

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134384.D
 Acq On : 20 Jul 2023 16:32
 Operator : CG\JU
 Sample : 03625-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200018MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 16:56:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	66340	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	253854	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	133109	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	266138	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150959	20.000	ng	0.00
86) Perylene-d12	15.539	264	161624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	476422	120.130	ng	0.02
7) Phenol-d6	6.487	99	535444	109.784	ng	0.00
23) Nitrobenzene-d5	7.404	82	424401	90.121	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	254778	152.660	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	856343	93.535	ng	0.00
79) Terphenyl-d14	12.969	244	1059816	112.990	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	56640	34.637	ng	# 80
3) Pyridine	3.546	79	130415	30.618	ng	95
4) n-Nitrosodimethylamine	3.481	42	99706	40.986	ng	100
6) Aniline	6.504	93	104973	17.687	ng	# 25
8) 2-Chlorophenol	6.628	128	180080	44.731	ng	99
9) Benzaldehyde	6.398	77	58948	18.993	ng	98
10) Phenol	6.498	94	191232	37.291	ng	87
11) bis(2-Chloroethyl)ether	6.575	93	161991	42.907	ng	97
12) 1,3-Dichlorobenzene	6.781	146	171348	39.922	ng	97
13) 1,4-Dichlorobenzene	6.857	146	177115	40.856	ng	99
14) 1,2-Dichlorobenzene	7.004	146	170771	42.061	ng	98
15) Benzyl Alcohol	6.987	79	174366	46.375	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	237128	35.503	ng	64
17) 2-Methylphenol	7.098	107	152313	42.250	ng	94
18) Hexachloroethane	7.345	117	66822	41.571	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	140731	45.500	ng	99
20) 3+4-Methylphenols	7.251	107	193184	44.171	ng	93
22) Acetophenone	7.251	105	276442	47.883	ng	93
24) Nitrobenzene	7.422	77	203894	42.845	ng	95
25) Isophorone	7.663	82	377963	44.161	ng	99
26) 2-Nitrophenol	7.739	139	104139	45.617	ng	97
27) 2,4-Dimethylphenol	7.775	122	166810	46.161	ng	92
28) bis(2-Chloroethoxy)met...	7.869	93	214885	43.361	ng	99
29) 2,4-Dichlorophenol	7.981	162	164214	45.827	ng	94
30) 1,2,4-Trichlorobenzene	8.057	180	166250	44.964	ng	99
31) Naphthalene	8.139	128	518296	42.269	ng	99
32) Benzoic acid	7.892	122	33259	12.283	ng	87
33) 4-Chloroaniline	8.192	127	26402	5.034	ng	95
34) Hexachlorobutadiene	8.251	225	107130	45.932	ng	98
35) Caprolactam	8.569	113	47403m	40.177	ng	
36) 4-Chloro-3-methylphenol	8.686	107	191943	47.682	ng	94
37) 2-Methylnaphthalene	8.834	142	371360	42.827	ng	99
38) 1-Methylnaphthalene	8.928	142	347713	43.135	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	183778	46.602	ng	99
41) Hexachlorocyclopentadiene	8.981	237	126354	67.536	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	123054	45.838	ng	97

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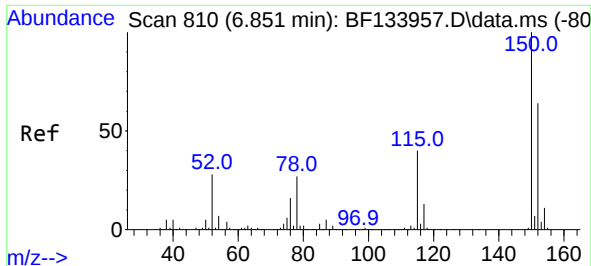
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	133159	42.169	ng	94
46) 1,1'-Biphenyl	9.298	154	483852	45.315	ng	97
47) 2-Chloronaphthalene	9.322	162	359636	46.034	ng	98
48) 2-Nitroaniline	9.428	65	130072	45.684	ng	96
49) Acenaphthylene	9.739	152	593685	44.486	ng	100
50) Dimethylphthalate	9.604	163	475810	49.243	ng	99
51) 2,6-Dinitrotoluene	9.669	165	98766	47.458	ng	88
52) Acenaphthene	9.910	154	355151	45.863	ng	99
53) 3-Nitroaniline	9.839	138	52685	21.102	ng	95
54) 2,4-Dinitrophenol	9.957	184	33080	30.058	ng	94
55) Dibenzofuran	10.086	168	553749	45.756	ng	99
56) 4-Nitrophenol	10.016	139	117462	67.260	ng	88
57) 2,4-Dinitrotoluene	10.081	165	132310	48.141	ng	# 83
58) Fluorene	10.428	166	453011	48.114	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	118329	47.505	ng	97
60) Diethylphthalate	10.304	149	496649	49.336	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	224379	49.450	ng	99
62) 4-Nitroaniline	10.463	138	95980	38.146	ng	94
63) Azobenzene	10.580	77	432947	45.467	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	37524	25.861	ng	92
66) n-Nitrosodiphenylamine	10.545	169	395721	46.538	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	142222	50.278	ng	# 92
68) Hexachlorobenzene	10.980	284	164980	54.930	ng	96
69) Atrazine	11.075	200	138908	59.058	ng	98
70) Pentachlorophenol	11.180	266	119874	66.752	ng	98
71) Phenanthrene	11.398	178	636274	47.491	ng	99
72) Anthracene	11.451	178	659133	47.300	ng	100
73) Carbazole	11.610	167	606586	47.557	ng	99
74) Di-n-butylphthalate	11.933	149	796166	52.489	ng	99
75) Fluoranthene	12.592	202	675397	46.630	ng	98
77) Benzidine	12.716	184	164623	45.831	ng	99
78) Pyrene	12.827	202	670603	47.734	ng	99
80) Butylbenzylphthalate	13.445	149	305955	58.067	ng	97
81) Benzo(a)anthracene	14.027	228	495496	47.329	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	88738	26.753	ng	98
83) Chrysene	14.063	228	449983	44.376	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	419552	69.298	ng	99
85) Di-n-octyl phthalate	14.627	149	605369	68.049	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	546747	48.751	ng	# 95
88) Benzo(b)fluoranthene	15.098	252	450631	47.417	ng	# 98
89) Benzo(k)fluoranthene	15.127	252	439290	45.399	ng	# 98
90) Benzo(a)pyrene	15.474	252	397476	43.251	ng	# 98
91) Dibenzo(a,h)anthracene	17.109	278	461792	50.412	ng	# 96
92) Benzo(g,h,i)perylene	17.568	276	413773	43.802	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

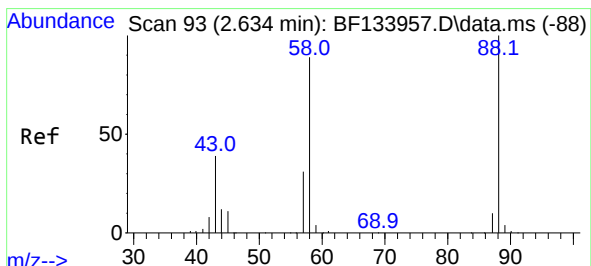
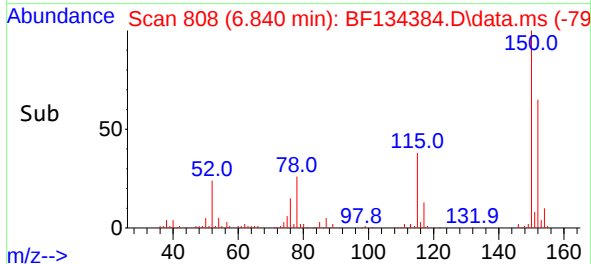
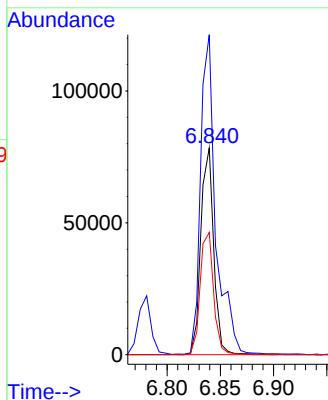
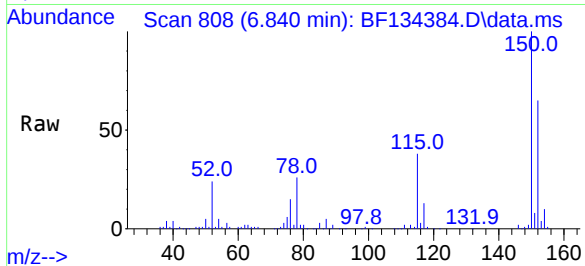
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Tgt Ion:152 Resp: 66340
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 59.1 50.2 75.2

Manual Integrations

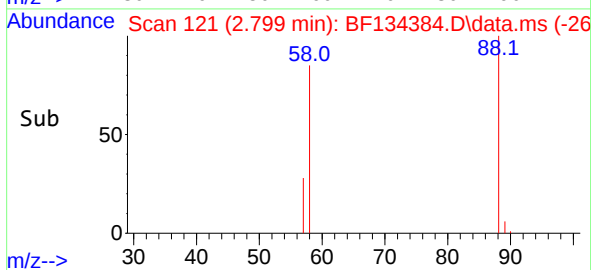
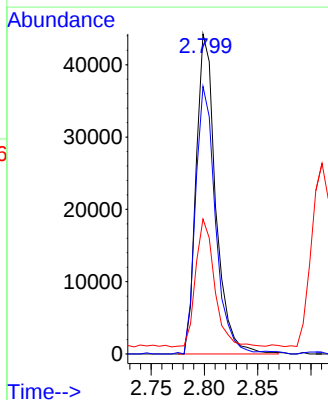
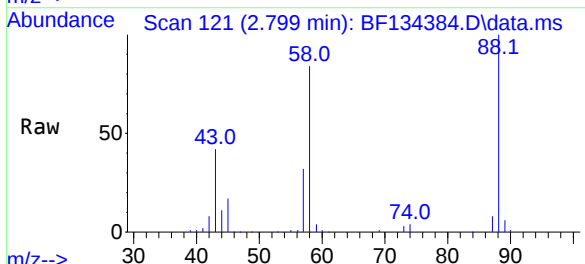
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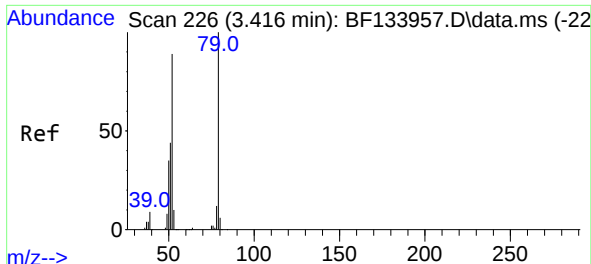
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#2
1,4-Dioxane
Concen: 34.637 ng
RT: 2.799 min Scan# 121
Delta R.T. 0.206 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

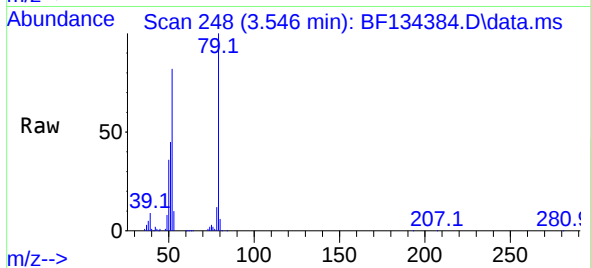
Tgt Ion: 88 Resp: 56640
Ion Ratio Lower Upper
88 100
58 85.1 68.8 103.2
43 0.0 30.7 46.1#





#3
Pyridine
Concen: 30.618 ng
RT: 3.546 min Scan# 248
Delta R.T. 0.165 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

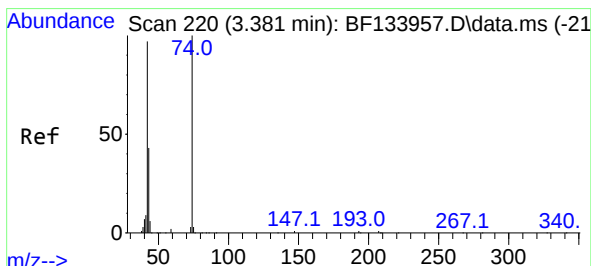
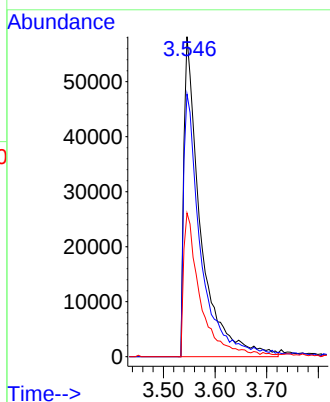
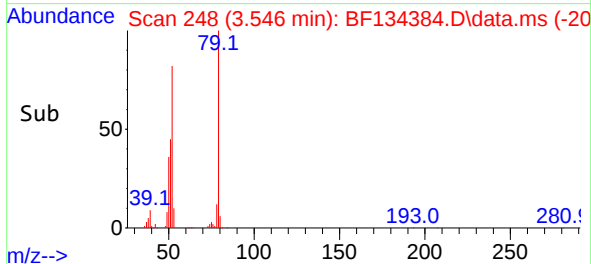
Instrument :
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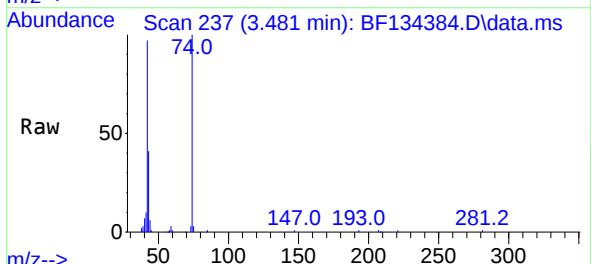
Tgt Ion: 79 Resp: 130415
Ion Ratio Lower Upper
79 100
52 82.0 71.1 106.7
51 44.9 35.2 52.8

Manual Integrations
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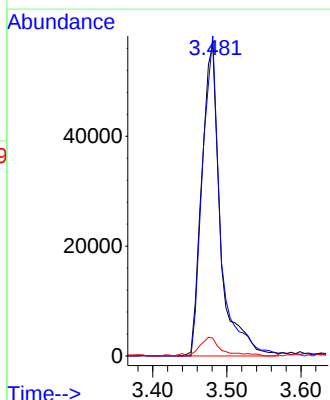
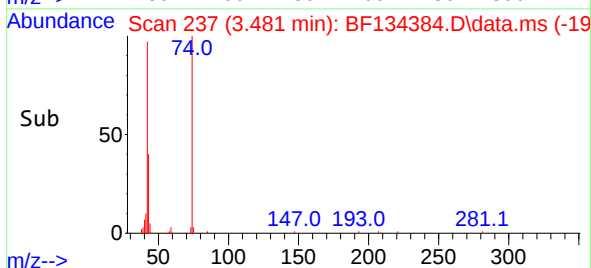
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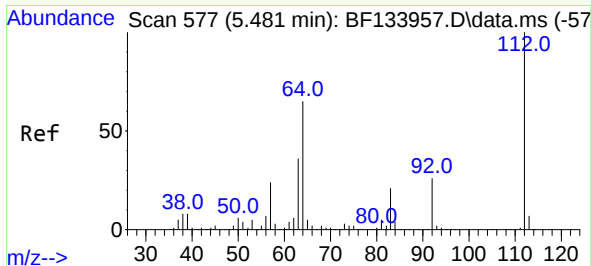


#4
n-Nitrosodimethylamine
Concen: 40.986 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.141 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion: 42 Resp: 99706
Ion Ratio Lower Upper
42 100
74 102.8 82.4 123.6
44 5.7 4.9 7.3





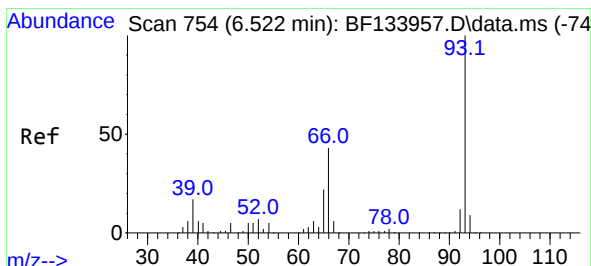
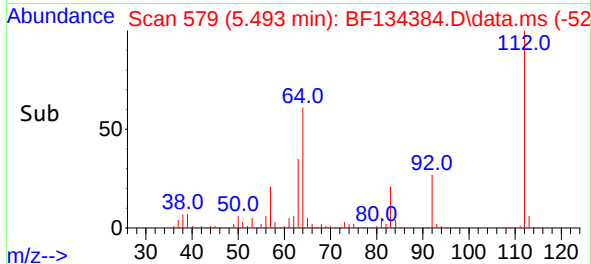
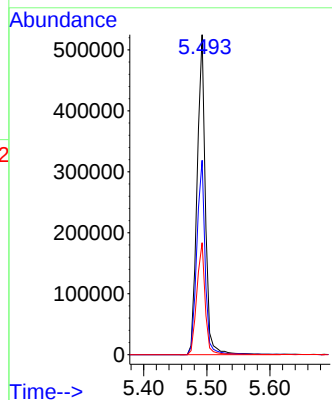
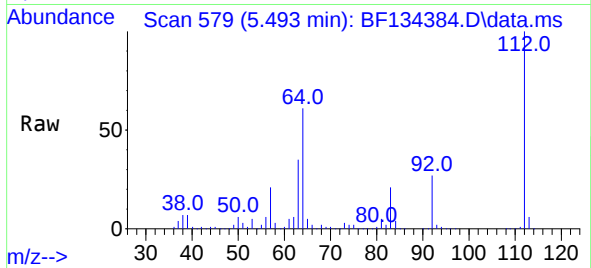
#5
2-Fluorophenol
Concen: 120.130 ng
RT: 5.493 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :
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Tgt Ion:112 Resp: 47642
Ion Ratio Lower Upper
112 100
64 60.7 52.1 78.1
63 35.0 28.6 42.8

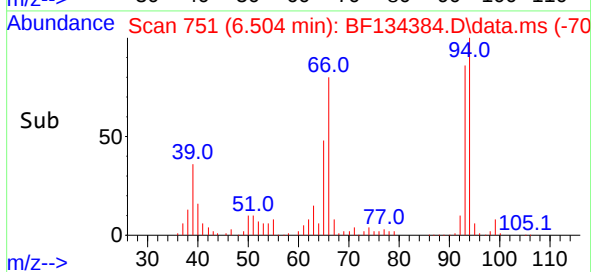
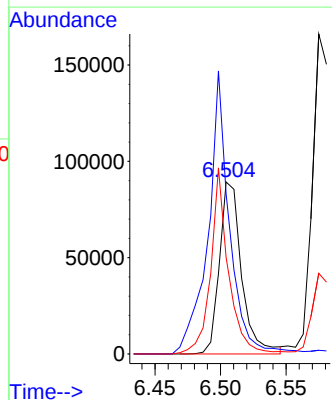
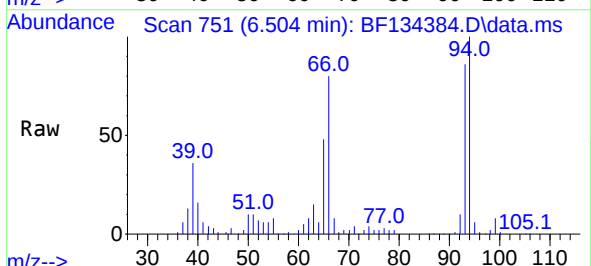
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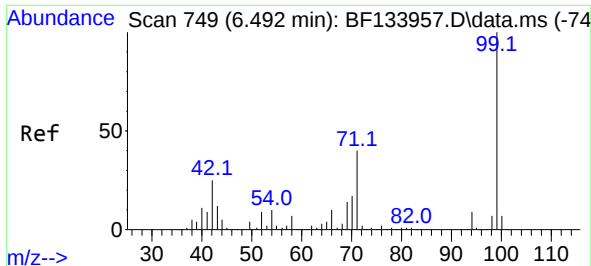
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#6
Aniline
Concen: 17.687 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

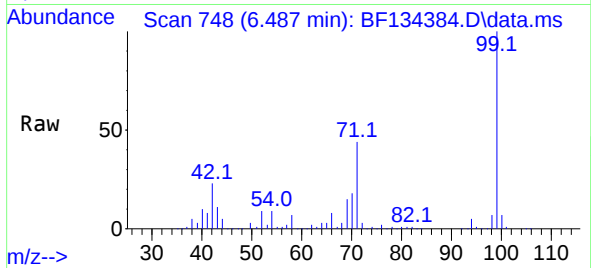
Tgt Ion: 93 Resp: 104973
Ion Ratio Lower Upper
93 100
66 93.0 34.5 51.7#
65 56.1 17.8 26.6#





#7
Phenol-d6
Concen: 109.784 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

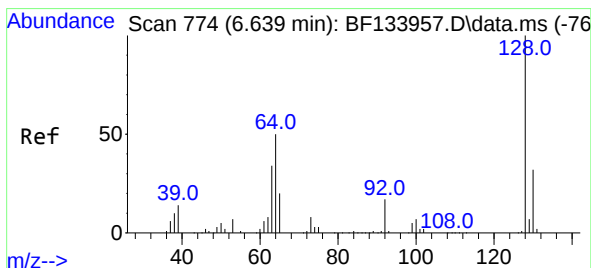
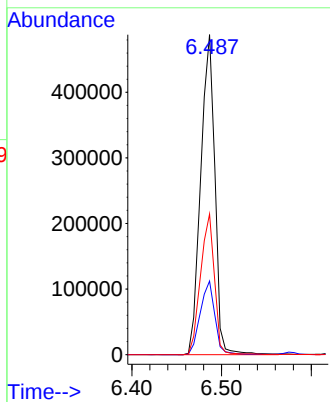
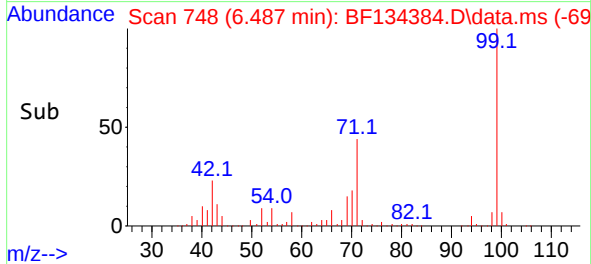
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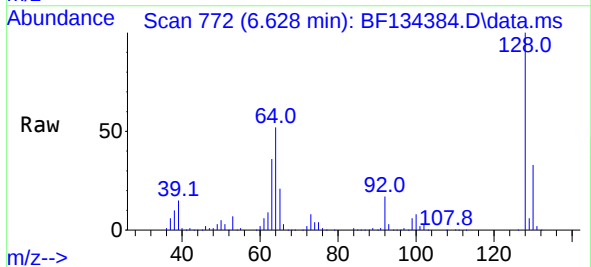
Tgt Ion: 99 Resp: 535444
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.6
71 44.0 31.9 47.9

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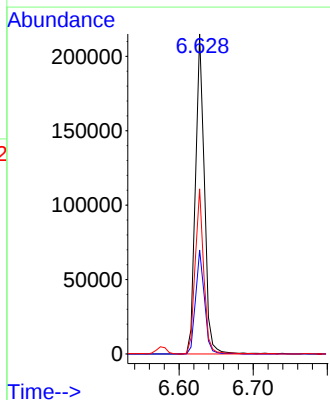
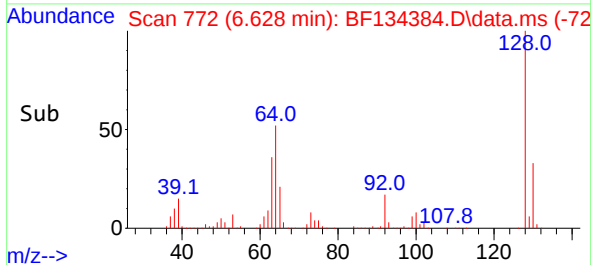
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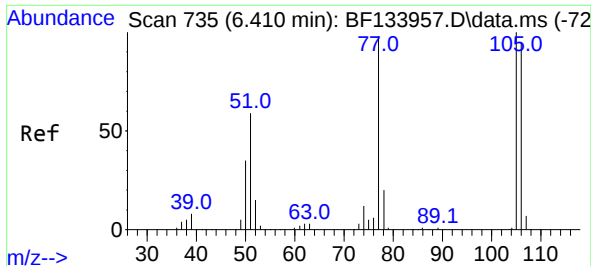


#8
2-Chlorophenol
Concen: 44.731 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:128 Resp: 180080
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 51.6 31.3 71.3





#9
Benzaldehyde
Concen: 18.993 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

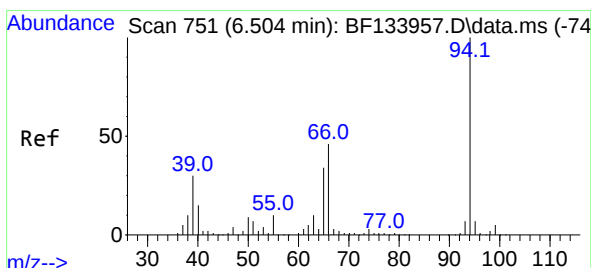
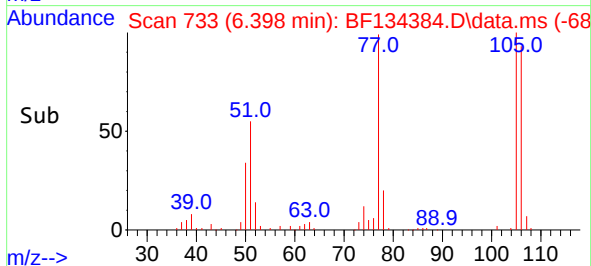
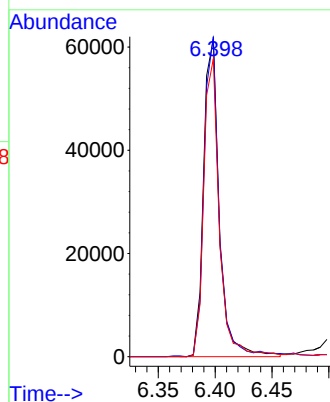
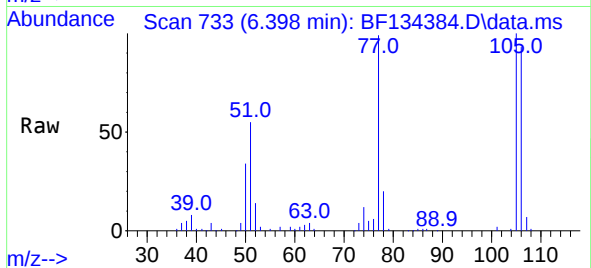
Instrument :
BNA_F
ClientSampleId :
RBR200018MS

Tgt Ion: 77 Resp: 5894

Ion	Ratio	Lower	Upper
77	100		
105	100.8	82.0	122.0
106	93.8	76.9	116.9

Manual Integrations
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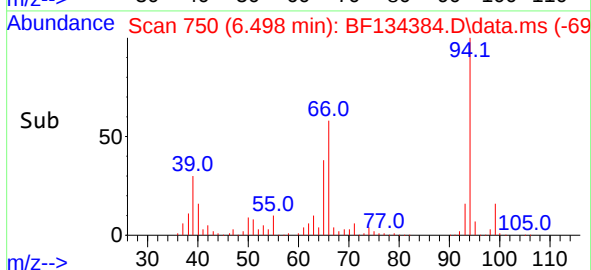
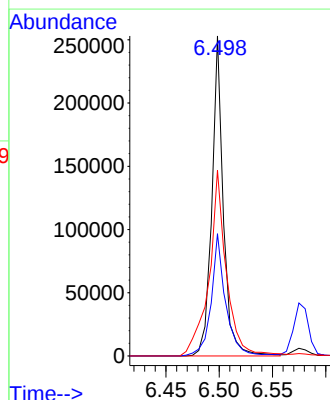
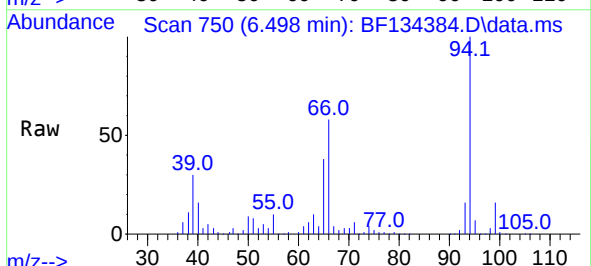
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

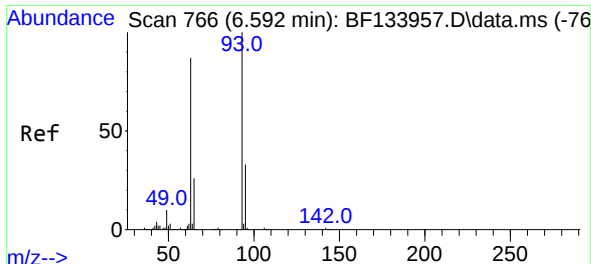


#10
Phenol
Concen: 37.291 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Tgt Ion: 94 Resp: 191232

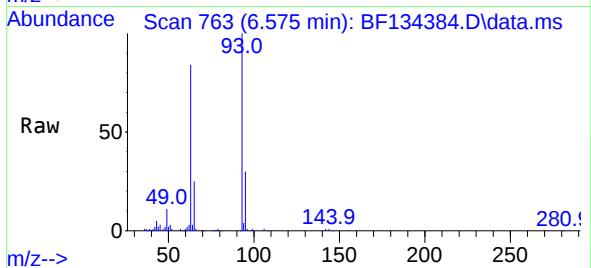
Ion	Ratio	Lower	Upper
94	100		
65	38.2	14.2	54.2
66	58.1	26.4	66.4





#11
bis(2-Chloroethyl)ether
Concen: 42.907 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

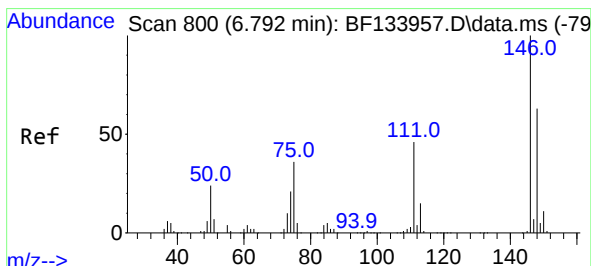
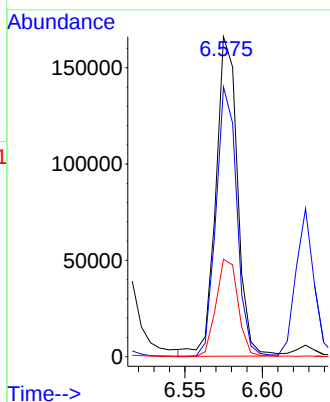
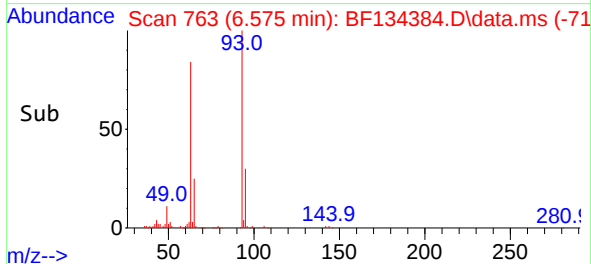
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



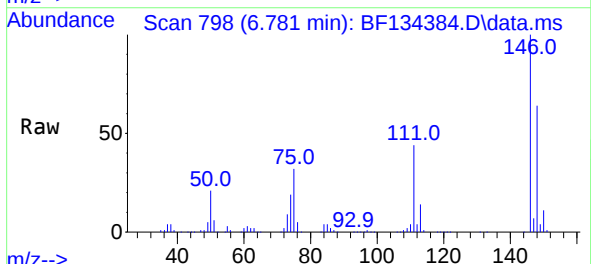
Tgt Ion: 93 Resp: 16199
Ion Ratio Lower Upper
93 100
63 84.3 66.5 106.5
95 30.4 12.9 52.9

Manual Integrations
APPROVED

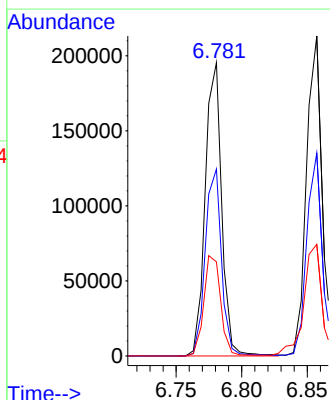
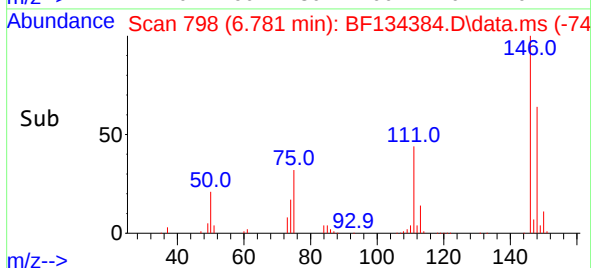
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

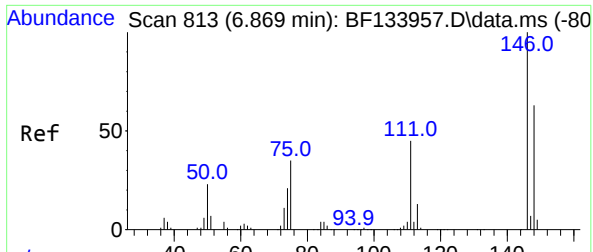


#12
1,3-Dichlorobenzene
Concen: 39.922 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



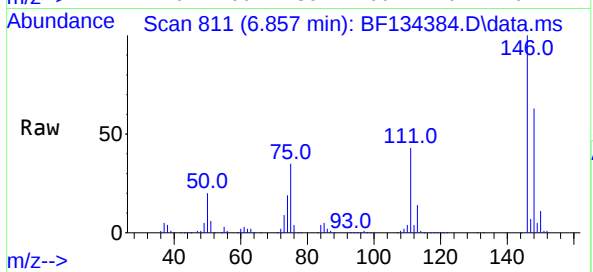
Tgt Ion:146 Resp: 171348
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 32.1 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 40.856 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

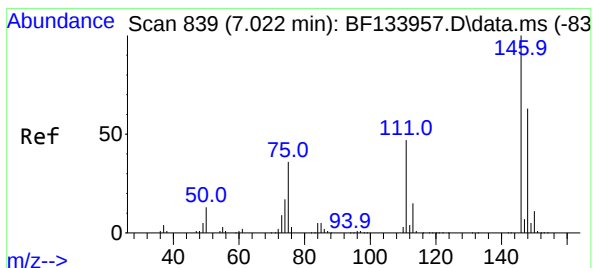
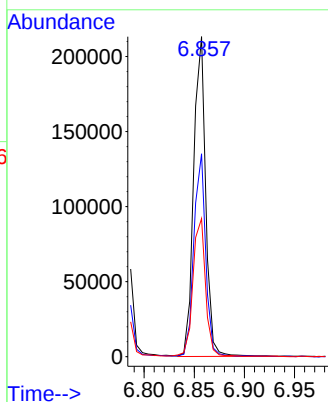
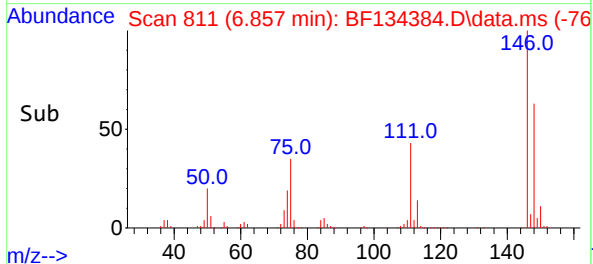
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



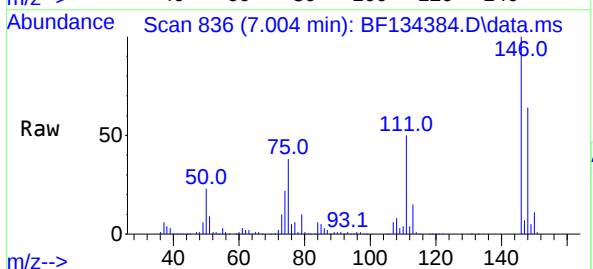
Tgt Ion:146 Resp: 177111
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 43.2 35.8 53.6

Manual Integrations
APPROVED

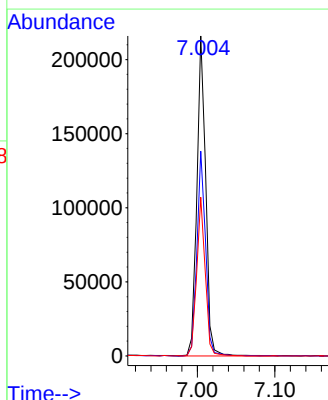
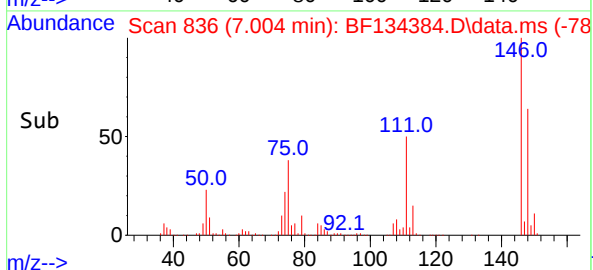
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

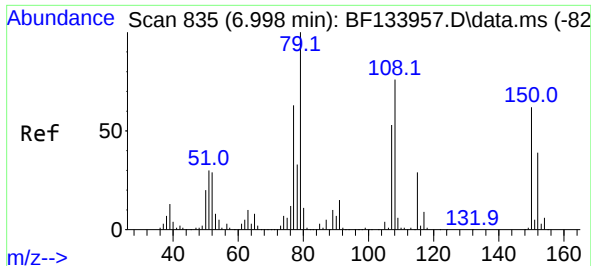


#14
1,2-Dichlorobenzene
Concen: 42.061 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:146 Resp: 170771
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 49.6 38.0 57.0





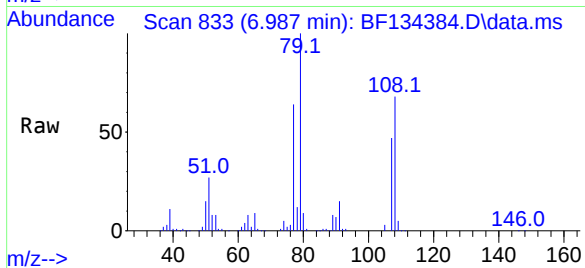
#15
Benzyl Alcohol
Concen: 46.375 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

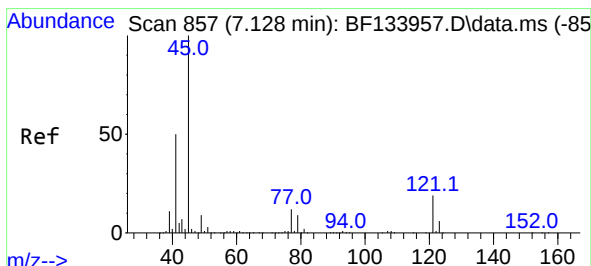
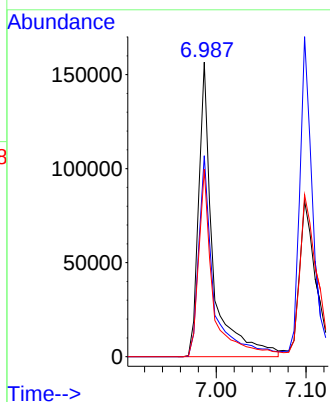
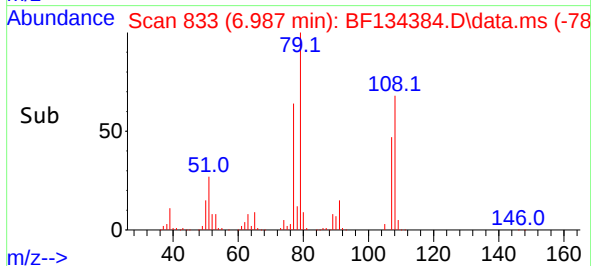


Tgt Ion: 79 Resp: 174360
Ion Ratio Lower Upper
79 100
108 68.2 60.7 91.1
77 63.6 50.6 75.8

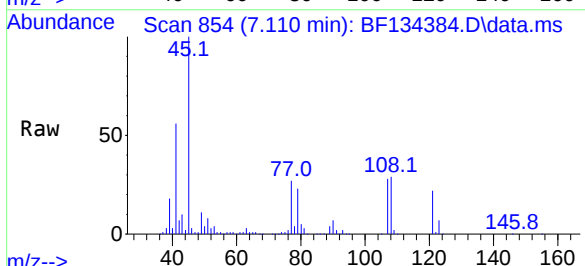
Manual Integrations

APPROVED

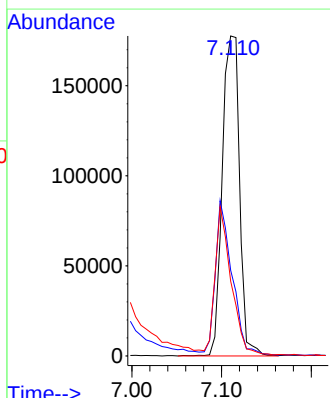
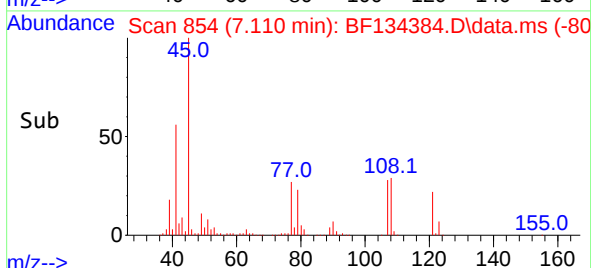
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

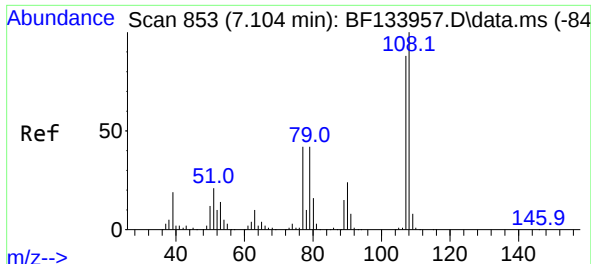


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.503 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



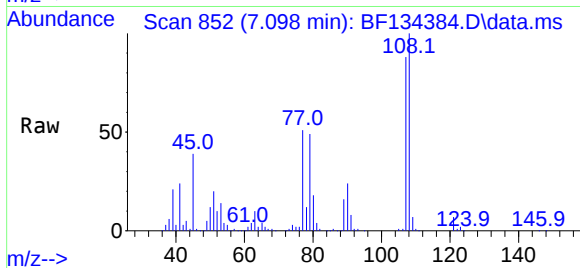
Tgt Ion: 45 Resp: 237128
Ion Ratio Lower Upper
45 100
77 26.8 0.0 32.9
79 23.3 0.0 29.5





#17
2-Methylphenol
Concen: 42.250 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

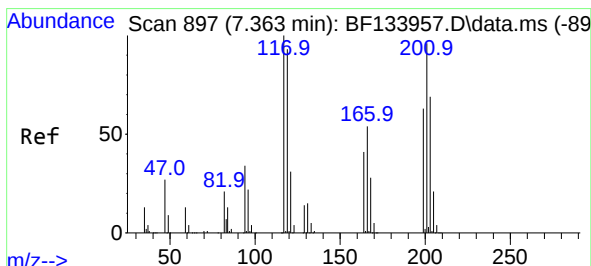
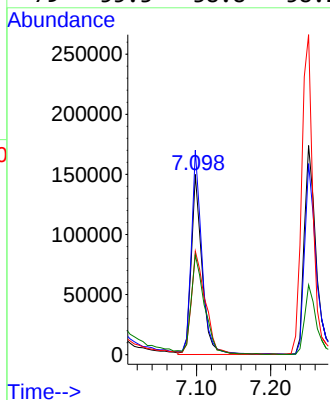
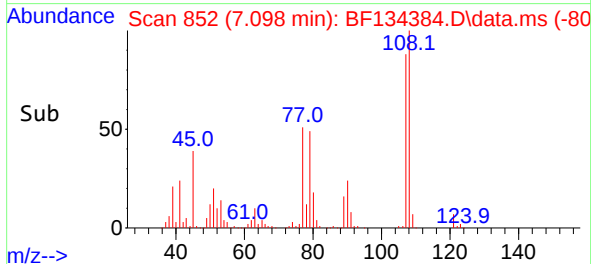
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



Tgt Ion:107 Resp: 15231
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 57.5 38.3 57.5
79 55.3 38.8 58.2

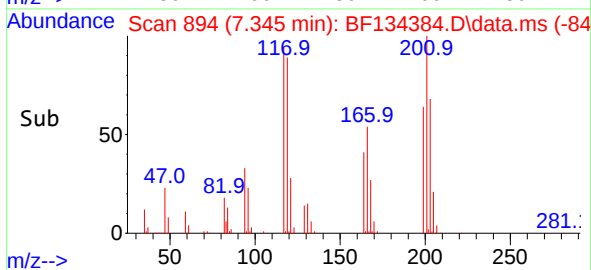
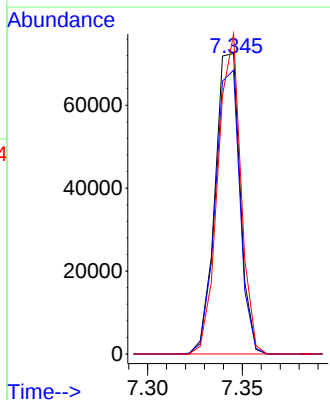
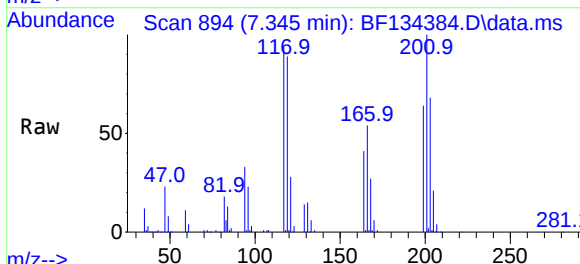
Manual Integrations
APPROVED

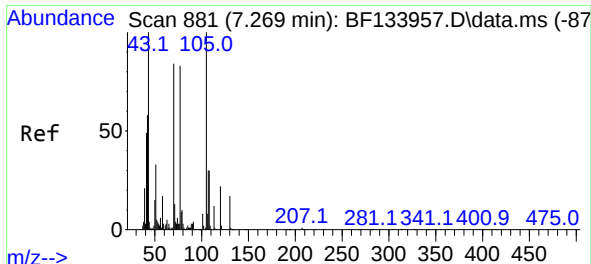
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#18
Hexachloroethane
Concen: 41.571 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

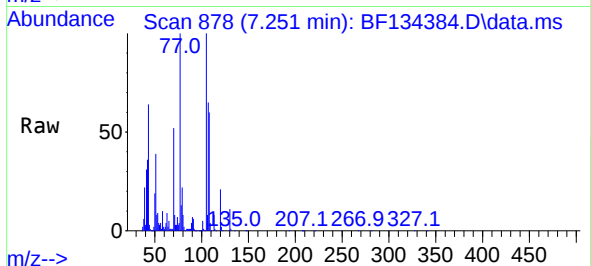
Tgt Ion:117 Resp: 66822
Ion Ratio Lower Upper
117 100
119 94.5 74.2 111.4
201 106.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.500 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

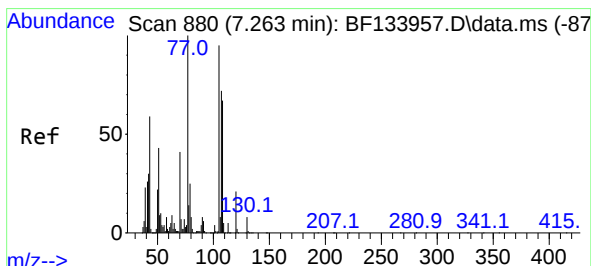
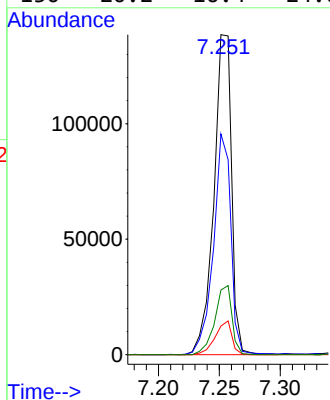
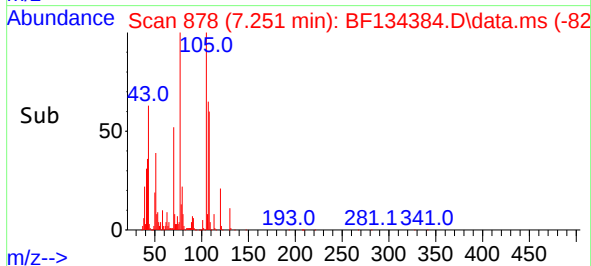
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



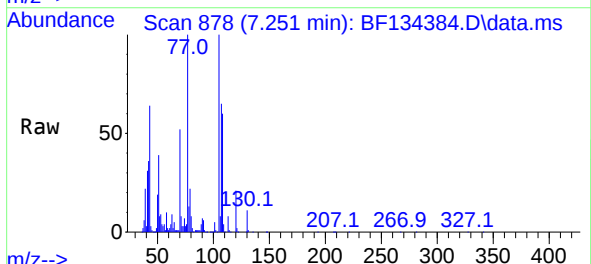
Tgt Ion: 70 Resp: 14073
Ion Ratio Lower Upper
70 100
42 69.0 54.7 82.1
101 8.9 7.7 11.5
130 20.2 16.4 24.6

Manual Integrations
APPROVED

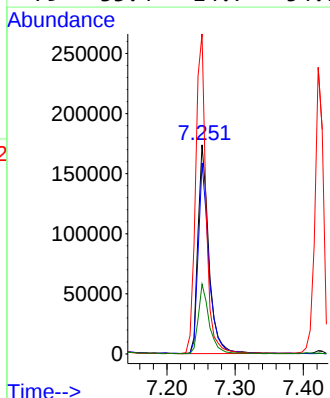
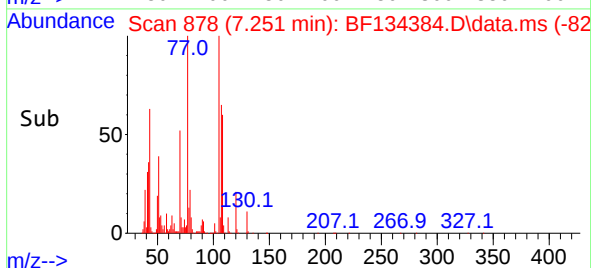
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

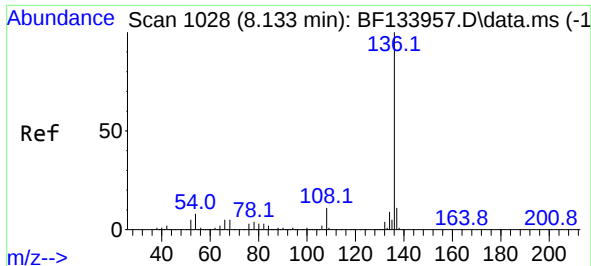


#20
3+4-Methylphenols
Concen: 44.171 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:107 Resp: 193184
Ion Ratio Lower Upper
107 100
108 91.3 73.2 113.2
77 153.0 118.3 158.3
79 33.4 14.7 54.7





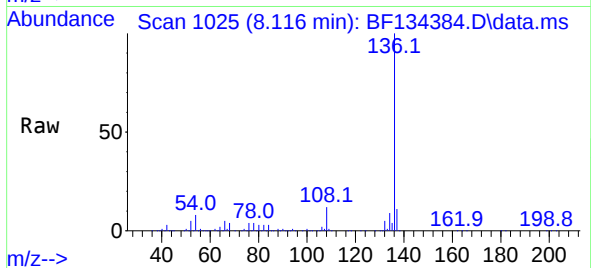
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

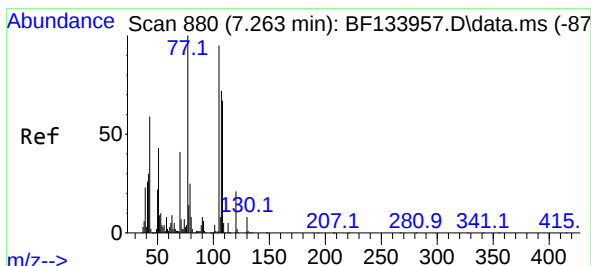
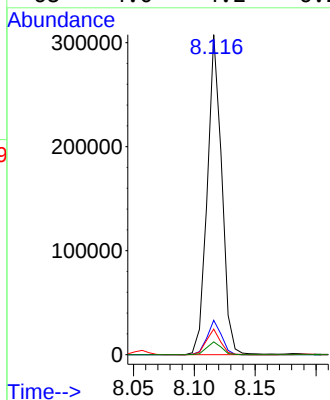
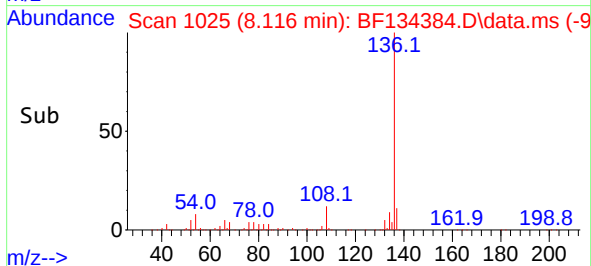


Tgt Ion:136 Resp: 253854
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.0 6.5 9.7
68 4.0 4.2 6.2#

Manual Integrations

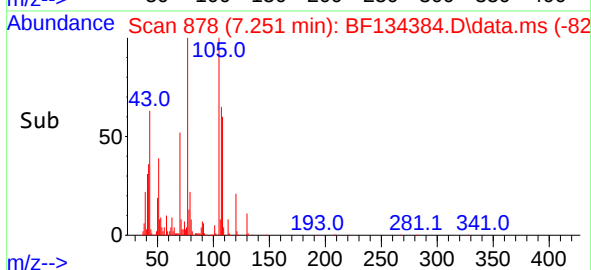
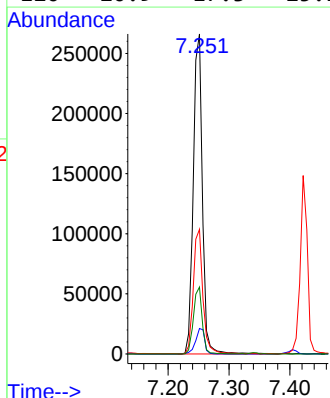
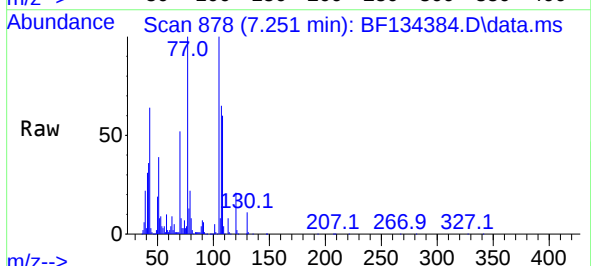
APPROVED

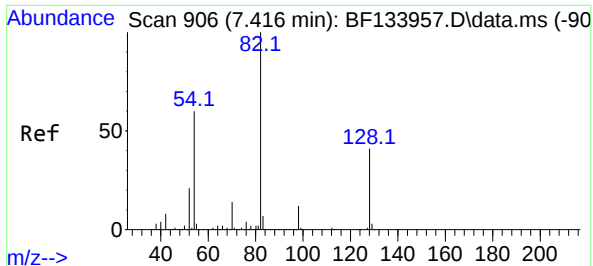
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Acetophenone
Concen: 47.883 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Tgt Ion:105 Resp: 276442
Ion Ratio Lower Upper
105 100
71 7.9 5.5 8.3
51 39.0 36.5 54.7
120 20.9 17.3 25.9





#23
Nitrobenzene-d5
Concen: 90.121 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

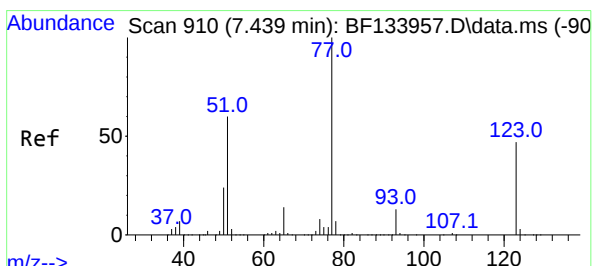
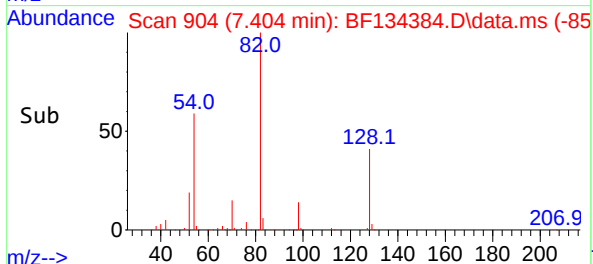
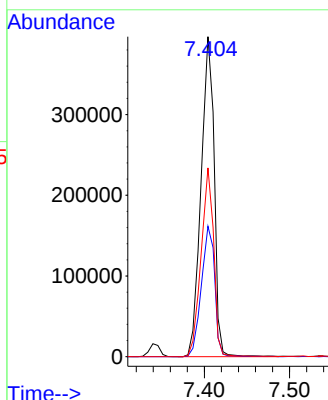
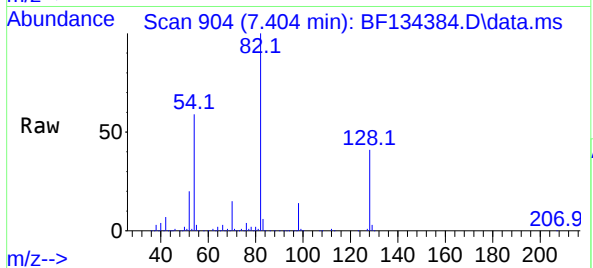
RBR200018MS

Tgt Ion: 82 Resp: 42440
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 59.0 48.2 72.2

Manual Integrations

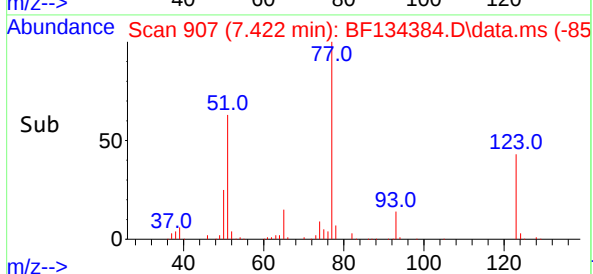
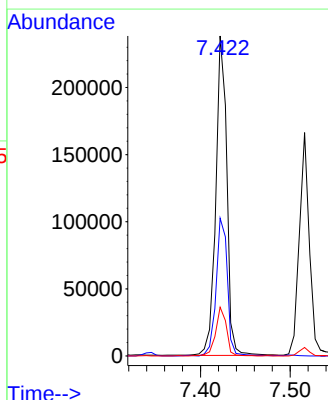
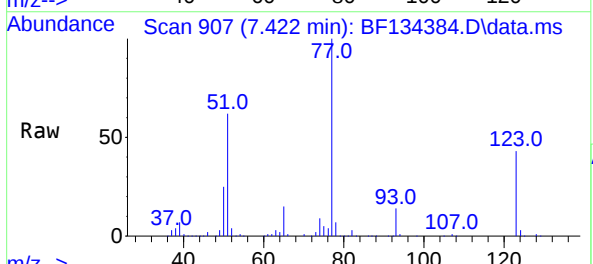
APPROVED

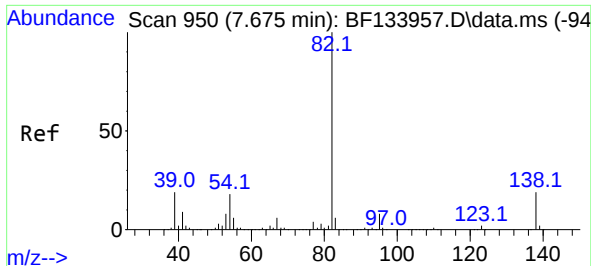
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#24
Nitrobenzene
Concen: 42.845 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

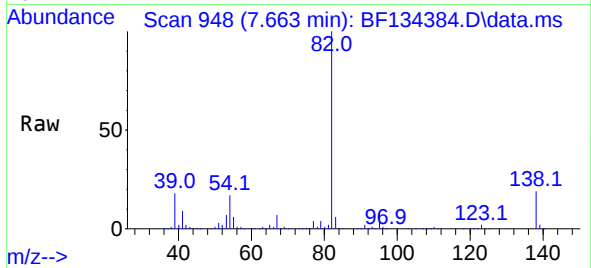
Tgt Ion: 77 Resp: 203894
Ion Ratio Lower Upper
77 100
123 43.1 37.8 56.6
65 15.3 11.3 16.9





#25
Isophorone
Concen: 44.161 ng
RT: 7.663 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

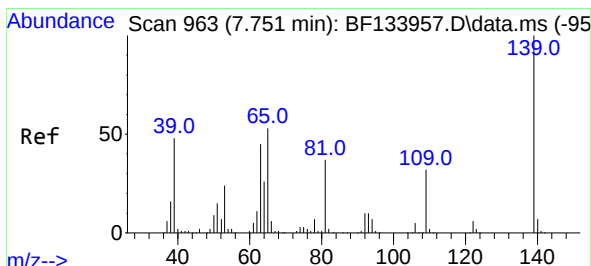
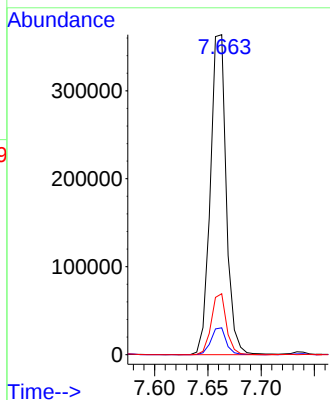
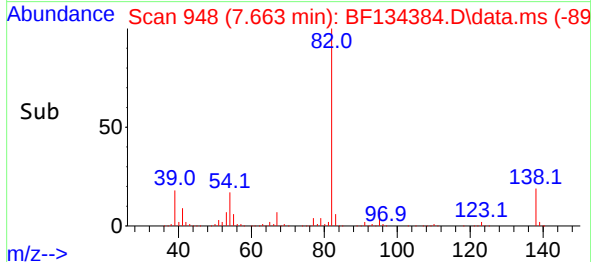
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



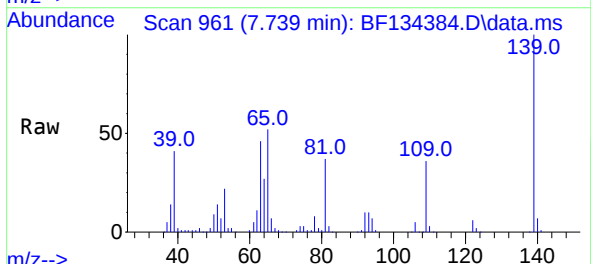
Tgt Ion: 82 Resp: 37796
Ion Ratio Lower Upper
82 100
95 8.4 6.1 9.1
138 19.1 15.2 22.8

Manual Integrations
APPROVED

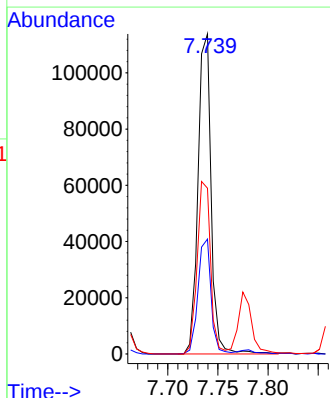
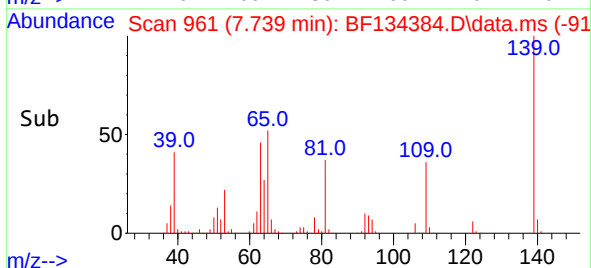
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

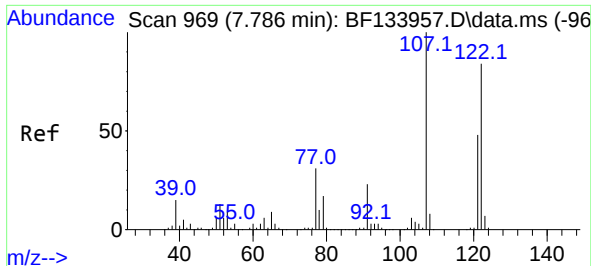


#26
2-Nitrophenol
Concen: 45.617 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:139 Resp: 104139
Ion Ratio Lower Upper
139 100
109 35.9 25.8 38.8
65 51.8 42.4 63.6





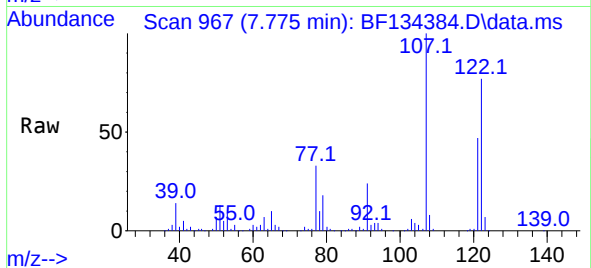
#27
2,4-Dimethylphenol
Concen: 46.161 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

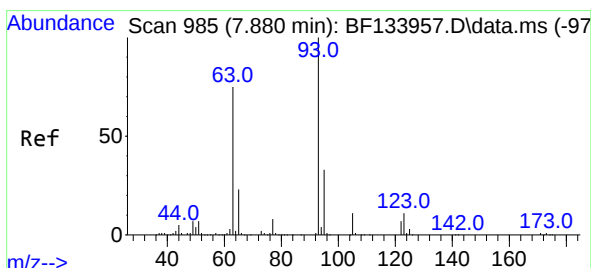
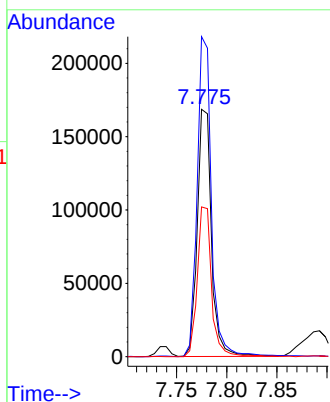
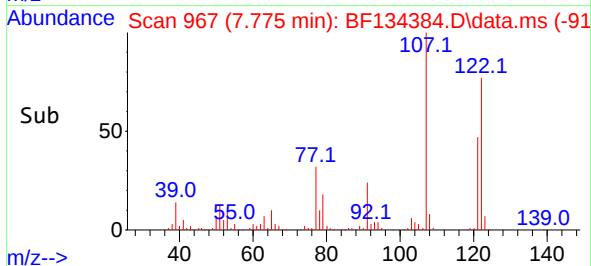


Tgt Ion:122 Resp: 166810
Ion Ratio Lower Upper
122 100
107 129.3 95.5 143.3
121 60.5 45.5 68.3

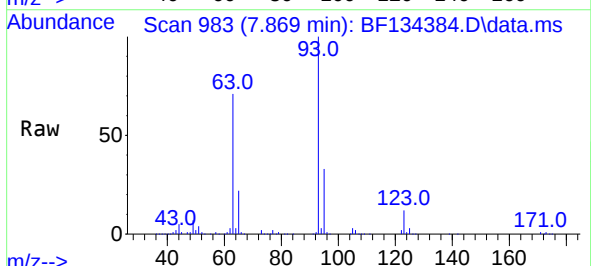
Manual Integrations

APPROVED

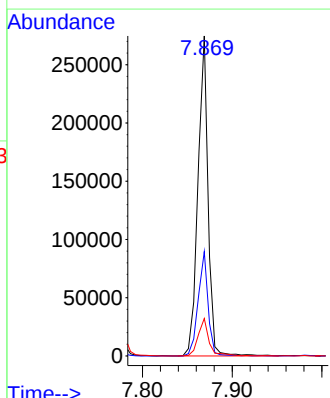
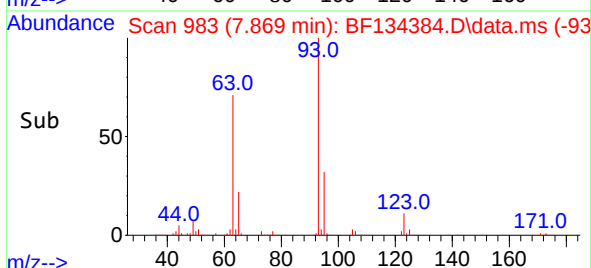
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

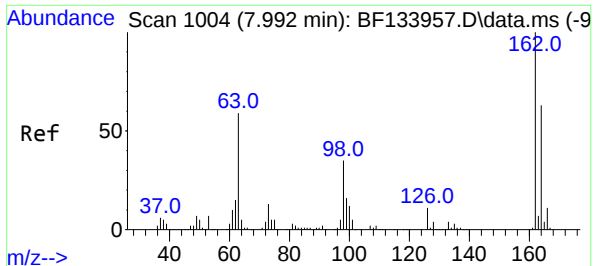


#28
bis(2-Chloroethoxy)methane
Concen: 43.361 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion: 93 Resp: 214885
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.7 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 45.827 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

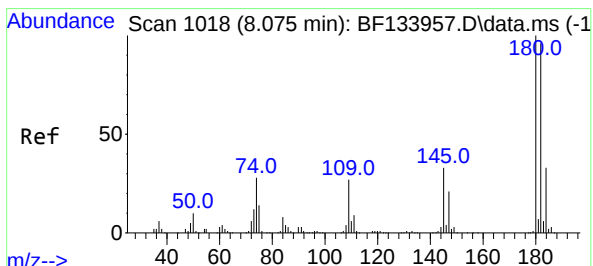
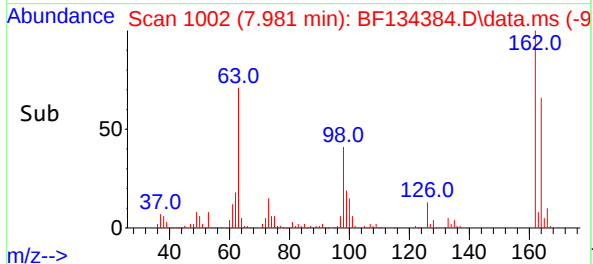
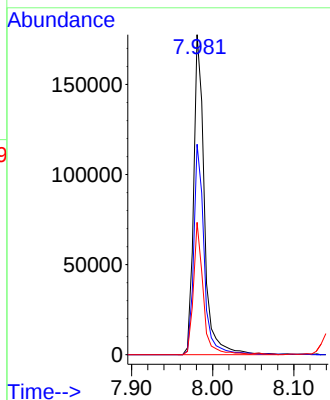
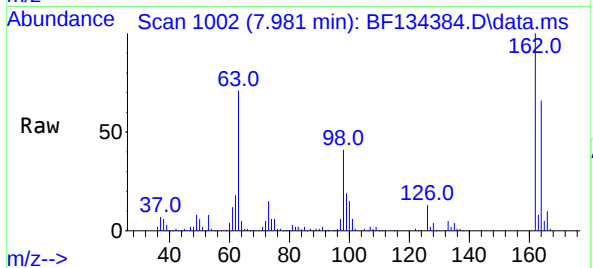
RBR200018MS

Tgt Ion:162 Resp: 164214
Ion Ratio Lower Upper
162 100
164 65.8 43.2 83.2
98 41.3 14.9 54.9

Manual Integrations

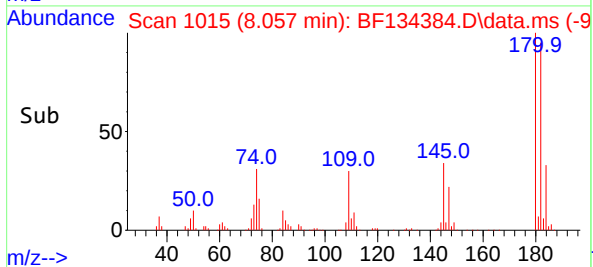
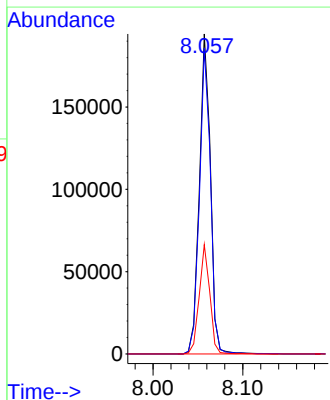
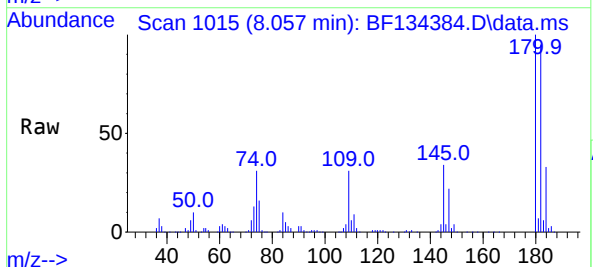
APPROVED

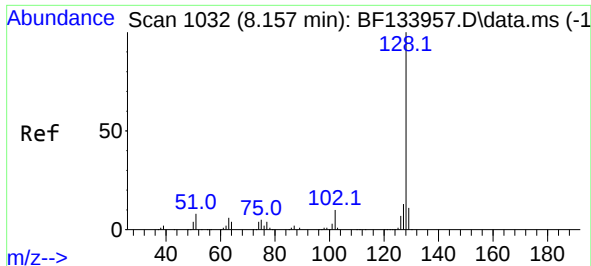
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.964 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

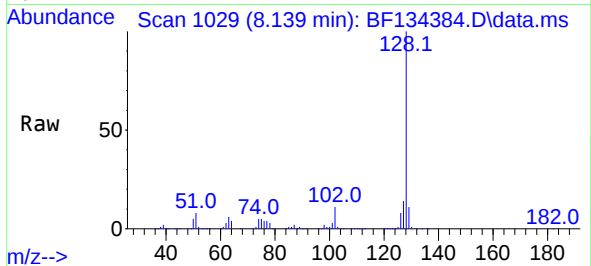
Tgt Ion:180 Resp: 166250
Ion Ratio Lower Upper
180 100
182 95.5 77.1 115.7
145 34.2 26.0 39.0





#31
Naphthalene
Concen: 42.269 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

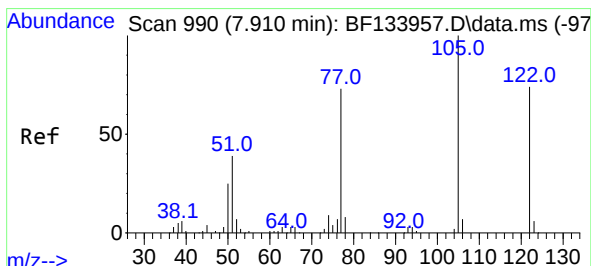
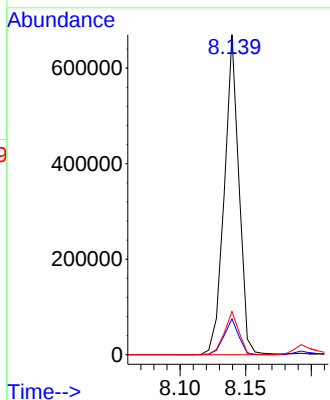
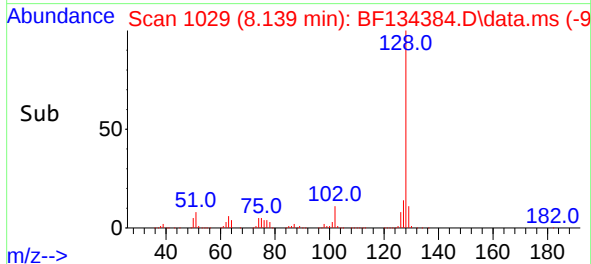
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



Tgt Ion:128 Resp: 518290
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.6 15.8

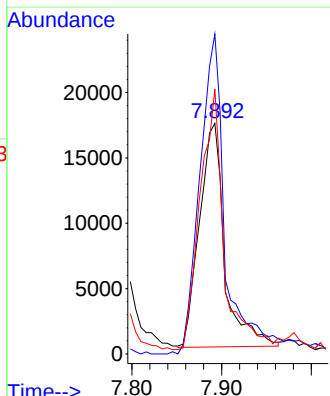
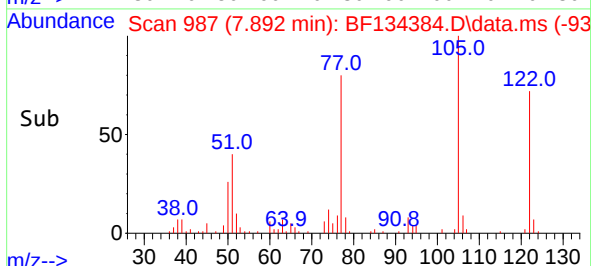
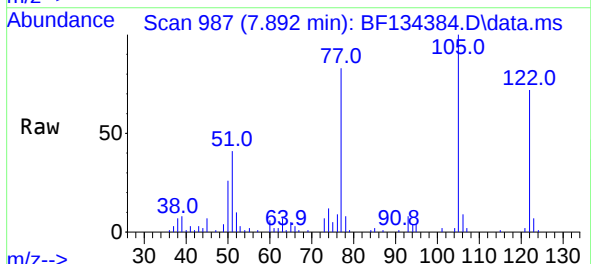
Manual Integrations
APPROVED

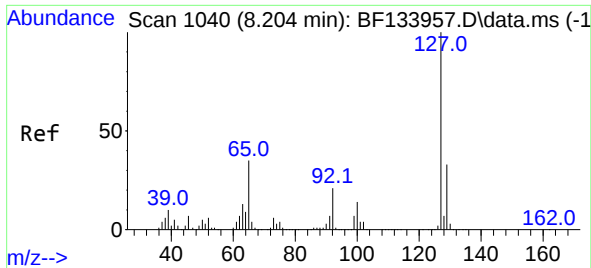
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#32
Benzoic acid
Concen: 12.283 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Tgt Ion:122 Resp: 33259
Ion Ratio Lower Upper
122 100
105 138.8 109.7 149.7
77 114.8 76.0 116.0





#33
4-Chloroaniline
Concen: 5.034 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

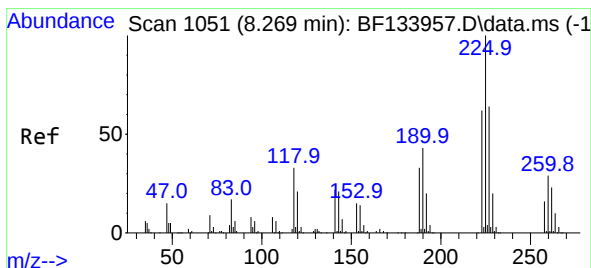
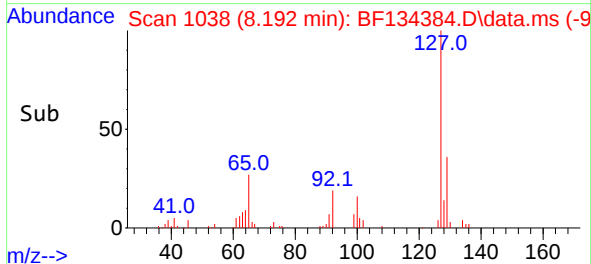
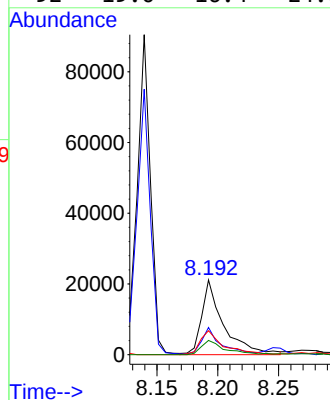
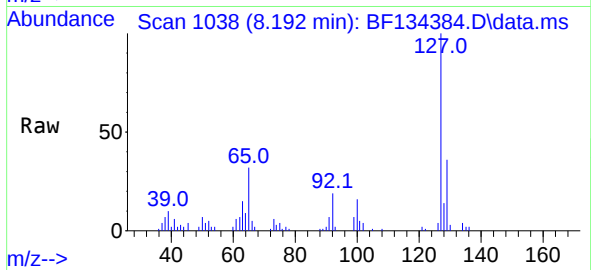
RBR200018MS

Tgt Ion:127	Resp:	2640
Ion Ratio	Lower	Upper
127	100	
129	36.4	26.4 39.6
65	32.1	27.8 41.8
92	19.0	16.4 24.6

Manual Integrations

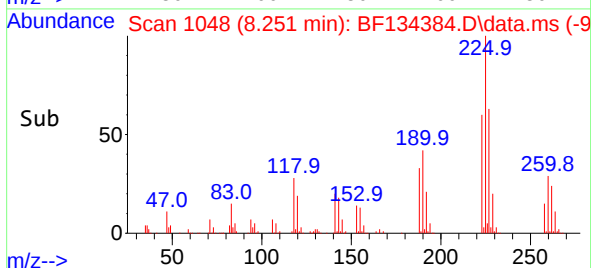
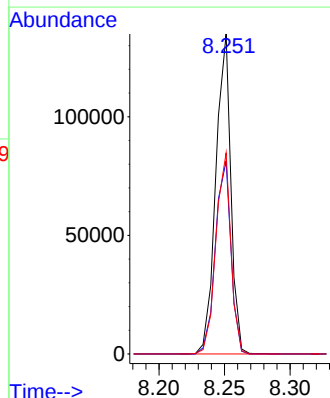
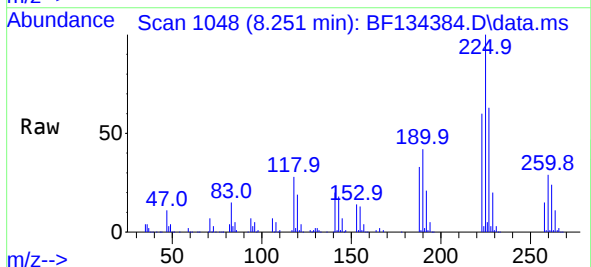
APPROVED

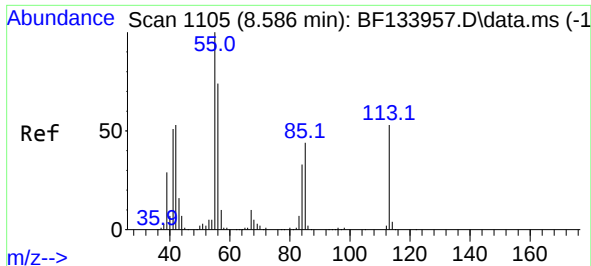
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#34
Hexachlorobutadiene
Concen: 45.932 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

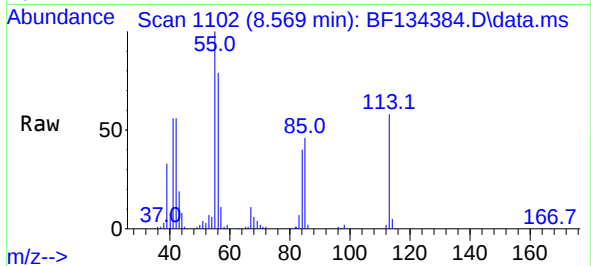
Tgt Ion:225	Resp:	107130
Ion Ratio	Lower	Upper
225	100	
223	60.3	49.8 74.8
227	62.9	51.0 76.4





#35
Caprolactam
Concen: 40.177 ng m
RT: 8.569 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

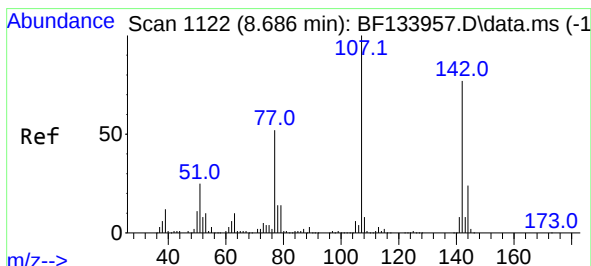
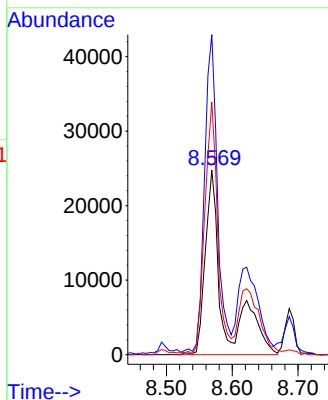
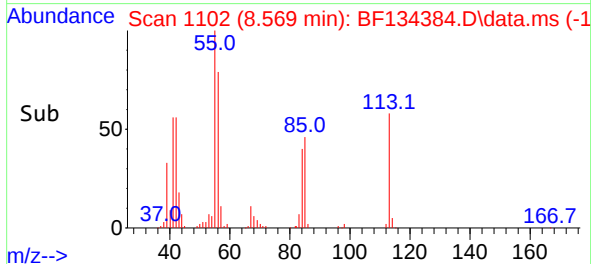
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



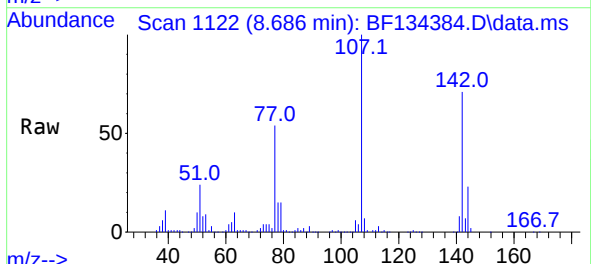
Tgt Ion:113 Resp: 4740
Ion Ratio Lower Upper
113 100
55 173.4 170.2 210.2
56 136.8 121.4 161.4

Manual Integrations
APPROVED

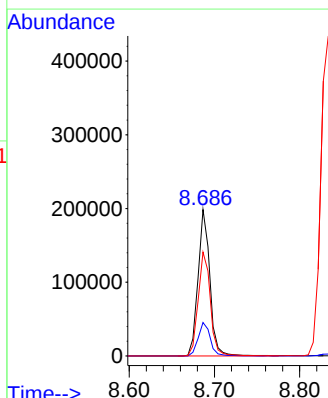
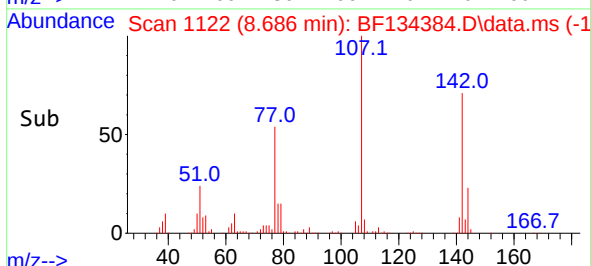
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

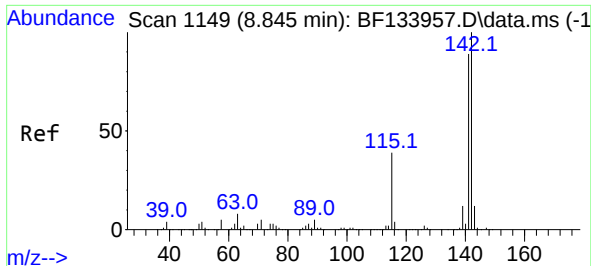


#36
4-Chloro-3-methylphenol
Concen: 47.682 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:107 Resp: 191943
Ion Ratio Lower Upper
107 100
144 22.8 19.6 29.4
142 70.9 61.4 92.2





#37
2-Methylnaphthalene
Concen: 42.827 ng
RT: 8.834 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

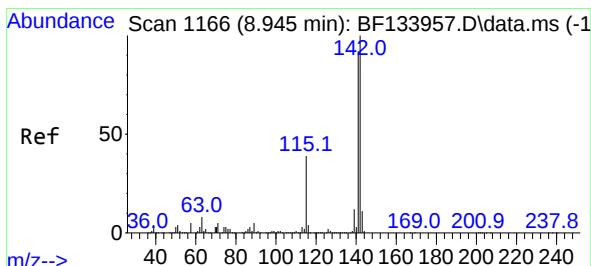
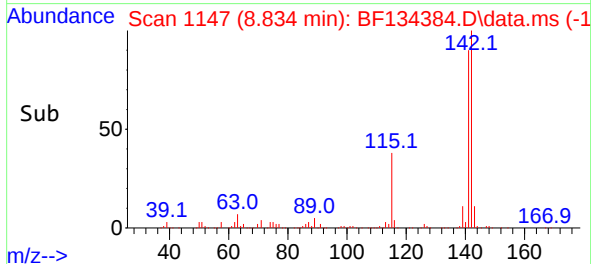
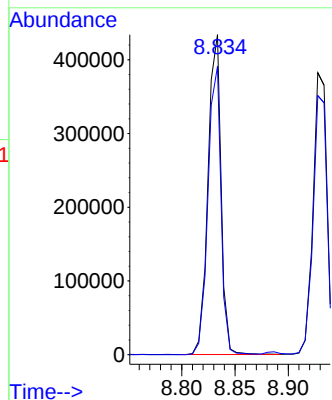
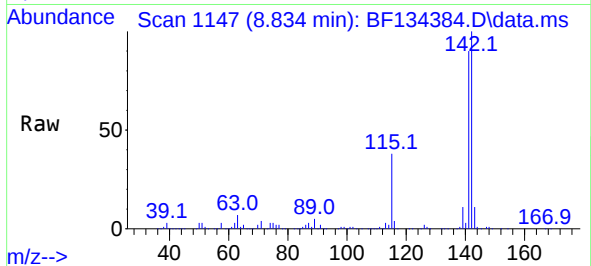
RBR200018MS

Tgt Ion:142 Resp: 371360
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.4

Manual Integrations

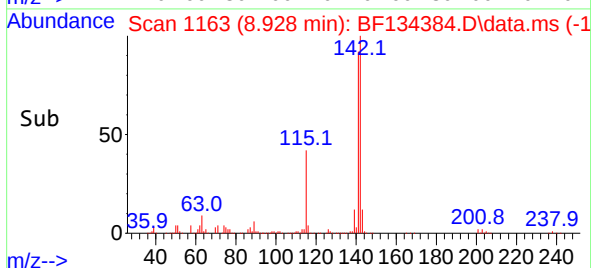
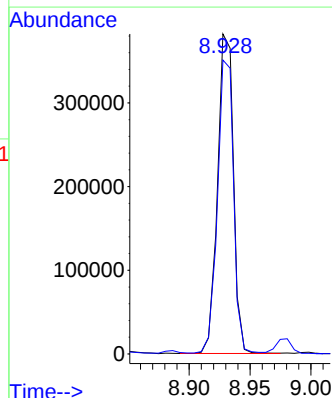
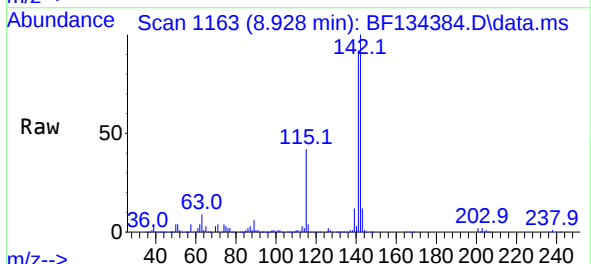
APPROVED

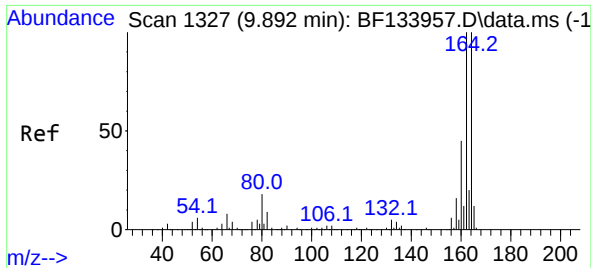
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#38
1-Methylnaphthalene
Concen: 43.135 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

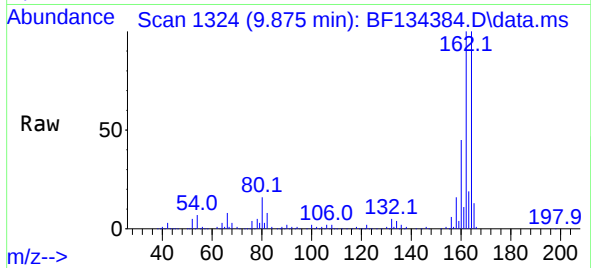
Tgt Ion:142 Resp: 347713
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

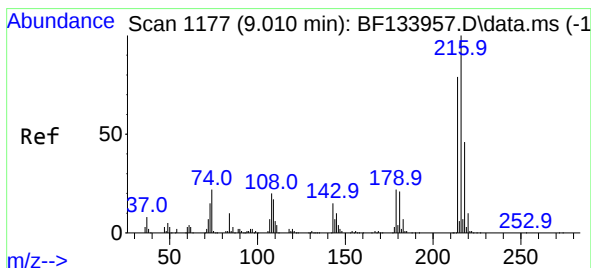
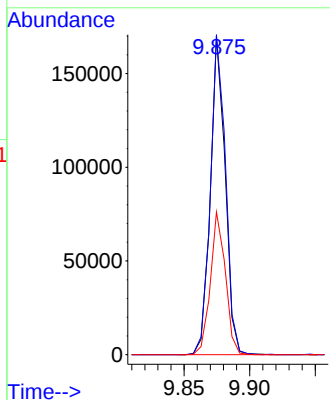
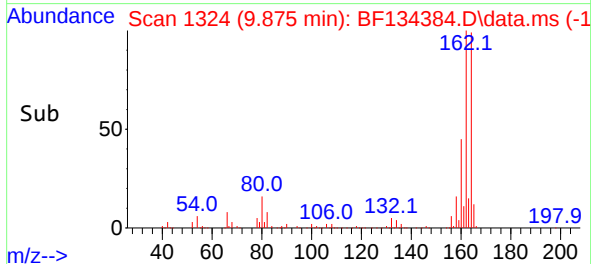
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



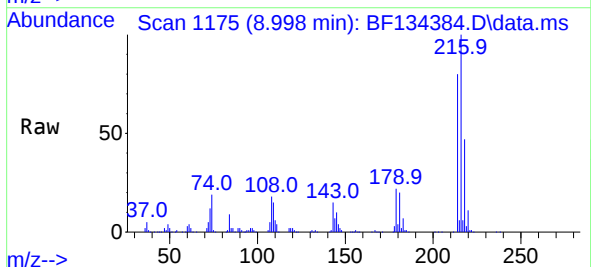
Tgt Ion:164 Resp: 133109
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 44.8 35.9 53.9

Manual Integrations
APPROVED

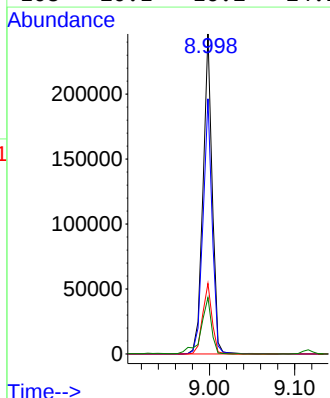
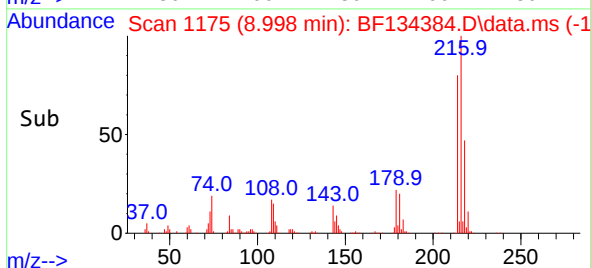
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

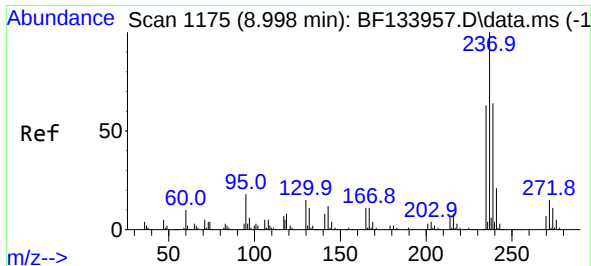


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.602 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



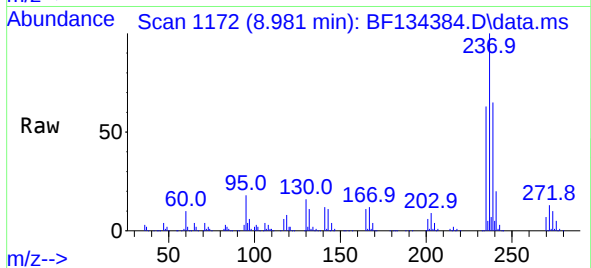
Tgt Ion:216 Resp: 183778
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
179 22.5 17.3 25.9
108 20.1 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 67.536 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

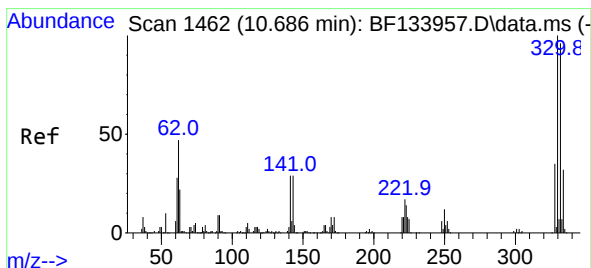
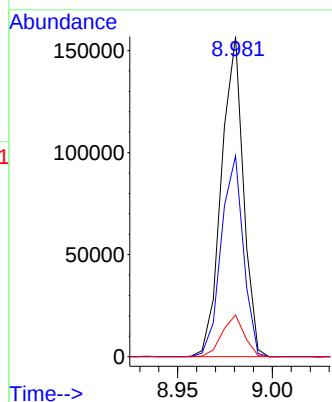
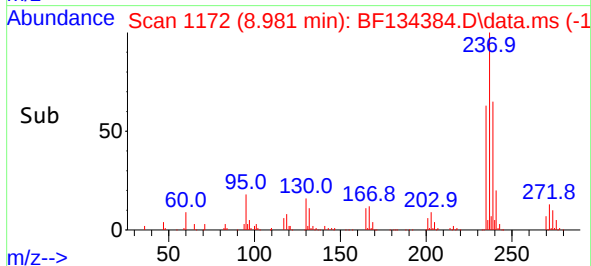
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



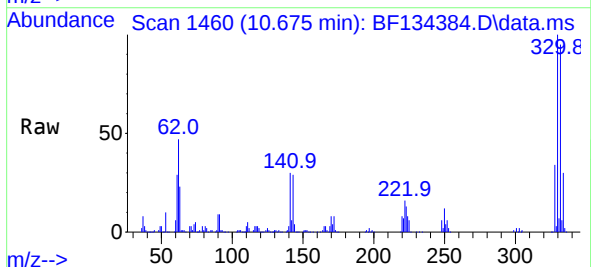
Tgt Ion:237 Resp: 126354
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 13.1 0.0 34.6

Manual Integrations
APPROVED

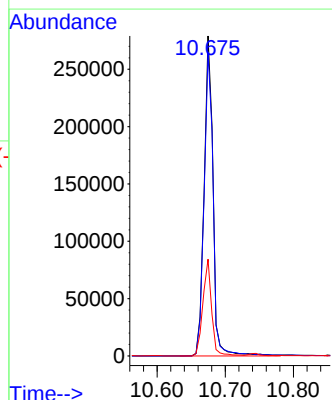
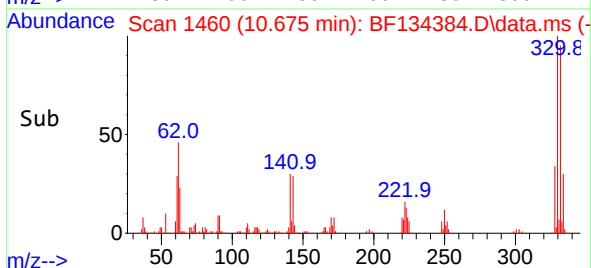
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

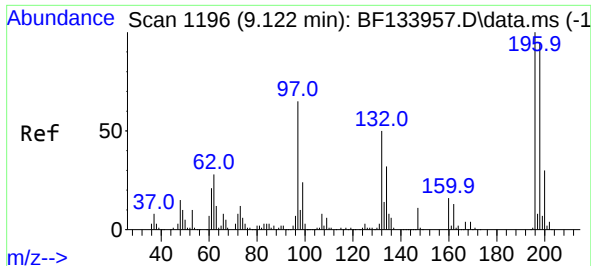


#42
2,4,6-Tribromophenol
Concen: 152.660 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:330 Resp: 254778
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 29.7 26.3 39.5





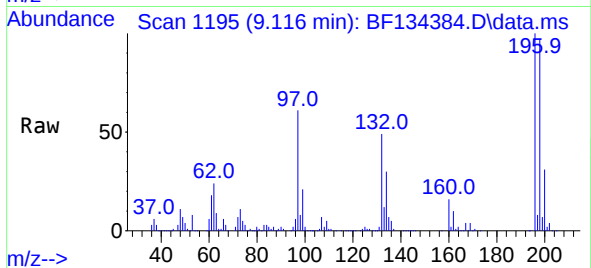
#43
2,4,6-Trichlorophenol
Concen: 45.838 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

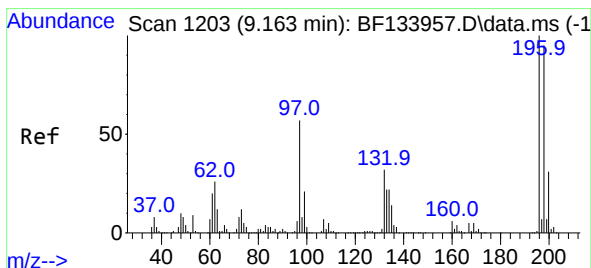
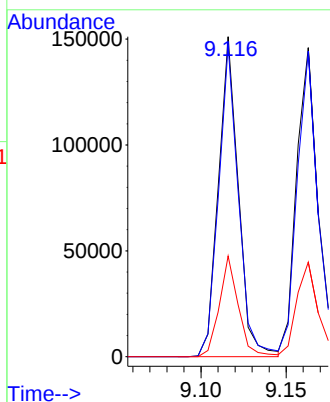
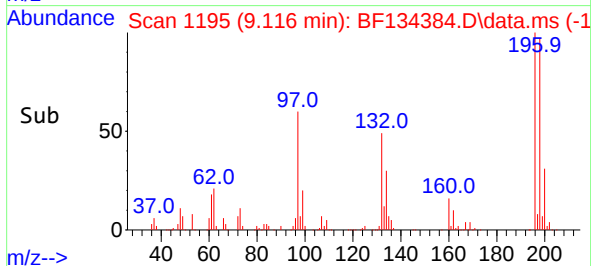


Tgt Ion:196 Resp: 123054
Ion Ratio Lower Upper
196 100
198 97.3 75.6 113.4
200 31.5 24.4 36.6

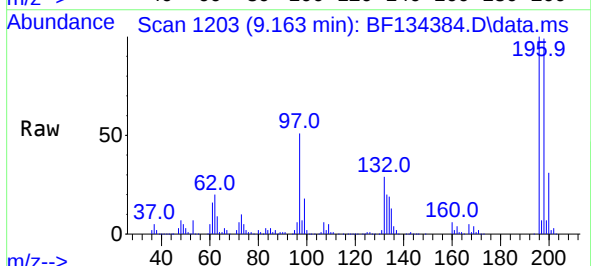
Manual Integrations

APPROVED

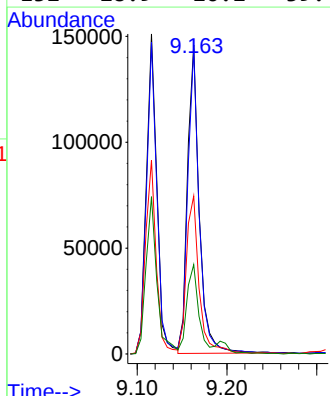
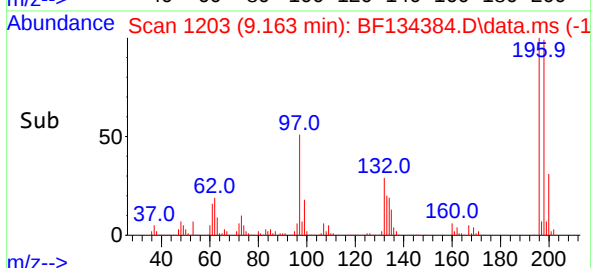
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

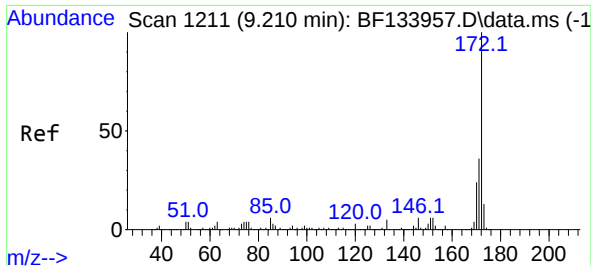


#44
2,4,5-Trichlorophenol
Concen: 42.169 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



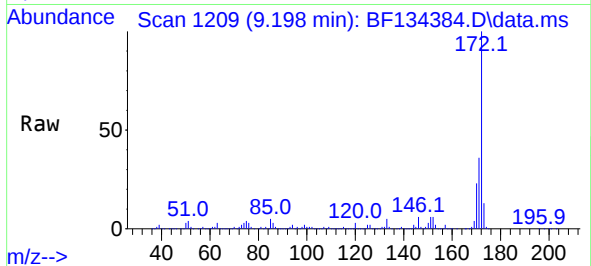
Tgt Ion:196 Resp: 133159
Ion Ratio Lower Upper
196 100
198 98.8 75.7 113.5
97 51.1 45.8 68.6
132 28.9 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 93.535 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

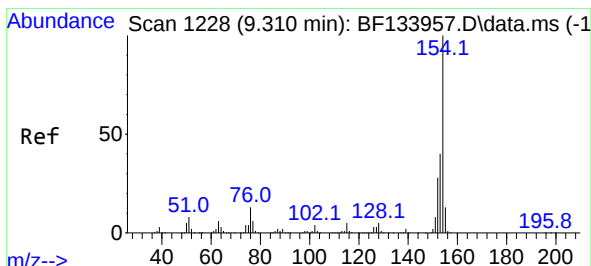
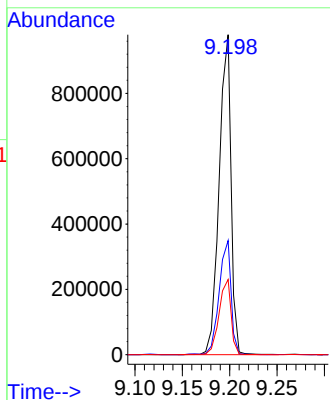
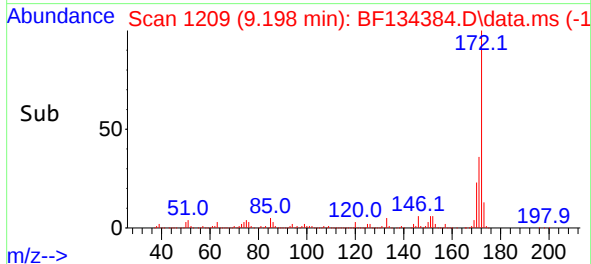
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



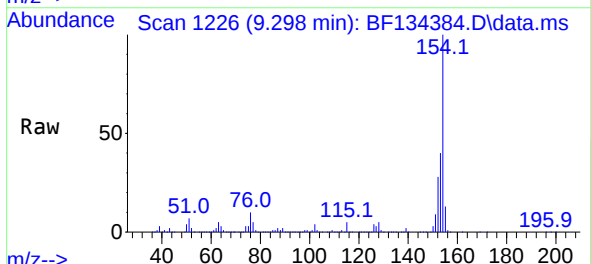
Tgt Ion:172 Resp: 85634
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.4 29.0

Manual Integrations
APPROVED

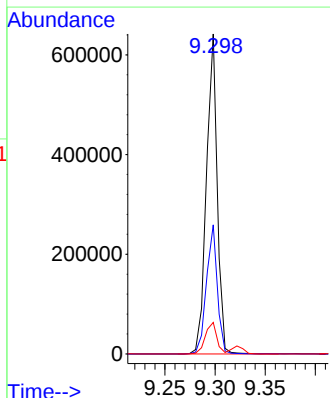
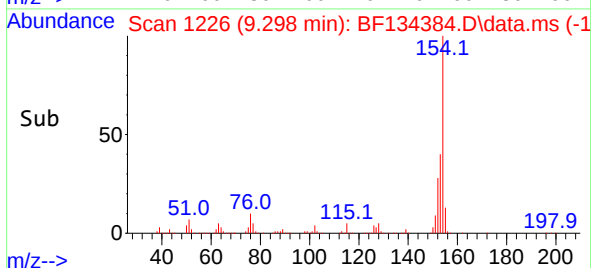
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

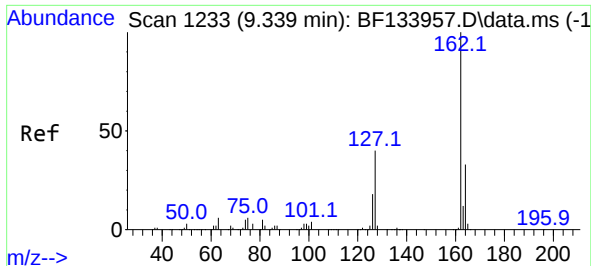


#46
1,1'-Biphenyl
Concen: 45.315 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:154 Resp: 483852
Ion Ratio Lower Upper
154 100
153 40.4 19.8 59.8
76 9.9 0.0 32.9





#47
2-Chloronaphthalene
Concen: 46.034 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

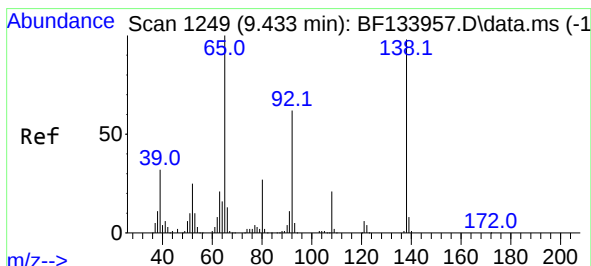
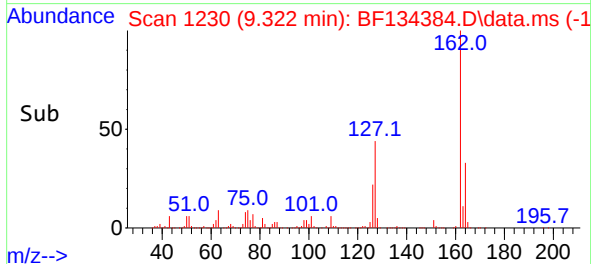
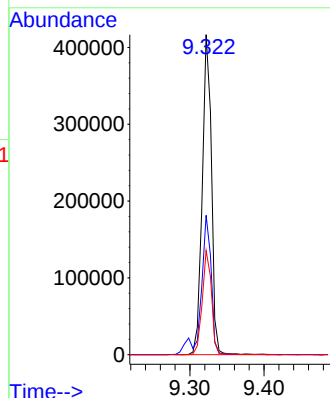
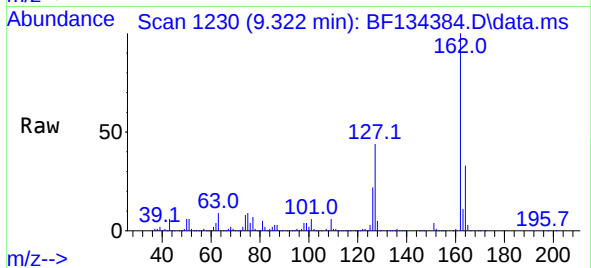
RBR200018MS

Tgt Ion:162 Resp: 359630
Ion Ratio Lower Upper
162 100
127 43.6 32.9 49.3
164 32.6 26.1 39.1

Manual Integrations

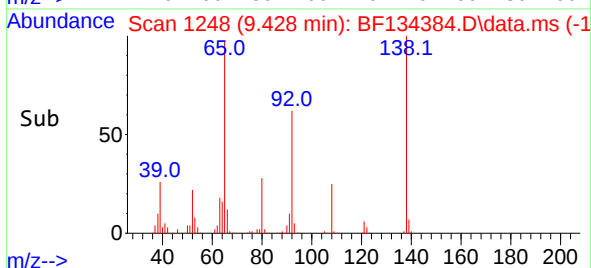
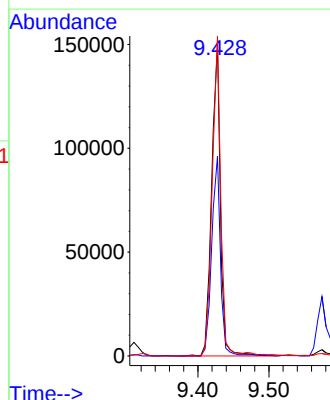
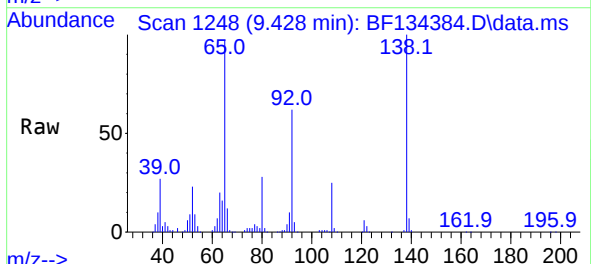
APPROVED

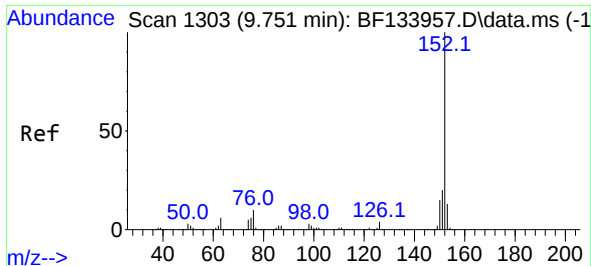
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#48
2-Nitroaniline
Concen: 45.684 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Tgt Ion: 65 Resp: 130072
Ion Ratio Lower Upper
65 100
92 64.1 49.5 74.3
138 102.8 78.0 117.0





#49

Acenaphthylene

Concen: 44.486 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134384.D

Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

Tgt Ion:152 Resp: 59368

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

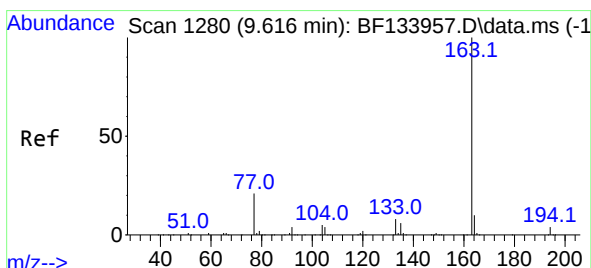
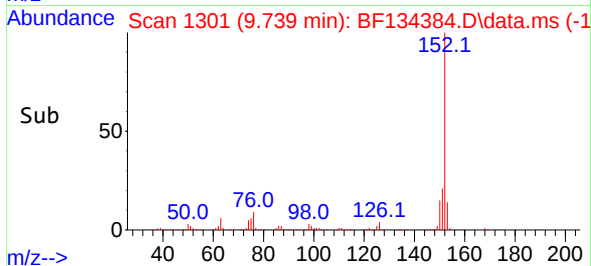
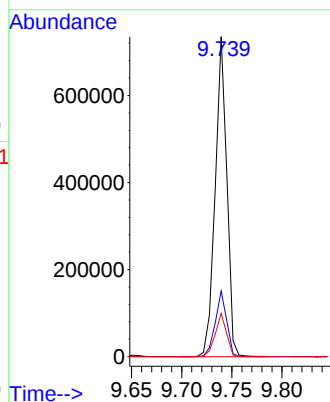
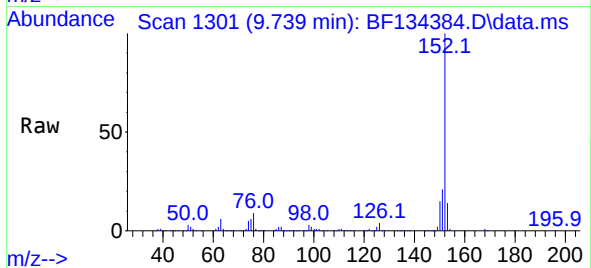
153 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#50

Dimethylphthalate

Concen: 49.243 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF134384.D

Acq: 20 Jul 2023 16:32

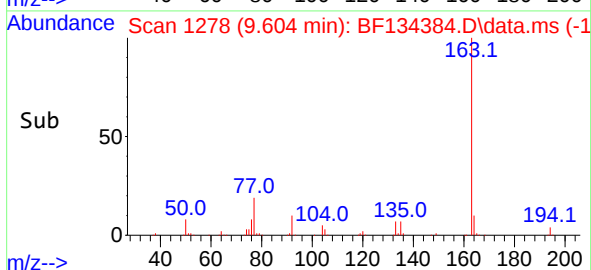
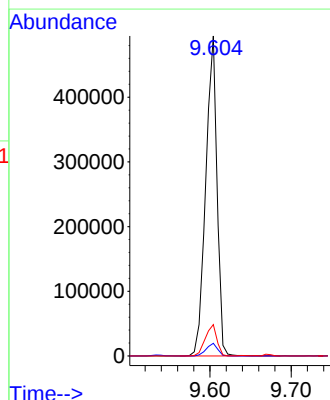
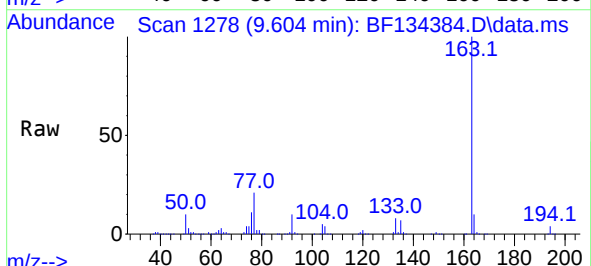
Tgt Ion:163 Resp: 475810

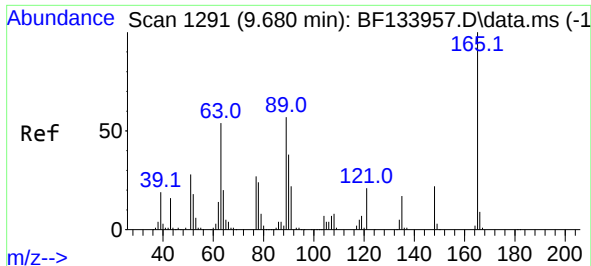
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.458 ng

RT: 9.669 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134384.D

Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

Tgt Ion:165 Resp: 98760

Ion Ratio Lower Upper

165 100

63 70.0 48.5 72.7

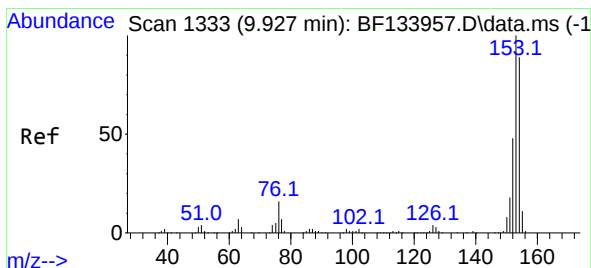
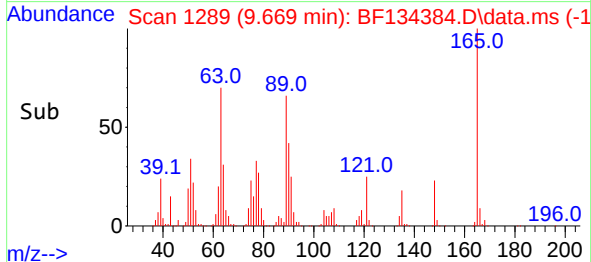
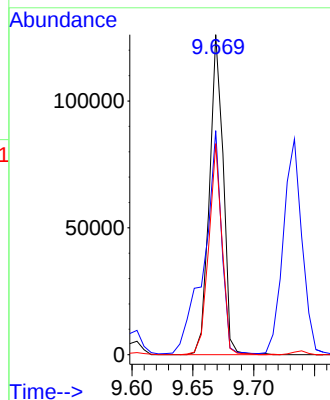
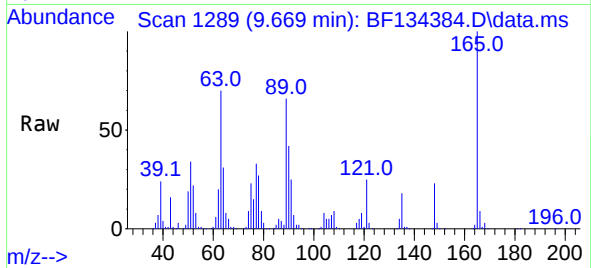
89 66.0 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#52

Acenaphthene

Concen: 45.863 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF134384.D

Acq: 20 Jul 2023 16:32

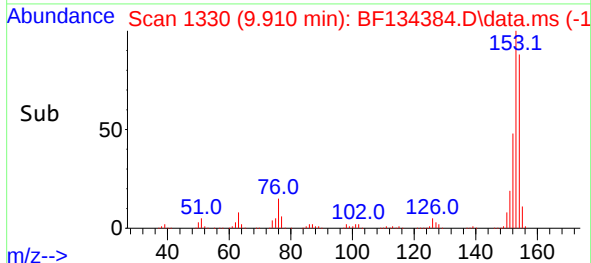
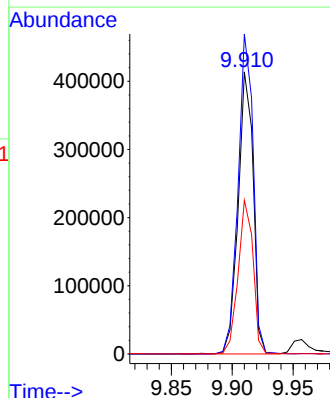
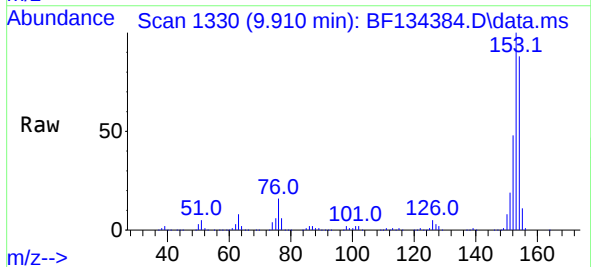
Tgt Ion:154 Resp: 355151

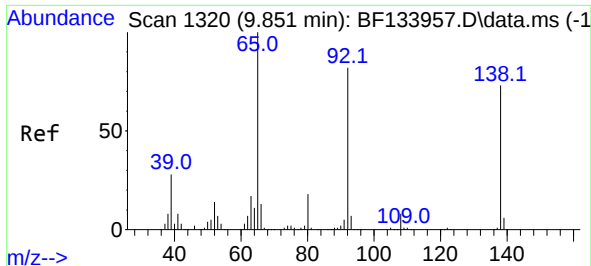
Ion Ratio Lower Upper

154 100

153 113.4 89.4 134.2

152 54.5 42.8 64.2





#53
3-Nitroaniline
Concen: 21.102 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

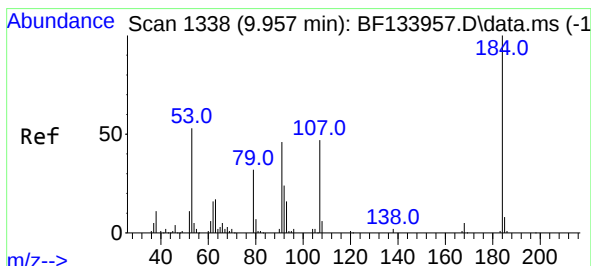
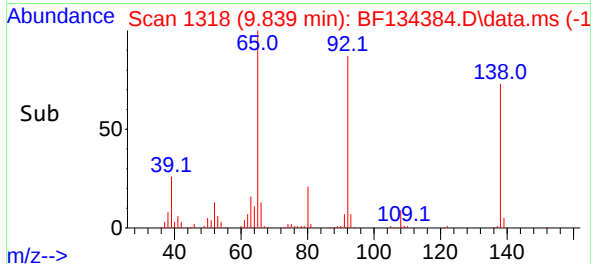
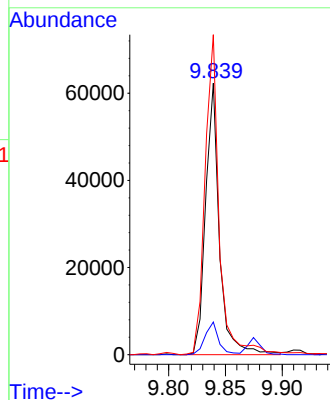
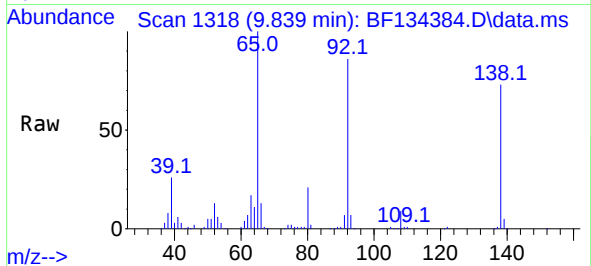
RBR200018MS

Tgt Ion:138 Resp: 5268
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 117.8 90.1 135.1

Manual Integrations

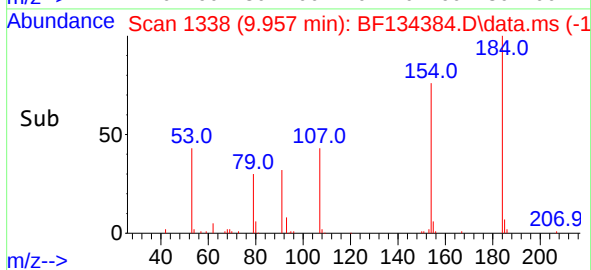
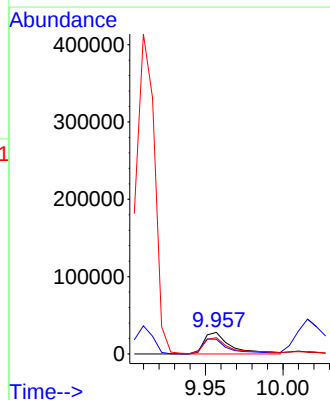
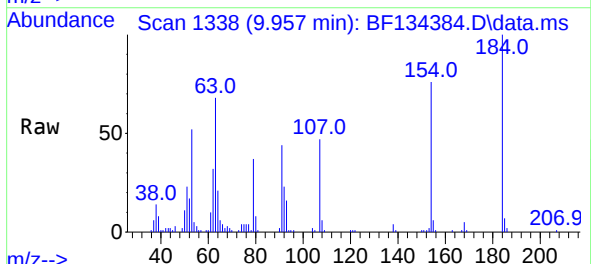
APPROVED

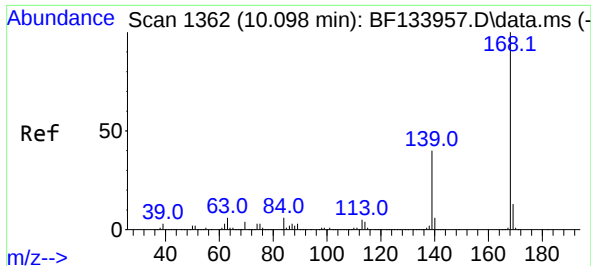
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#54
2,4-Dinitrophenol
Concen: 30.058 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

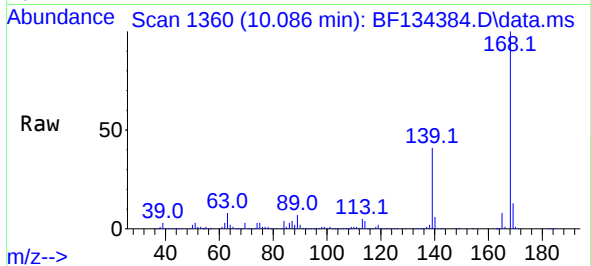
Tgt Ion:184 Resp: 33080
Ion Ratio Lower Upper
184 100
63 68.2 56.9 85.3
154 75.5 55.4 83.0





#55
Dibenzenofuran
Concen: 45.756 ng
RT: 10.086 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

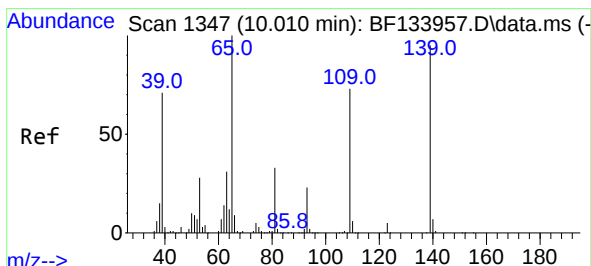
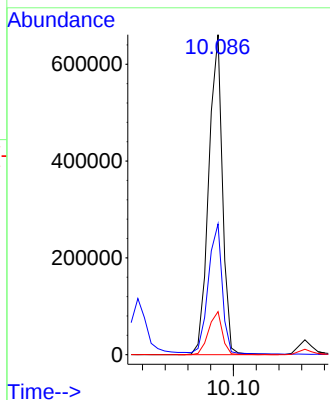
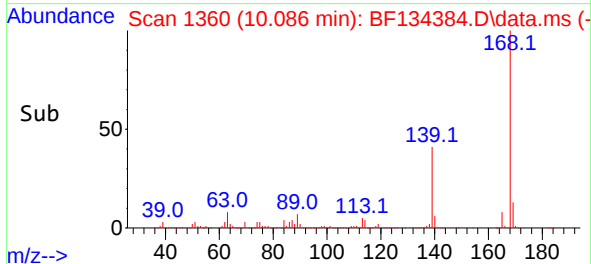
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



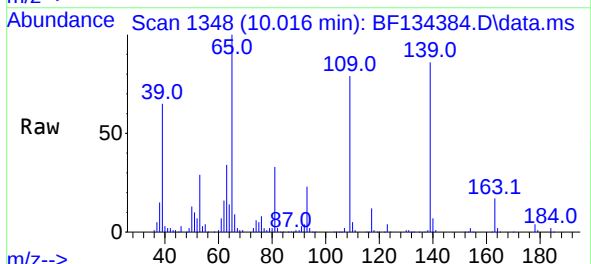
Tgt Ion:168 Resp: 553749
Ion Ratio Lower Upper
168 100
139 40.8 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

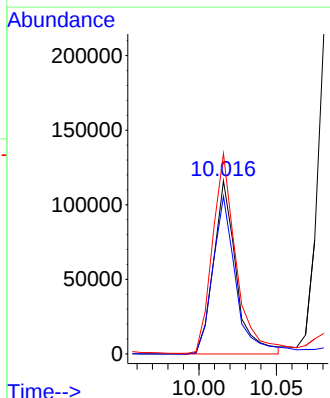
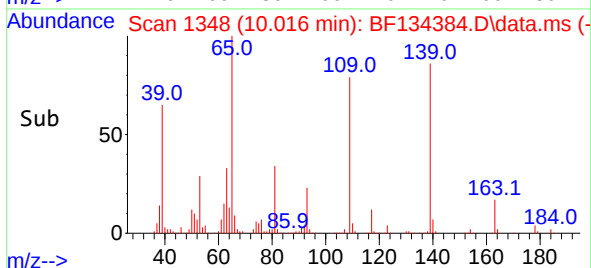
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

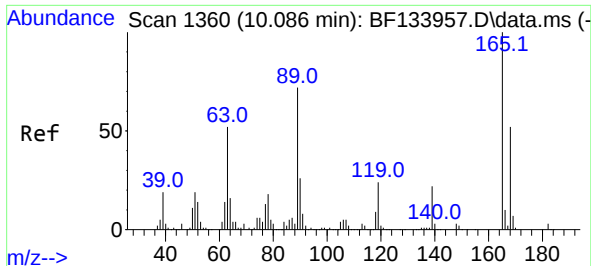


#56
4-Nitrophenol
Concen: 67.260 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:139 Resp: 117462
Ion Ratio Lower Upper
139 100
109 91.1 56.8 96.8
65 115.9 86.1 126.1





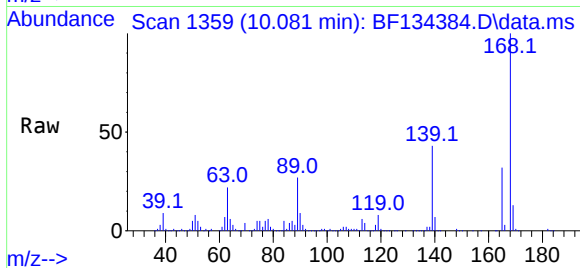
#57
2,4-Dinitrotoluene
Concen: 48.141 ng
RT: 10.081 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

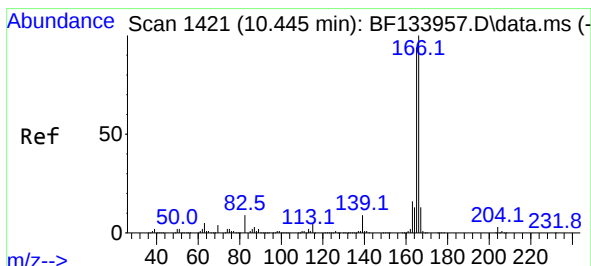
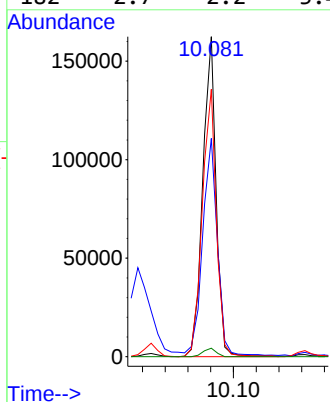
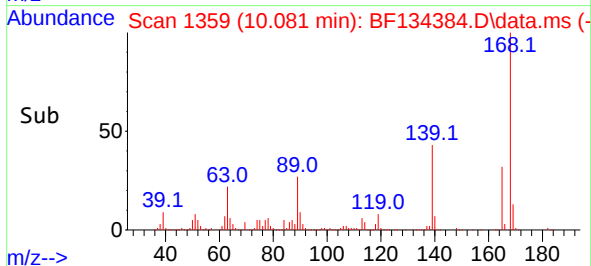


Tgt Ion:165 Resp: 132310
Ion Ratio Lower Upper
165 100
63 68.2 42.2 63.2
89 83.6 57.4 86.2
182 2.7 2.2 3.4

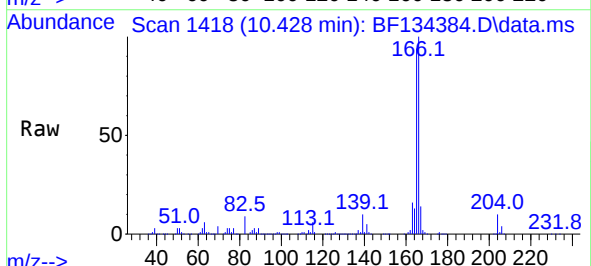
Manual Integrations

APPROVED

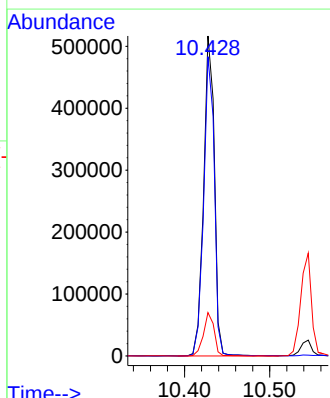
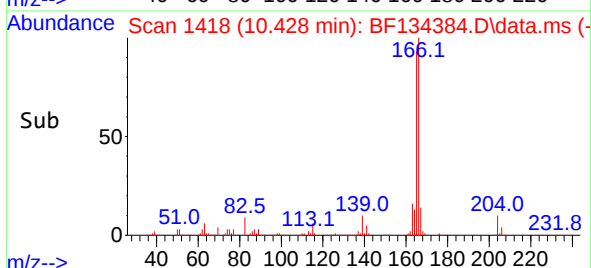
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

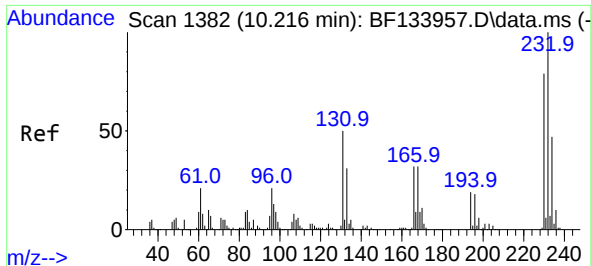


#58
Fluorene
Concen: 48.114 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



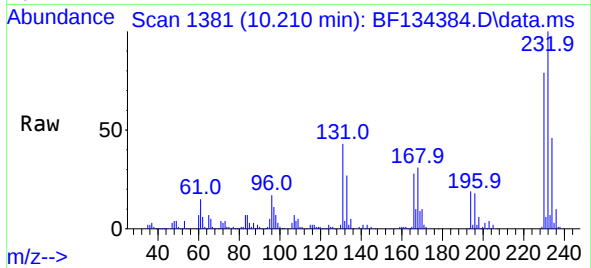
Tgt Ion:166 Resp: 453011
Ion Ratio Lower Upper
166 100
165 93.5 75.0 112.4
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.505 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

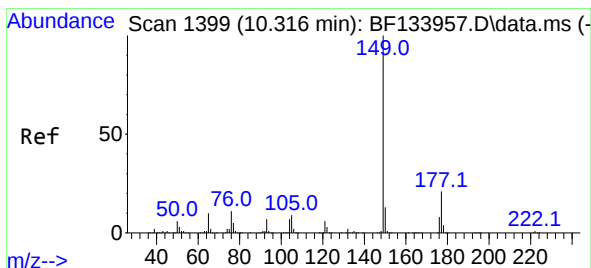
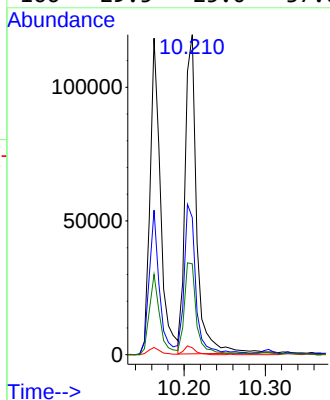
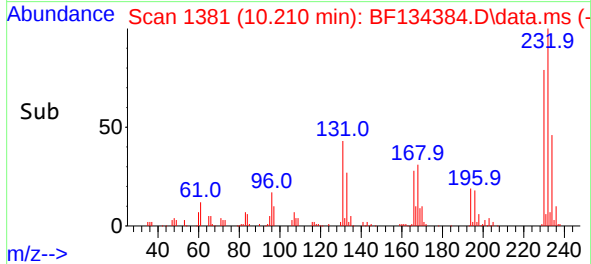
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



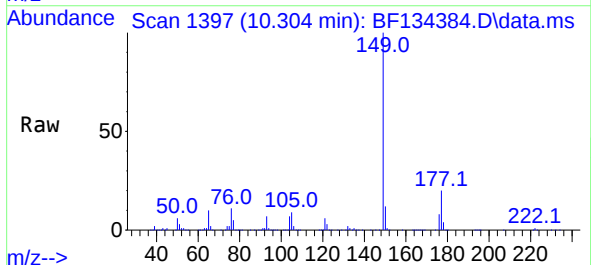
Tgt Ion:232 Resp: 118329
Ion Ratio Lower Upper
232 100
131 47.4 39.3 58.9
130 2.6 1.8 2.6
166 29.5 25.0 37.6

Manual Integrations
APPROVED

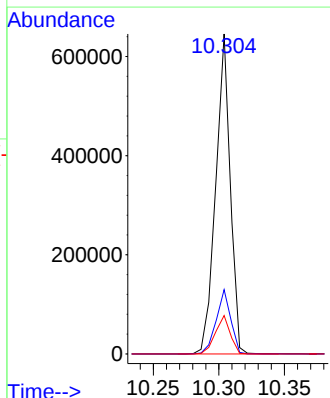
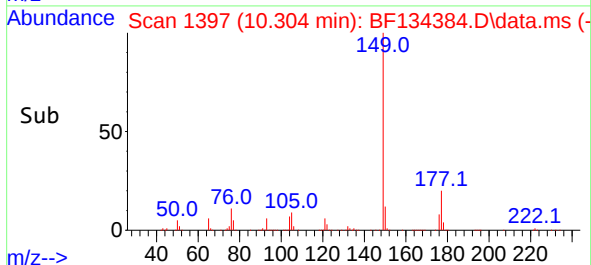
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

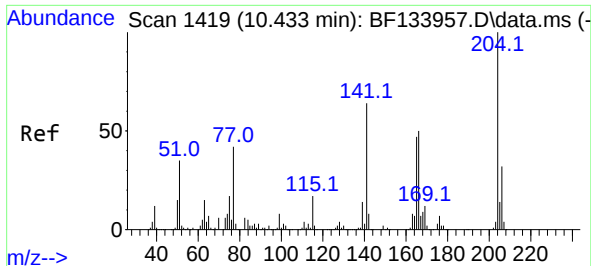


#60
Diethylphthalate
Concen: 49.336 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:149 Resp: 496649
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 12.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.450 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

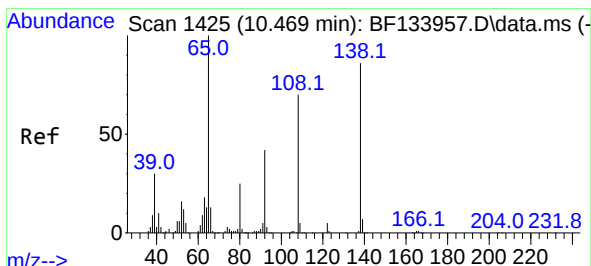
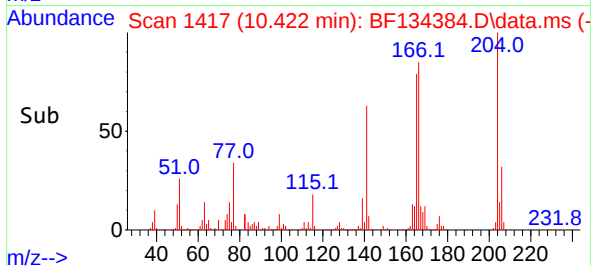
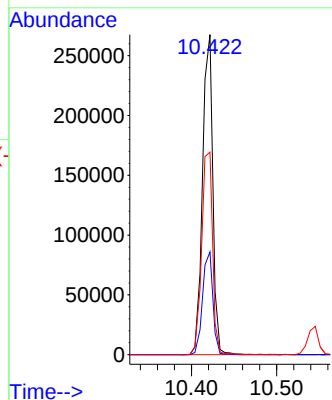
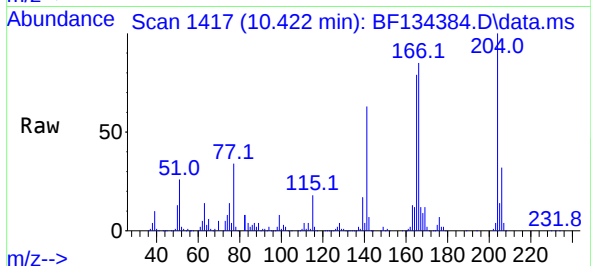
RBR200018MS

Tgt Ion:204 Resp: 224379
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 63.3 51.5 77.3

Manual Integrations

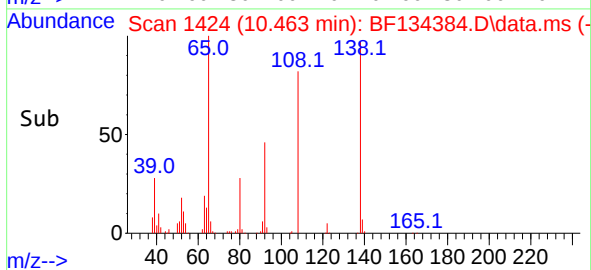
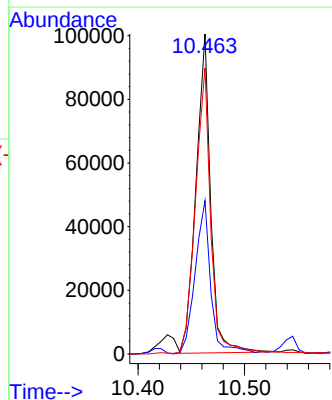
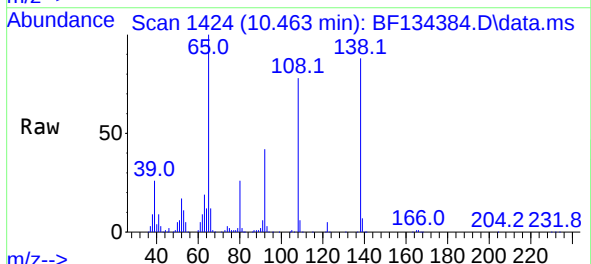
APPROVED

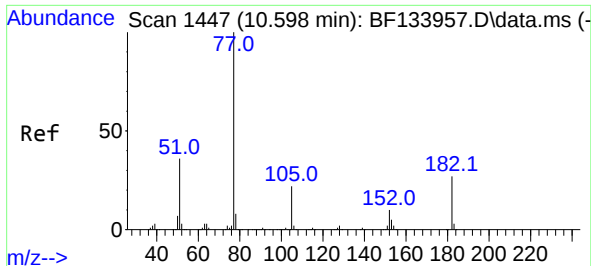
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#62
4-Nitroaniline
Concen: 38.146 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

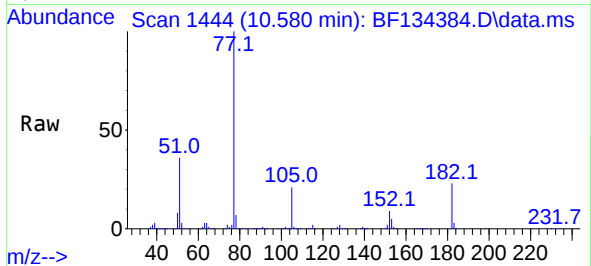
Tgt Ion:138 Resp: 95980
Ion Ratio Lower Upper
138 100
92 47.9 29.7 69.7
108 89.4 62.1 102.1





#63
Azobenzene
Concen: 45.467 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

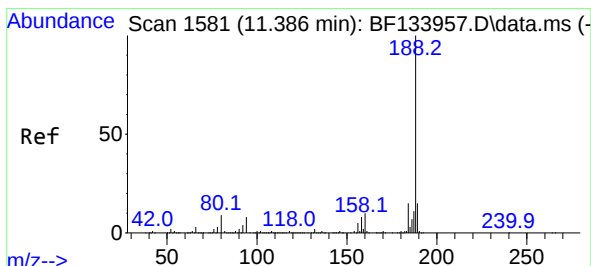
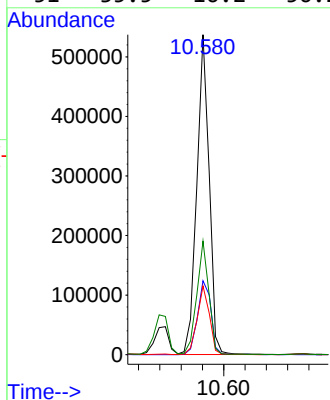
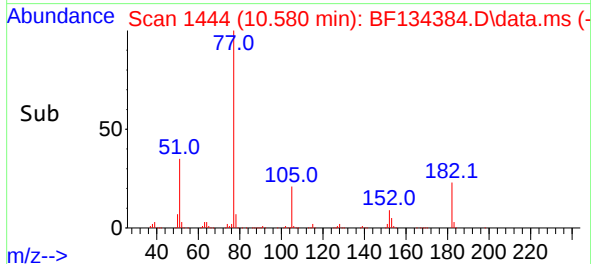
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



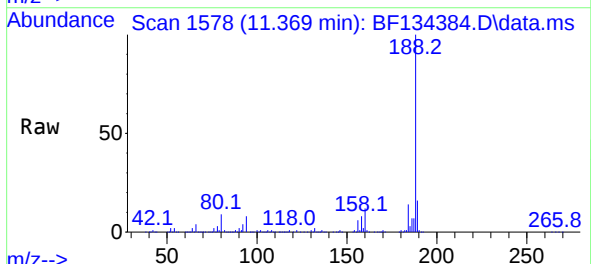
Tgt Ion: 77 Resp: 43294
Ion Ratio Lower Upper
77 100
182 23.1 6.8 46.8
105 21.5 2.3 42.3
51 35.5 16.2 56.2

Manual Integrations
APPROVED

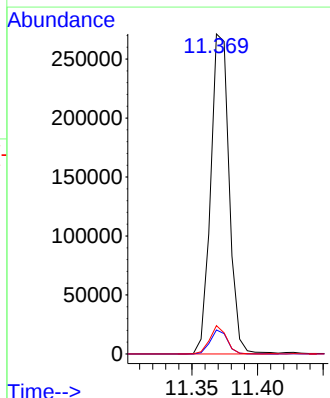
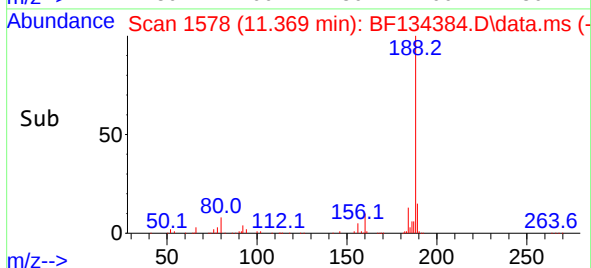
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

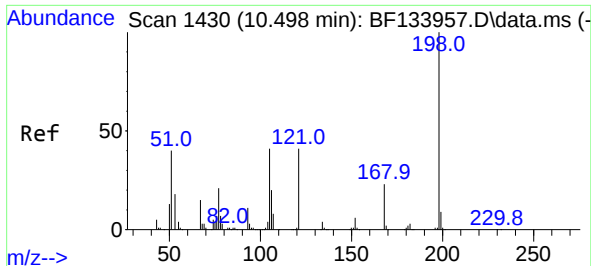


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:188 Resp: 266138
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.8 7.3 10.9





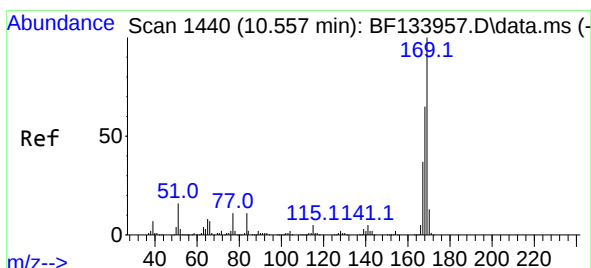
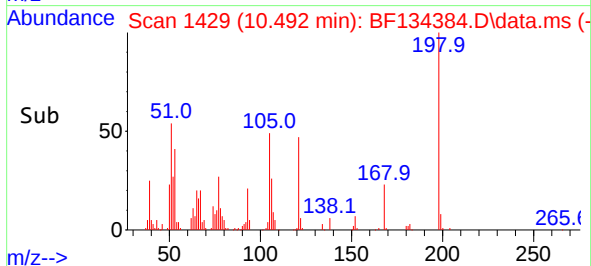
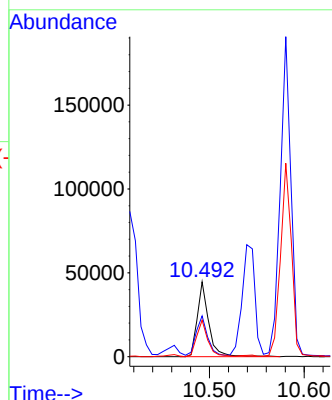
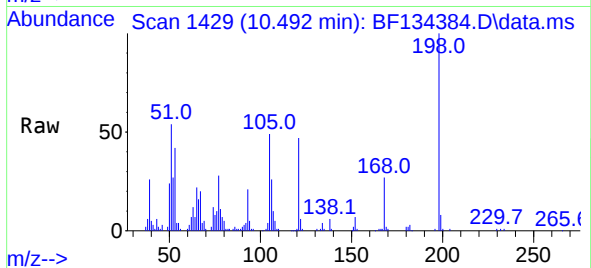
#65
4,6-Dinitro-2-methylphenol
Concen: 25.861 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :
BNA_F
ClientSampleId :
RBR200018MS

Tgt Ion:198 Resp: 37524
Ion Ratio Lower Upper
198 100
51 54.4 29.3 69.3
105 48.6 22.4 62.4

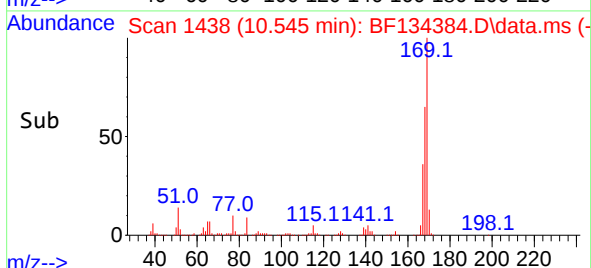
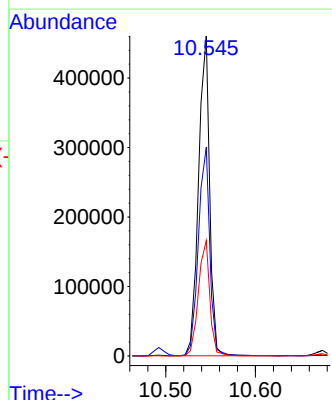
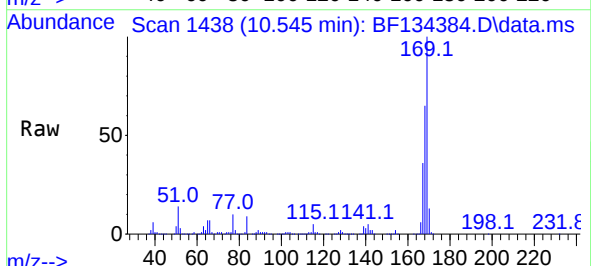
Manual Integrations
APPROVED

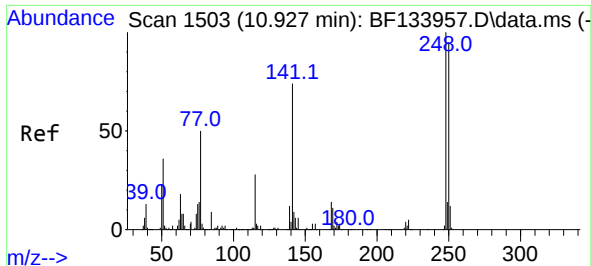
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#66
n-Nitrosodiphenylamine
Concen: 46.538 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Tgt Ion:169 Resp: 395721
Ion Ratio Lower Upper
169 100
168 65.2 52.3 78.5
167 36.0 29.4 44.0





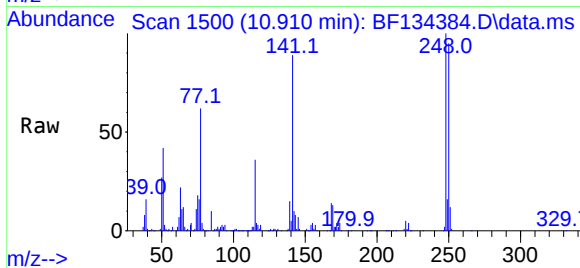
#67
4-Bromophenyl-phenylether
Concen: 50.278 ng
RT: 10.910 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

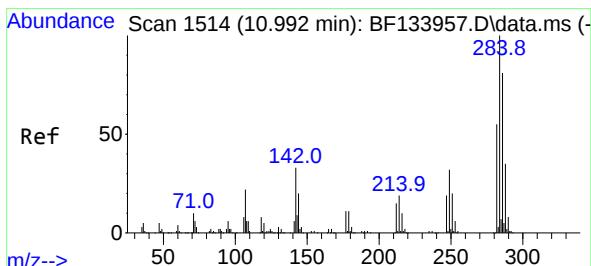
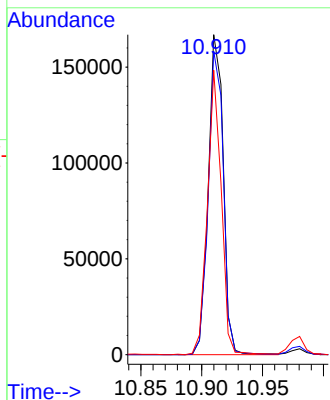
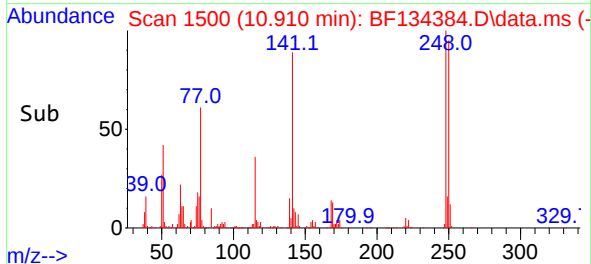


Tgt Ion:248 Resp: 142222
Ion Ratio Lower Upper
248 100
250 94.8 76.2 114.4
141 88.9 59.0 88.4

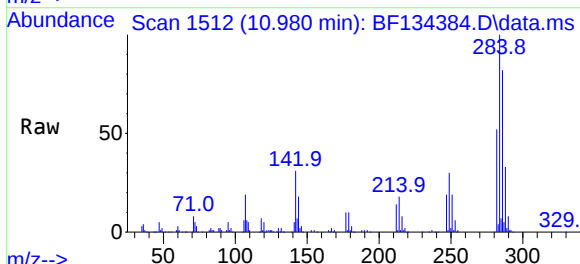
Manual Integrations

APPROVED

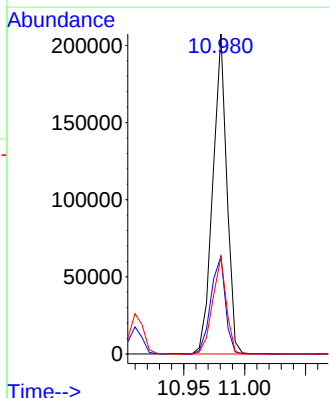
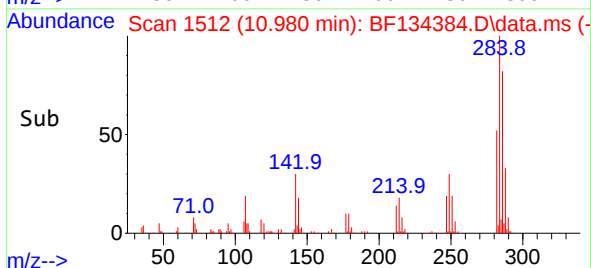
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

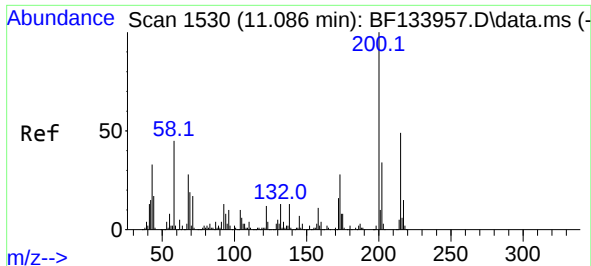


#68
Hexachlorobenzene
Concen: 54.930 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



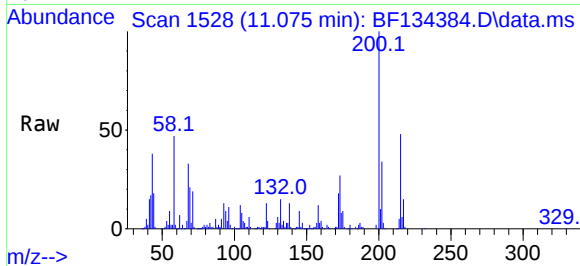
Tgt Ion:284 Resp: 164980
Ion Ratio Lower Upper
284 100
142 30.5 26.6 40.0
249 30.4 25.5 38.3





#69
Atrazine
Concen: 59.058 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

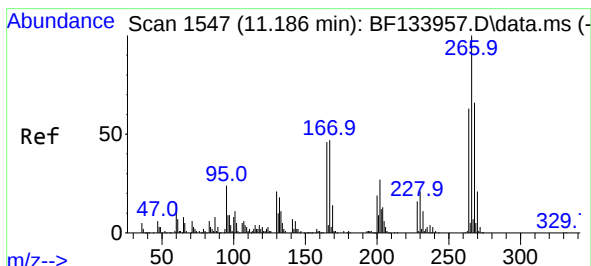
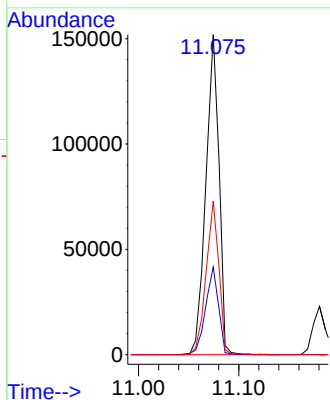
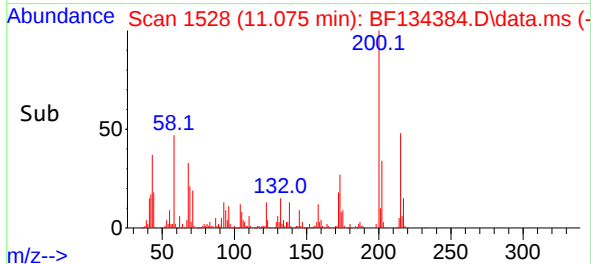
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



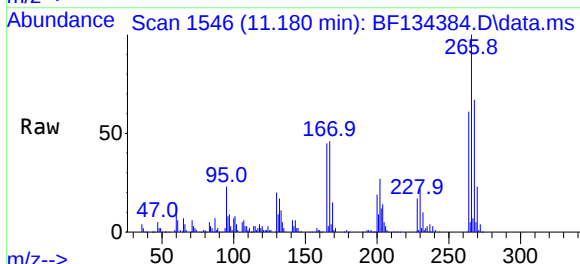
Tgt Ion:200 Resp: 138908
Ion Ratio Lower Upper
200 100
173 27.4 8.0 48.0
215 48.0 29.3 69.3

Manual Integrations
APPROVED

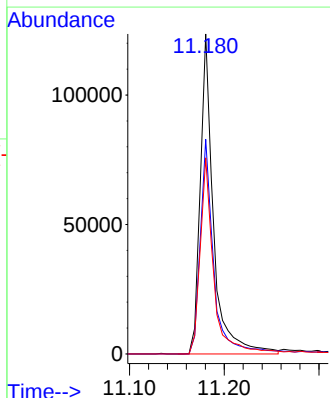
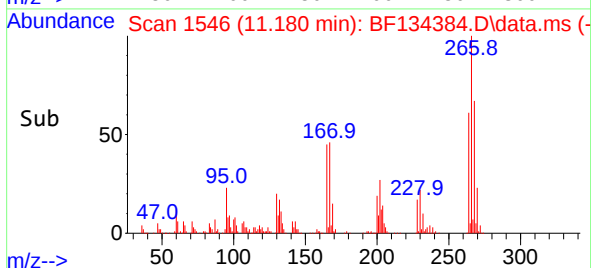
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

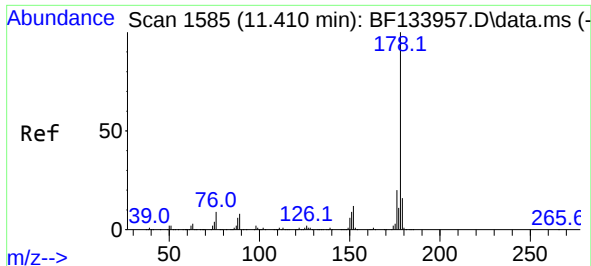


#70
Pentachlorophenol
Concen: 66.752 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



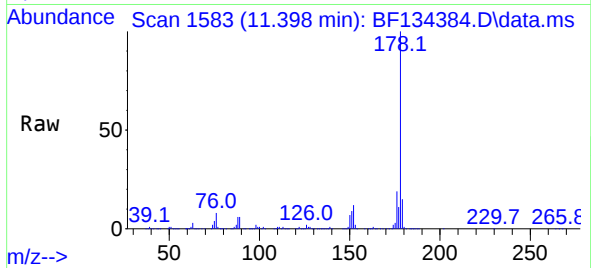
Tgt Ion:266 Resp: 119874
Ion Ratio Lower Upper
266 100
268 67.1 52.6 79.0
264 61.3 50.6 76.0





#71
Phenanthrene
Concen: 47.491 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

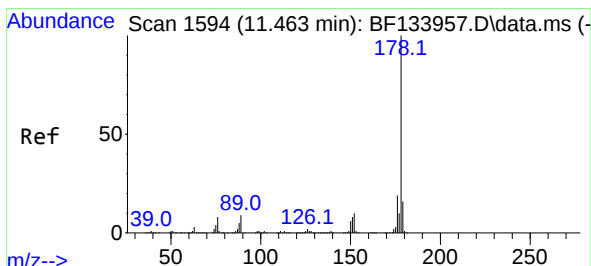
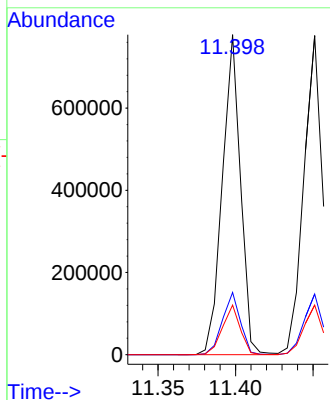
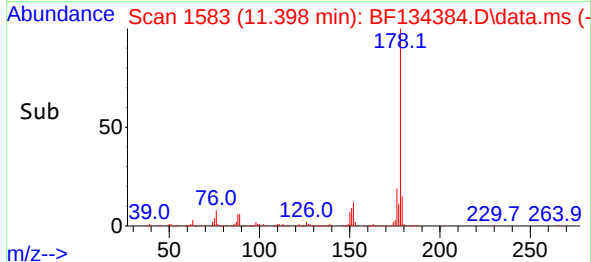
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



Tgt Ion:178 Resp: 636274
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.5 12.4 18.6

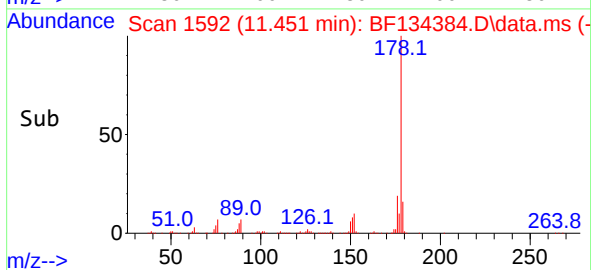
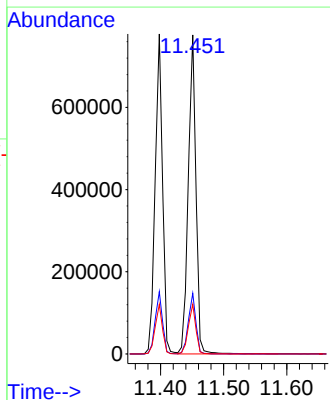
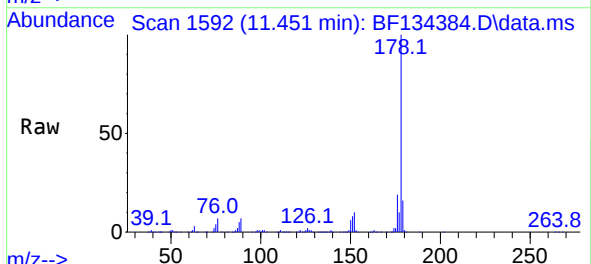
Manual Integrations
APPROVED

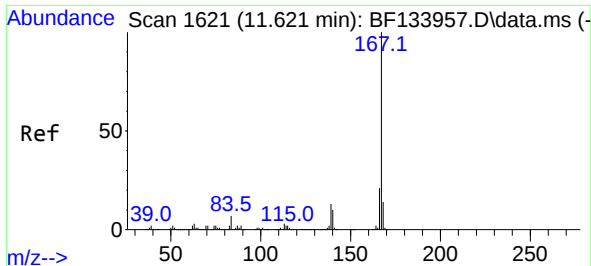
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#72
Anthracene
Concen: 47.300 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

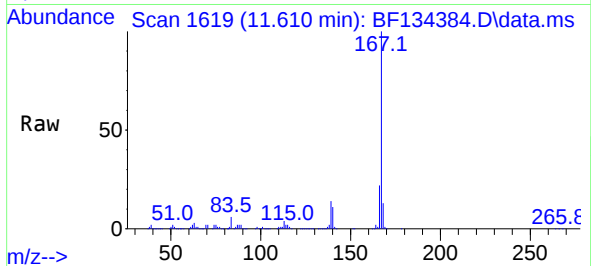
Tgt Ion:178 Resp: 659133
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.4 18.6





#73
Carbazole
Concen: 47.557 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

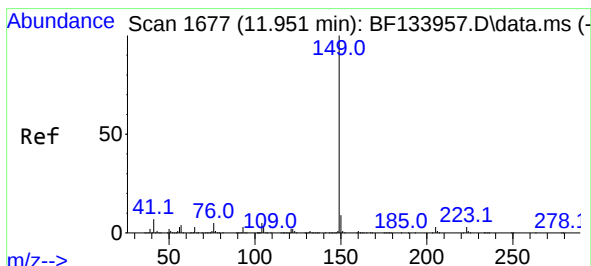
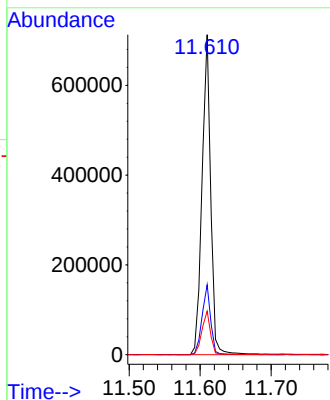
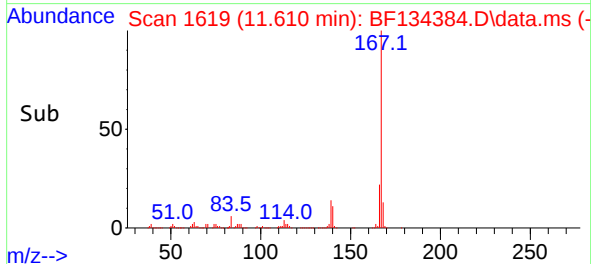
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



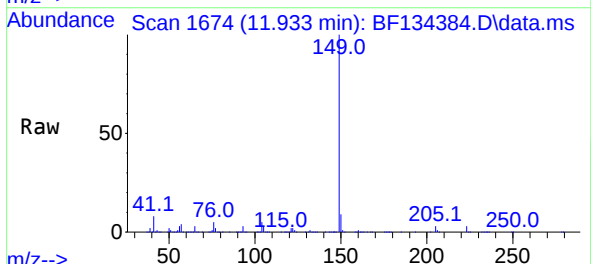
Tgt Ion:167 Resp: 606580
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.6 10.4 15.6

Manual Integrations
APPROVED

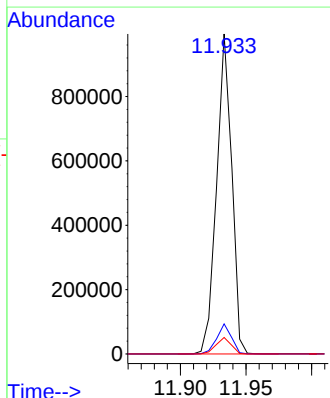
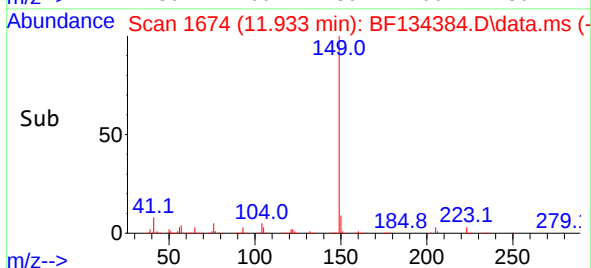
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

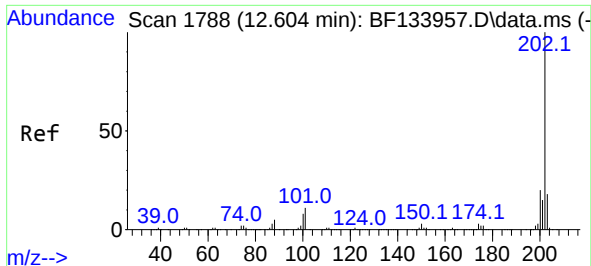


#74
Di-n-butylphthalate
Concen: 52.489 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



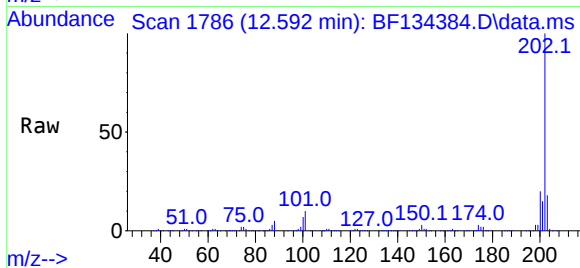
Tgt Ion:149 Resp: 796166
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 46.630 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

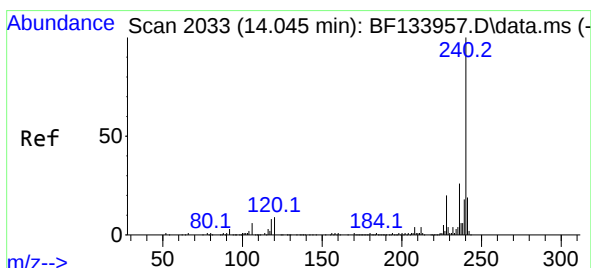
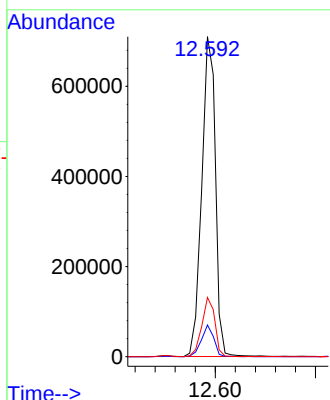
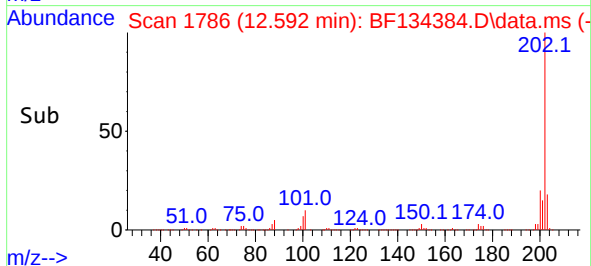
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



Tgt Ion:202 Resp: 67539
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.0
203 18.5 0.0 37.6

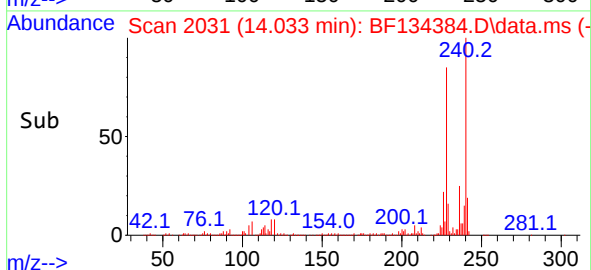
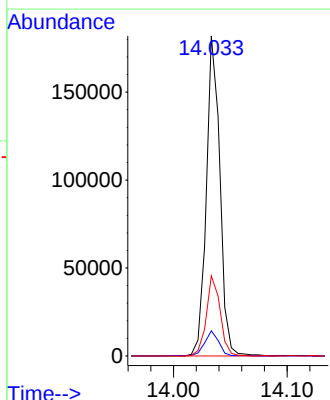
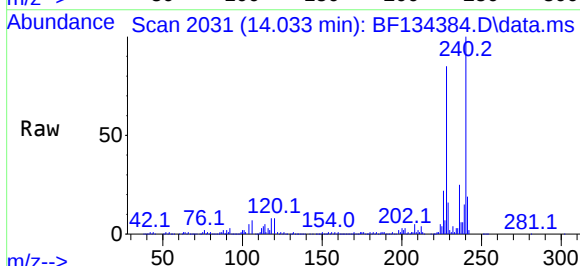
Manual Integrations
APPROVED

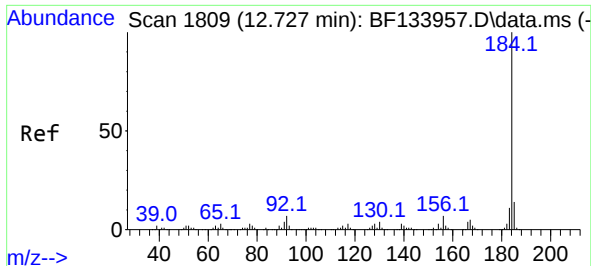
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

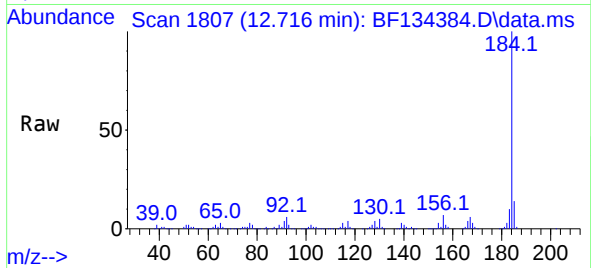
Tgt Ion:240 Resp: 150959
Ion Ratio Lower Upper
240 100
120 7.9 7.4 11.0
236 25.0 21.0 31.6





#77
Benzidine
Concen: 45.831 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

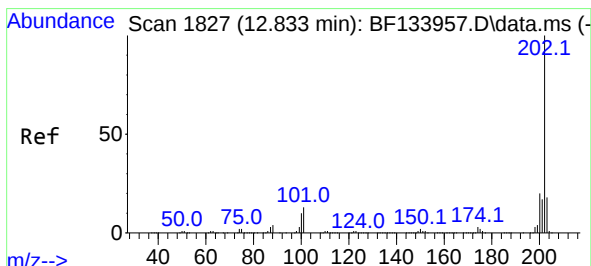
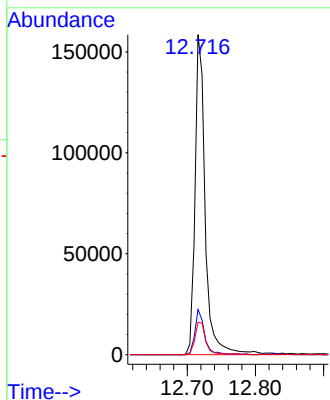
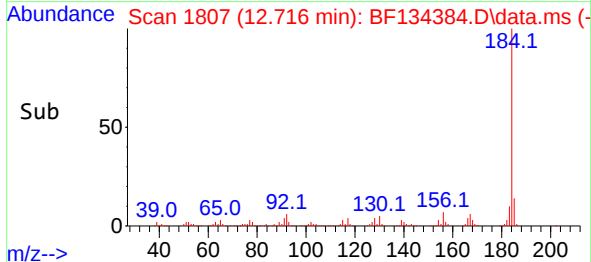
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



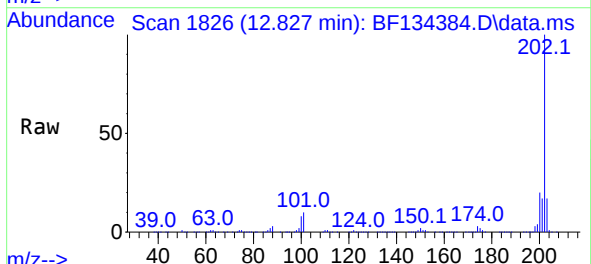
Tgt Ion:184 Resp: 16462
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.2 8.8 13.2

Manual Integrations
APPROVED

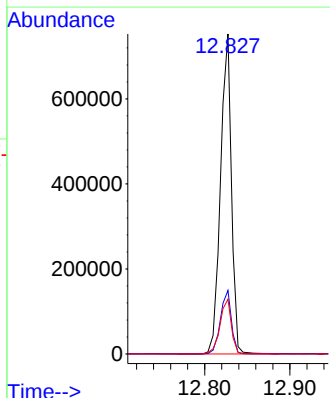
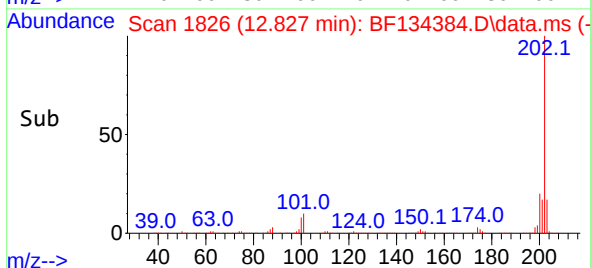
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

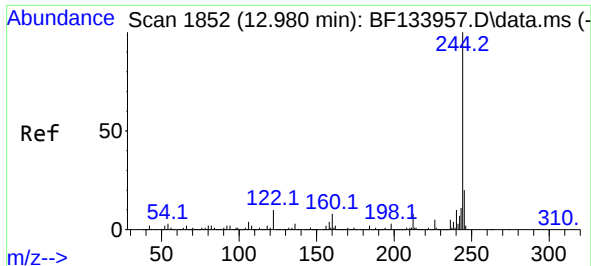


#78
Pyrene
Concen: 47.734 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:202 Resp: 670603
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.1 14.3 21.5





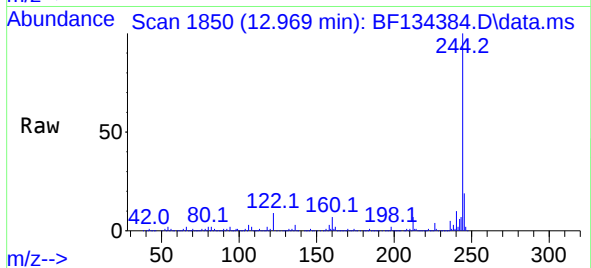
#79
 Terphenyl-d14
 Concen: 112.990 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134384.D
 Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

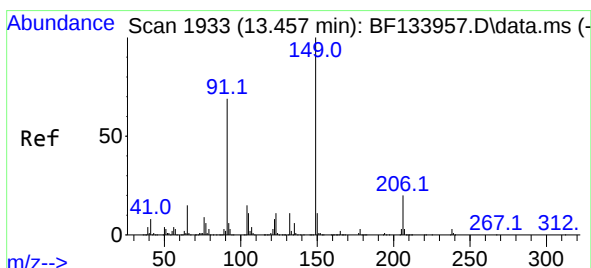
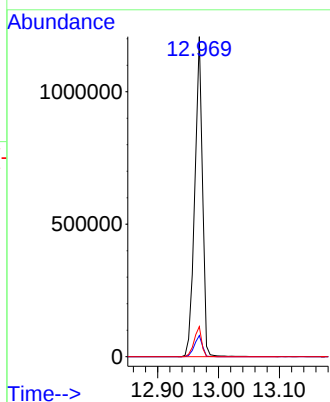
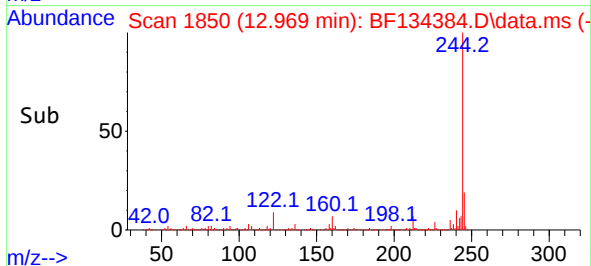


Tgt Ion:244 Resp: 1059810
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 9.4 8.3 12.5

Manual Integrations

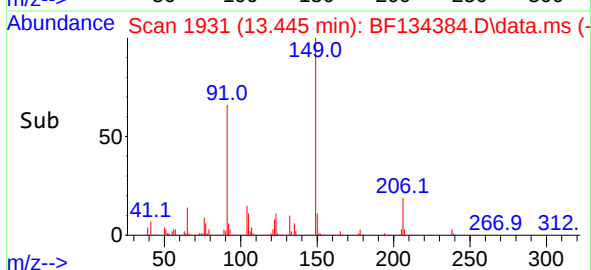
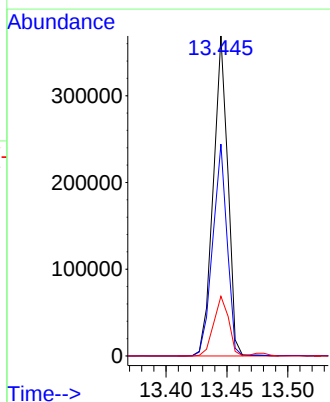
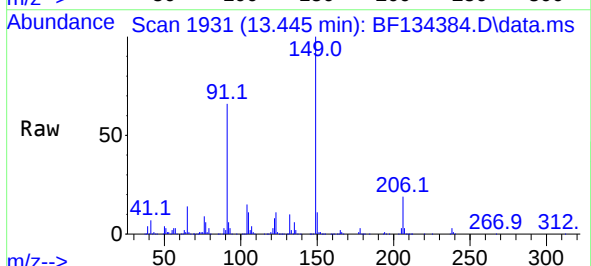
APPROVED

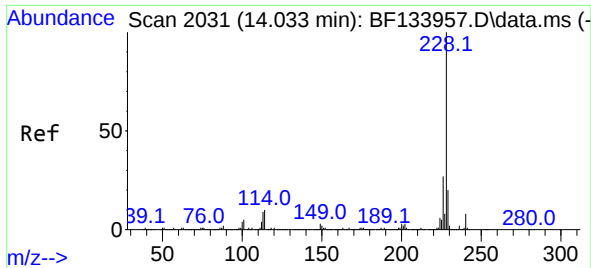
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



#80
 Butylbenzylphthalate
 Concen: 58.067 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134384.D
 Acq: 20 Jul 2023 16:32

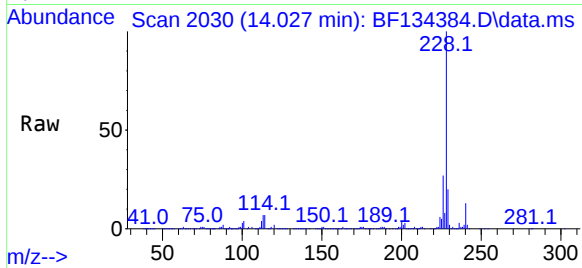
Tgt Ion:149 Resp: 305955
 Ion Ratio Lower Upper
 149 100
 91 66.2 55.1 82.7
 206 18.7 15.7 23.5





#81
Benzo(a)anthracene
Concen: 47.329 ng
RT: 14.027 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

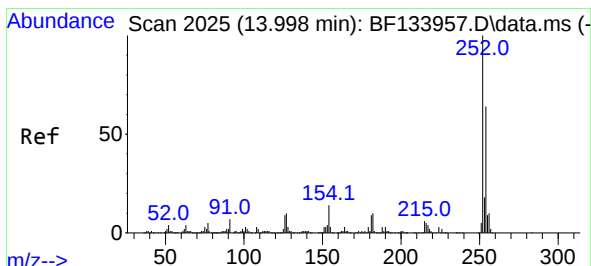
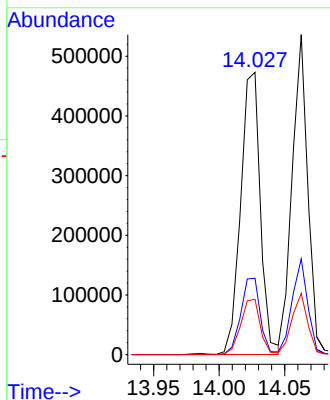
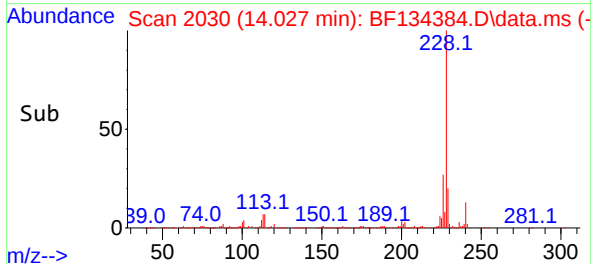
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



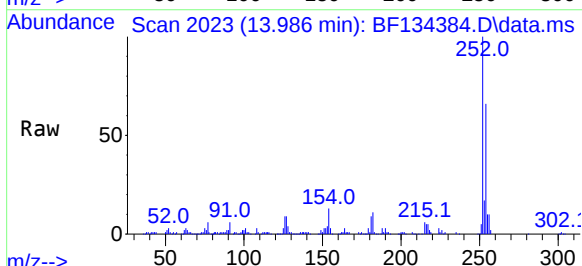
Tgt Ion:228 Resp: 495490
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.6 16.3 24.5

Manual Integrations
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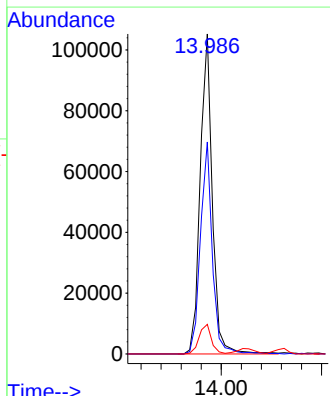
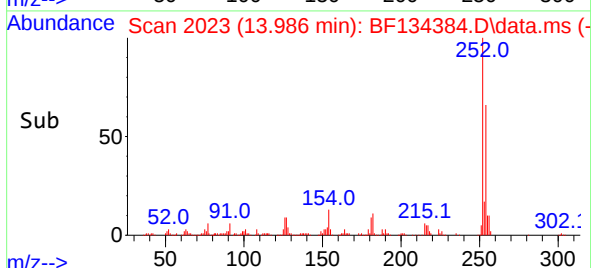
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

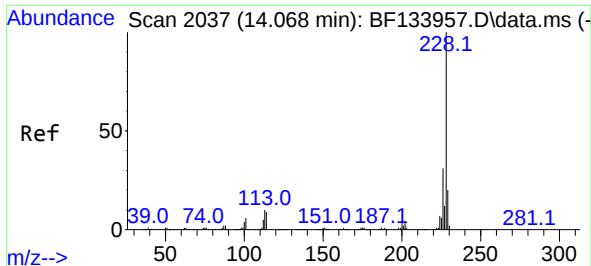


#82
3,3'-Dichlorobenzidine
Concen: 26.753 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



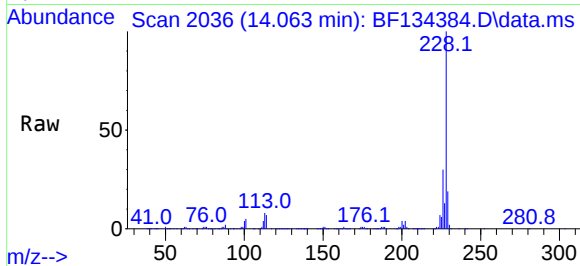
Tgt Ion:252 Resp: 88738
Ion Ratio Lower Upper
252 100
254 66.2 51.4 77.0
126 9.3 7.4 11.2





#83
Chrysene
Concen: 44.376 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

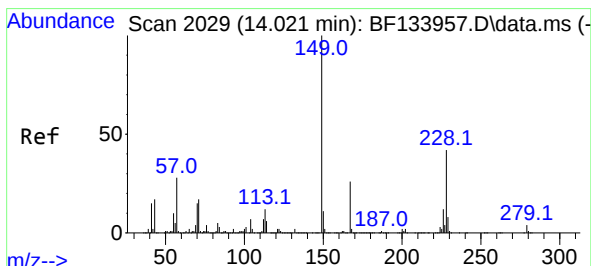
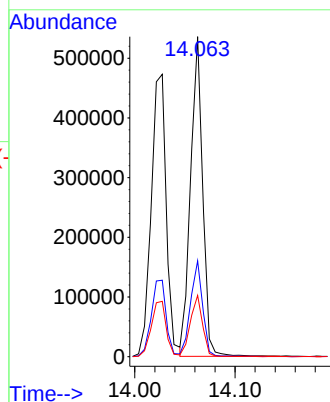
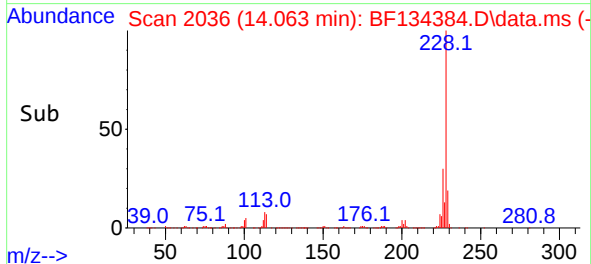
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



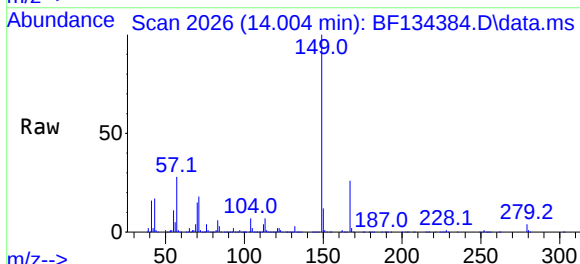
Tgt Ion:228 Resp: 449983
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.2 16.1 24.1

Manual Integrations
APPROVED

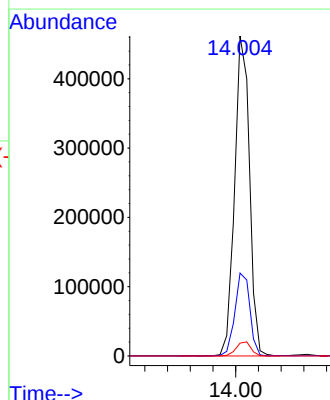
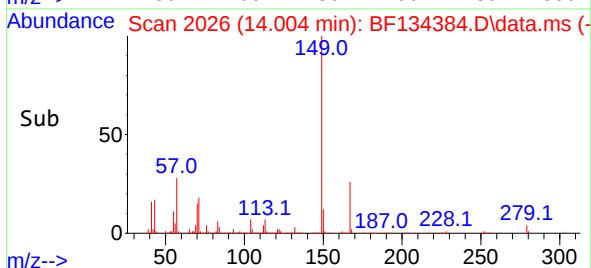
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

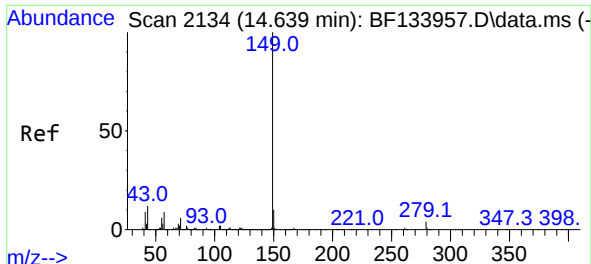


#84
Bis(2-ethylhexyl)phthalate
Concen: 69.298 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



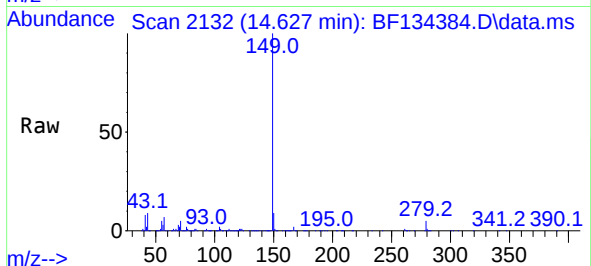
Tgt Ion:149 Resp: 419552
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 68.049 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

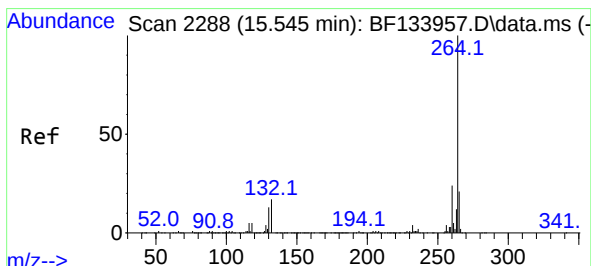
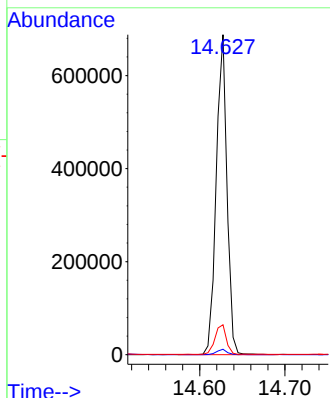
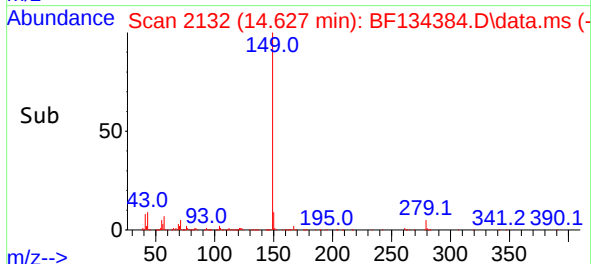
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



Tgt Ion:149 Resp: 605369
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.8 9.0 13.4

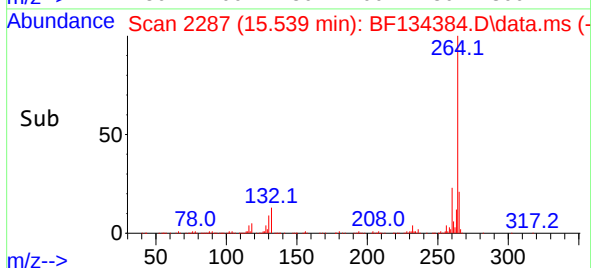
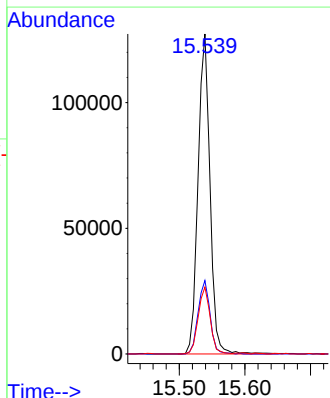
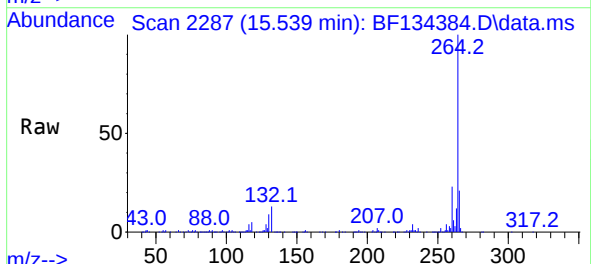
Manual Integrations
APPROVED

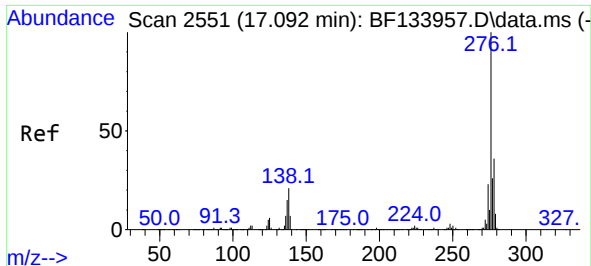
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Tgt Ion:264 Resp: 161624
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 20.9 16.6 25.0





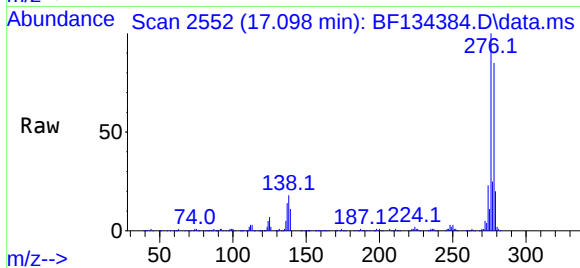
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.751 ng
RT: 17.098 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

Instrument :

BNA_F

ClientSampleId :

RBR200018MS

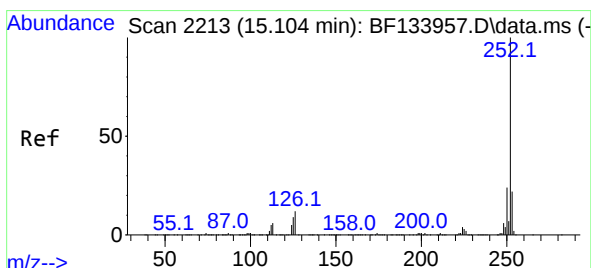
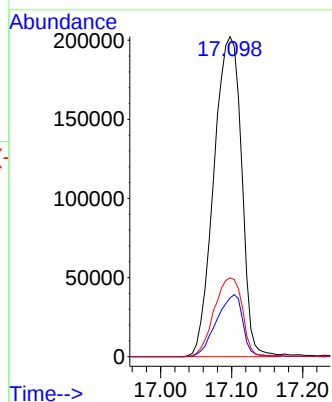
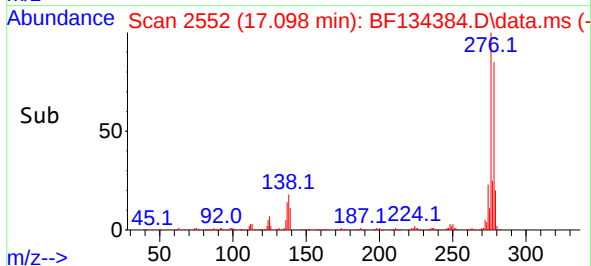


Tgt Ion: 276 Resp: 54674
Ion Ratio Lower Upper
276 100
138 18.5 18.7 28.1
277 25.2 19.9 29.9

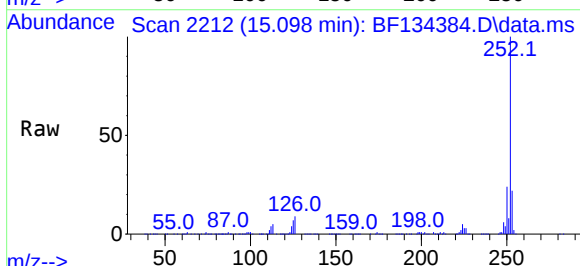
Manual Integrations

APPROVED

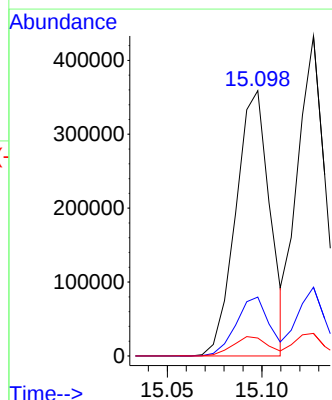
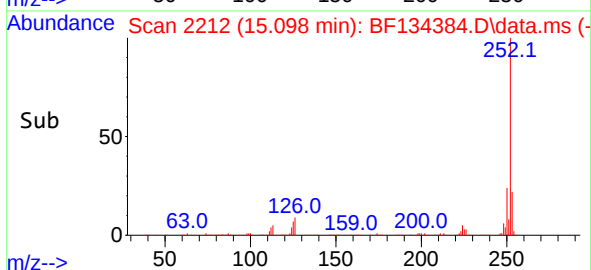
Reviewed By : Yogesh Patel 07/21/2023
Supervised By : mohammad ahmed 07/21/2023

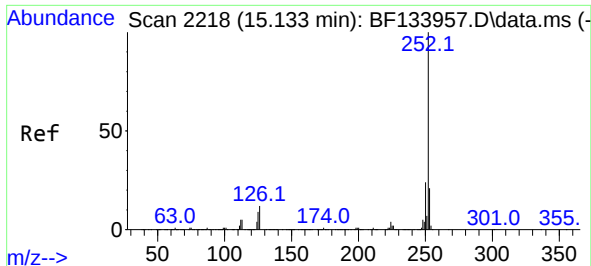


#88
Benzo(b)fluoranthene
Concen: 47.417 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



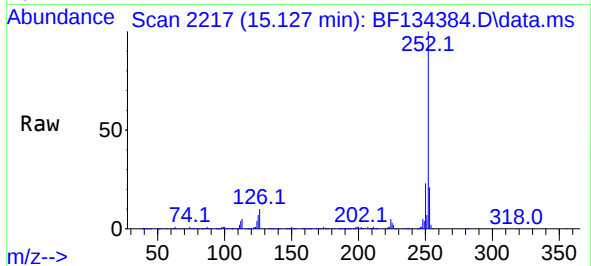
Tgt Ion: 252 Resp: 450631
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 6.8 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 45.399 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

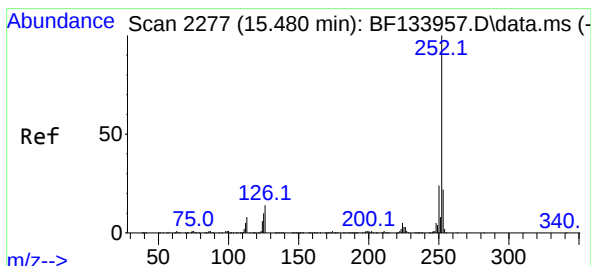
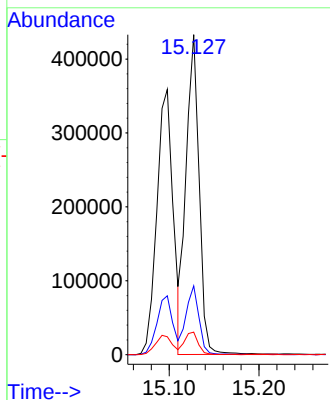
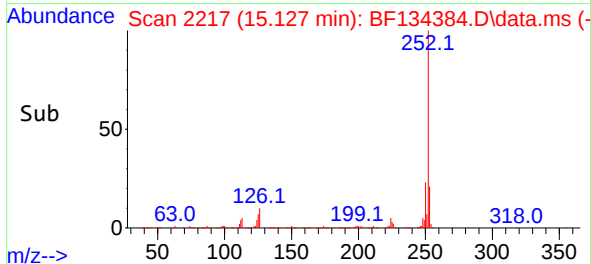
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



Tgt Ion:252 Resp: 439290
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 7.0 7.4 11.2

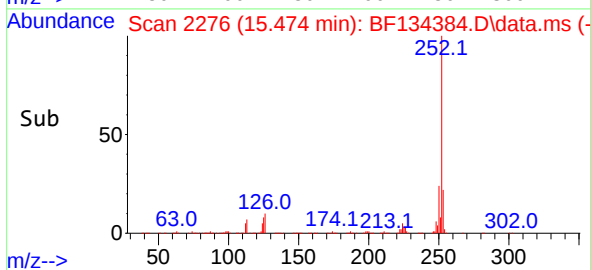
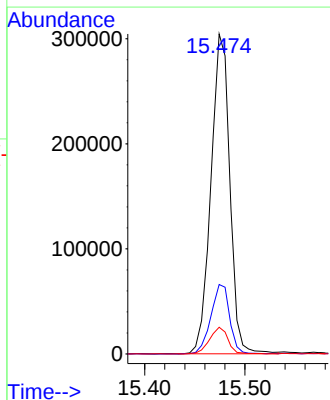
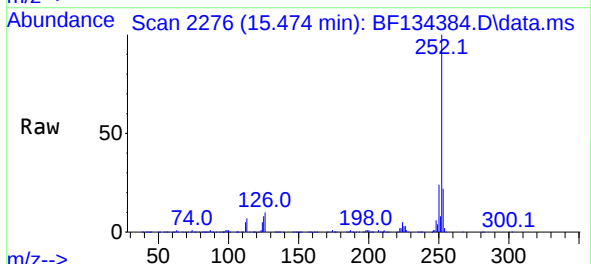
Manual Integrations
APPROVED

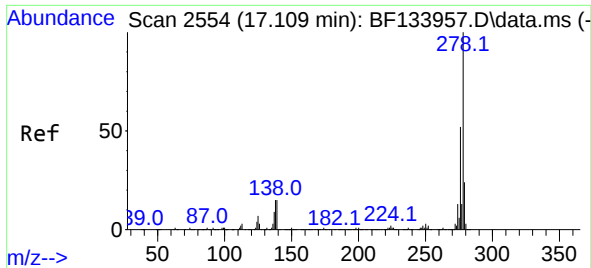
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#90
Benzo(a)pyrene
Concen: 43.251 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

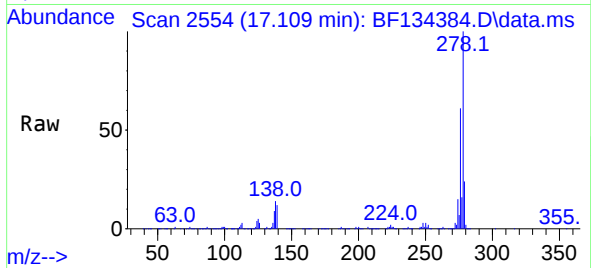
Tgt Ion:252 Resp: 397476
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.4 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 50.412 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32

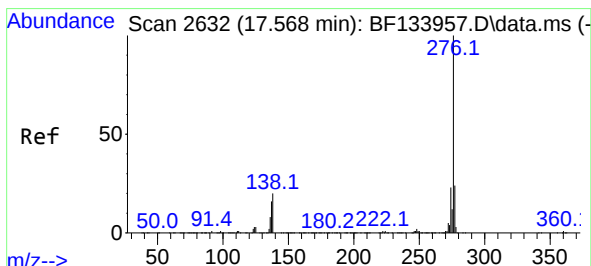
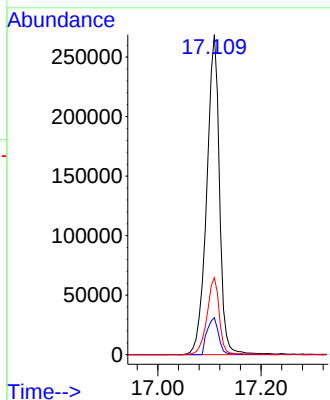
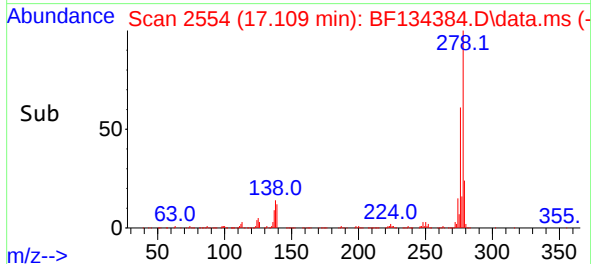
Instrument :
BNA_F
ClientSampleId :
RBR200018MS



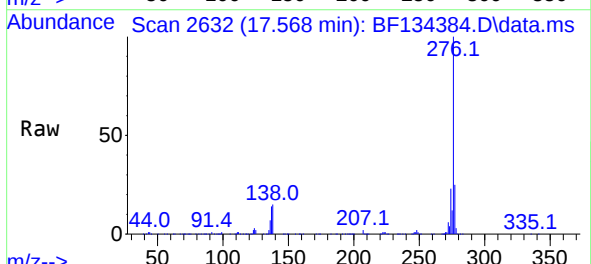
Tgt Ion:278 Resp: 461792
Ion Ratio Lower Upper
278 100
139 11.6 12.2 18.4
279 24.0 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#92
Benzo(g,h,i)perylene
Concen: 43.802 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.000 min
Lab File: BF134384.D
Acq: 20 Jul 2023 16:32



Tgt Ion:276 Resp: 413773
Ion Ratio Lower Upper
276 100
277 25.4 19.0 28.6
138 15.0 16.2 24.2#

