp: 582285
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.1 15.2 22.8

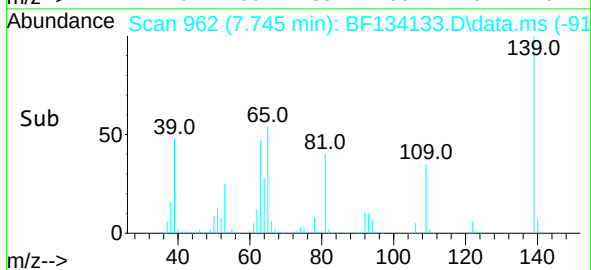
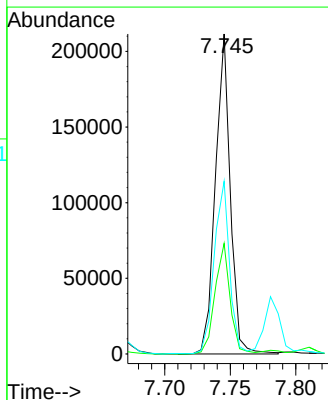
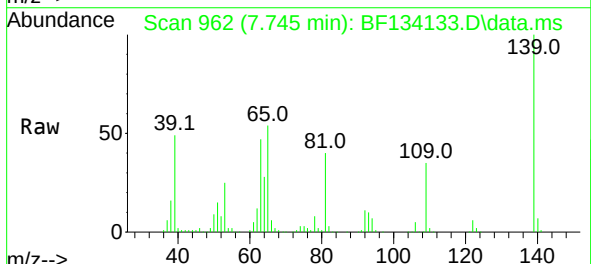
Manual Integrations
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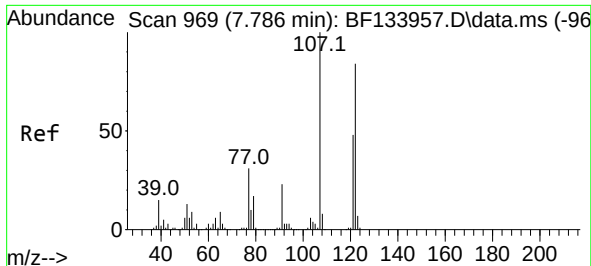
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#26
2-Nitrophenol
Concen: 45.753 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion:139 Resp: 166885
Ion Ratio Lower Upper
139 100
109 34.6 25.8 38.8
65 53.9 42.4 63.6





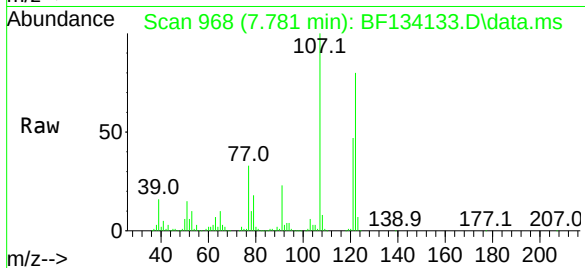
#27
2,4-Dimethylphenol
Concen: 46.256 ng
RT: 7.781 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



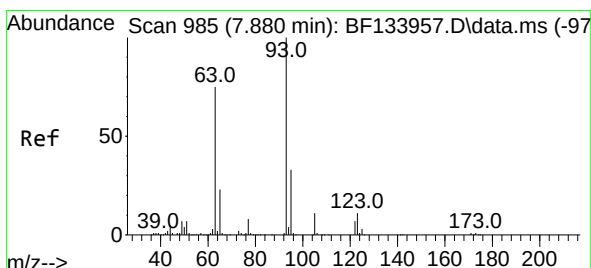
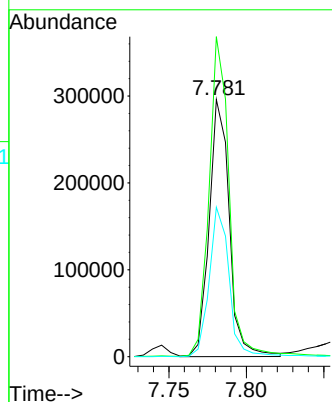
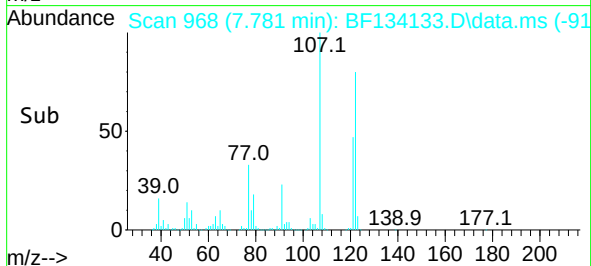
Tgt Ion:122 Resp: 26707
Ion Ratio Lower Upper
122 100
107 124.5 95.5 143.3
121 58.2 45.5 68.3

Manual Integrations

APPROVED

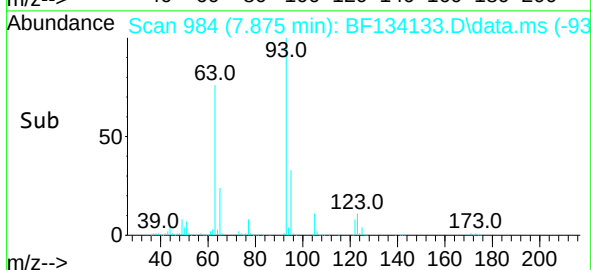
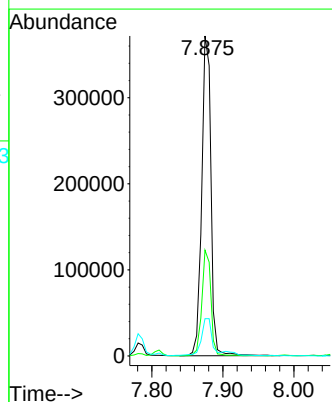
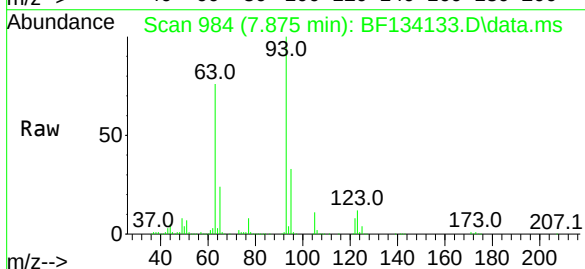
Reviewed By :Yogesh Patel 07/07/2023

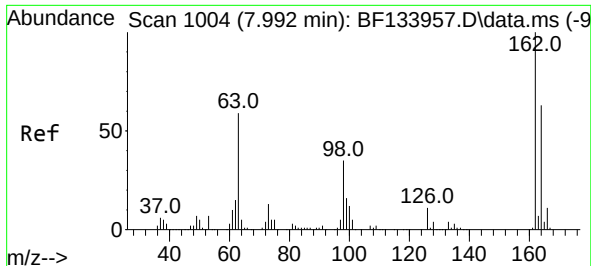
Supervised By :mohammad ahmed 07/09/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.585 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion: 93 Resp: 337195
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.116 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134133.D

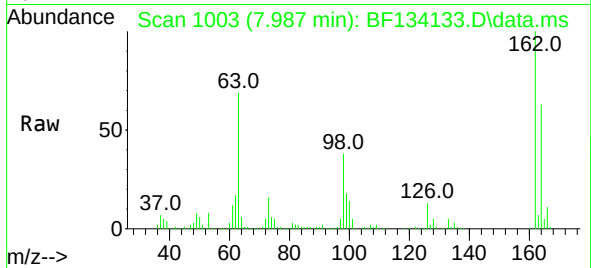
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



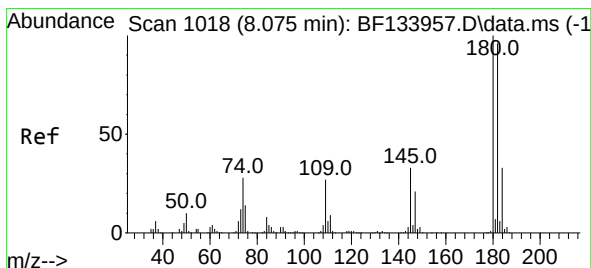
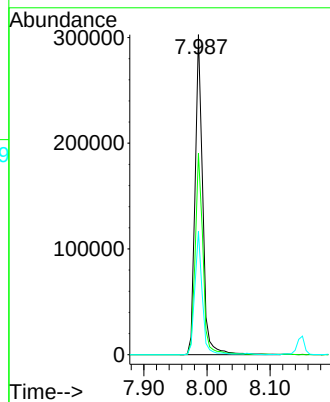
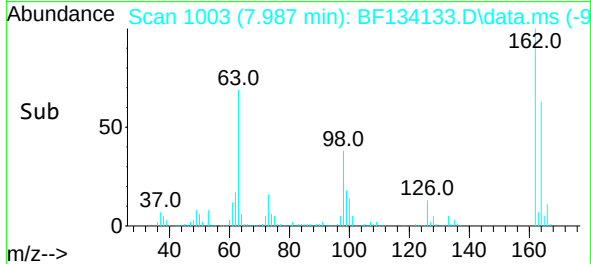
Tgt Ion:	162	Resp:	252570
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.2	83.2
98	38.5	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.113 ng

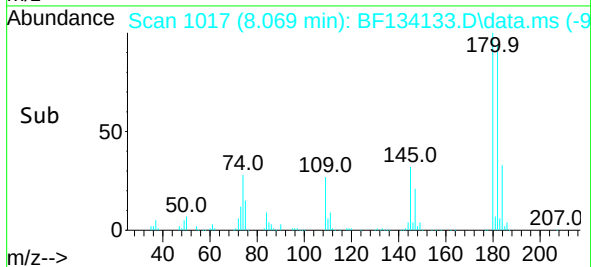
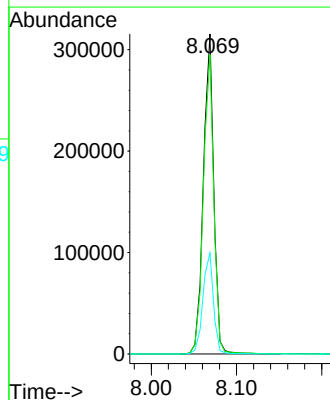
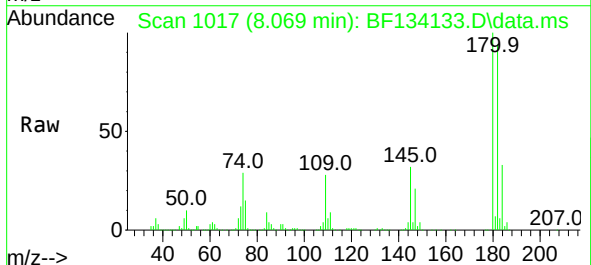
RT: 8.069 min Scan# 1017

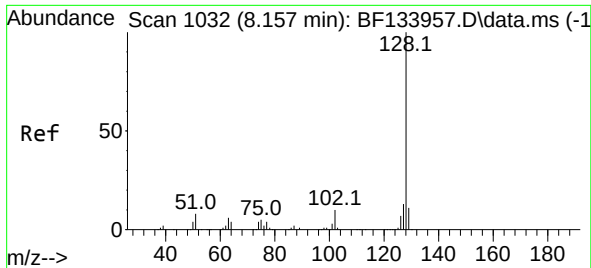
Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

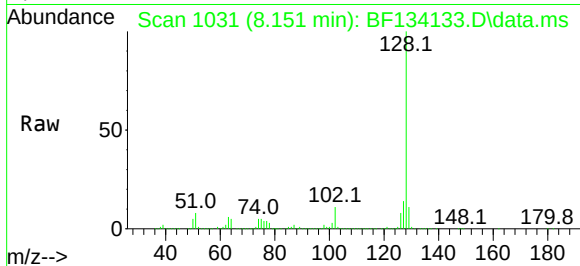
Tgt Ion:	180	Resp:	266508
Ion Ratio	Lower	Upper	
180	100		
182	93.6	77.1	115.7
145	31.5	26.0	39.0





#31
Naphthalene
Concen: 42.529 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

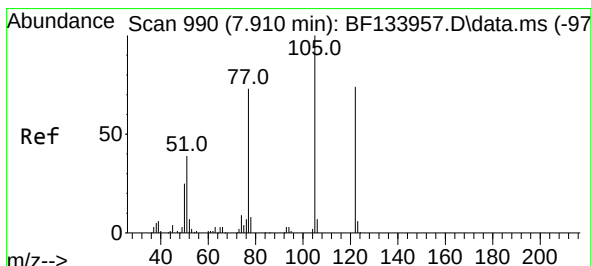
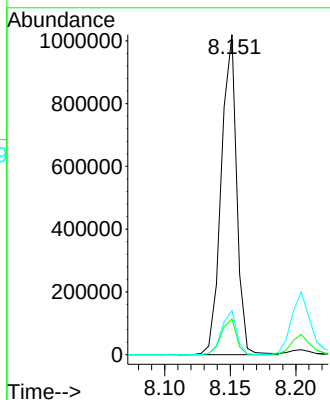
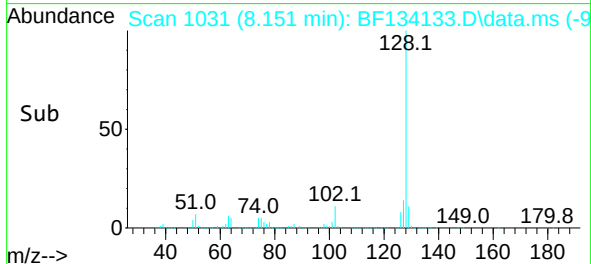
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion:128 Resp: 833220
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.8 10.6 15.8

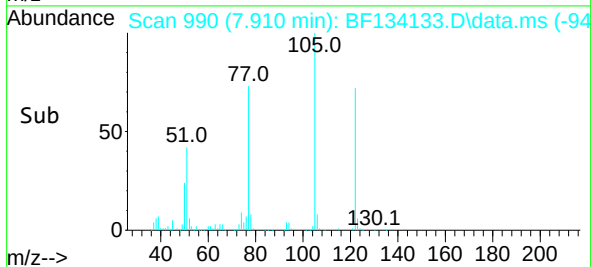
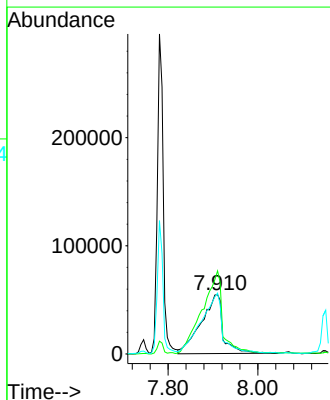
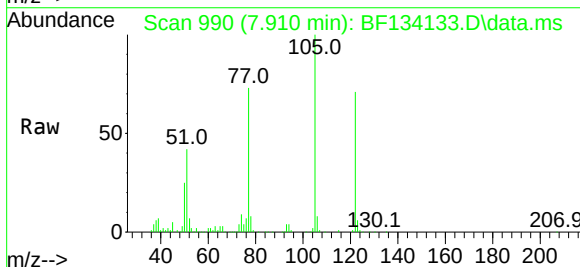
Manual Integrations
APPROVED

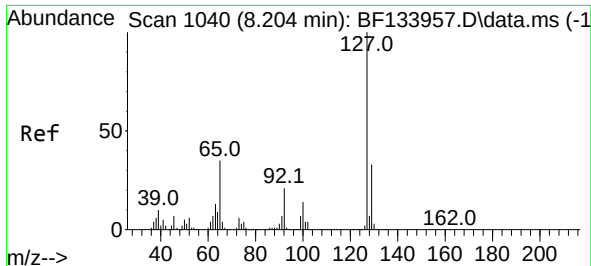
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#32
Benzoic acid
Concen: 43.061 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion:122 Resp: 186302
Ion Ratio Lower Upper
122 100
105 139.9 109.7 149.7
77 102.6 76.0 116.0





#33
4-Chloroaniline
Concen: 26.466 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

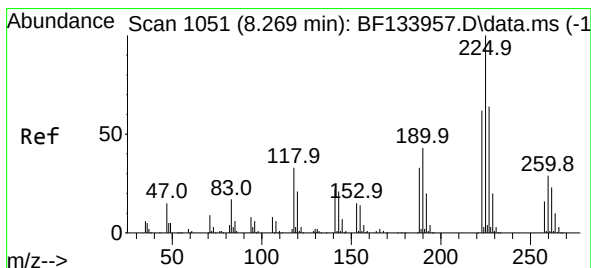
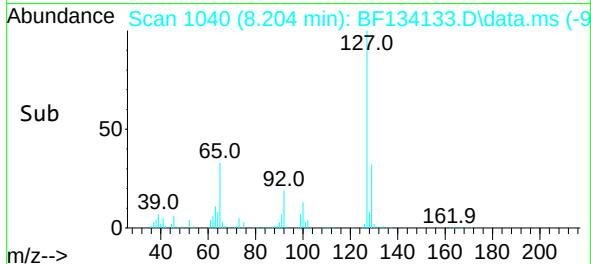
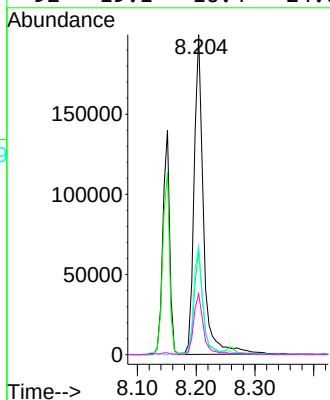
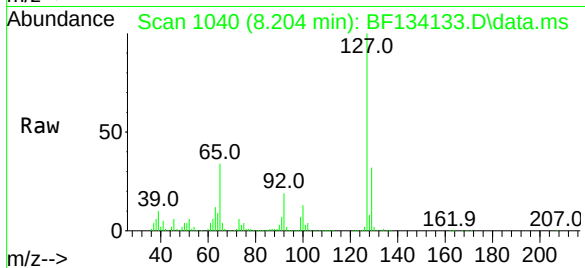
SB-2(8-10)MSD

Tgt Ion:127 Resp: 221802
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 33.9 27.8 41.8
92 19.1 16.4 24.6

Manual Integrations

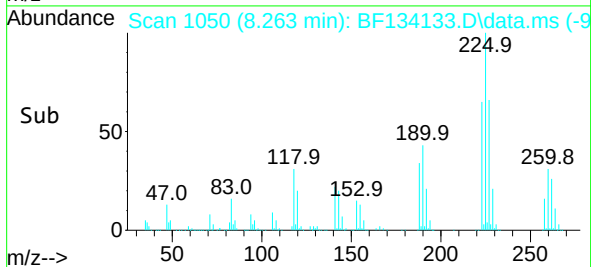
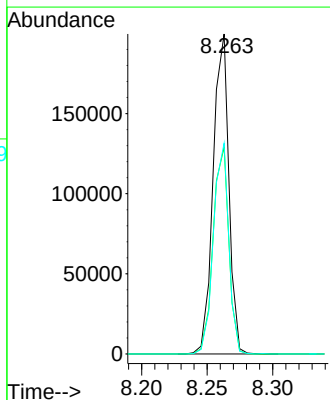
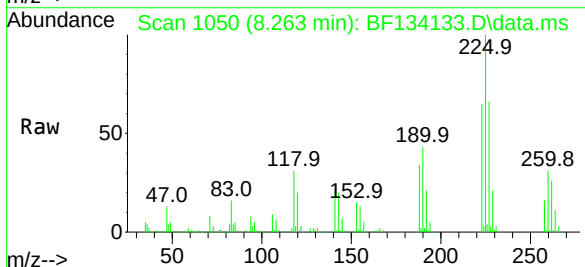
APPROVED

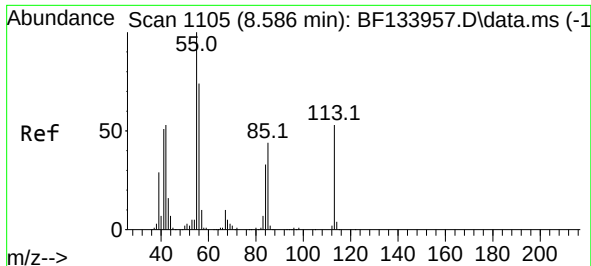
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#34
Hexachlorobutadiene
Concen: 44.561 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

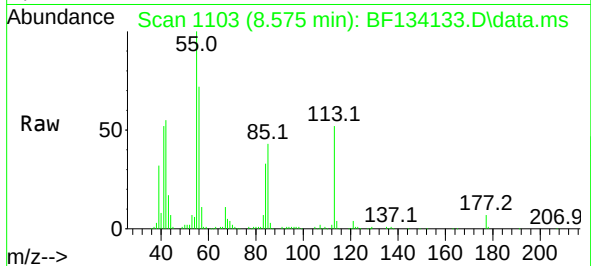
Tgt Ion:225 Resp: 166058
Ion Ratio Lower Upper
225 100
223 64.7 49.8 74.8
227 65.9 51.0 76.4





#35
Caprolactam
Concen: 41.629 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.018 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

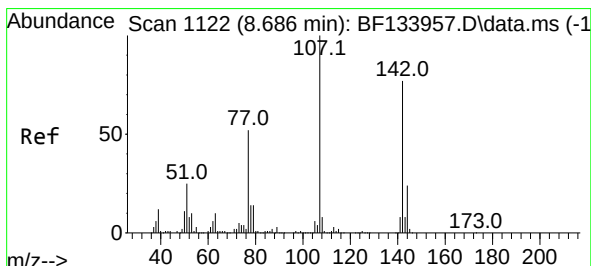
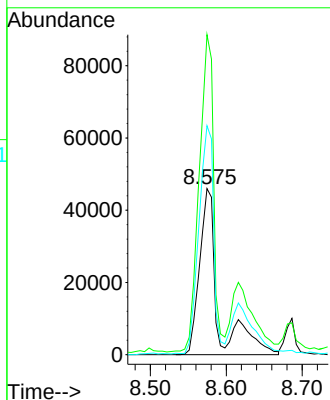
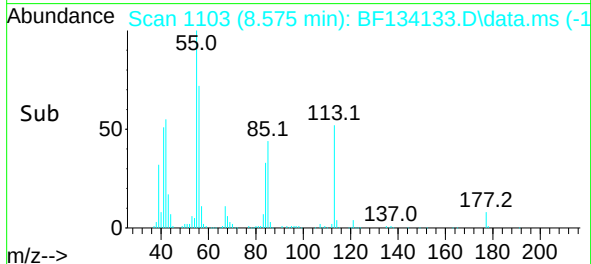
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion:113 Resp: 78470
Ion Ratio Lower Upper
113 100
55 192.7 170.2 210.2
56 137.8 121.4 161.4

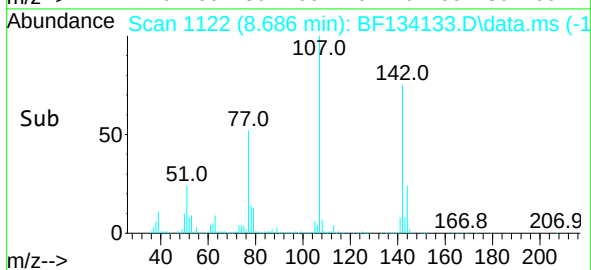
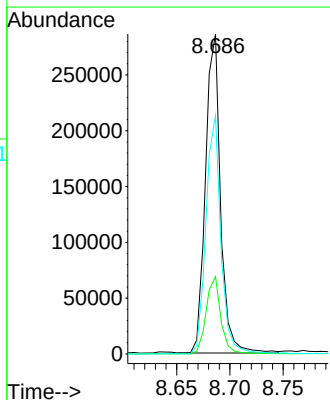
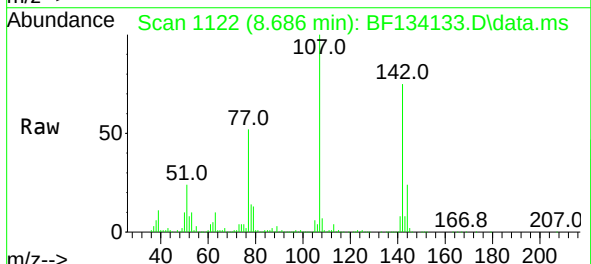
Manual Integrations
APPROVED

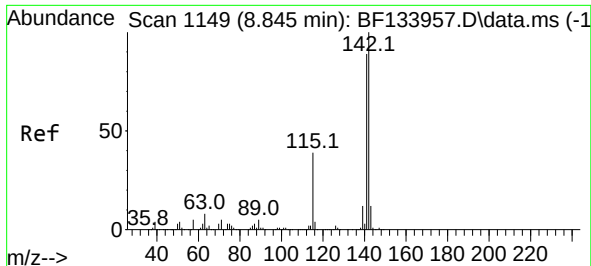
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#36
4-Chloro-3-methylphenol
Concen: 43.878 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion:107 Resp: 282212
Ion Ratio Lower Upper
107 100
144 24.2 19.6 29.4
142 74.6 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.315 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD

Tgt Ion:142 Resp: 558530

Ion Ratio Lower Upper

142 100

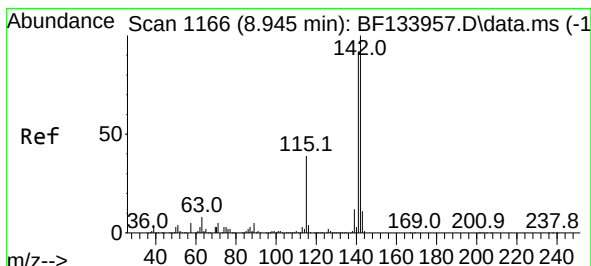
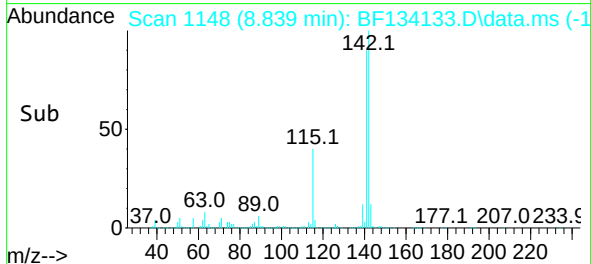
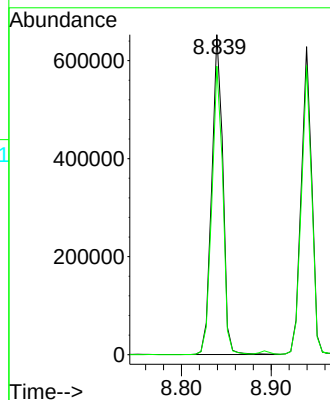
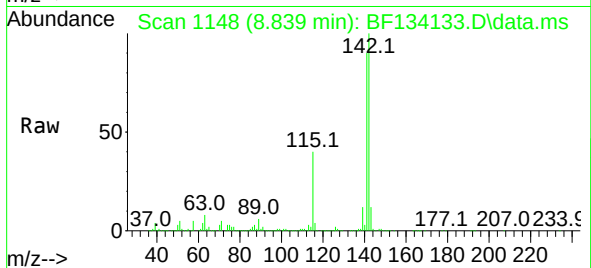
141 90.1 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#38

1-Methylnaphthalene

Concen: 39.657 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134133.D

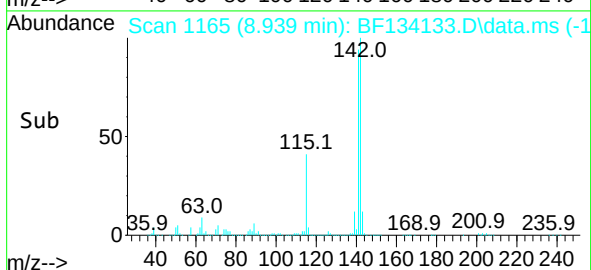
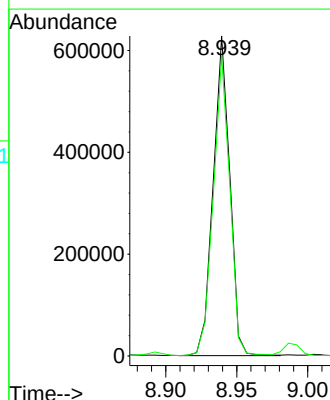
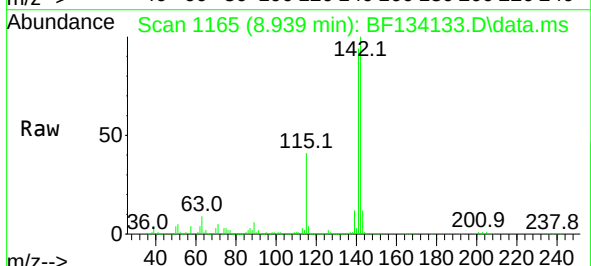
Acq: 07 Jul 2023 12:23

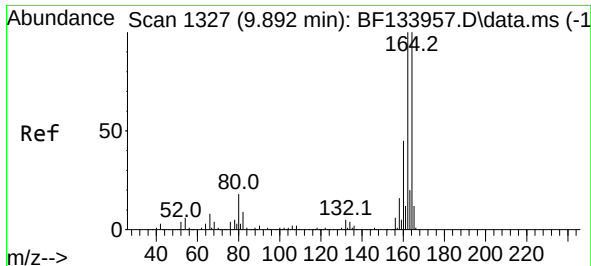
Tgt Ion:142 Resp: 510763

Ion Ratio Lower Upper

142 100

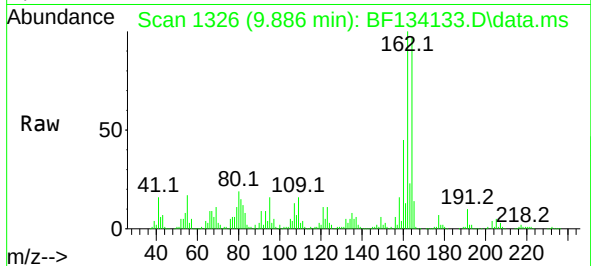
141 93.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

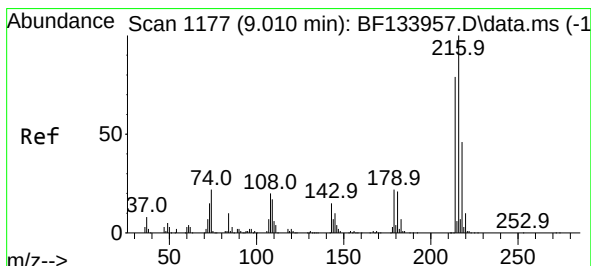
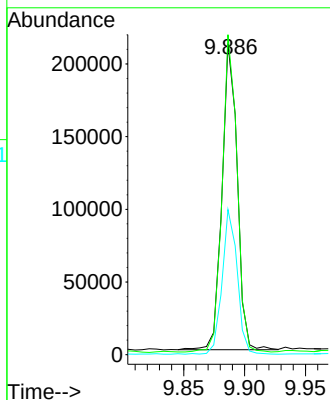
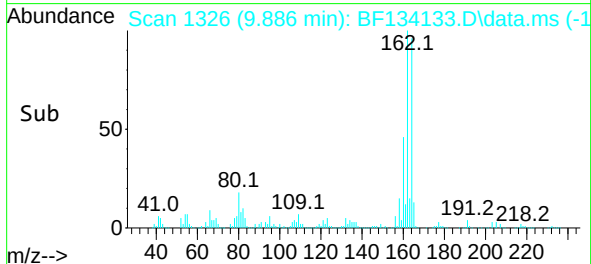
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



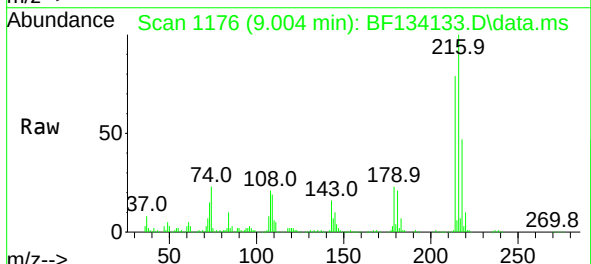
Tgt Ion:164 Resp: 18330
Ion Ratio Lower Upper
164 100
162 102.9 80.0 120.0
160 46.7 35.9 53.9

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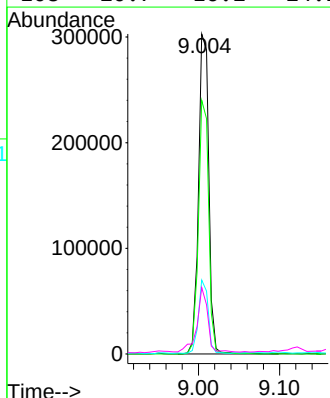
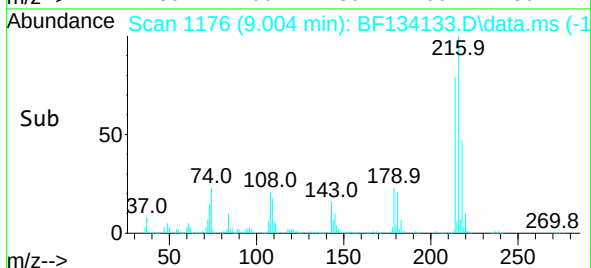
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

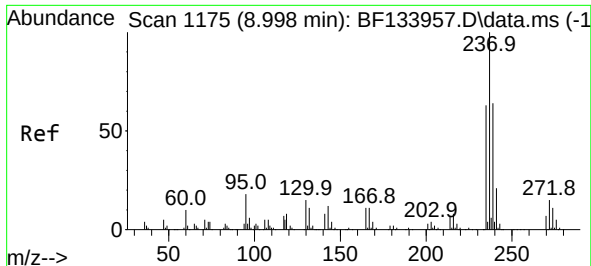


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.293 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



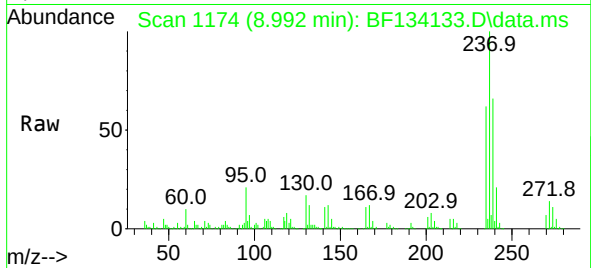
Tgt Ion:216 Resp: 267700
Ion Ratio Lower Upper
216 100
214 78.7 64.1 96.1
179 21.5 17.3 25.9
108 20.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 62.482 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

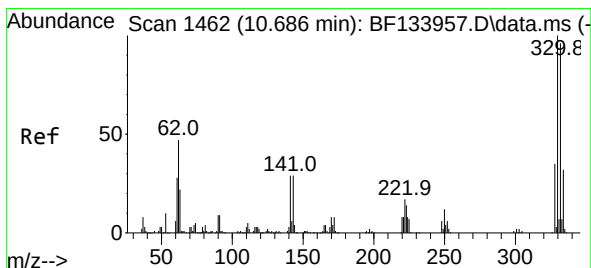
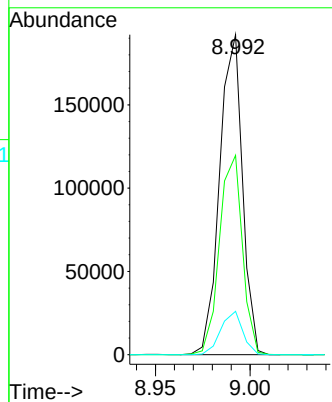
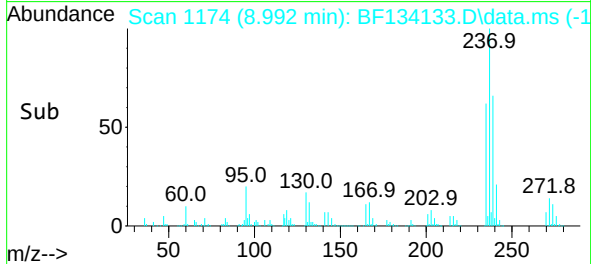
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



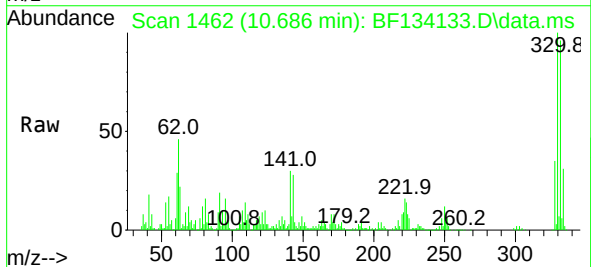
Tgt Ion:237 Resp: 16098
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.6 0.0 34.6

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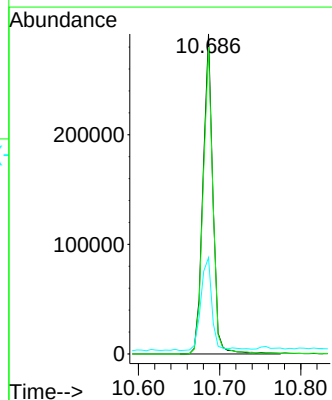
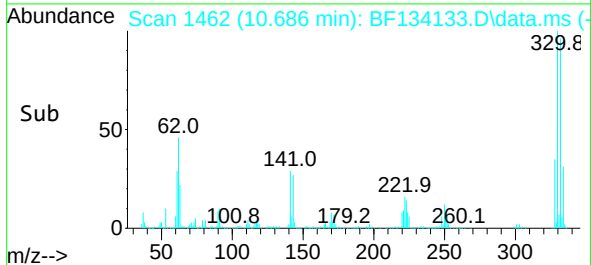
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

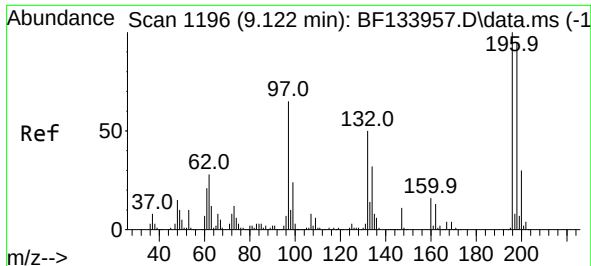


#42
2,4,6-Tribromophenol
Concen: 107.457 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:330 Resp: 246969
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 32.3 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 47.092 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD

Tgt Ion:196 Resp: 17409

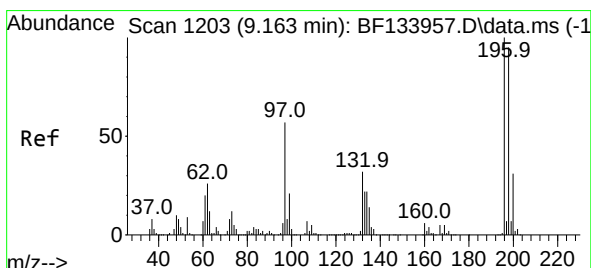
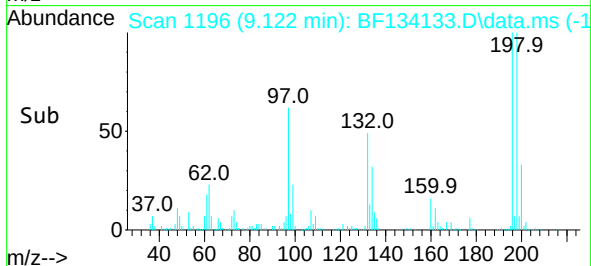
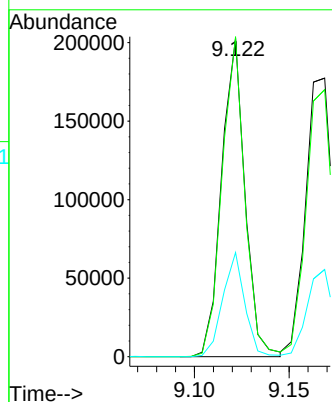
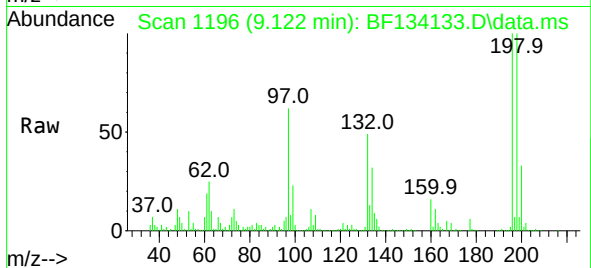
Ion	Ratio	Lower	Upper
196	100		
198	100.4	75.6	113.4
200	32.7	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#44

2,4,5-Trichlorophenol

Concen: 43.494 ng

RT: 9.169 min Scan# 1204

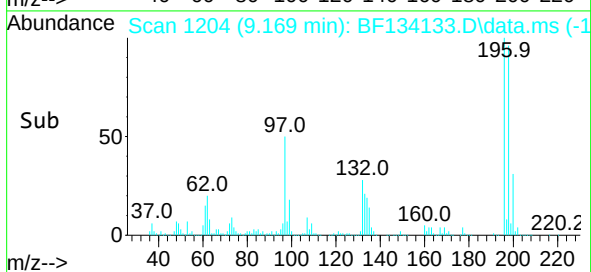
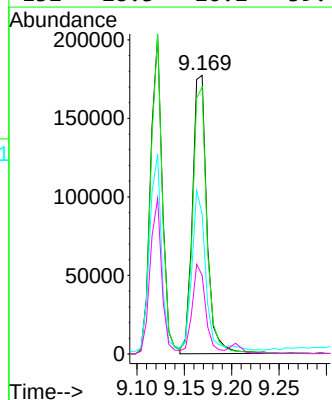
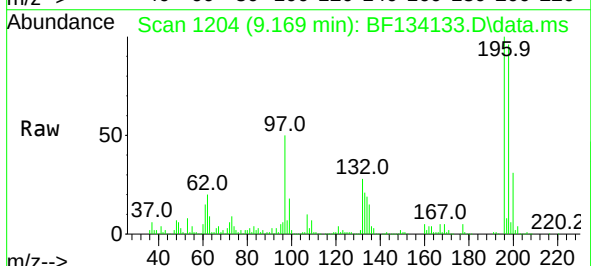
Delta R.T. -0.000 min

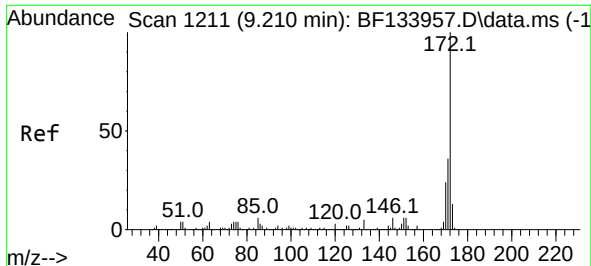
Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Tgt Ion:196 Resp: 189141

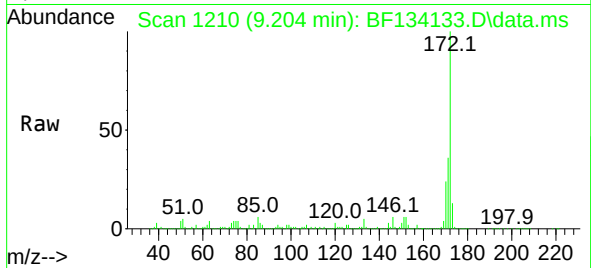
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	50.2	45.8	68.6
132	28.3	26.2	39.4





#45
2-Fluorobiphenyl
Concen: 79.980 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

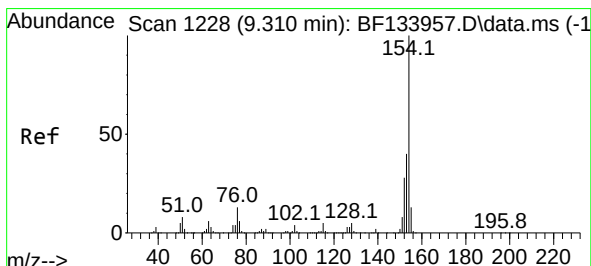
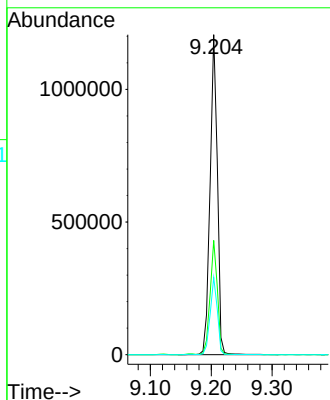
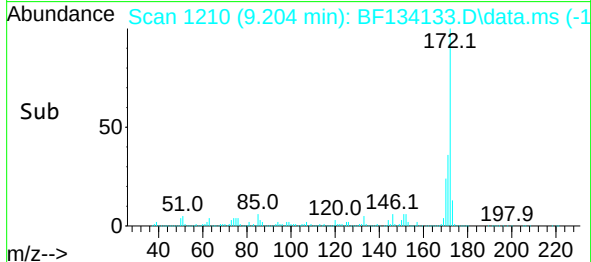
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



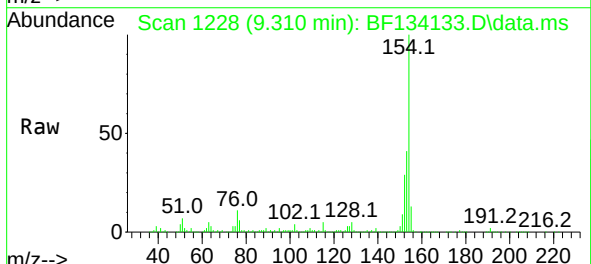
Tgt Ion:172 Resp: 100839
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.2 19.4 29.0

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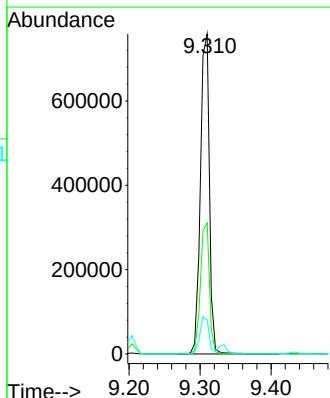
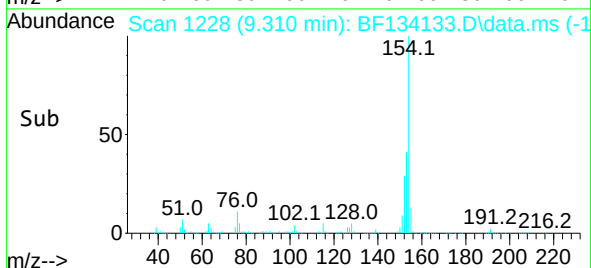
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

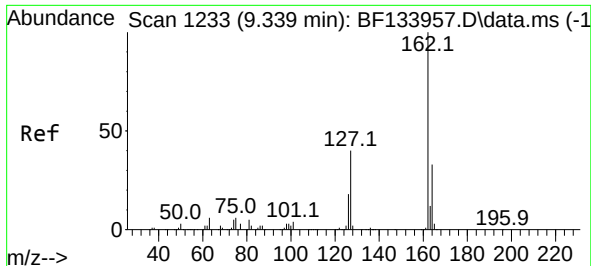


#46
1,1'-Biphenyl
Concen: 45.568 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:154 Resp: 670047
Ion Ratio Lower Upper
154 100
153 41.0 19.8 59.8
76 10.6 0.0 32.9





#47

2-Chloronaphthalene

Concen: 47.728 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF134133.D

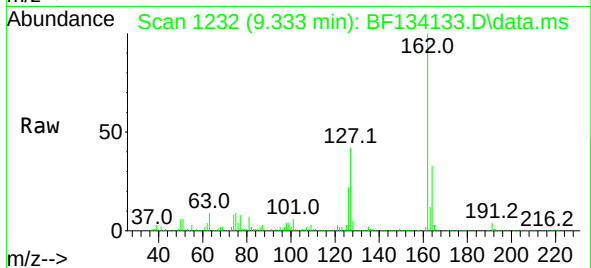
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



Tgt Ion: 162 Resp: 513479

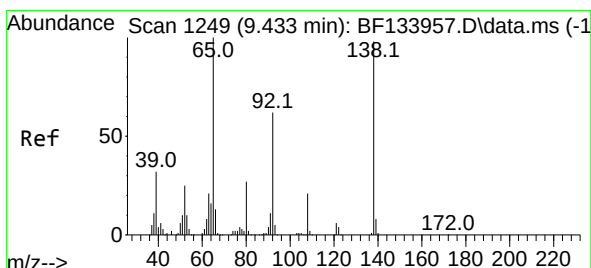
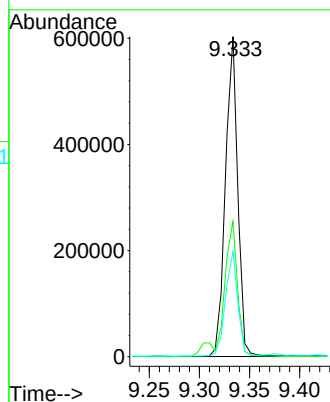
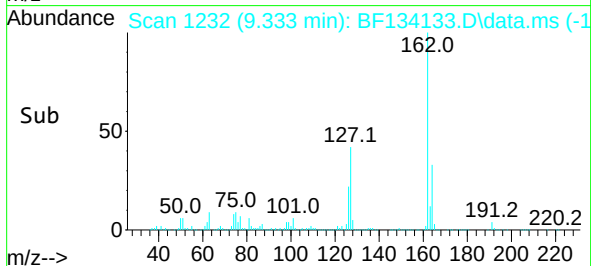
Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.9	49.3
164	32.8	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#48

2-Nitroaniline

Concen: 46.386 ng

RT: 9.433 min Scan# 1249

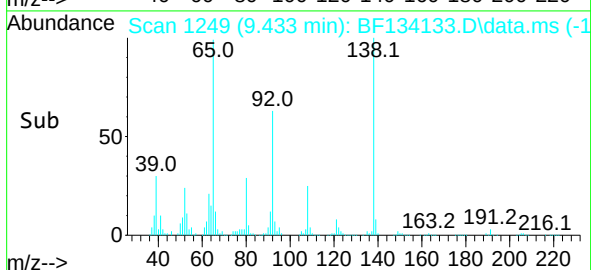
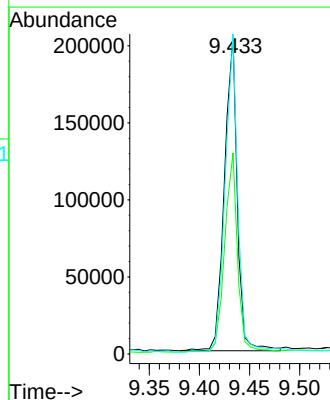
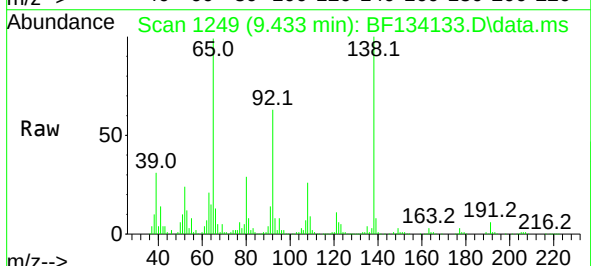
Delta R.T. -0.006 min

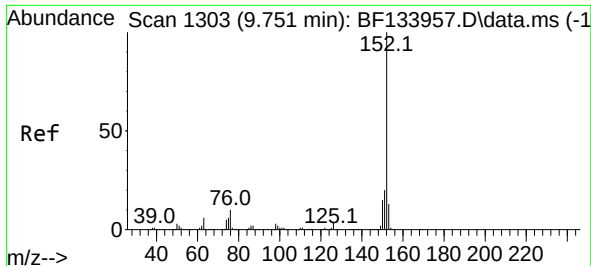
Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Tgt Ion: 65 Resp: 181876

Ion	Ratio	Lower	Upper
65	100		
92	63.2	49.5	74.3
138	100.7	78.0	117.0





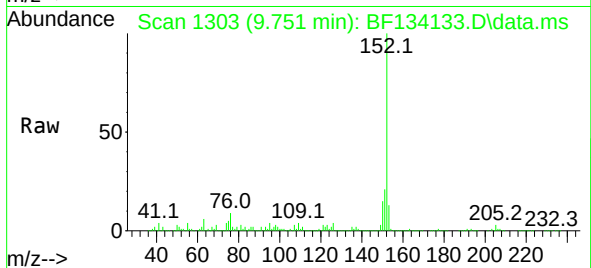
#49
Acenaphthylene
Concen: 42.450 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



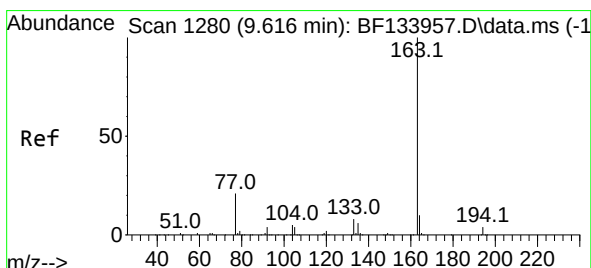
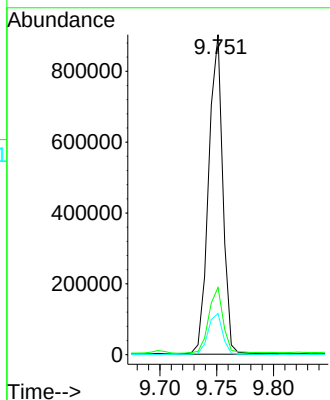
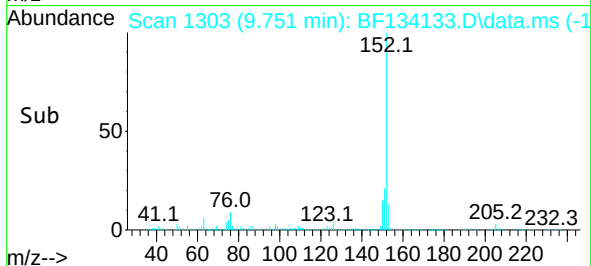
Tgt Ion:152 Resp: 780159
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 12.8 10.8 16.2

Manual Integrations

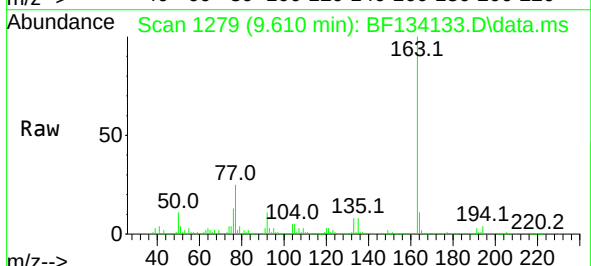
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

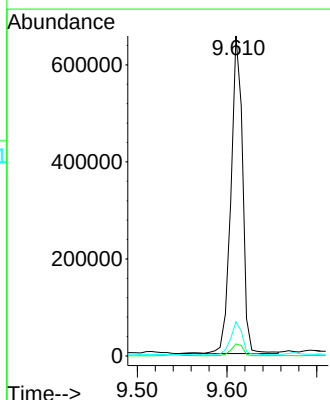
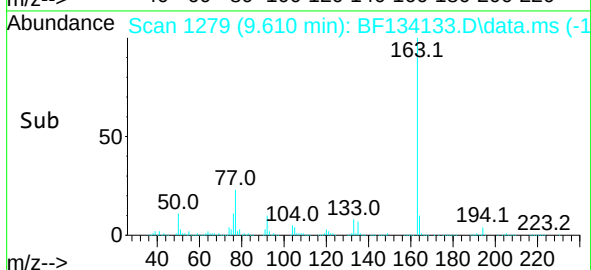
Supervised By :mohammad ahmed 07/09/2023

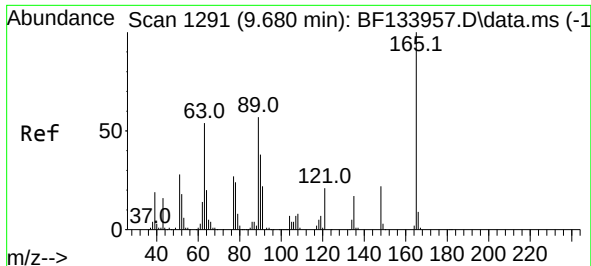


#50
Dimethylphthalate
Concen: 44.534 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:163 Resp: 592580
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.6 8.2 12.2





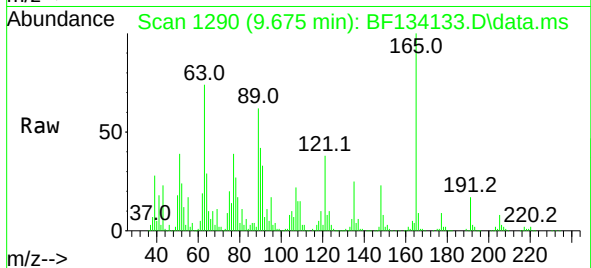
#51
2,6-Dinitrotoluene
Concen: 46.496 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



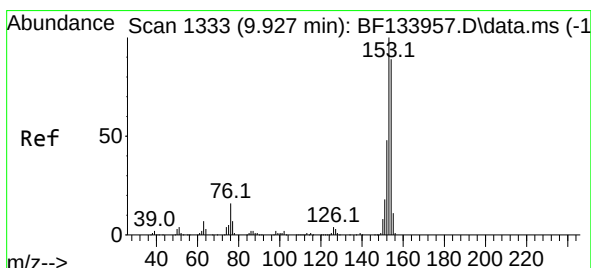
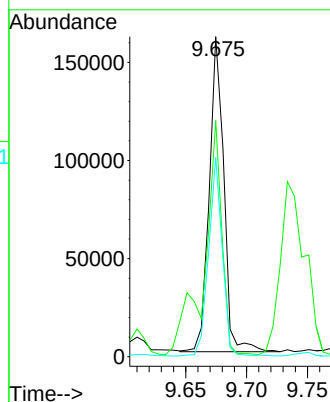
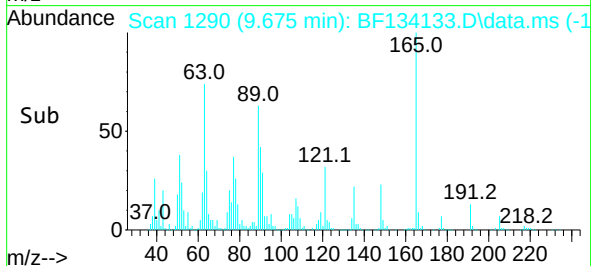
Tgt Ion:165 Resp: 13325
Ion Ratio Lower Upper
165 100
63 73.8 48.5 72.7
89 62.4 45.5 68.3

Manual Integrations

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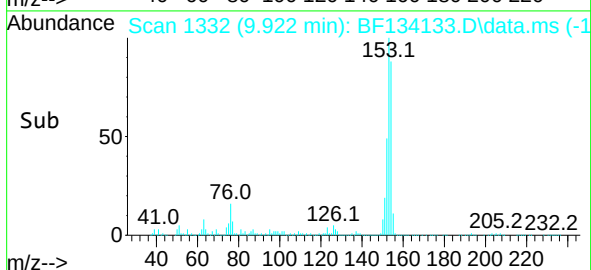
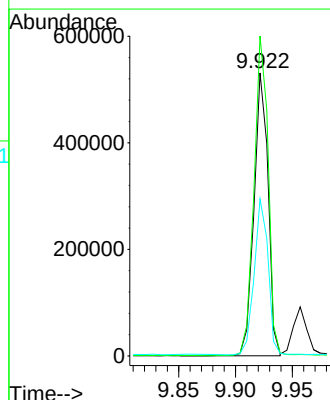
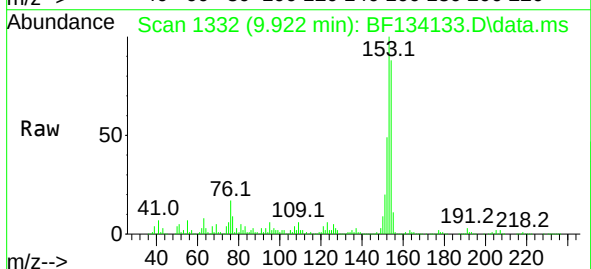
Reviewed By :Yogesh Patel 07/07/2023

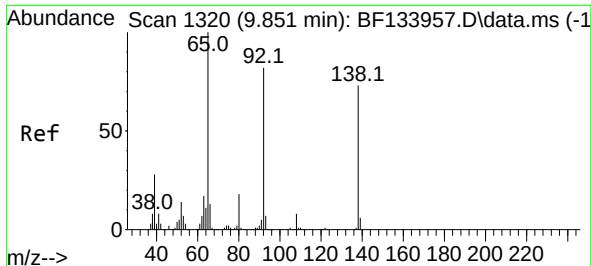
Supervised By :mohammad ahmed 07/09/2023



#52
Acenaphthene
Concen: 42.870 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

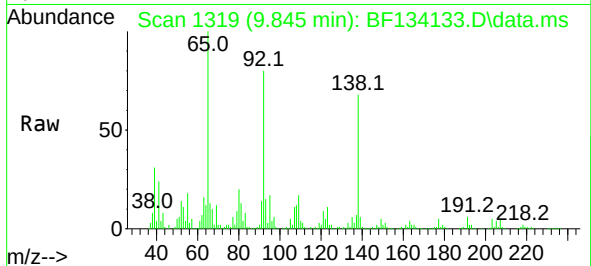
Tgt Ion:154 Resp: 457171
Ion Ratio Lower Upper
154 100
153 113.0 89.4 134.2
152 55.5 42.8 64.2





#53
3-Nitroaniline
Concen: 35.035 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

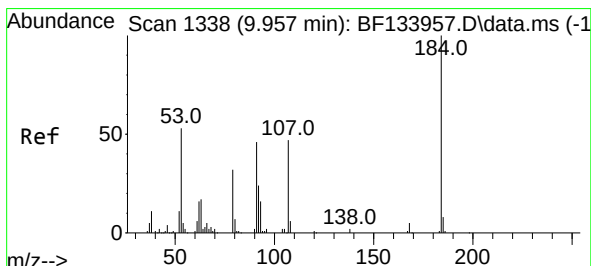
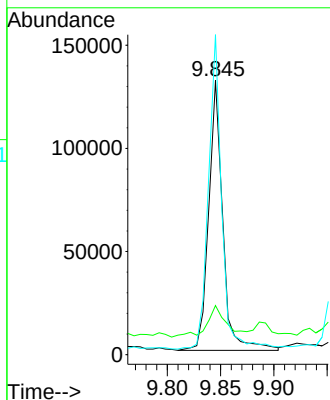
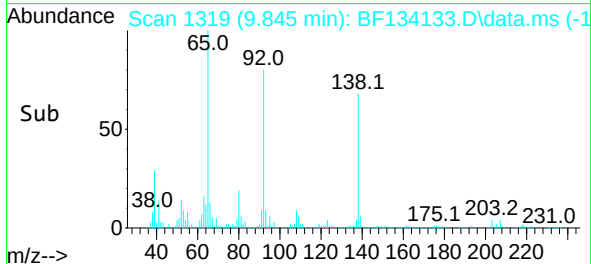
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion:138 Resp: 120459
Ion Ratio Lower Upper
138 100
108 17.9 8.4 12.6
92 116.7 90.1 135.1

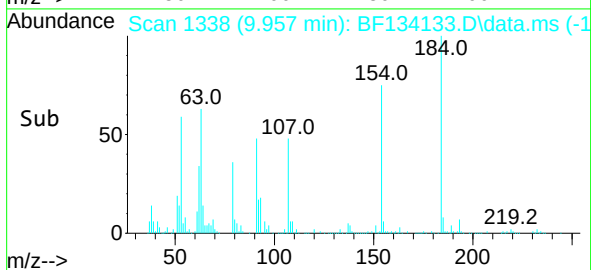
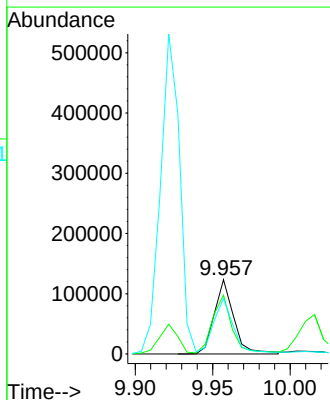
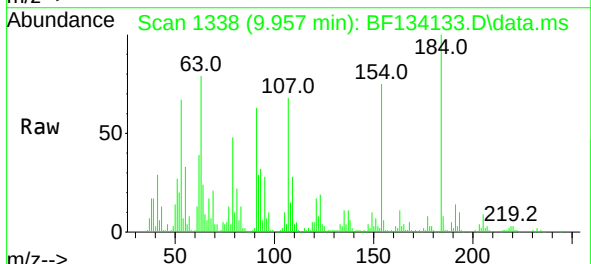
Manual Integrations
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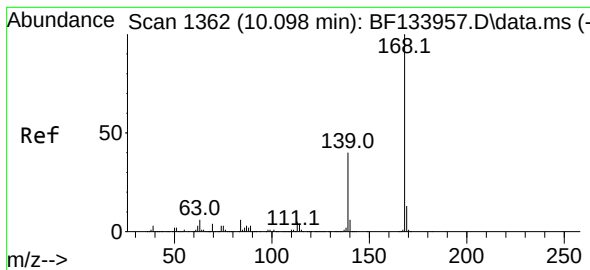
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#54
2,4-Dinitrophenol
Concen: 65.725 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

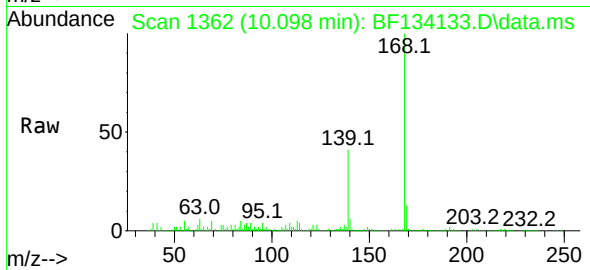
Tgt Ion:184 Resp: 107584
Ion Ratio Lower Upper
184 100
63 79.2 56.9 85.3
154 74.7 55.4 83.0





#55
Dibenzenofuran
Concen: 42.146 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

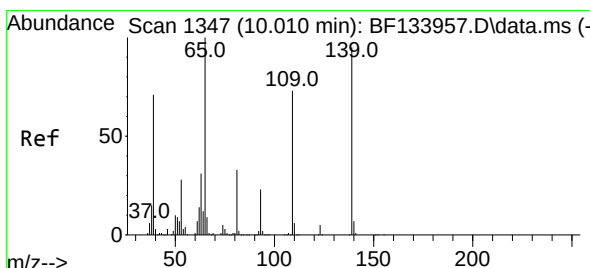
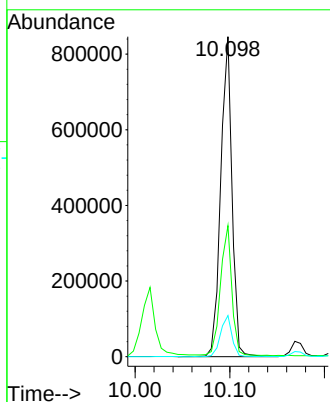
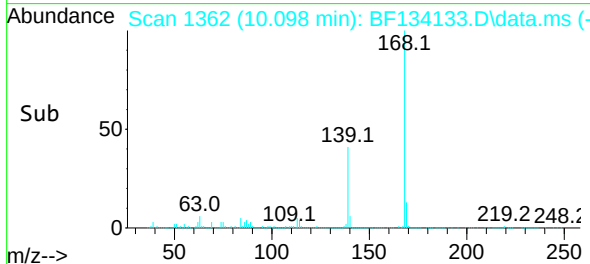
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



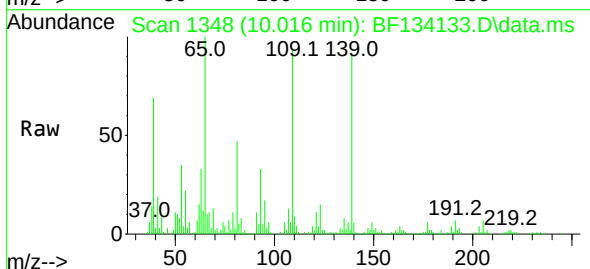
Tgt Ion:168 Resp: 702414
Ion Ratio Lower Upper
168 100
139 41.0 32.0 48.0
169 12.8 10.6 16.0

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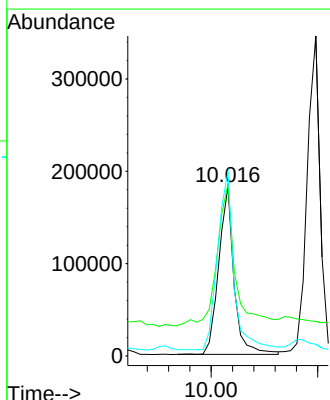
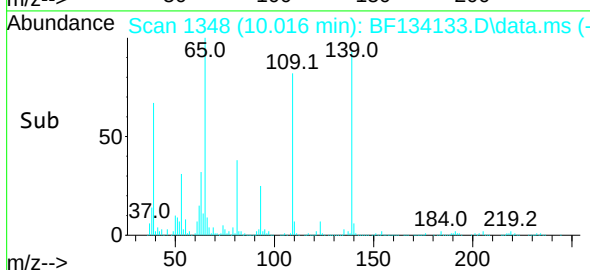
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

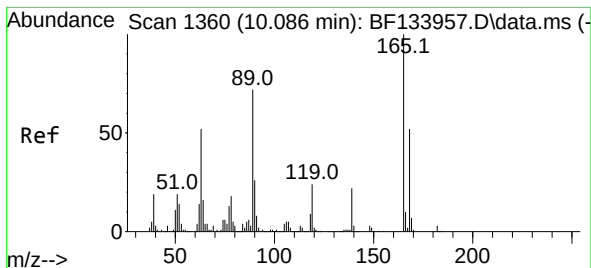


#56
4-Nitrophenol
Concen: 75.079 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:139 Resp: 180564
Ion Ratio Lower Upper
139 100
109 101.6 56.8 96.8#
65 108.9 86.1 126.1





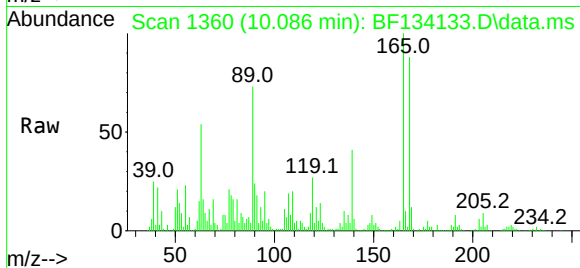
#57
2,4-Dinitrotoluene
Concen: 43.545 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



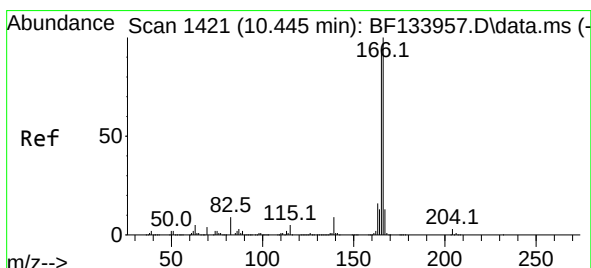
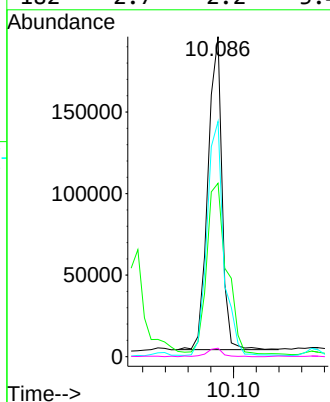
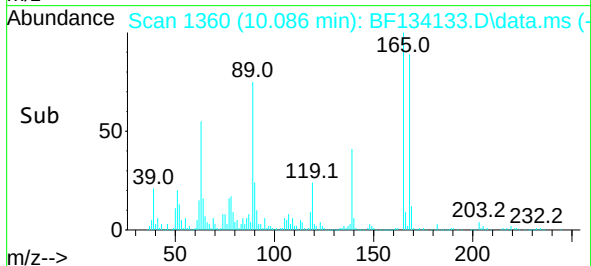
Tgt Ion:165 Resp: 16481
Ion Ratio Lower Upper
165 100
63 54.2 42.2 63.2
89 73.5 57.4 86.2
182 2.7 2.2 3.4

Manual Integrations

APPROVED

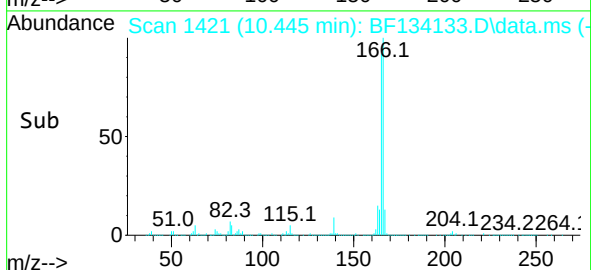
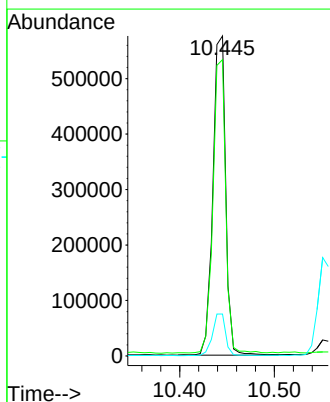
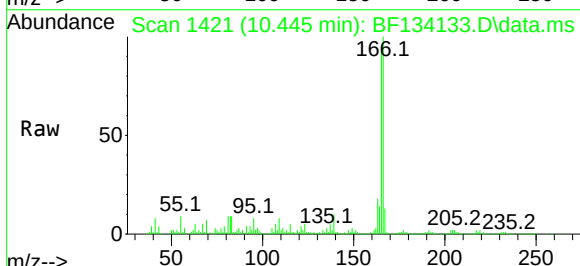
Reviewed By :Yogesh Patel 07/07/2023

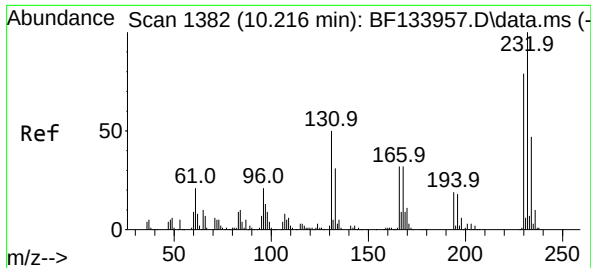
Supervised By :mohammad ahmed 07/09/2023



#58
Fluorene
Concen: 41.603 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

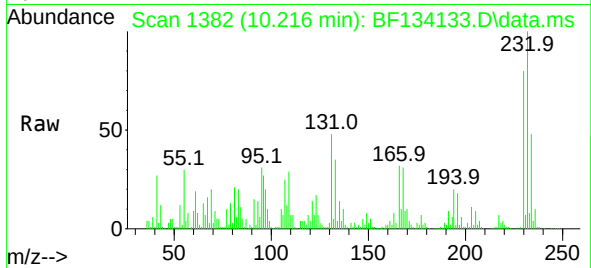
Tgt Ion:166 Resp: 539430
Ion Ratio Lower Upper
166 100
165 92.6 75.0 112.4
167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.732 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

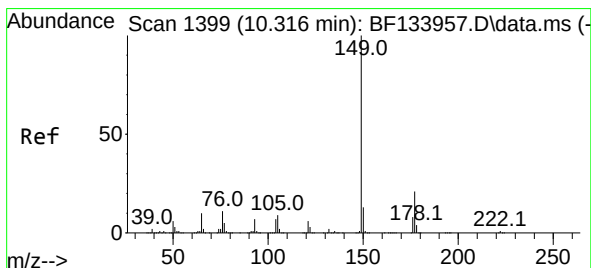
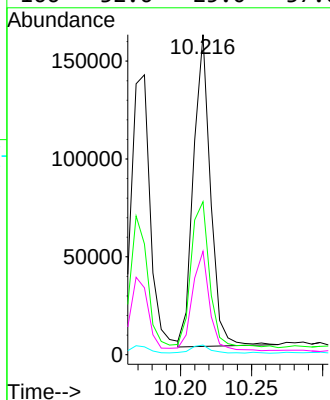
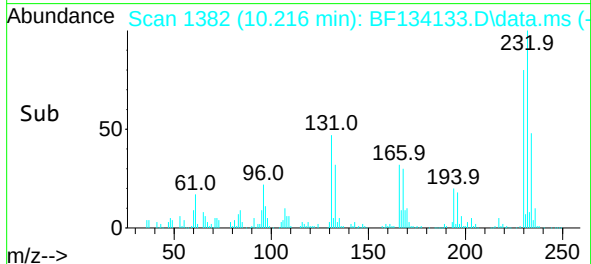
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



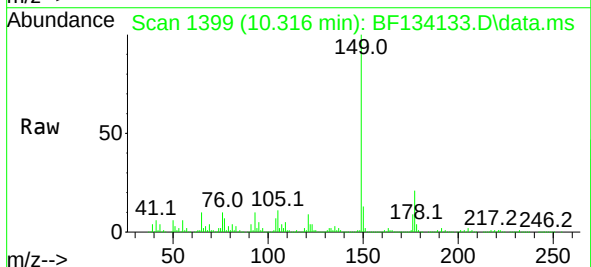
Tgt Ion:232 Resp: 132858
Ion Ratio Lower Upper
232 100
131 53.0 39.3 58.9
130 2.9 1.8 2.6
166 32.6 25.0 37.6

Manual Integrations
APPROVED

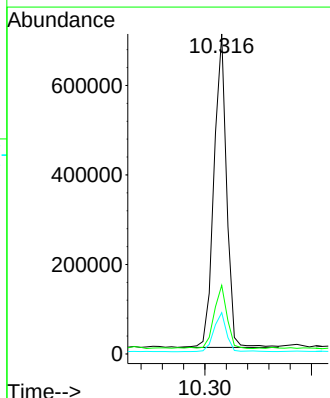
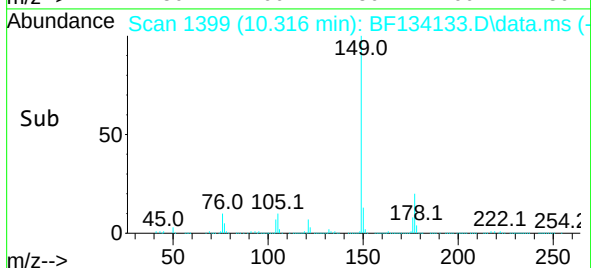
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

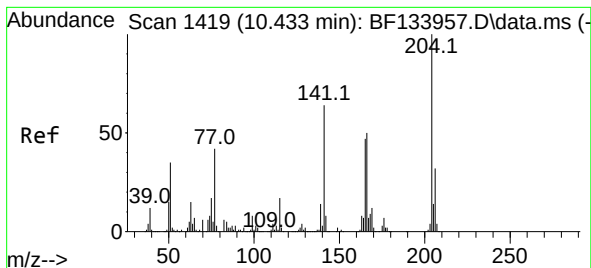


#60
Diethylphthalate
Concen: 41.719 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



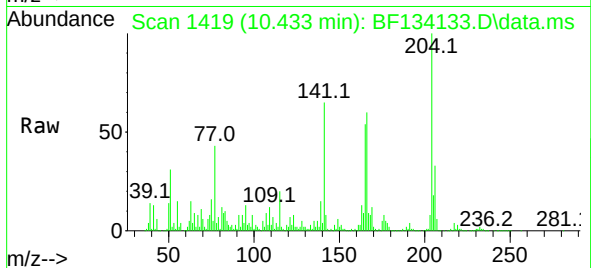
Tgt Ion:149 Resp: 578350
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.909 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

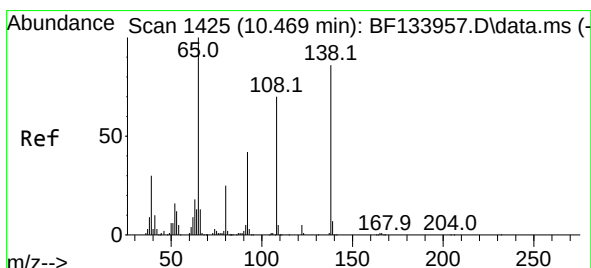
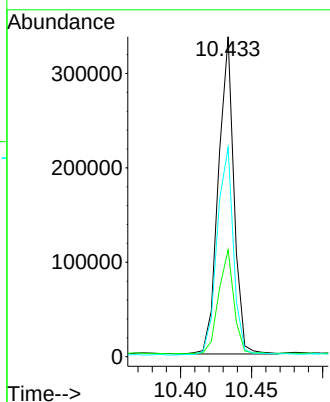
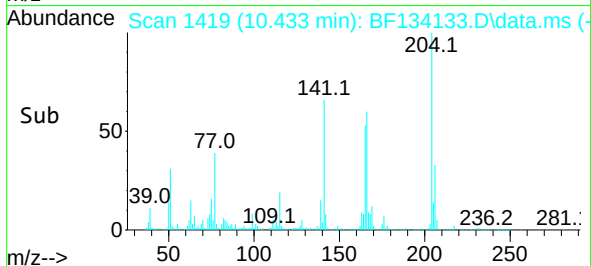
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



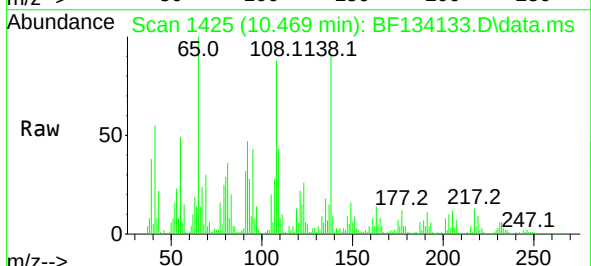
Tgt Ion:204 Resp: 255624
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 65.4 51.5 77.3

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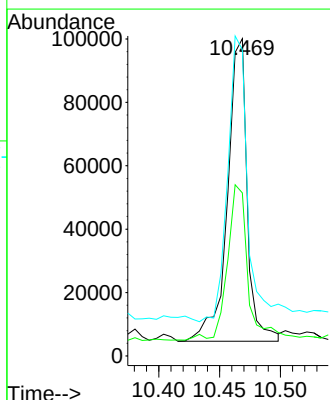
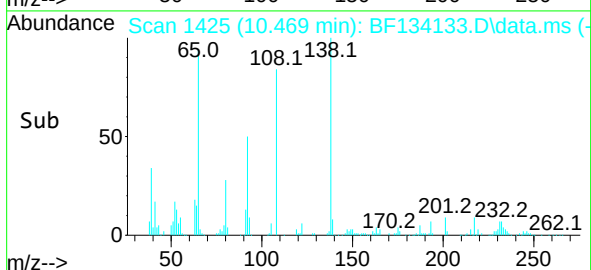
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

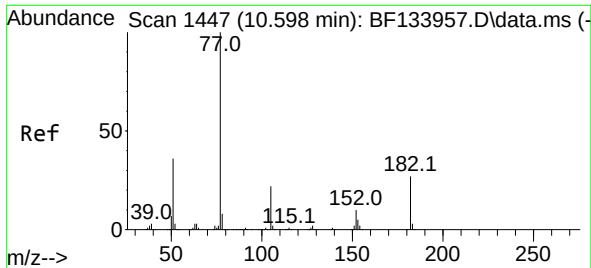


#62
4-Nitroaniline
Concen: 31.137 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



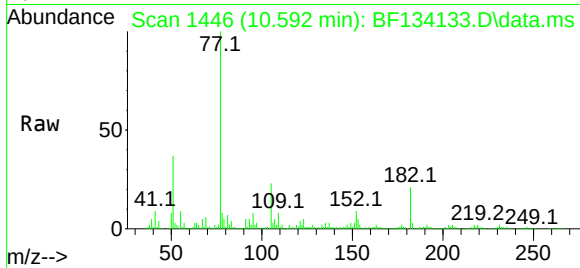
Tgt Ion:138 Resp: 107888
Ion Ratio Lower Upper
138 100
92 51.4 29.7 69.7
108 96.5 62.1 102.1





#63
Azobenzene
Concen: 42.953 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

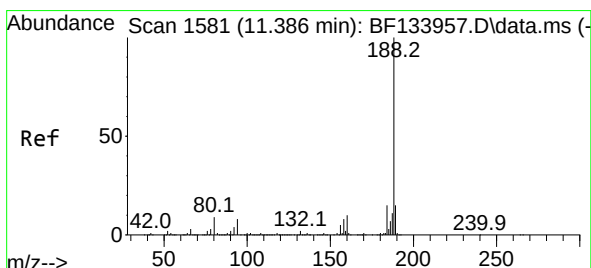
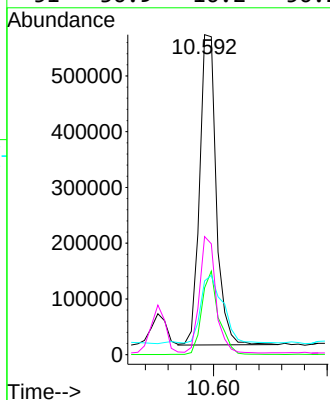
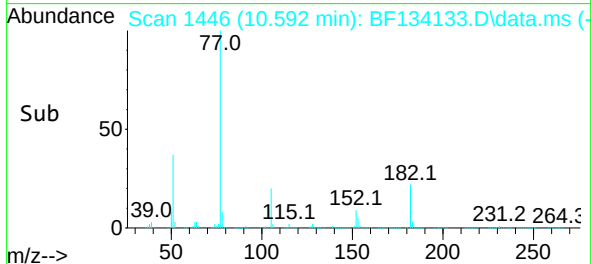
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



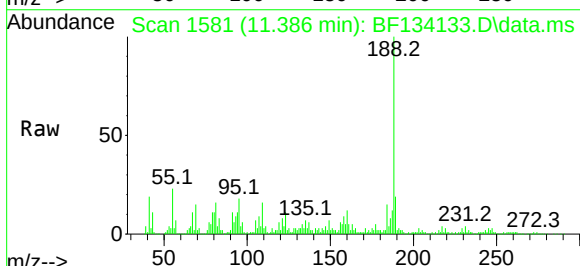
Tgt Ion: 77 Resp: 56325
Ion Ratio Lower Upper
77 100
182 20.9 6.8 46.8
105 23.1 2.3 42.3
51 36.9 16.2 56.2

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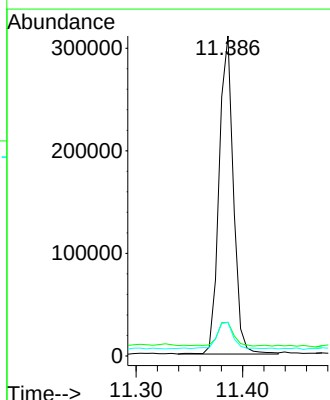
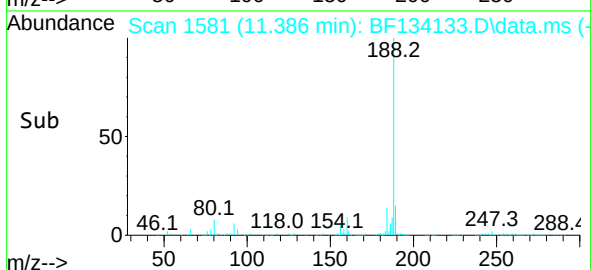
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

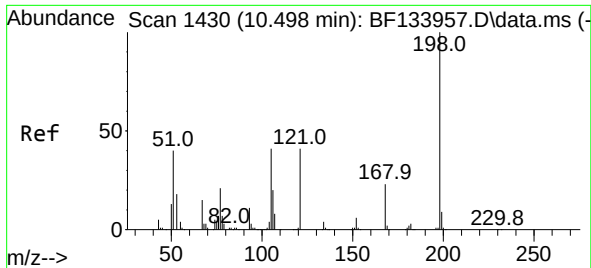


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:188 Resp: 289152
Ion Ratio Lower Upper
188 100
94 10.5 6.4 9.6#
80 10.5 7.3 10.9





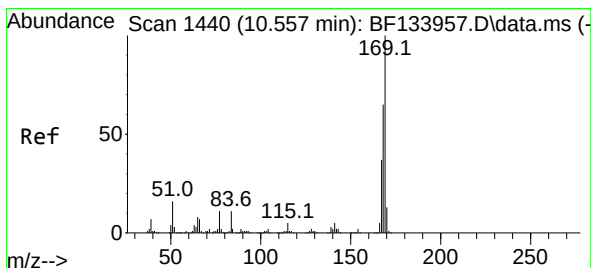
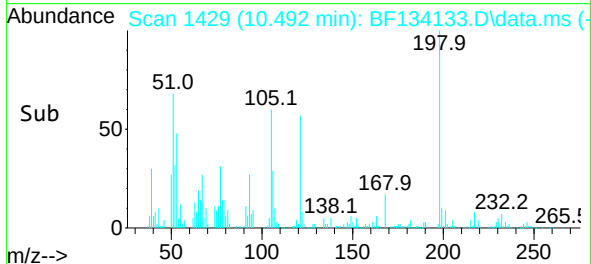
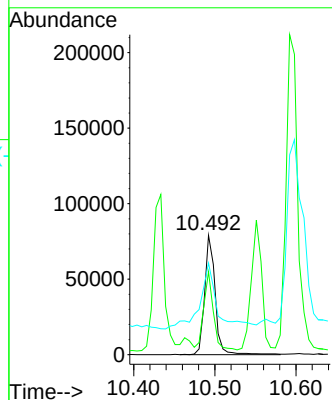
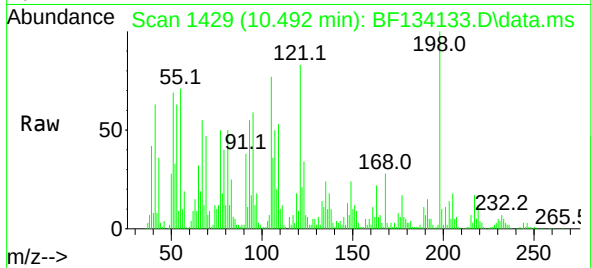
#65
4,6-Dinitro-2-methylphenol
Concen: 45.239 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD

Tgt Ion:198 Resp: 71310
Ion Ratio Lower Upper
198 100
51 69.5 29.3 69.3
105 76.8 22.4 62.4

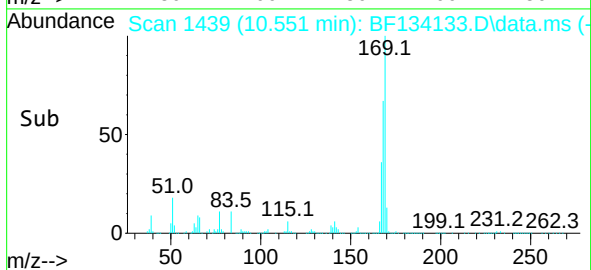
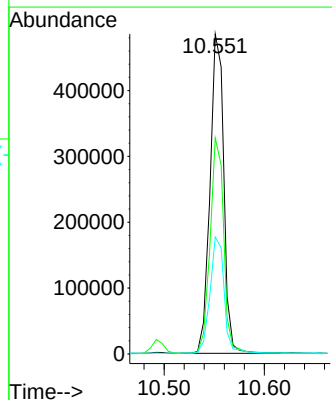
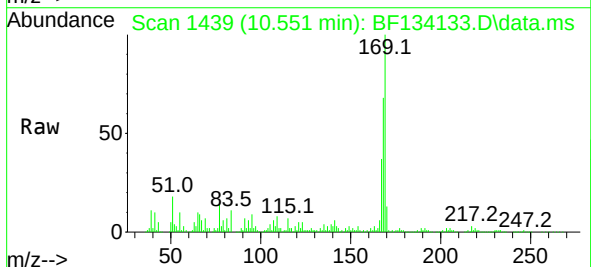
Manual Integrations
APPROVED

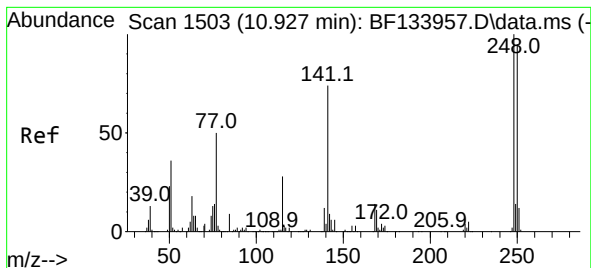
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#66
n-Nitrosodiphenylamine
Concen: 50.014 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

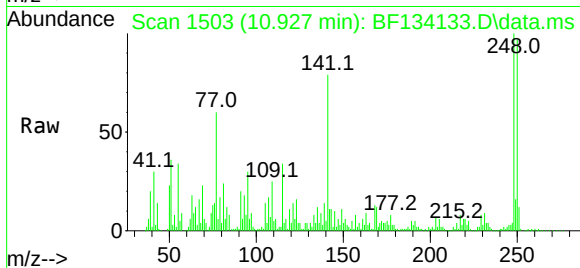
Tgt Ion:169 Resp: 462052
Ion Ratio Lower Upper
169 100
168 67.5 52.3 78.5
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 51.465 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

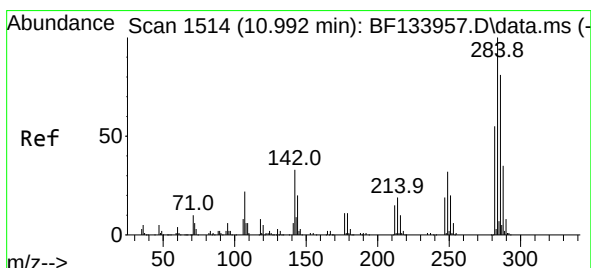
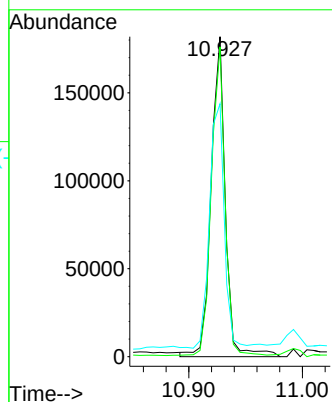
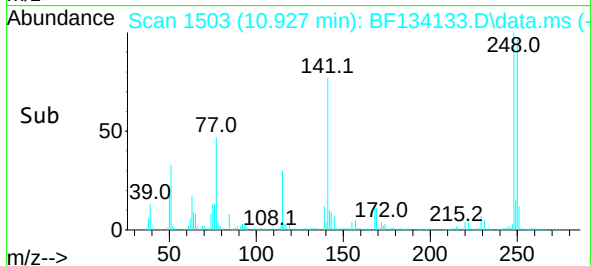
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



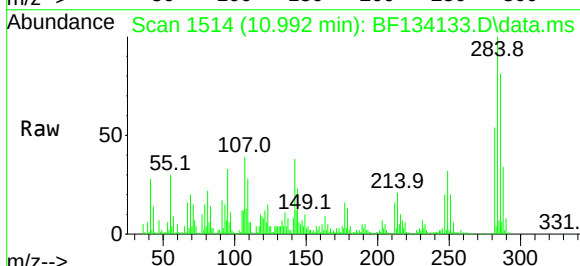
Tgt Ion:248 Resp: 15817
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.4
141 79.1 59.0 88.4

Manual Integrations
APPROVED

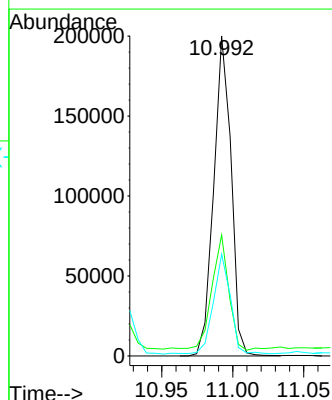
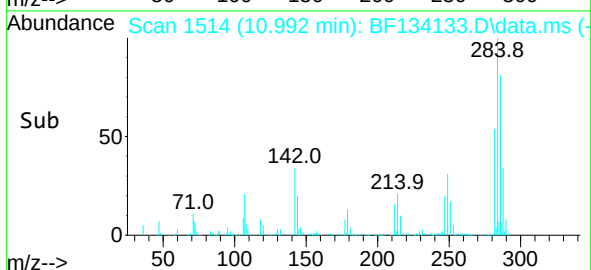
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

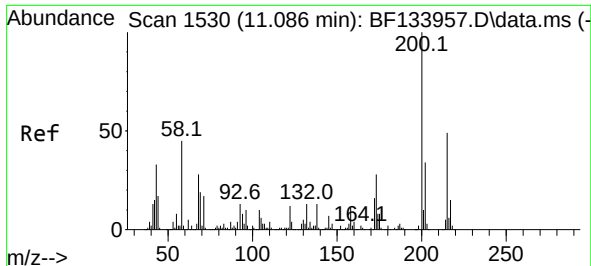


#68
Hexachlorobenzene
Concen: 52.020 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



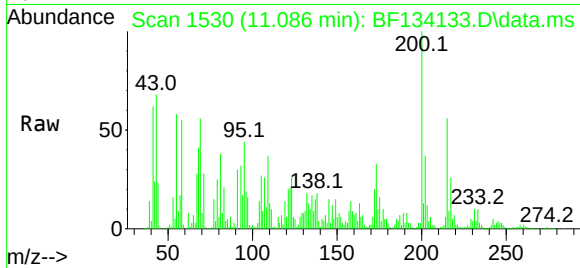
Tgt Ion:284 Resp: 169749
Ion Ratio Lower Upper
284 100
142 37.8 26.6 40.0
249 31.8 25.5 38.3





#69
 Atrazine
 Concen: 51.243 ng
 RT: 11.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134133.D
 Acq: 07 Jul 2023 12:23

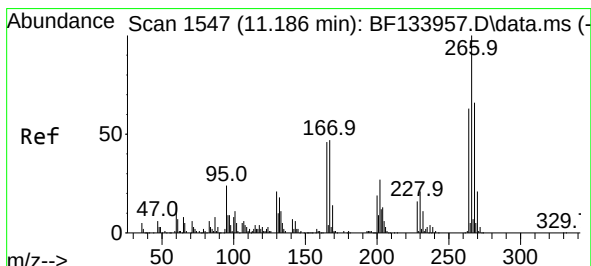
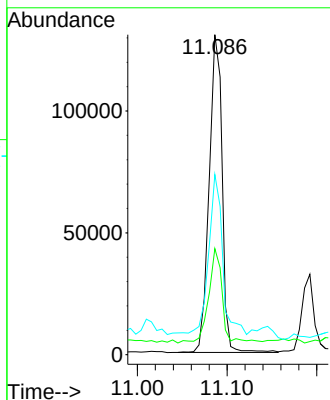
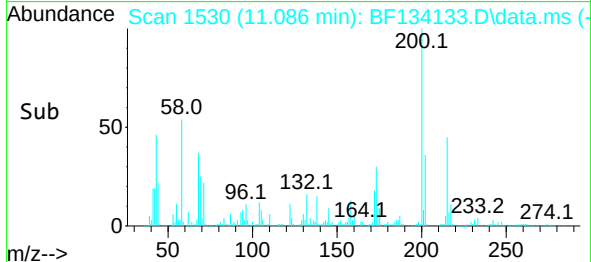
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)MSD



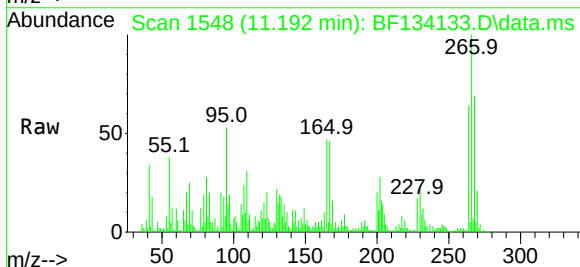
Tgt Ion:200 Resp: 13094
 Ion Ratio Lower Upper
 200 100
 173 33.2 8.0 48.0
 215 56.3 29.3 69.3

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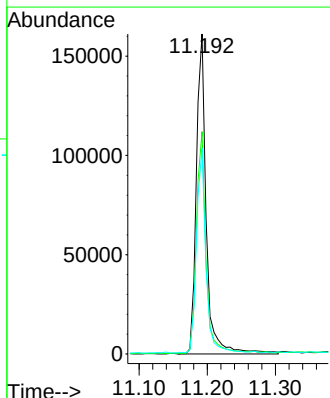
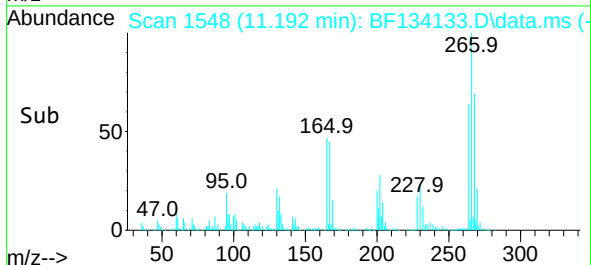
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023

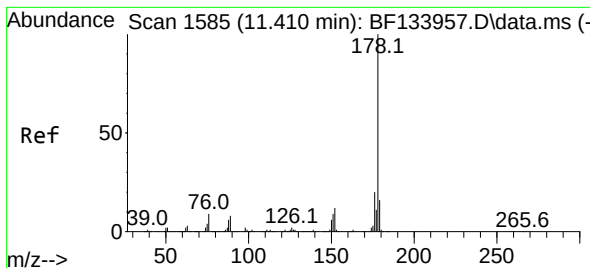


#70
 Pentachlorophenol
 Concen: 83.627 ng
 RT: 11.192 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: BF134133.D
 Acq: 07 Jul 2023 12:23



Tgt Ion:266 Resp: 163164
 Ion Ratio Lower Upper
 266 100
 268 69.5 52.6 79.0
 264 64.2 50.6 76.0





#71

Phenanthrene

Concen: 45.023 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD

Tgt Ion:178 Resp: 655360

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

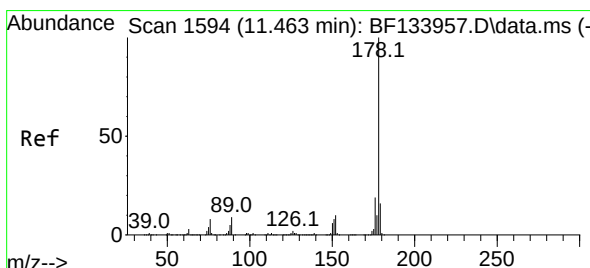
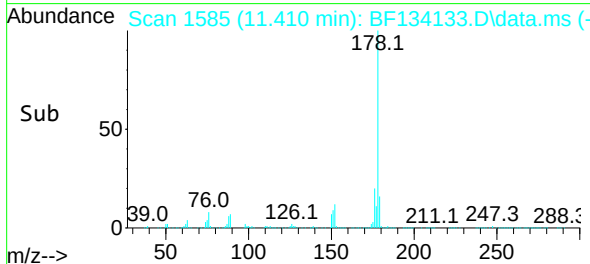
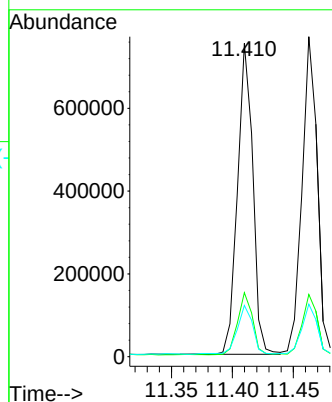
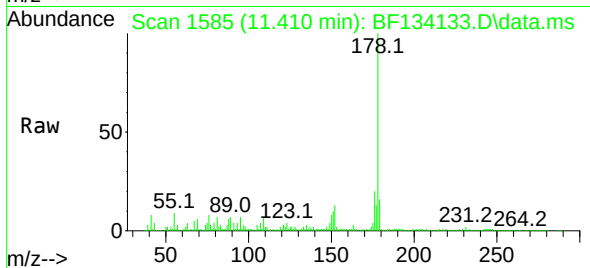
179 16.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#72

Anthracene

Concen: 44.858 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

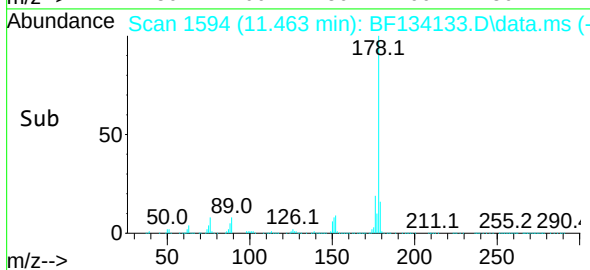
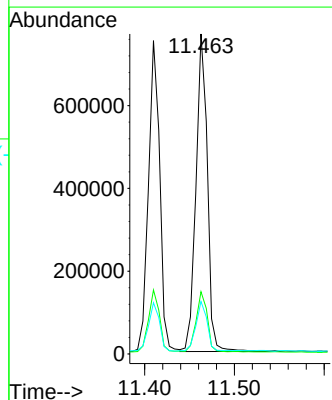
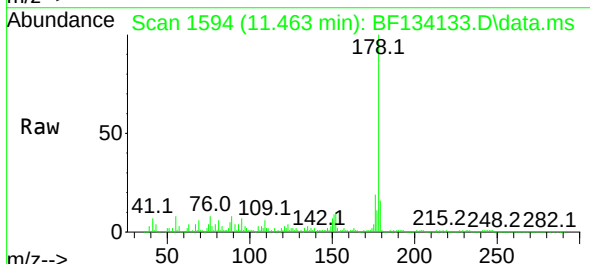
Tgt Ion:178 Resp: 679170

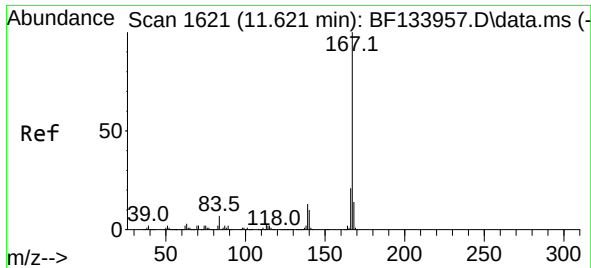
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

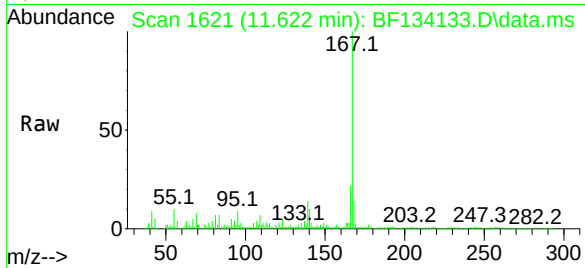
179 16.4 12.4 18.6





#73
 Carbazole
 Concen: 42.809 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF134133.D
 Acq: 07 Jul 2023 12:23

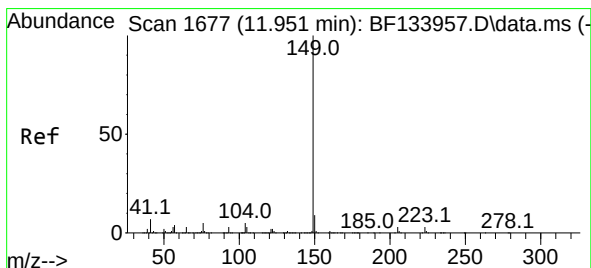
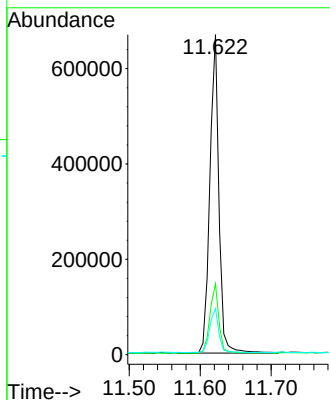
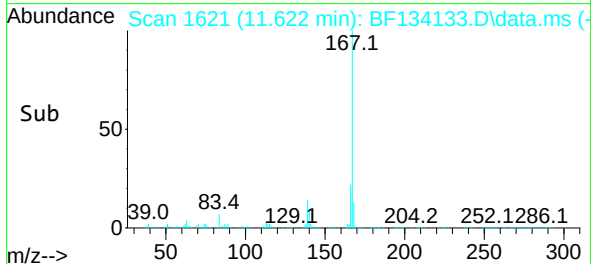
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)MSD



Tgt Ion:167 Resp: 593254
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 14.4 10.4 15.6

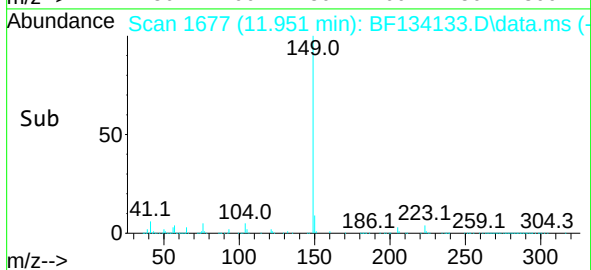
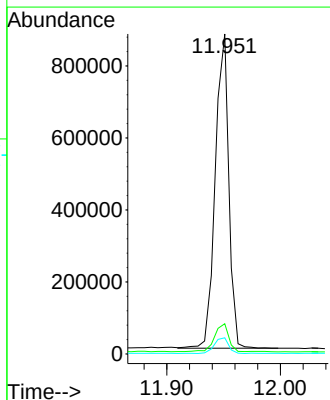
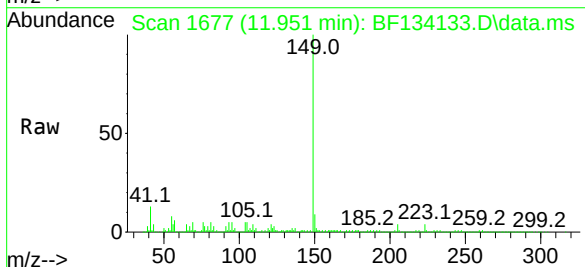
Manual Integrations
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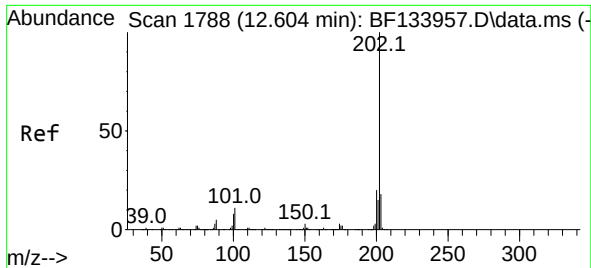
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023



#74
 Di-n-butylphthalate
 Concen: 43.809 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF134133.D
 Acq: 07 Jul 2023 12:23

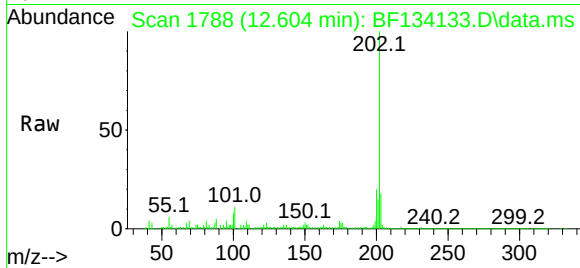
Tgt Ion:149 Resp: 721969
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 40.940 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

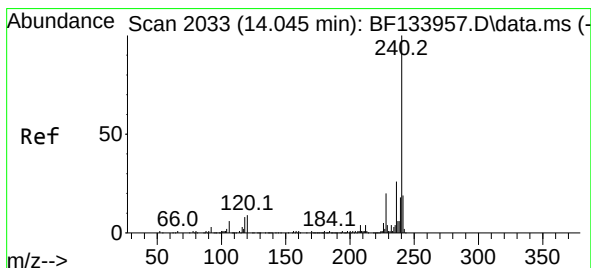
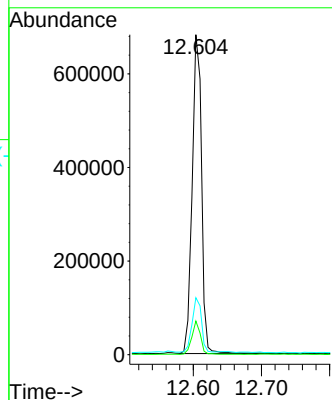
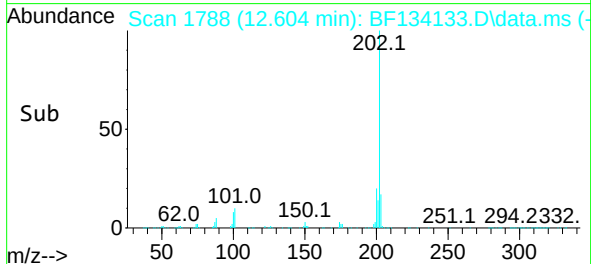
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



Tgt Ion:202 Resp: 64426
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.0
203 17.8 0.0 37.6

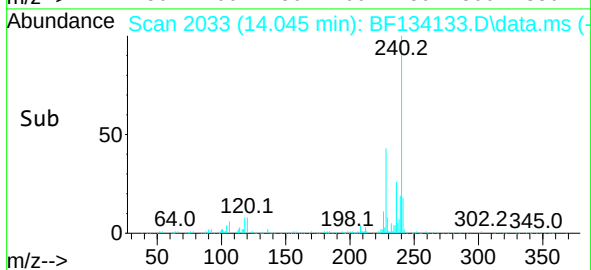
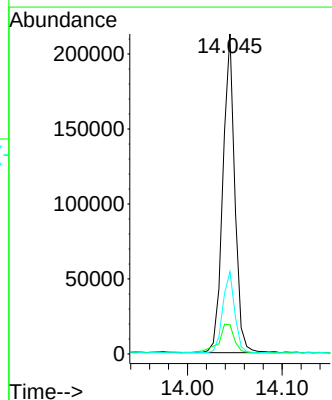
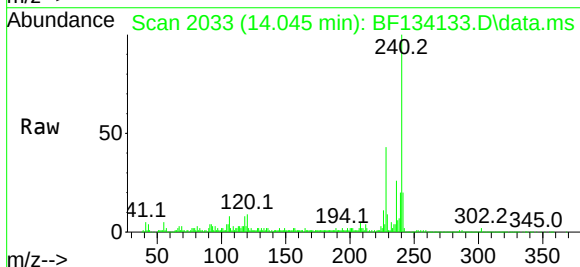
Manual Integrations
APPROVED

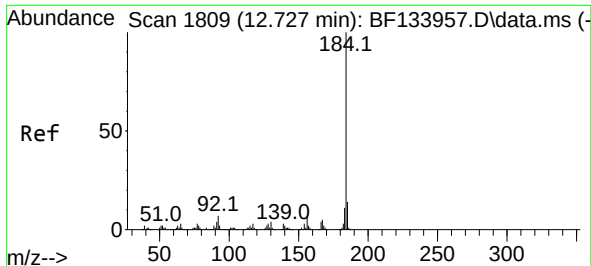
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

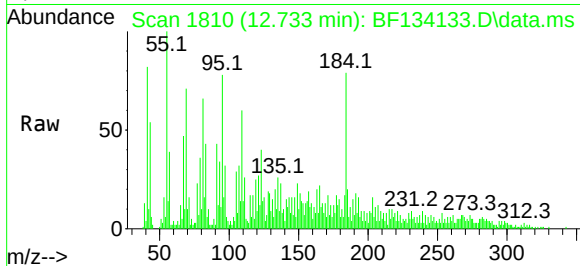
Tgt Ion:240 Resp: 187027
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.8 21.0 31.6





#77
Benzidine
Concen: 7.421 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

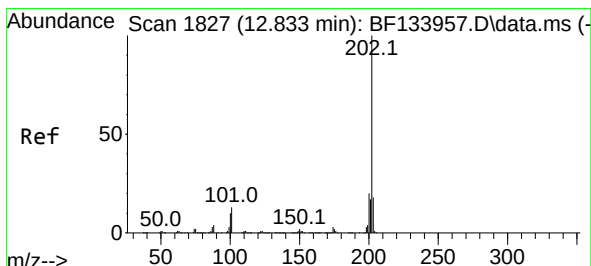
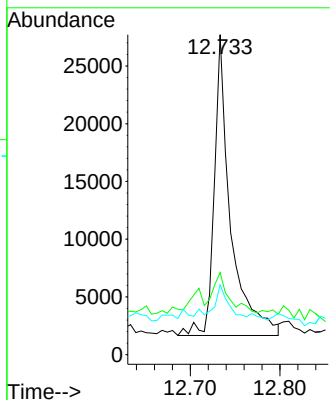
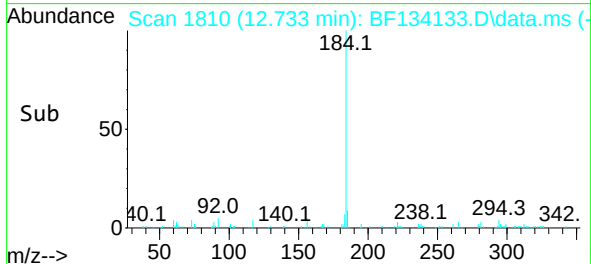
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



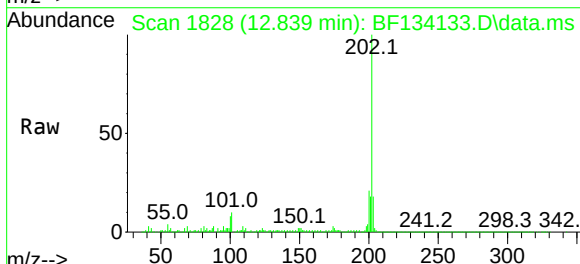
Tgt Ion:184 Resp: 33024
Ion Ratio Lower Upper
184 100
185 25.7 11.6 17.4
183 21.8 8.8 13.2

Manual Integrations
APPROVED

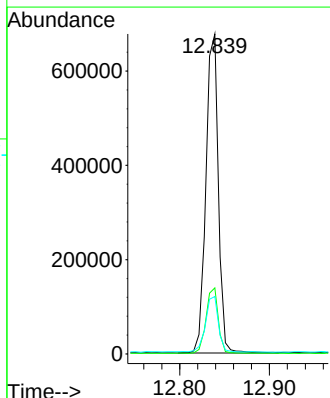
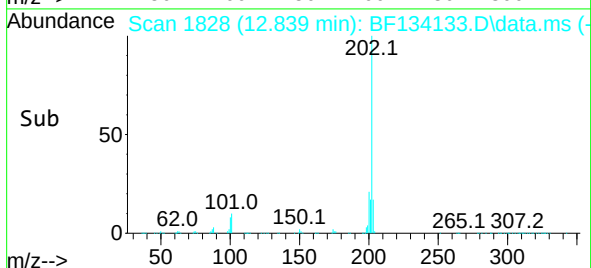
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

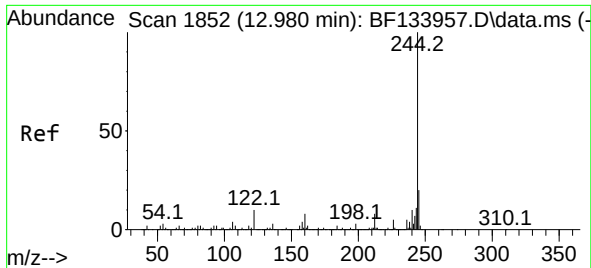


#78
Pyrene
Concen: 37.418 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:202 Resp: 651268
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 18.0 14.3 21.5





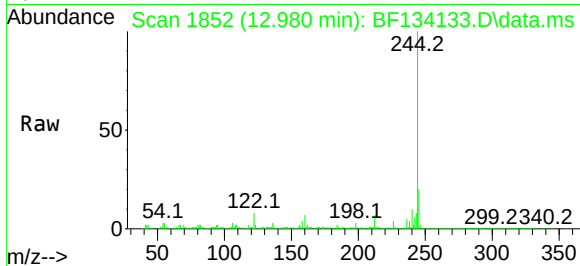
#79
 Terphenyl-d14
 Concen: 67.346 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134133.D
 Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD



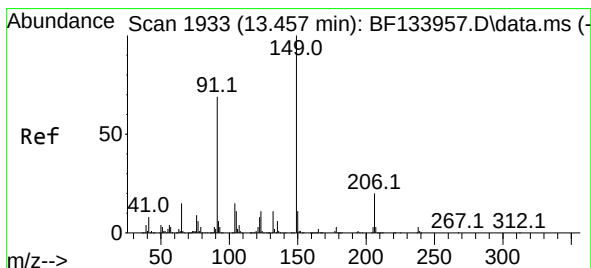
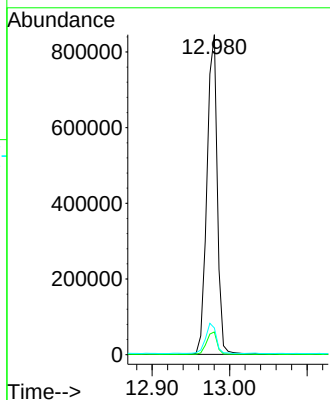
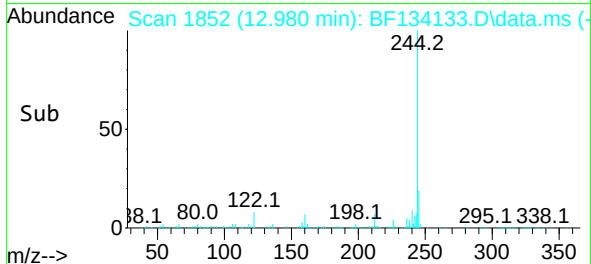
Tgt Ion:244 Resp: 782618
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.3 8.3 12.5

Manual Integrations

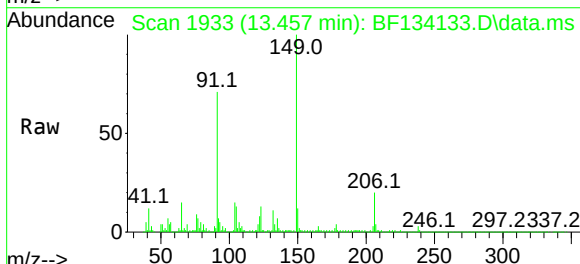
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

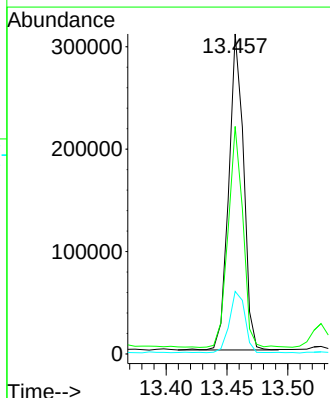
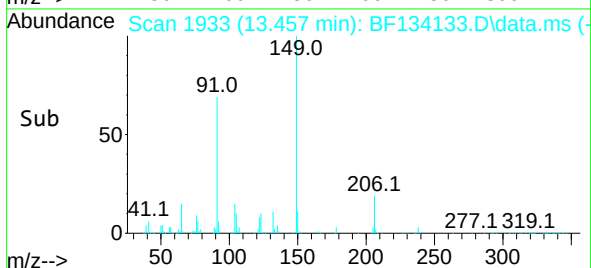
Supervised By :mohammad ahmed 07/09/2023

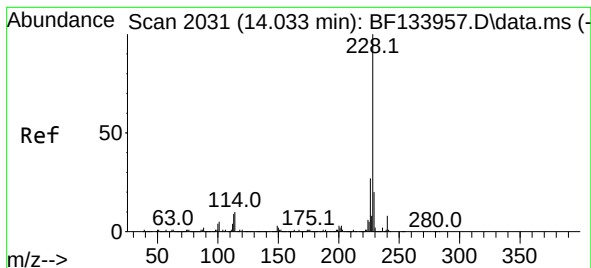


#80
 Butylbenzylphthalate
 Concen: 40.193 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF134133.D
 Acq: 07 Jul 2023 12:23



Tgt Ion:149 Resp: 262371
 Ion Ratio Lower Upper
 149 100
 91 71.1 55.1 82.7
 206 19.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.101 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

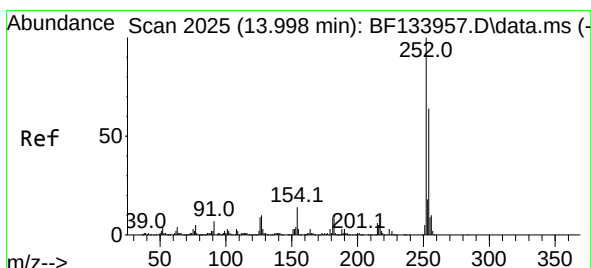
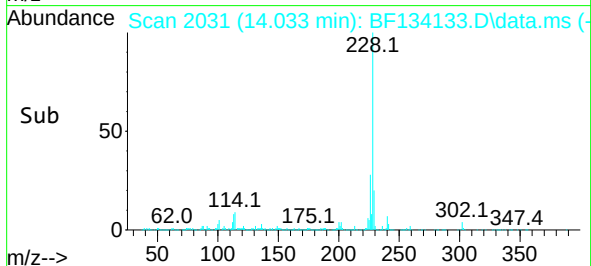
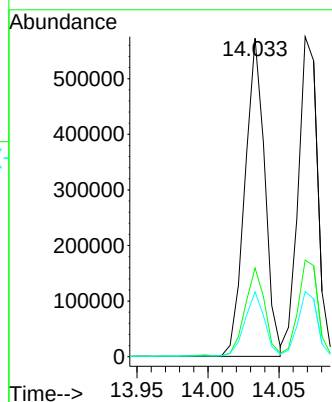
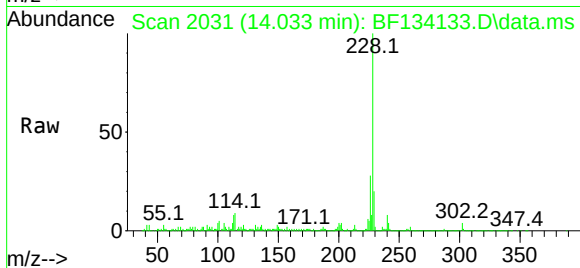
SB-2(8-10)MSD

Tgt Ion:228 Resp: 559049
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.0 33.0
 229 20.4 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: 29.273 ng

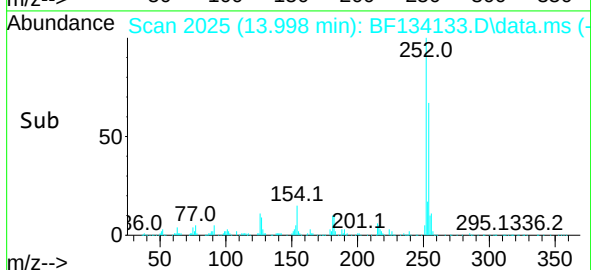
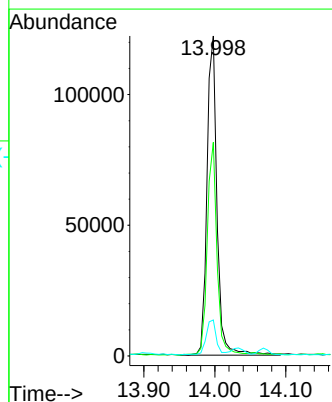
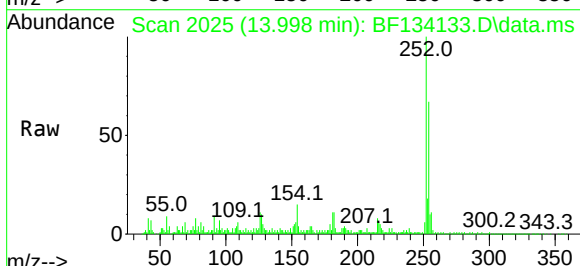
RT: 13.998 min Scan# 2025

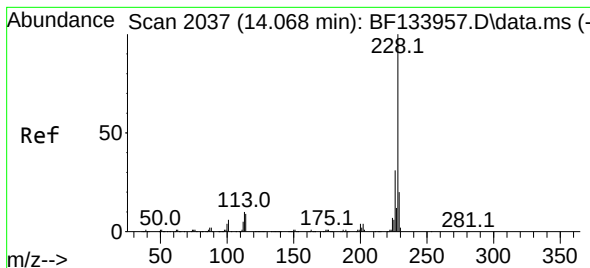
Delta R.T. -0.000 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Tgt Ion:252 Resp: 120293
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.4 77.0
 126 11.2 7.4 11.2#





#83

Chrysene

Concen: 43.867 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD

Tgt Ion:228 Resp: 55109

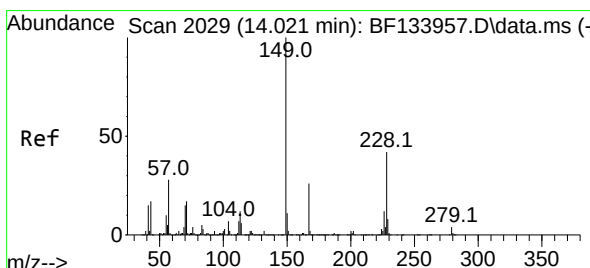
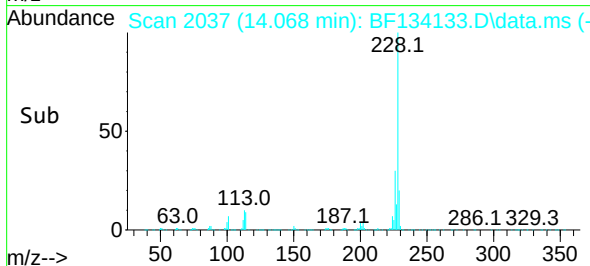
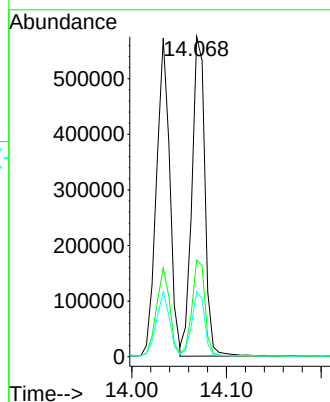
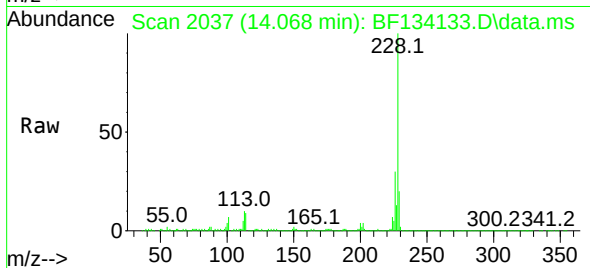
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	20.3	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.445 ng

RT: 14.021 min Scan# 2029

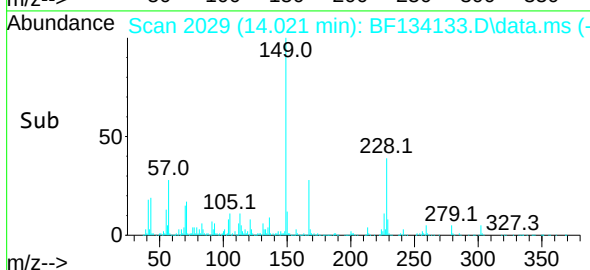
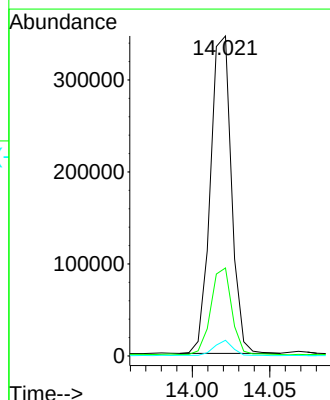
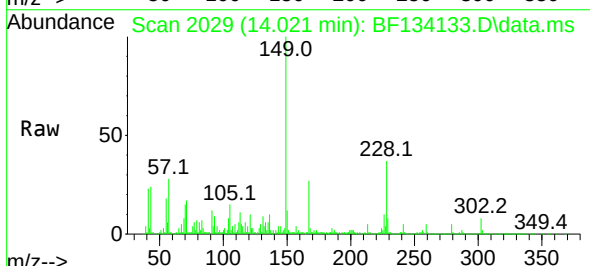
Delta R.T. -0.000 min

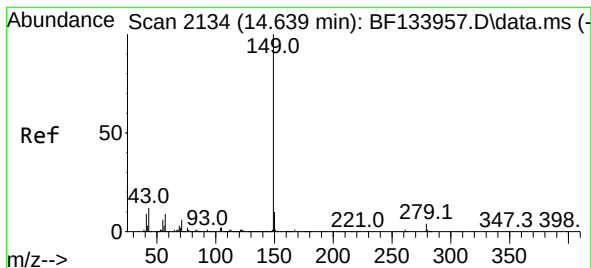
Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Tgt Ion:149 Resp: 325872

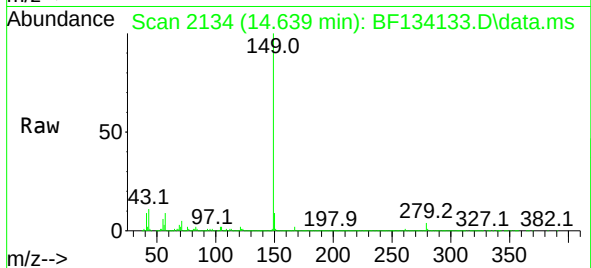
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.0	31.4
279	4.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 54.969 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

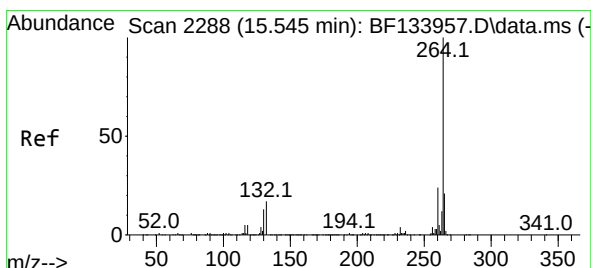
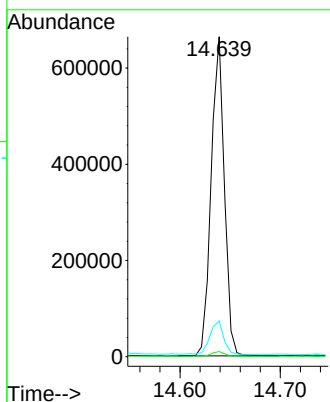
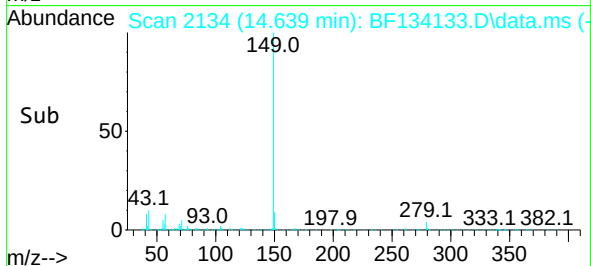
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



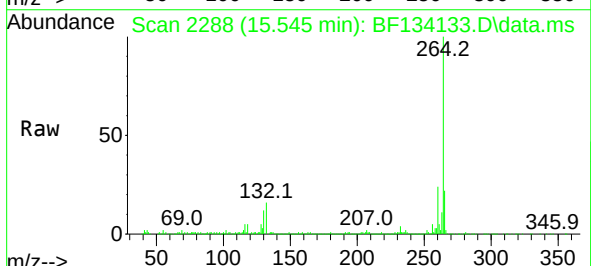
Tgt Ion:149 Resp: 60584
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 9.0 13.4

Manual Integrations
APPROVED

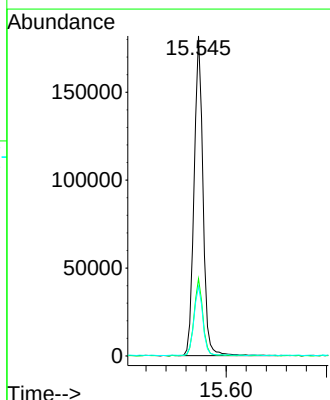
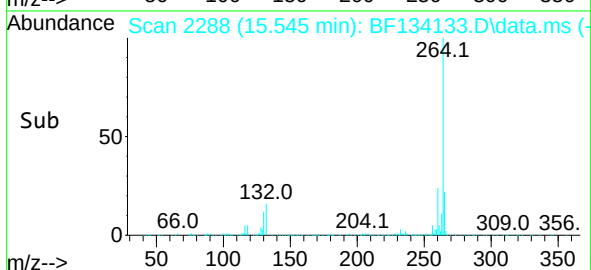
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

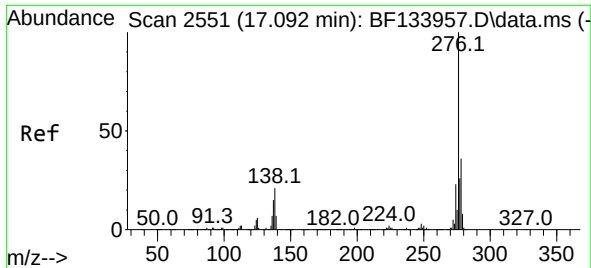


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



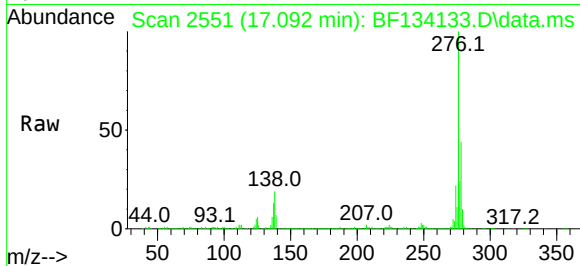
Tgt Ion:264 Resp: 223210
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.698 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

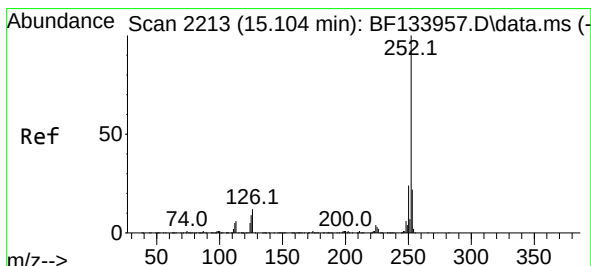
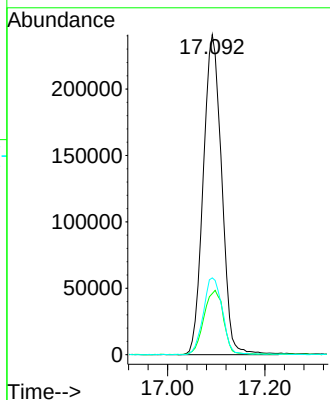
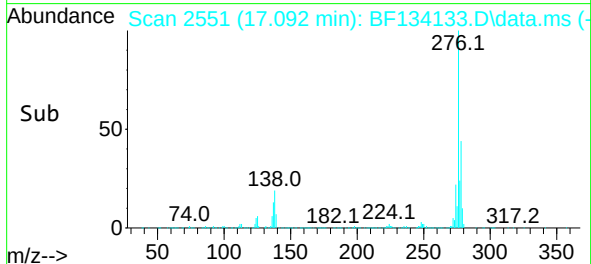
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD



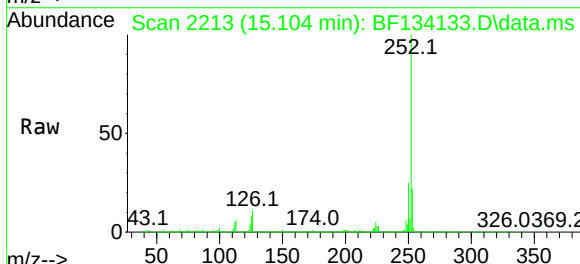
Tgt Ion:276 Resp: 630354
Ion Ratio Lower Upper
276 100
138 21.5 18.7 28.1
277 24.9 19.9 29.9

Manual Integrations
APPROVED

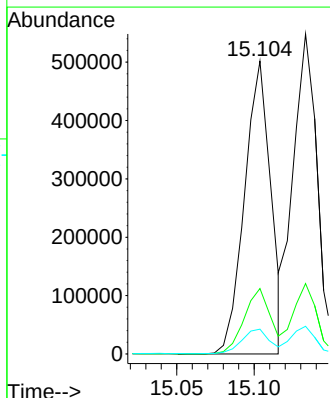
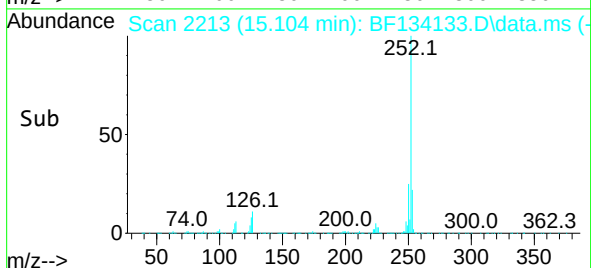
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

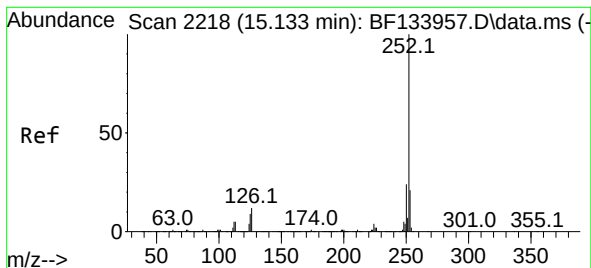


#88
Benzo(b)fluoranthene
Concen: 45.041 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23



Tgt Ion:252 Resp: 591155
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.251 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)MSD

Tgt Ion:252 Resp: 604699

Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

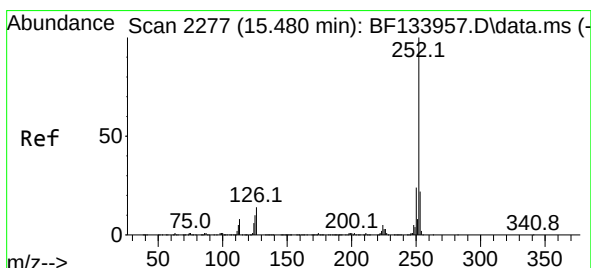
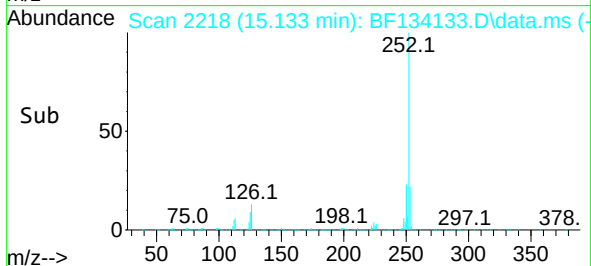
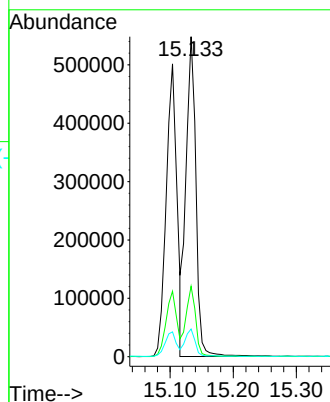
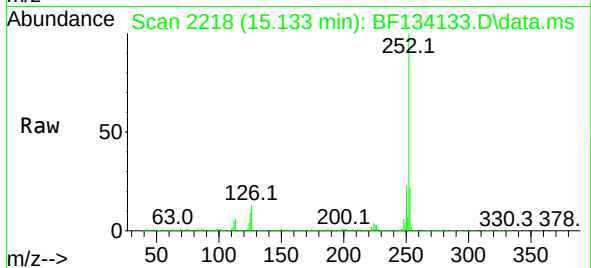
125 8.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#90

Benzo(a)pyrene

Concen: 42.237 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.012 min

Lab File: BF134133.D

Acq: 07 Jul 2023 12:23

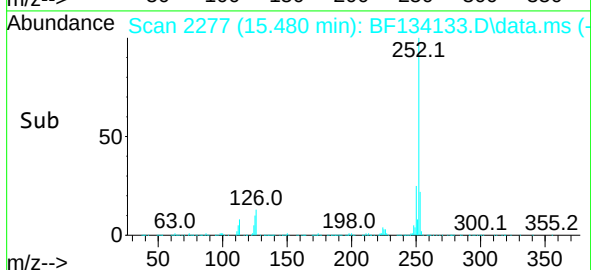
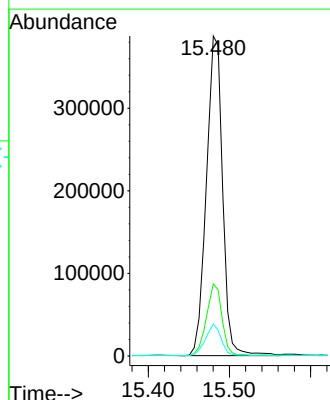
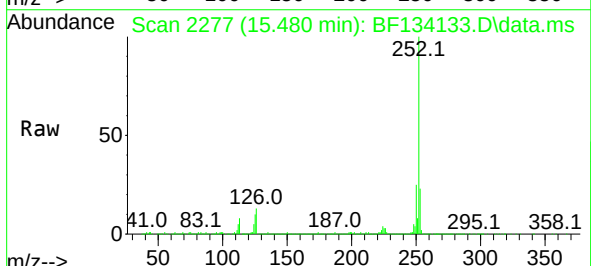
Tgt Ion:252 Resp: 536062

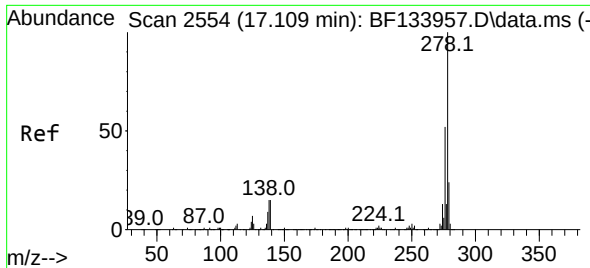
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 10.0 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 41.465 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Instrument :

BNA_F

ClientSampleId :

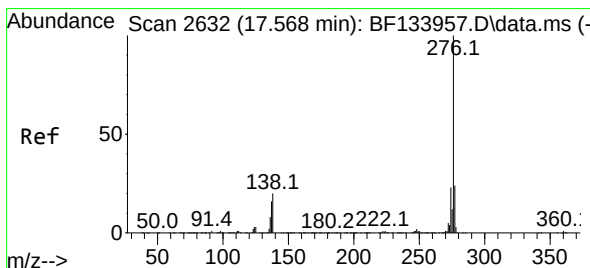
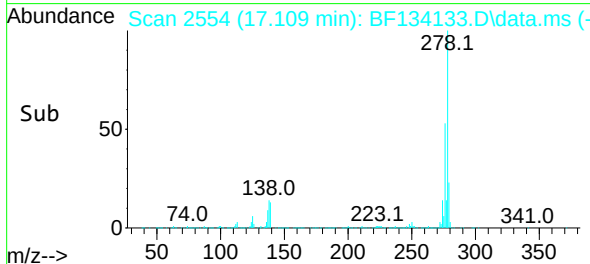
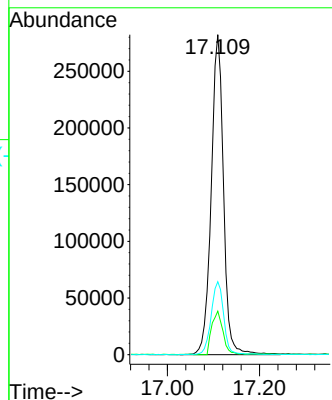
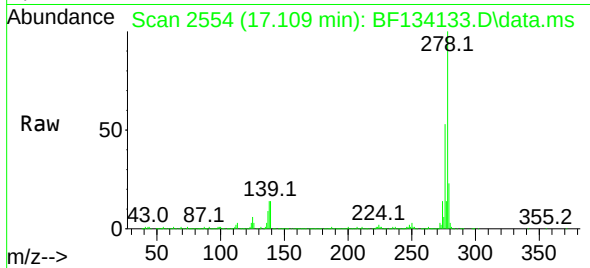
SB-2(8-10)MSD

Tgt Ion:278 Resp: 524570
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.4
279 22.8 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: 38.268 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.018 min
Lab File: BF134133.D
Acq: 07 Jul 2023 12:23

Tgt Ion:276 Resp: 499250
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.6
138 19.0 16.2 24.2

