

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134357.D
 Acq On : 19 Jul 2023 14:07
 Operator : CG\JU
 Sample : PB154258BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154258BS

Quant Time: Jul 19 14:38:59 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	73456	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	287399	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	147548	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	283533	20.000	ng	0.00
76) Chrysene-d12	14.039	240	207181	20.000	ng	0.00
86) Perylene-d12	15.545	264	162647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	528916	120.447	ng	0.02
7) Phenol-d6	6.493	99	626305	115.974	ng	0.00
23) Nitrobenzene-d5	7.410	82	430397	80.726	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	234611	126.820	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	850710	83.826	ng	0.00
79) Terphenyl-d14	12.974	244	1030563	80.056	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	69750	38.522	ng	98
3) Pyridine	3.510	79	129575	27.474	ng	95
4) n-Nitrosodimethylamine	3.469	42	108860	40.414	ng	97
6) Aniline	6.504	93	121487	18.487	ng	# 1
8) 2-Chlorophenol	6.628	128	202366	45.397	ng	99
9) Benzaldehyde	6.393	77	23387	5.621	ng	92
10) Phenol	6.504	94	238883	42.071	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	183540	43.905	ng	96
12) 1,3-Dichlorobenzene	6.781	146	216197	45.492	ng	98
13) 1,4-Dichlorobenzene	6.857	146	220399	45.915	ng	100
14) 1,2-Dichlorobenzene	7.004	146	208930	46.475	ng	98
15) Benzyl Alcohol	6.987	79	190464	45.749	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	263979	35.694	ng	76
17) 2-Methylphenol	7.104	107	165921	41.566	ng	# 91
18) Hexachloroethane	7.345	117	84571	47.516	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	149455	43.640	ng	97
20) 3+4-Methylphenols	7.257	107	212227	43.824	ng	# 84
22) Acetophenone	7.251	105	303978	46.507	ng	94
24) Nitrobenzene	7.428	77	224942	41.751	ng	95
25) Isophorone	7.663	82	395026	40.768	ng	98
26) 2-Nitrophenol	7.740	139	110940	42.924	ng	93
27) 2,4-Dimethylphenol	7.781	122	176237	43.078	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	224824	40.071	ng	99
29) 2,4-Dichlorophenol	7.987	162	173340	42.728	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	186054	44.447	ng	99
31) Naphthalene	8.145	128	581120	41.861	ng	99
32) Benzoic acid	7.928	122	132878	43.344	ng	90
33) 4-Chloroaniline	8.198	127	62541	10.532	ng	95
34) Hexachlorobutadiene	8.251	225	124318	47.080	ng	98
35) Caprolactam	8.575	113	56031m	41.947	ng	
36) 4-Chloro-3-methylphenol	8.687	107	196886	43.201	ng	97
37) 2-Methylnaphthalene	8.834	142	397560	40.497	ng	100
38) 1-Methylnaphthalene	8.934	142	367427	40.260	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	198841	45.487	ng	98
41) Hexachlorocyclopentadiene	8.981	237	146096	70.447	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	125980	42.335	ng	99

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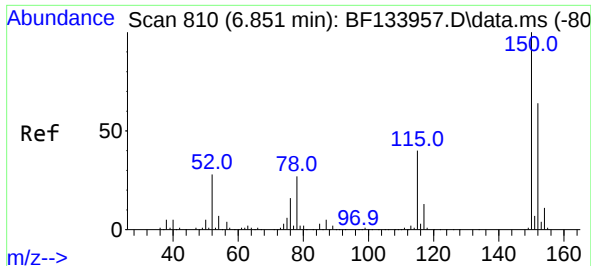
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	132150	37.754	ng	95
46) 1,1'-Biphenyl	9.298	154	503444	42.536	ng	97
47) 2-Chloronaphthalene	9.328	162	371458	42.894	ng	97
48) 2-Nitroaniline	9.428	65	126504	40.083	ng	97
49) Acenaphthylene	9.739	152	596580	40.328	ng	99
50) Dimethylphthalate	9.604	163	440172	41.097	ng	99
51) 2,6-Dinitrotoluene	9.675	165	97145	42.111	ng	94
52) Acenaphthene	9.916	154	356039	41.478	ng	96
53) 3-Nitroaniline	9.839	138	66706	24.103	ng	95
54) 2,4-Dinitrophenol	9.963	184	107206	80.448	ng	95
55) Dibenzofuran	10.086	168	547834	40.837	ng	98
56) 4-Nitrophenol	10.022	139	126313	65.250	ng	94
57) 2,4-Dinitrotoluene	10.081	165	130723	42.909	ng #	81
58) Fluorene	10.433	166	439165	42.079	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	113266	41.023	ng	99
60) Diethylphthalate	10.304	149	459742	41.200	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	211162	41.983	ng	96
62) 4-Nitroaniline	10.469	138	91041	32.642	ng	93
63) Azobenzene	10.586	77	410439	38.885	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	74201	48.002	ng	98
66) n-Nitrosodiphenylamine	10.545	169	379025	41.840	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	131598	43.668	ng	99
68) Hexachlorobenzene	10.980	284	156491	48.907	ng	97
69) Atrazine	11.075	200	73014	29.138	ng	98
70) Pentachlorophenol	11.180	266	132014	69.002	ng	99
71) Phenanthrene	11.404	178	616245	43.174	ng	98
72) Anthracene	11.451	178	630358	42.459	ng	99
73) Carbazole	11.610	167	602480	44.337	ng	99
74) Di-n-butylphthalate	11.939	149	709552	43.909	ng	100
75) Fluoranthene	12.598	202	684722	44.373	ng	98
77) Benzidine	12.722	184	61625	12.501	ng	98
78) Pyrene	12.827	202	706828	36.659	ng	100
80) Butylbenzylphthalate	13.445	149	297866	41.191	ng	99
81) Benzo(a)anthracene	14.027	228	604579	42.077	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	141520	31.088	ng	98
83) Chrysene	14.069	228	566461	40.704	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	389324	46.855	ng	98
85) Di-n-octyl phthalate	14.627	149	602208	49.324	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	526231	46.627	ng #	94
88) Benzo(b)fluoranthene	15.098	252	515856	53.939	ng	98
89) Benzo(k)fluoranthene	15.133	252	479577m	49.251	ng	
90) Benzo(a)pyrene	15.480	252	422532	45.689	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	442567	48.009	ng	97
92) Benzo(g,h,i)perylene	17.574	276	431817	45.424	ng	95

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



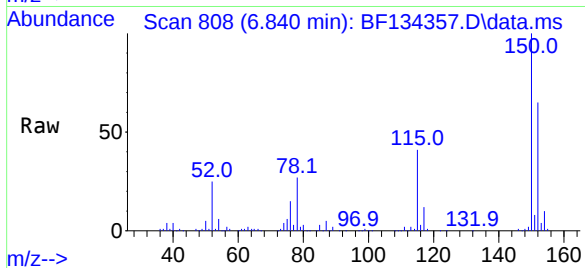
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

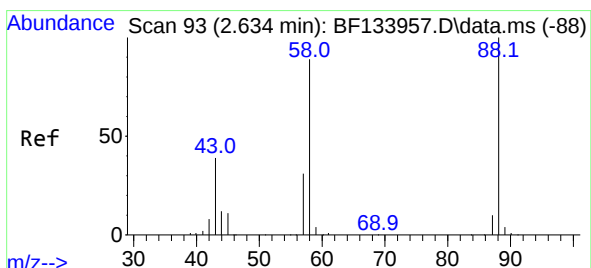
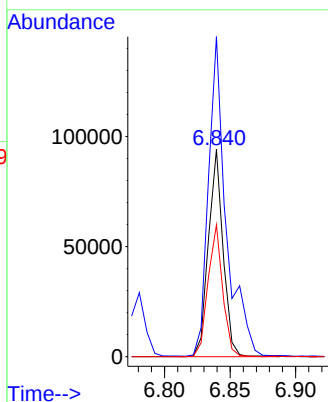
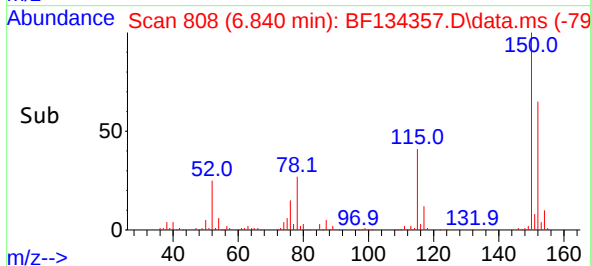


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Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 63.6 50.2 75.2

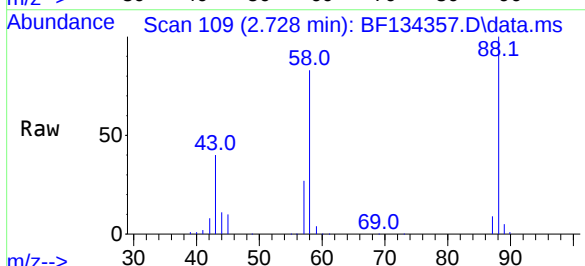
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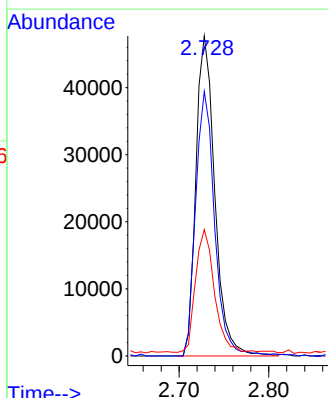
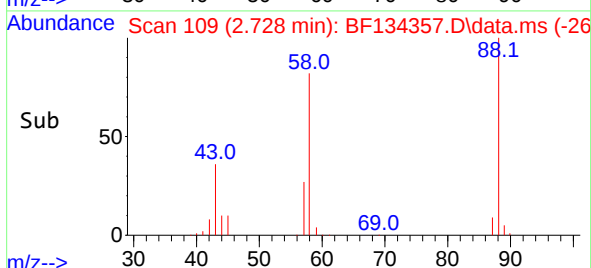
Reviewed By :Yogesh Patel 07/20/2023
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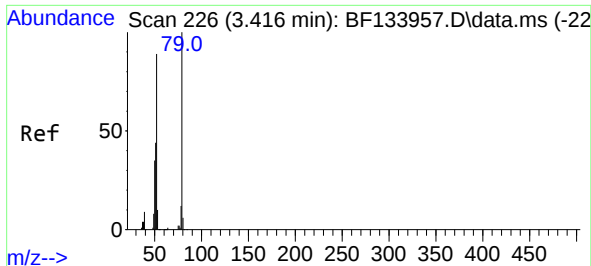


#2
1,4-Dioxane
Concen: 38.522 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.135 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



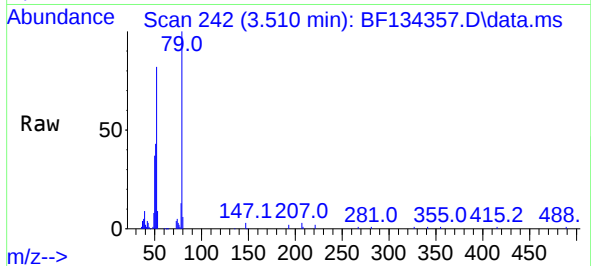
Tgt Ion: 88 Resp: 69750
Ion Ratio Lower Upper
88 100
58 83.0 68.8 103.2
43 38.0 30.7 46.1





#3
Pyridine
Concen: 27.474 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.130 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

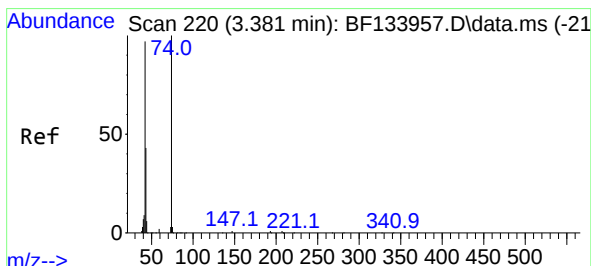
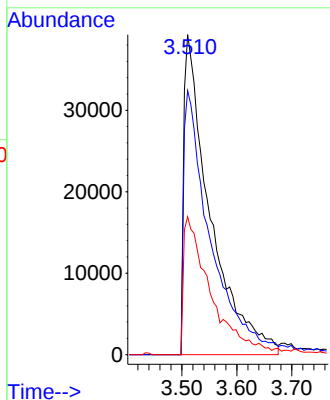
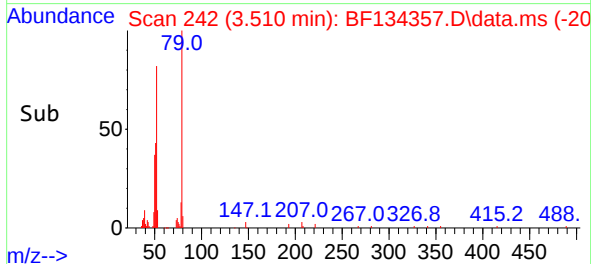
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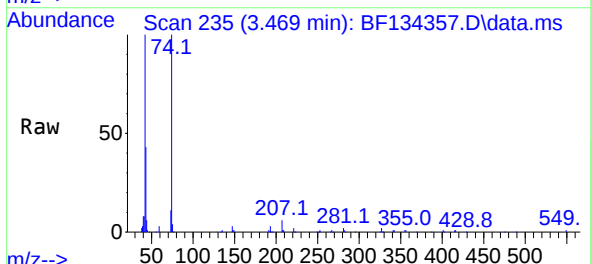
Tgt Ion: 79 Resp: 12957
Ion Ratio Lower Upper
79 100
52 82.5 71.1 106.7
51 43.1 35.2 52.8

Manual Integrations
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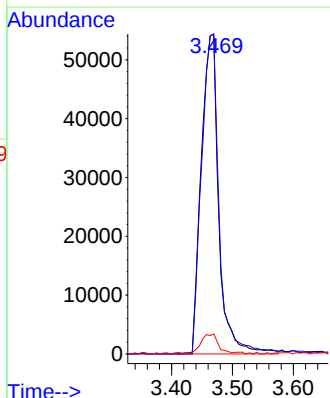
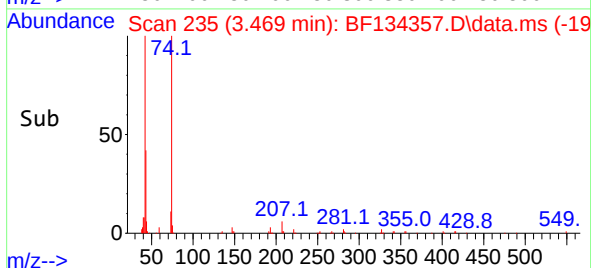
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

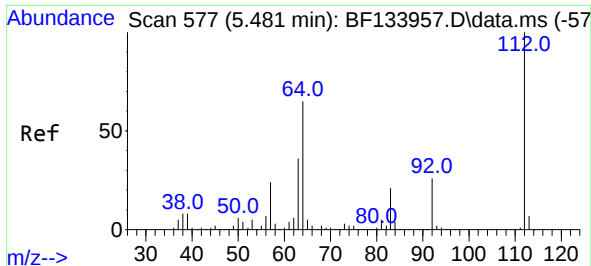


#4
n-Nitrosodimethylamine
Concen: 40.414 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.130 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



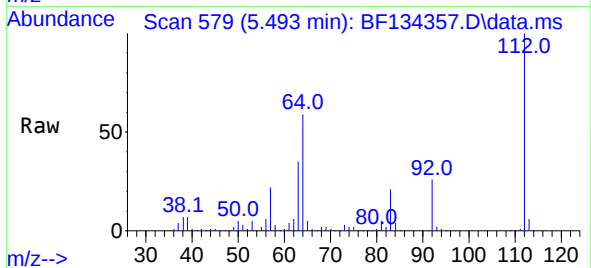
Tgt Ion: 42 Resp: 108860
Ion Ratio Lower Upper
42 100
74 99.9 82.4 123.6
44 6.2 4.9 7.3





#5
2-Fluorophenol
Concen: 120.447 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

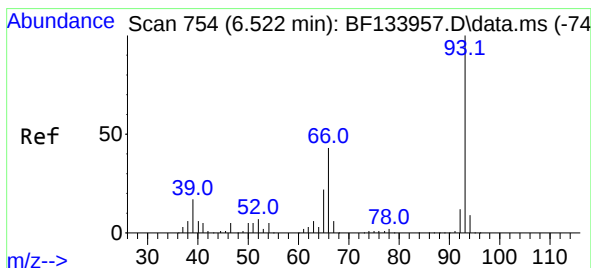
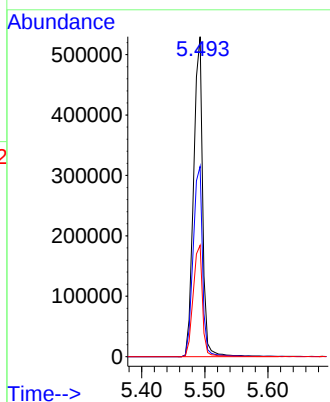
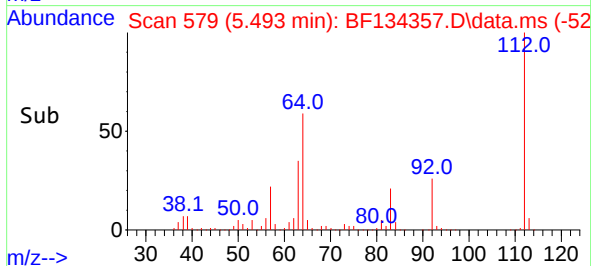
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 528910
Ion Ratio Lower Upper
112 100
64 59.5 52.1 78.1
63 34.8 28.6 42.8

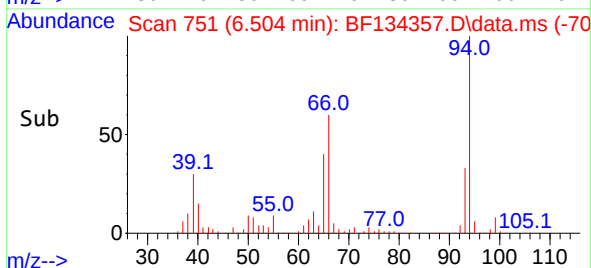
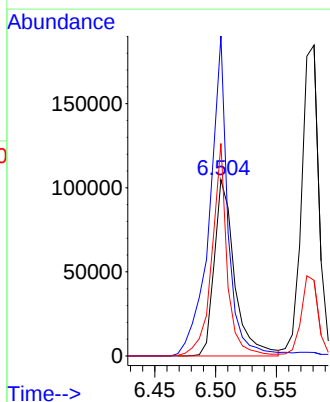
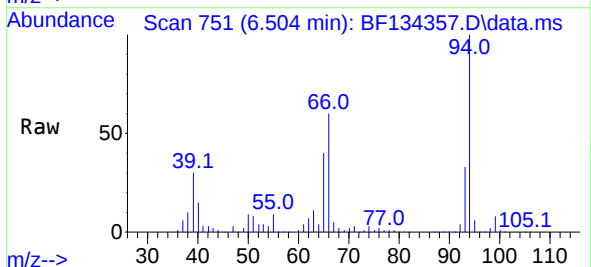
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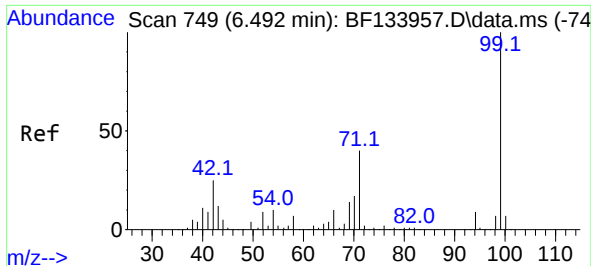
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#6
Aniline
Concen: 18.487 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

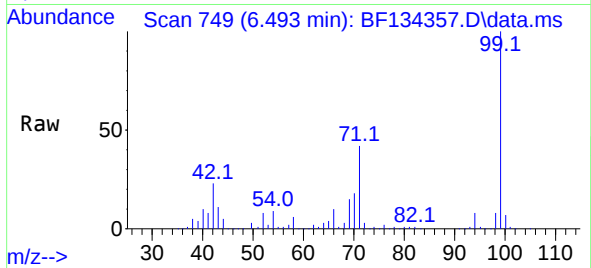
Tgt Ion: 93 Resp: 121487
Ion Ratio Lower Upper
93 100
66 181.5 34.5 51.7#
65 120.5 17.8 26.6#





#7
Phenol-d6
Concen: 115.974 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

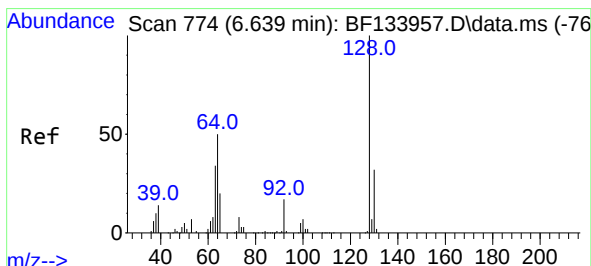
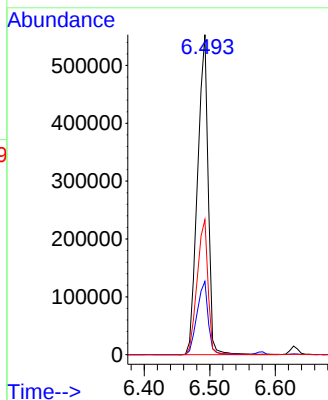
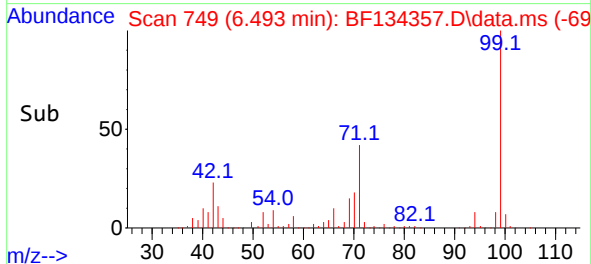
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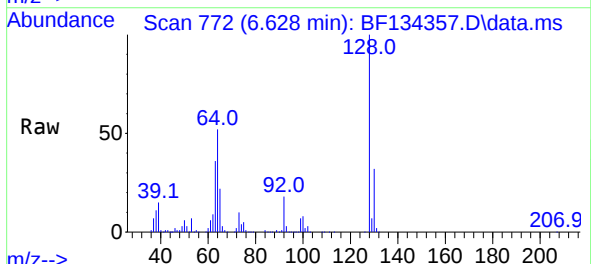
Tgt Ion: 99 Resp: 626309
Ion Ratio Lower Upper
99 100
42 22.9 19.8 29.6
71 42.2 31.9 47.9

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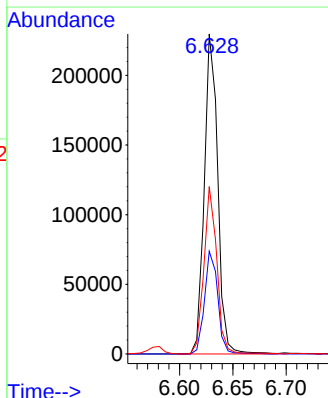
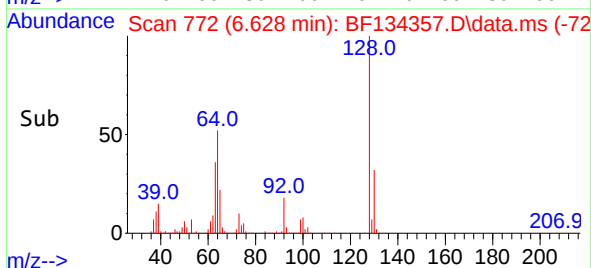
Reviewed By :Yogesh Patel 07/20/2023
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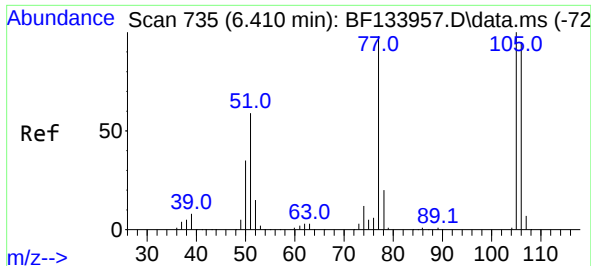


#8
2-Chlorophenol
Concen: 45.397 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:128 Resp: 202366
Ion Ratio Lower Upper
128 100
130 32.1 11.7 51.7
64 52.3 31.3 71.3





#9
Benzaldehyde
Concen: 5.621 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

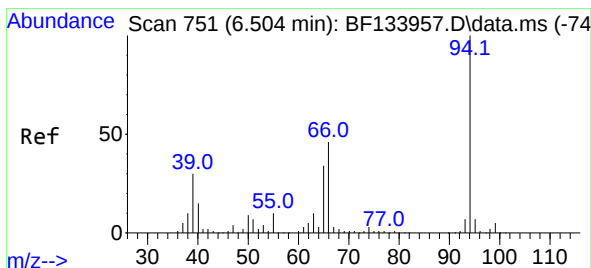
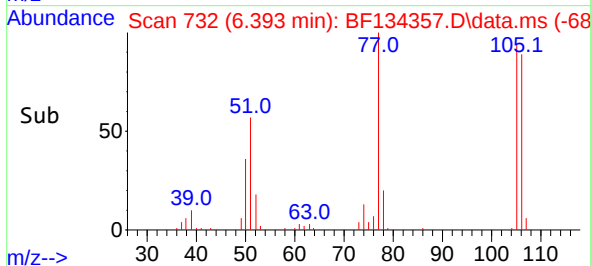
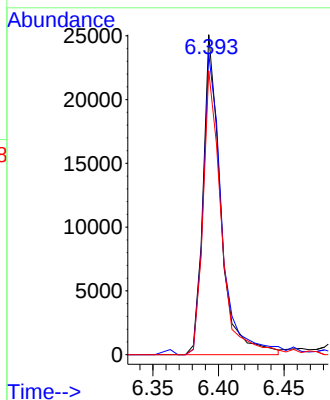
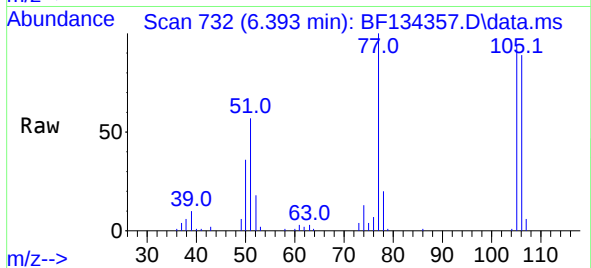
ClientSampleId :

PB154258BS

Tgt Ion: 77 Resp: 2338
Ion Ratio Lower Upper
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105 93.8 82.0 122.0
106 88.7 76.9 116.9

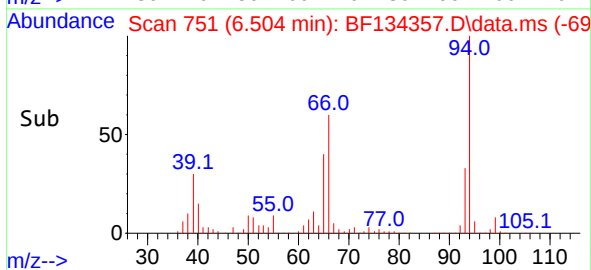
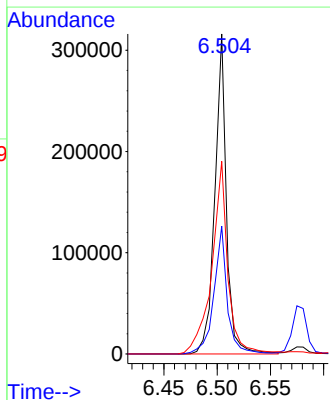
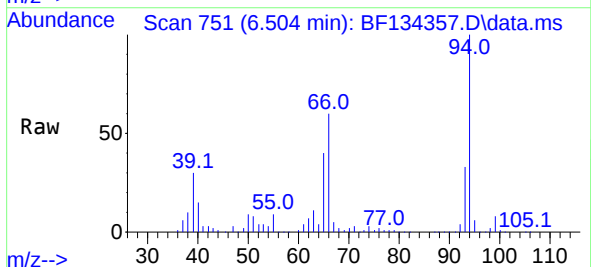
Manual Integrations
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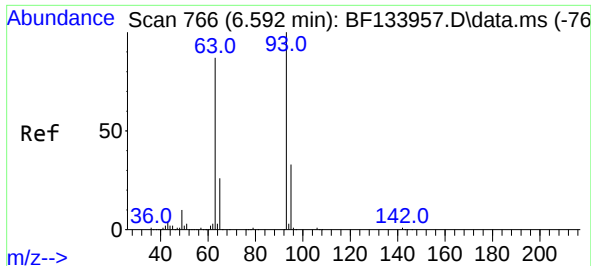
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#10
Phenol
Concen: 42.071 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion: 94 Resp: 238883
Ion Ratio Lower Upper
94 100
65 40.0 14.2 54.2
66 60.2 26.4 66.4





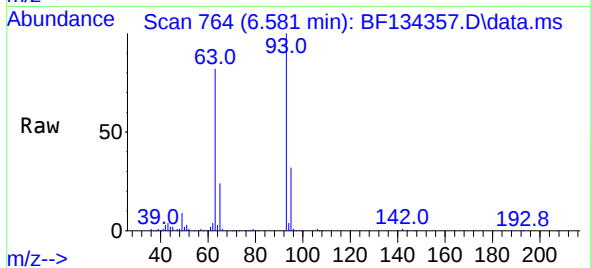
#11
bis(2-Chloroethyl)ether
Concen: 43.905 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

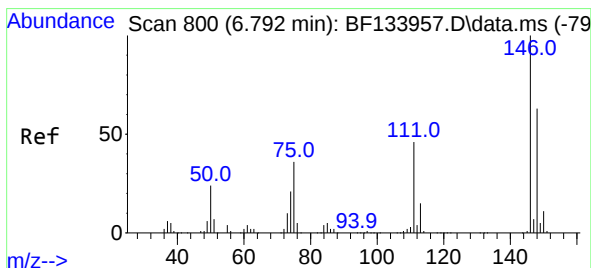
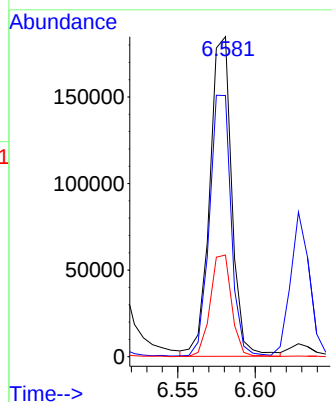
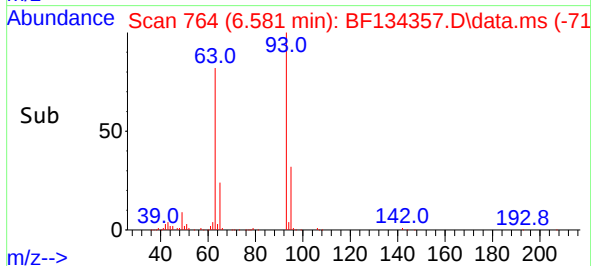


Tgt Ion: 93 Resp: 183540
Ion Ratio Lower Upper
93 100
63 81.6 66.5 106.5
95 31.8 12.9 52.9

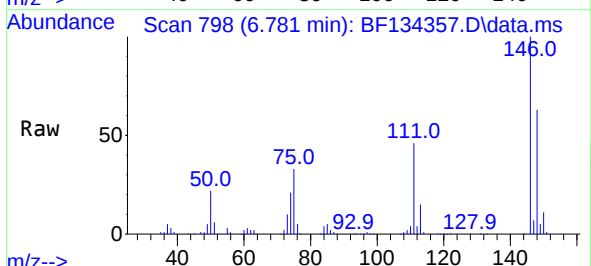
Manual Integrations

APPROVED

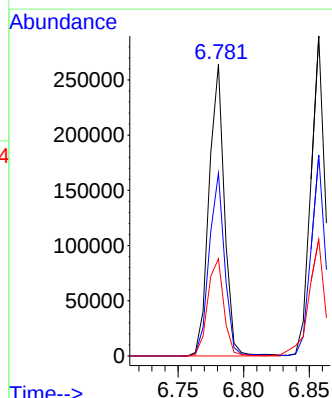
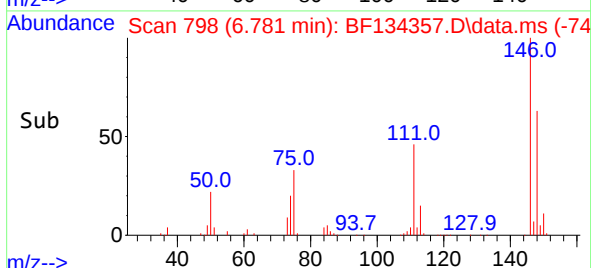
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

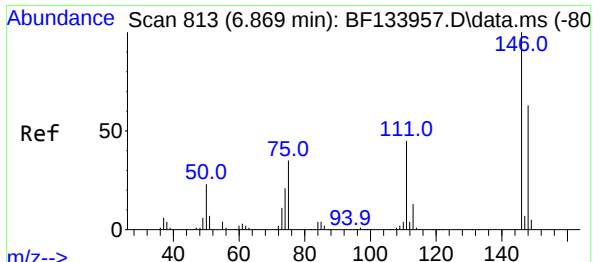


#12
1,3-Dichlorobenzene
Concen: 45.492 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



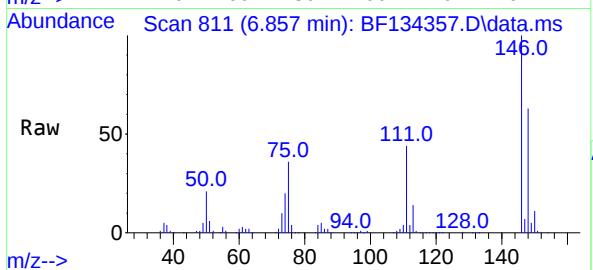
Tgt Ion:146 Resp: 216197
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 33.4 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 45.915 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

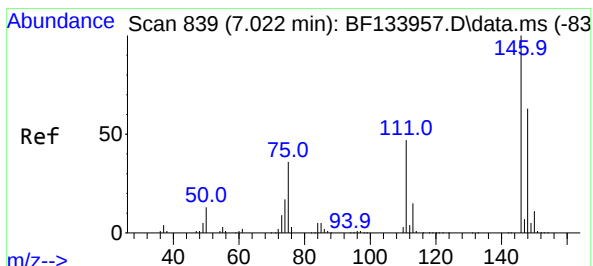
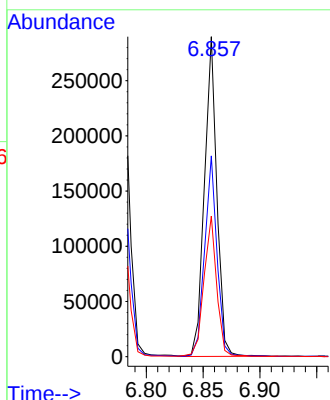
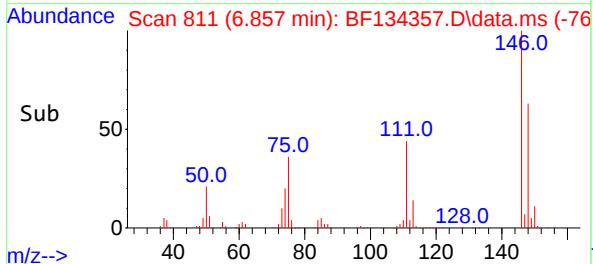
Instrument :
BNA_F
ClientSampleId :
PB154258BS



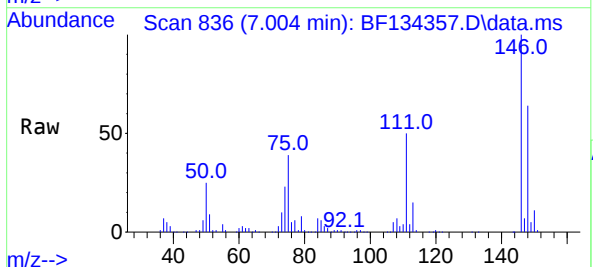
Tgt Ion:146 Resp: 220399
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
111 44.0 35.8 53.6

Manual Integrations
APPROVED

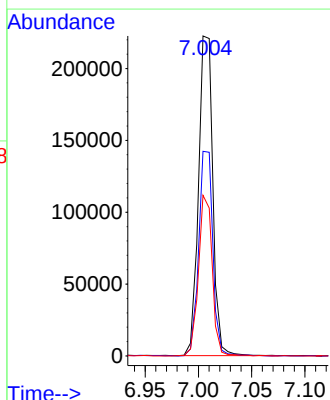
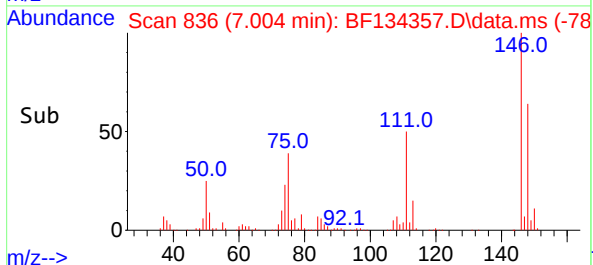
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

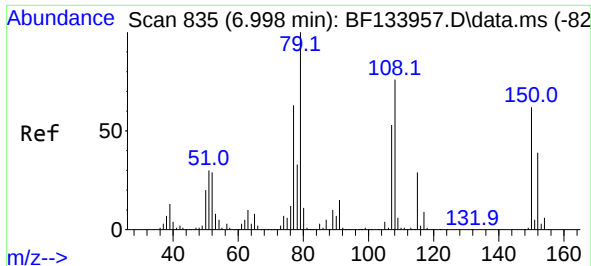


#14
1,2-Dichlorobenzene
Concen: 46.475 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



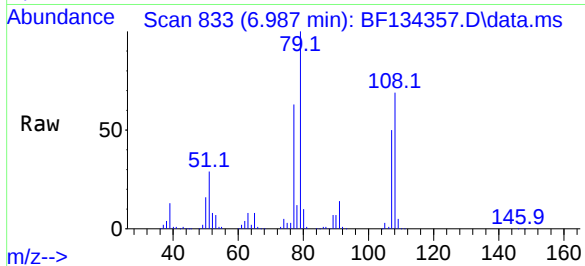
Tgt Ion:146 Resp: 208930
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 50.2 38.0 57.0





#15
Benzyl Alcohol
Concen: 45.749 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

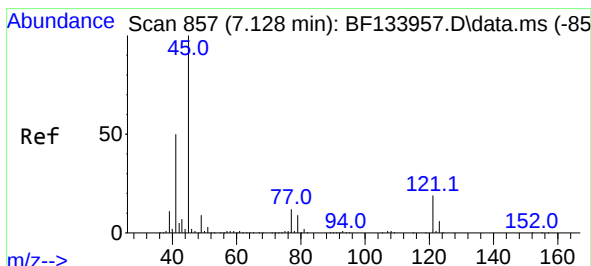
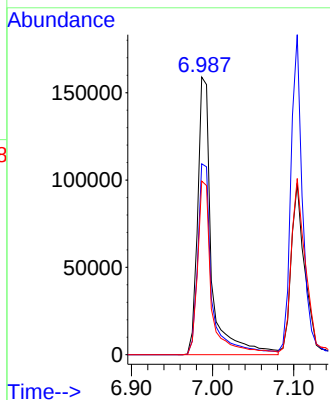
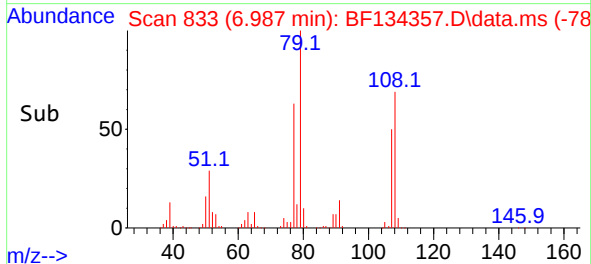
Instrument :
BNA_F
ClientSampleId :
PB154258BS



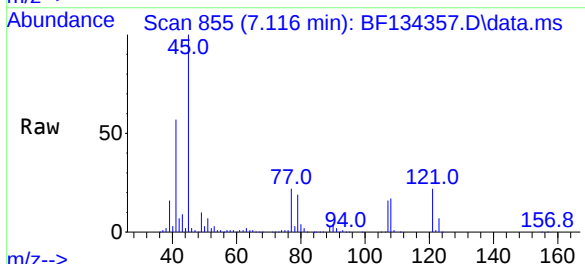
Tgt Ion: 79 Resp: 190464
Ion Ratio Lower Upper
79 100
108 68.8 60.7 91.1
77 62.6 50.6 75.8

Manual Integrations
APPROVED

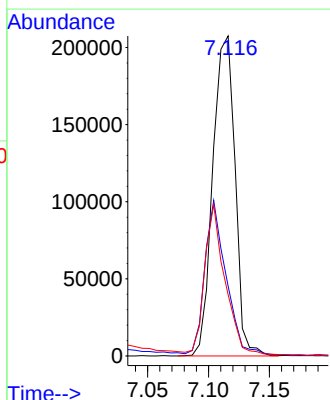
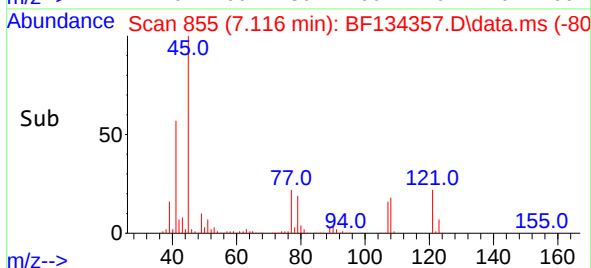
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

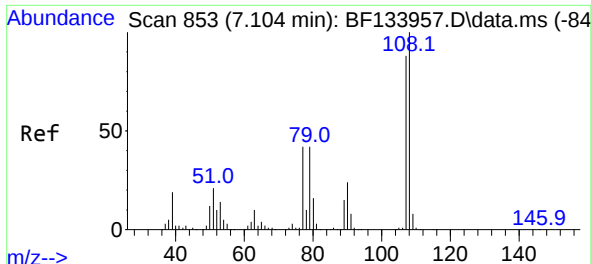


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.694 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion: 45 Resp: 263979
Ion Ratio Lower Upper
45 100
77 21.8 0.0 32.9
79 19.2 0.0 29.5





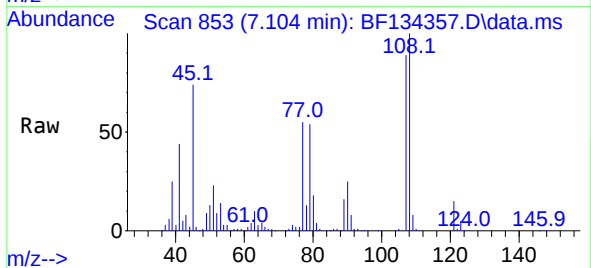
#17
2-Methylphenol
Concen: 41.566 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

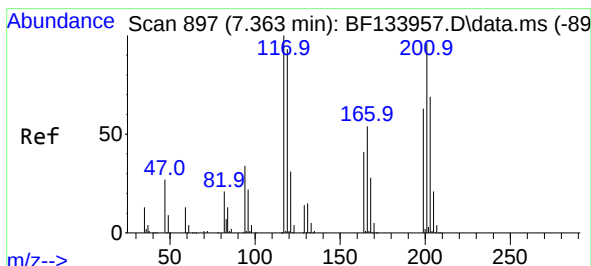
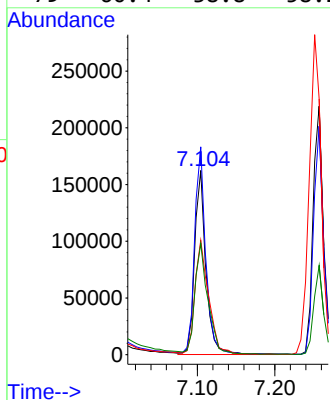
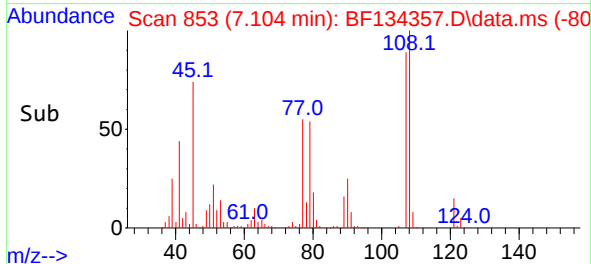


Tgt Ion:107 Resp: 16592
Ion Ratio Lower Upper
107 100
108 112.8 90.6 136.0
77 62.1 38.3 57.5
79 60.4 38.8 58.2

Manual Integrations

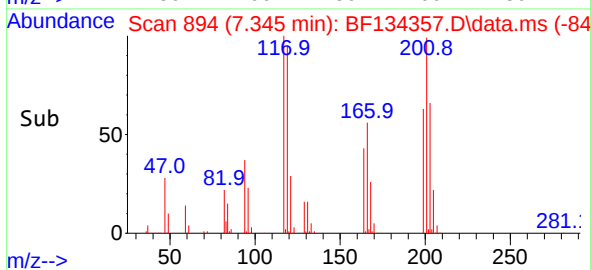
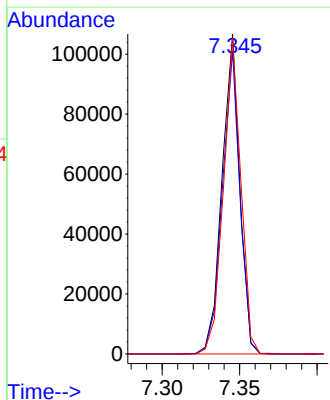
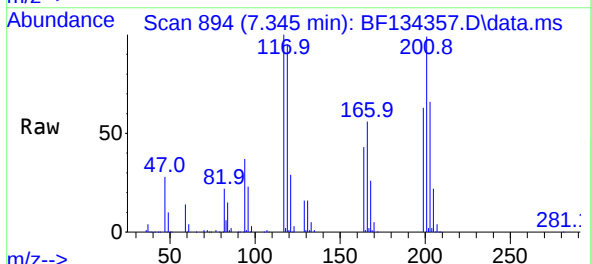
APPROVED

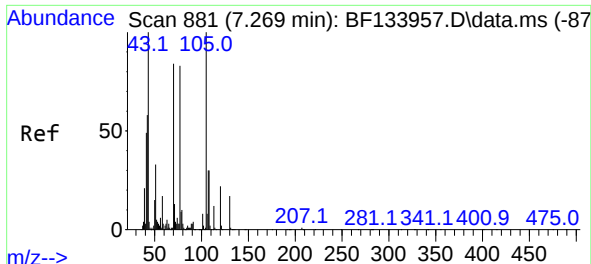
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#18
Hexachloroethane
Concen: 47.516 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

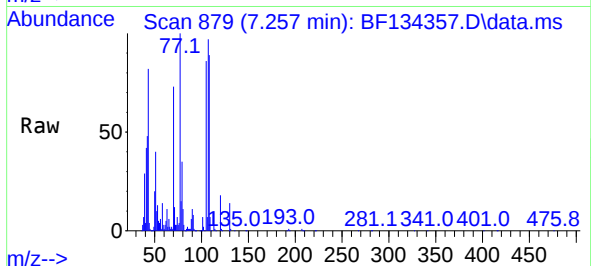
Tgt Ion:117 Resp: 84571
Ion Ratio Lower Upper
117 100
119 94.8 74.2 111.4
201 98.6 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.640 ng
RT: 7.257 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

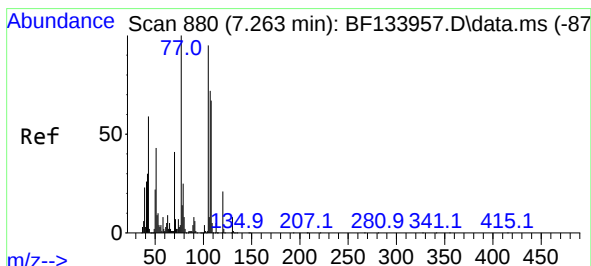
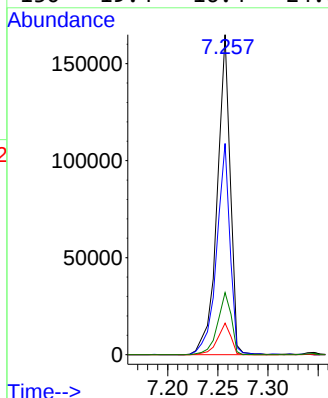
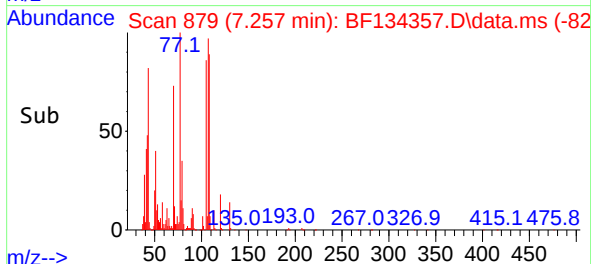
Instrument :
BNA_F
ClientSampleId :
PB154258BS



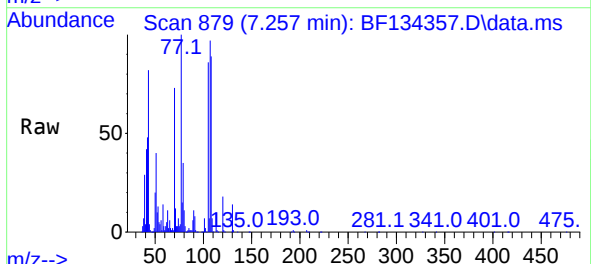
Tgt Ion: 70 Resp: 14945
Ion Ratio Lower Upper
70 100
42 66.0 54.7 82.1
101 9.8 7.7 11.5
130 19.4 16.4 24.6

Manual Integrations
APPROVED

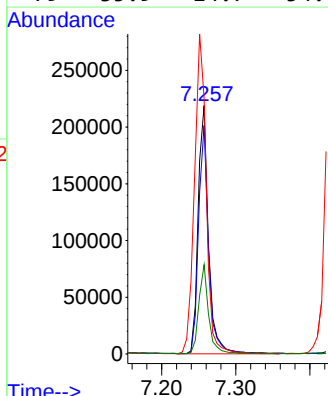
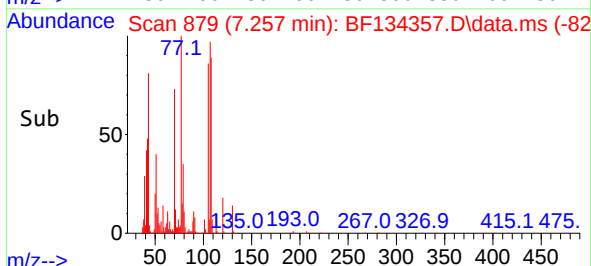
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

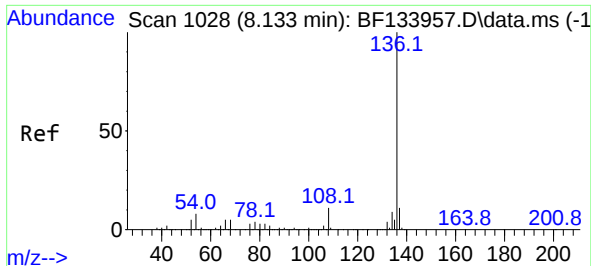


#20
3+4-Methylphenols
Concen: 43.824 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:107 Resp: 212227
Ion Ratio Lower Upper
107 100
108 91.9 73.2 113.2
77 102.9 118.3 158.3#
79 35.9 14.7 54.7





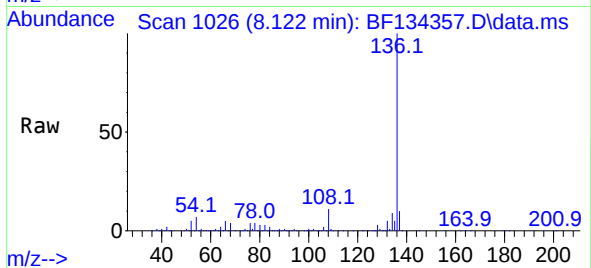
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS



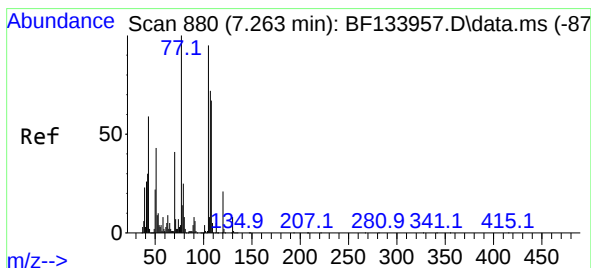
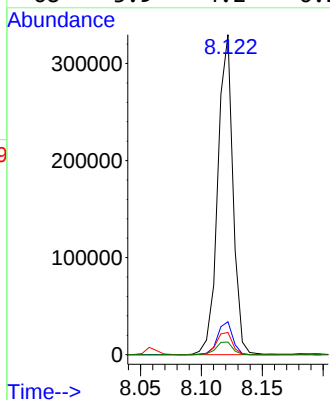
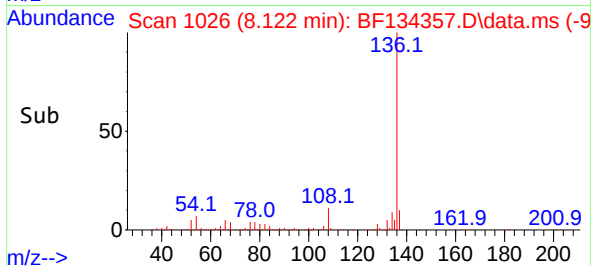
Tgt Ion:136 Resp: 287395
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 7.0 6.5 9.7
68 3.9 4.2 6.2#

Manual Integrations

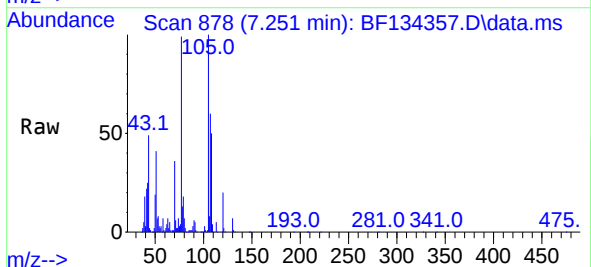
APPROVED

Reviewed By :Yogesh Patel 07/20/2023

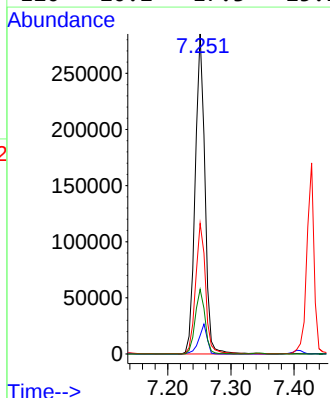
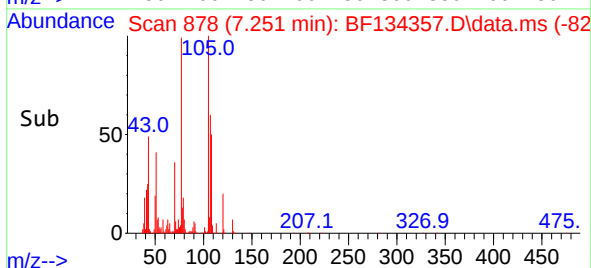
Supervised By :mohammad ahmed 07/20/2023

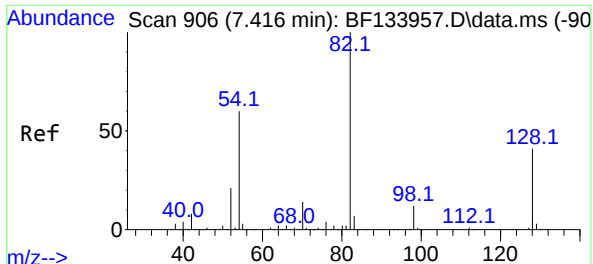


#22
Acetophenone
Concen: 46.507 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:105 Resp: 303978
Ion Ratio Lower Upper
105 100
71 5.8 5.5 8.3
51 40.8 36.5 54.7
120 20.2 17.3 25.9





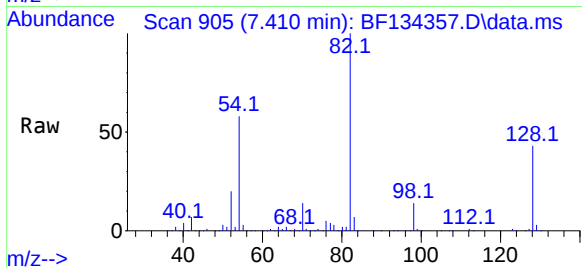
#23
Nitrobenzene-d5
Concen: 80.726 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

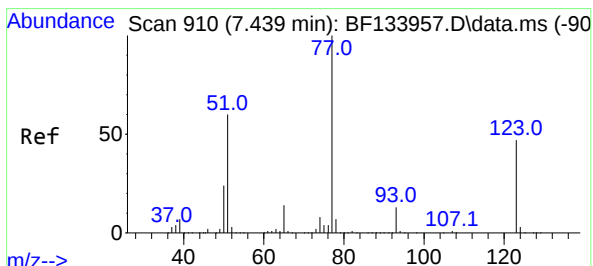
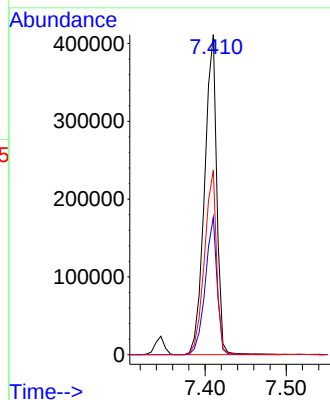
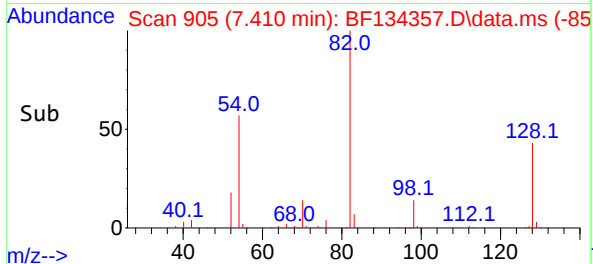


Tgt Ion: 82 Resp: 430397
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 57.7 48.2 72.2

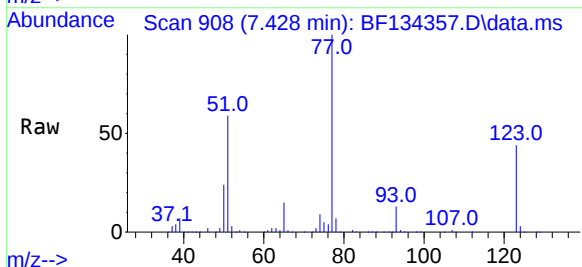
Manual Integrations

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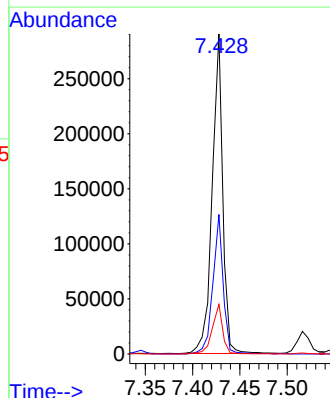
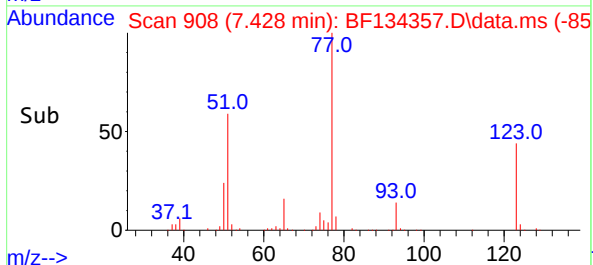
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

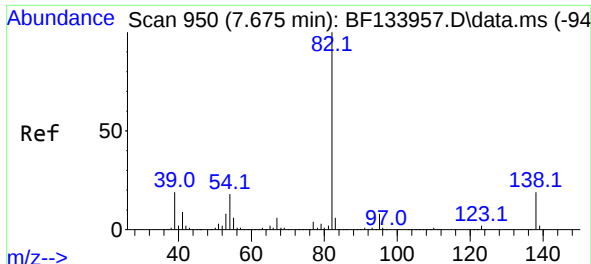


#24
Nitrobenzene
Concen: 41.751 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion: 77 Resp: 224942
Ion Ratio Lower Upper
77 100
123 43.6 37.8 56.6
65 15.5 11.3 16.9





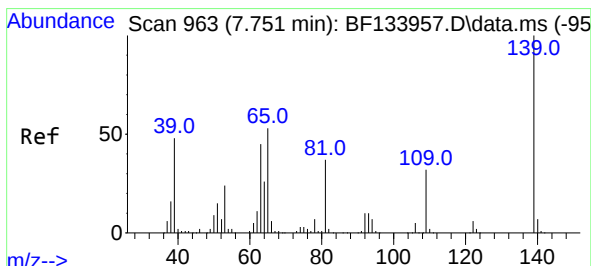
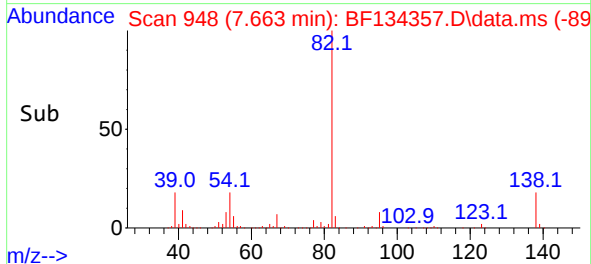
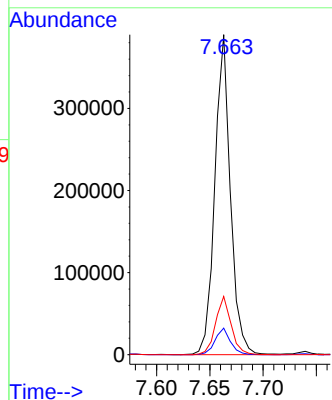
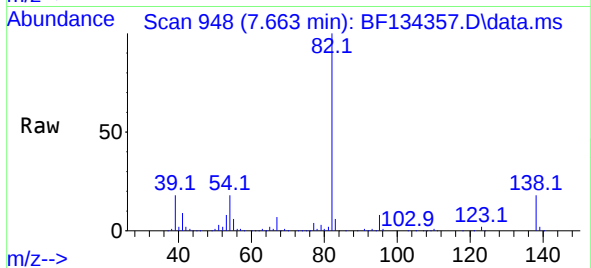
#25
Isophorone
Concen: 40.768 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :
BNA_F
ClientSampleId :
PB154258BS

Tgt Ion: 82 Resp: 395020
Ion Ratio Lower Upper
82 100
95 8.3 6.1 9.1
138 18.2 15.2 22.8

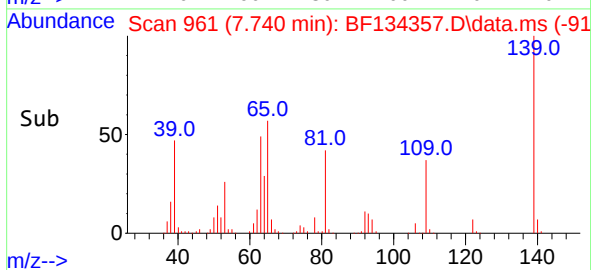
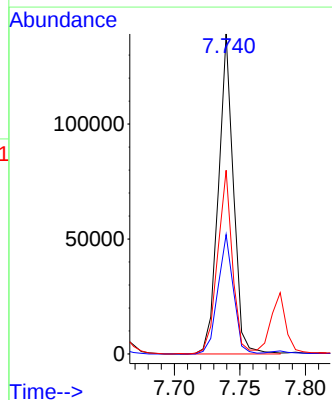
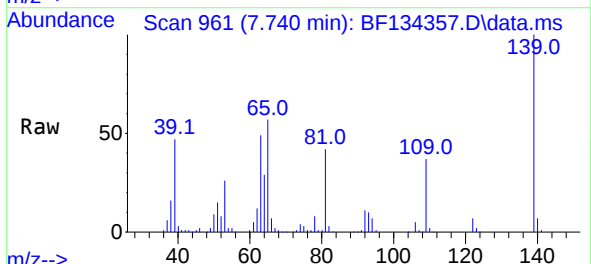
Manual Integrations
APPROVED

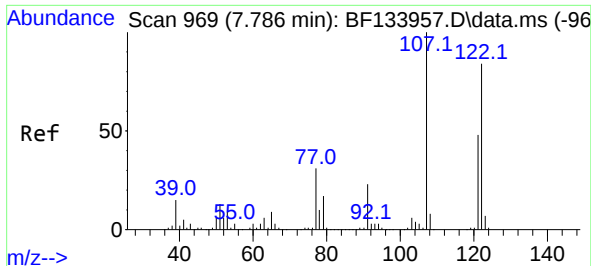
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#26
2-Nitrophenol
Concen: 42.924 ng
RT: 7.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:139 Resp: 110940
Ion Ratio Lower Upper
139 100
109 37.3 25.8 38.8
65 57.4 42.4 63.6





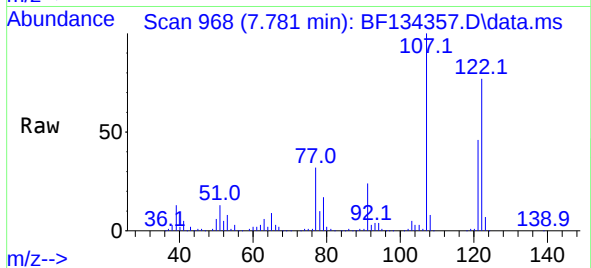
#27
2,4-Dimethylphenol
Concen: 43.078 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

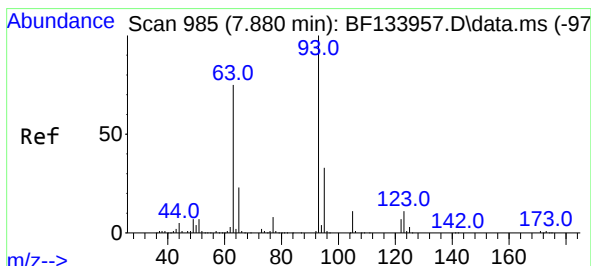
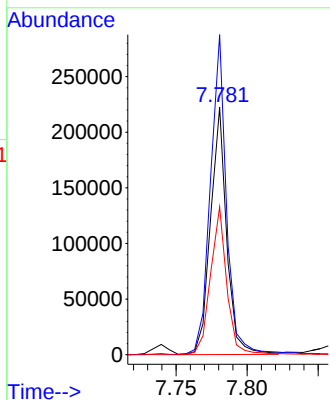
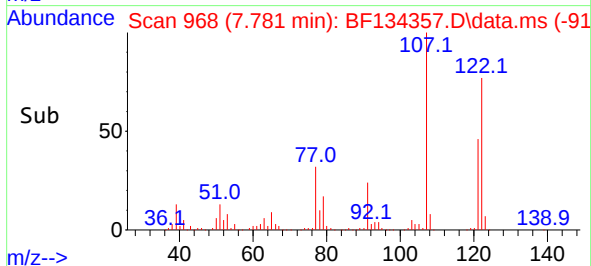


Tgt Ion:122 Resp: 17623
Ion Ratio Lower Upper
122 100
107 129.3 95.5 143.3
121 59.7 45.5 68.3

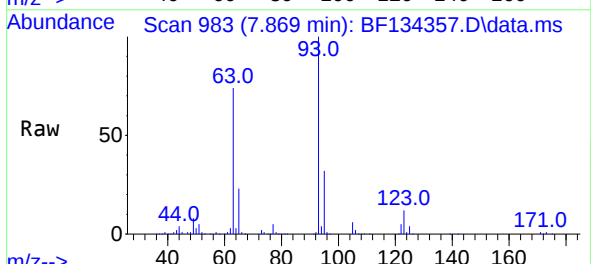
Manual Integrations

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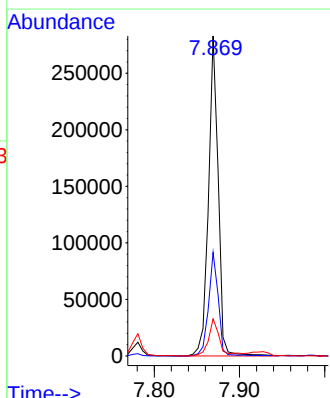
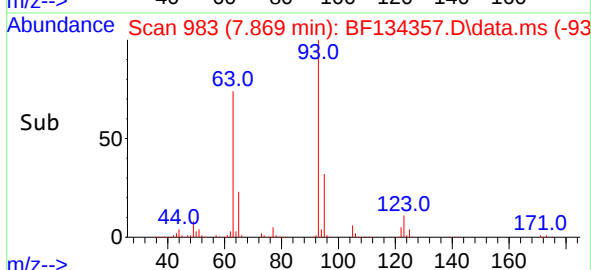
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

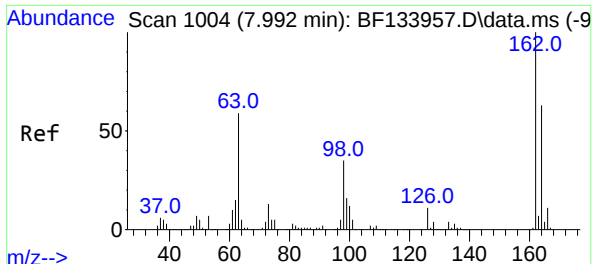


#28
bis(2-Chloroethoxy)methane
Concen: 40.071 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion: 93 Resp: 224824
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.728 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134357.D

Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

Tgt Ion:162 Resp: 173340

Ion Ratio Lower Upper

162 100

164 64.6 43.2 83.2

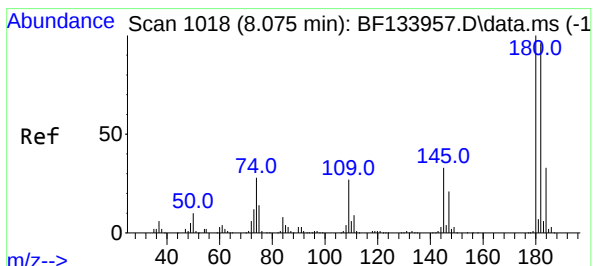
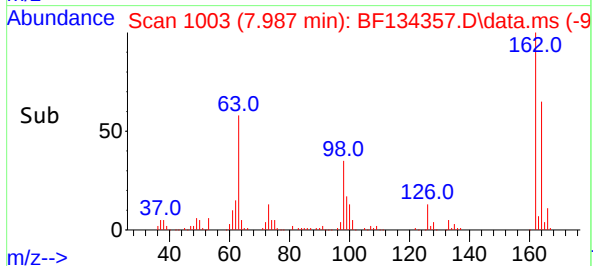
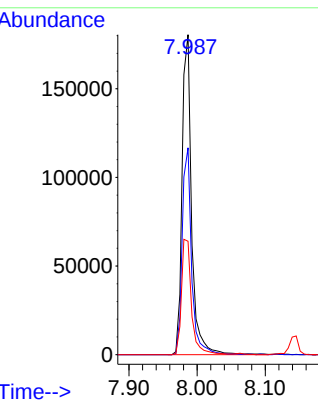
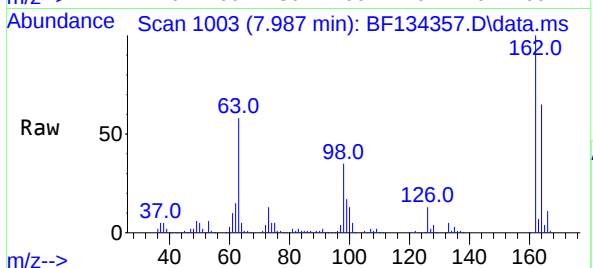
98 35.5 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.447 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134357.D

Acq: 19 Jul 2023 14:07

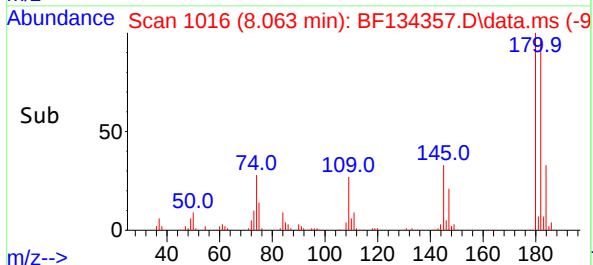
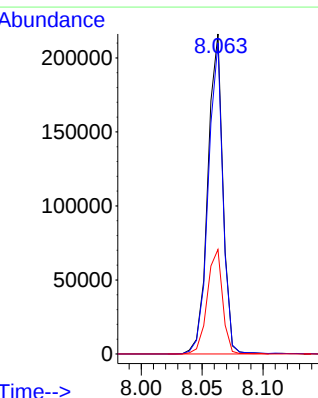
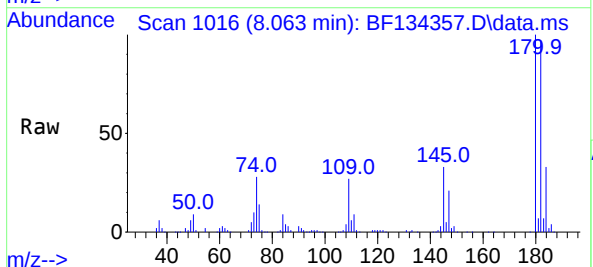
Tgt Ion:180 Resp: 186054

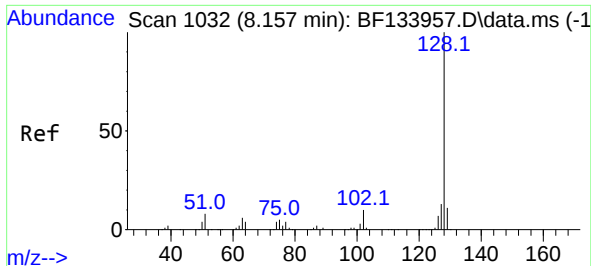
Ion Ratio Lower Upper

180 100

182 97.2 77.1 115.7

145 32.6 26.0 39.0





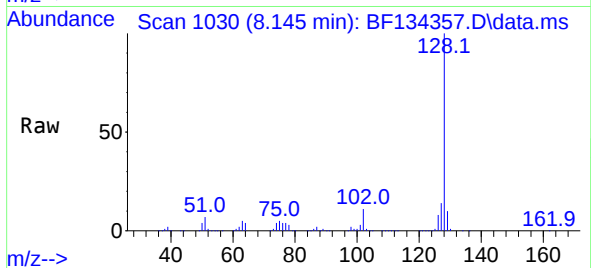
#31
Naphthalene
Concen: 41.861 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

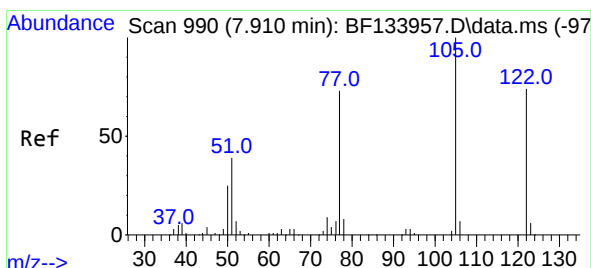
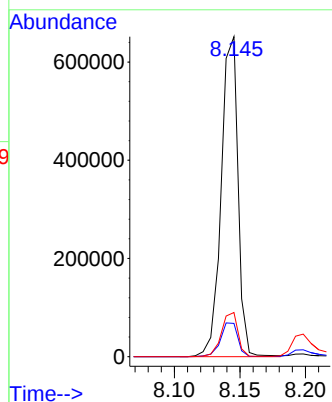
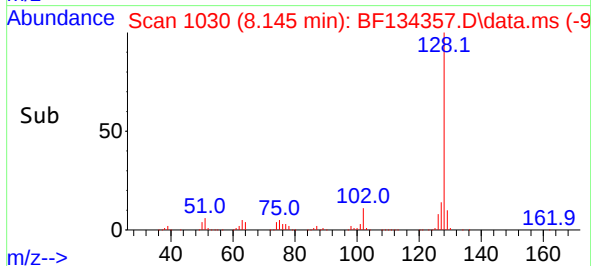


Tgt Ion:128 Resp: 581120
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.8 10.6 15.8

Manual Integrations

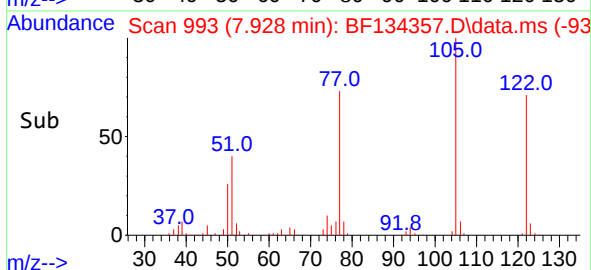
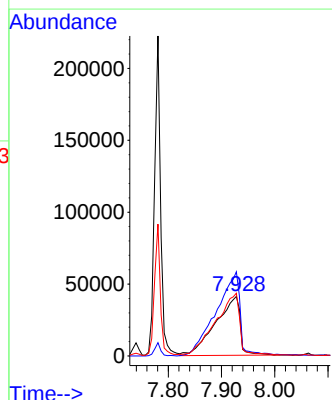
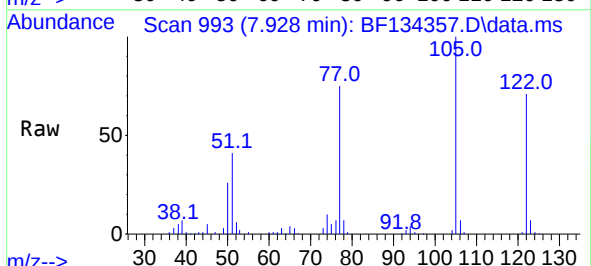
APPROVED

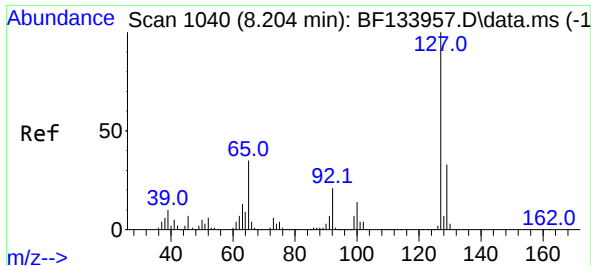
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#32
Benzoic acid
Concen: 43.344 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.024 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:122 Resp: 132878
Ion Ratio Lower Upper
122 100
105 141.4 109.7 149.7
77 105.4 76.0 116.0





#33
4-Chloroaniline
Concen: 10.532 ng
RT: 8.198 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

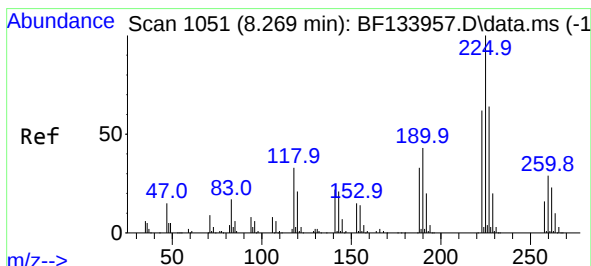
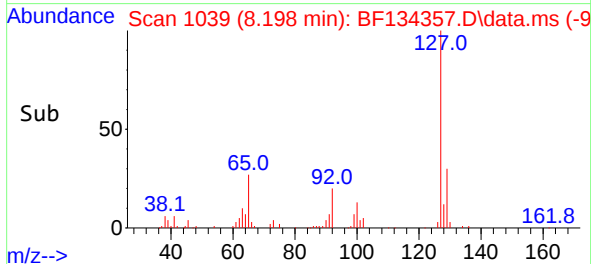
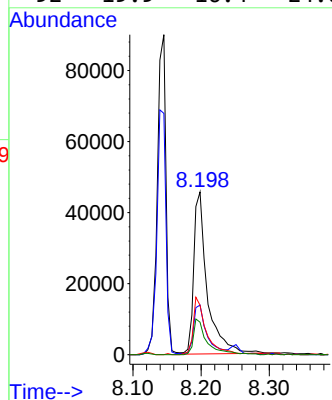
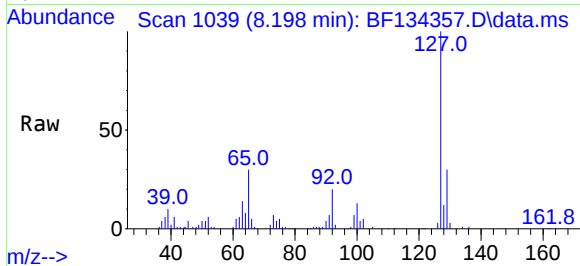
ClientSampleId :

PB154258BS

Tgt Ion:127 Resp: 6254
Ion Ratio Lower Upper
127 100
129 30.5 26.4 39.6
65 30.3 27.8 41.8
92 19.9 16.4 24.6

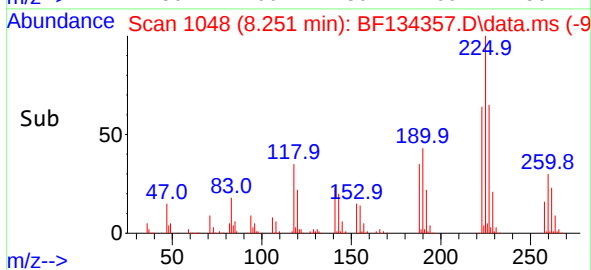
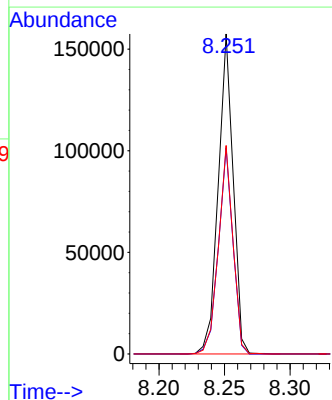
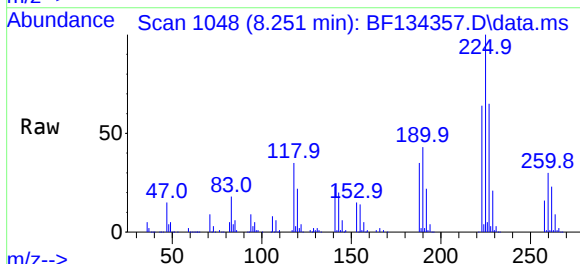
Manual Integrations
APPROVED

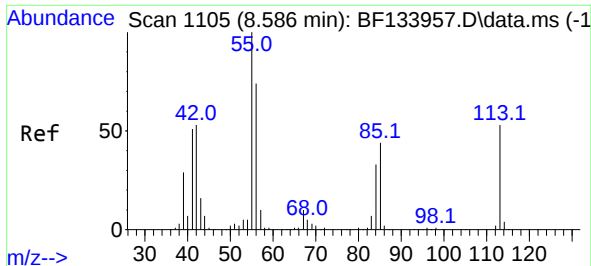
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#34
Hexachlorobutadiene
Concen: 47.080 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

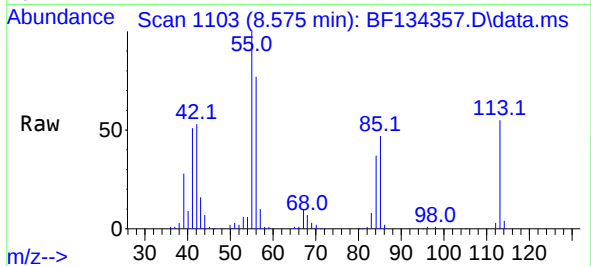
Tgt Ion:225 Resp: 124318
Ion Ratio Lower Upper
225 100
223 64.5 49.8 74.8
227 65.2 51.0 76.4





#35
Caprolactam
Concen: 41.947 ng m
RT: 8.575 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

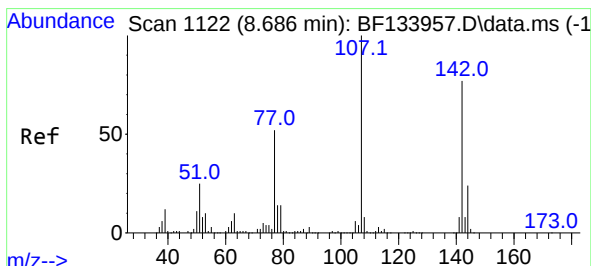
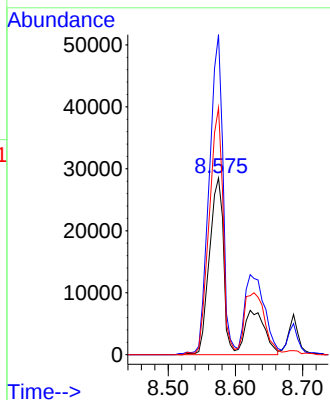
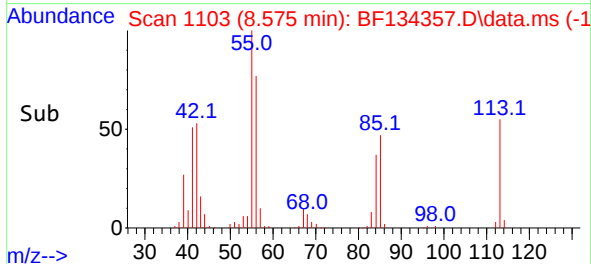
Instrument :
BNA_F
ClientSampleId :
PB154258BS



Tgt Ion:113 Resp: 5603
Ion Ratio Lower Upper
113 100
55 181.2 170.2 210.2
56 139.8 121.4 161.4

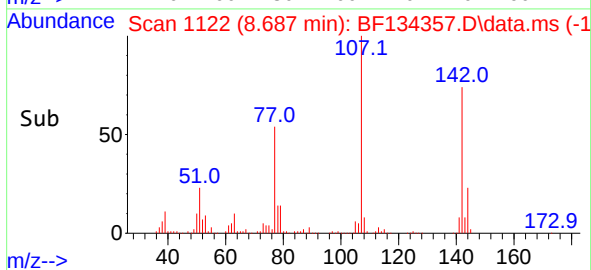
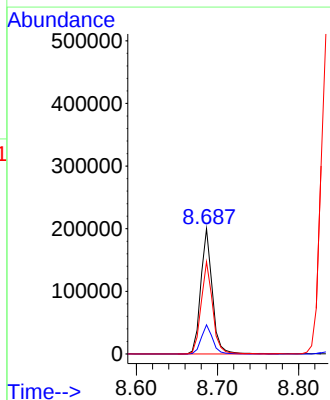
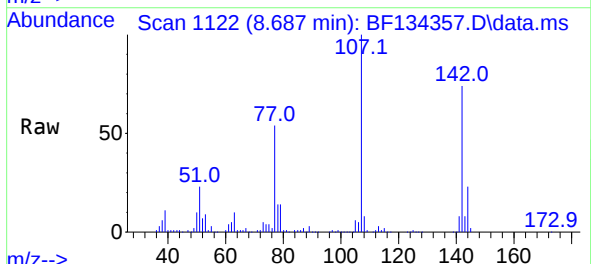
Manual Integrations
APPROVED

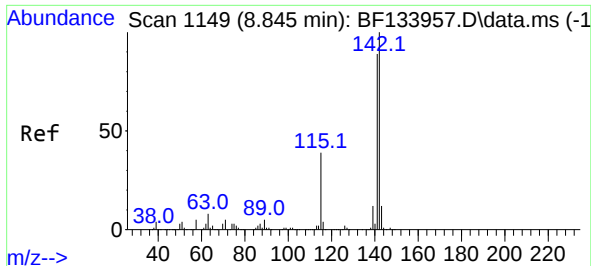
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#36
4-Chloro-3-methylphenol
Concen: 43.201 ng
RT: 8.687 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:107 Resp: 196886
Ion Ratio Lower Upper
107 100
144 23.2 19.6 29.4
142 73.6 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.497 ng

RT: 8.834 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134357.D

Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

Tgt Ion:142 Resp: 397560

Ion Ratio Lower Upper

142 100

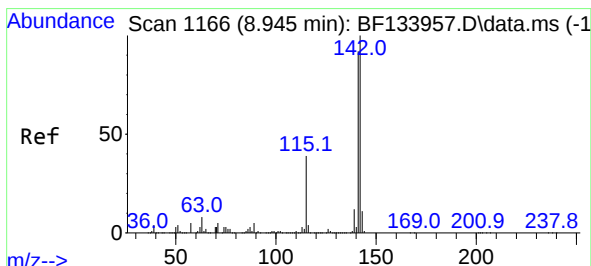
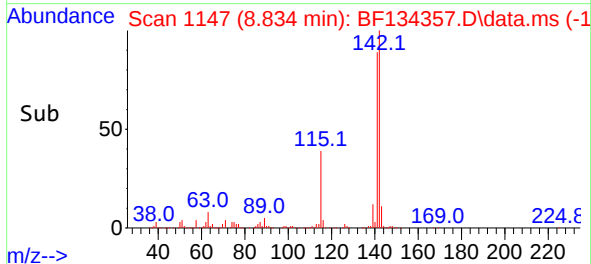
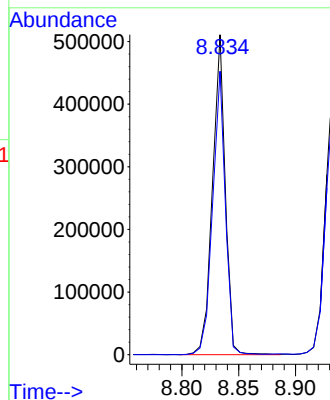
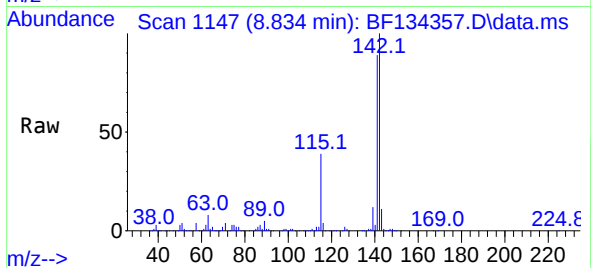
141 88.6 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#38

1-Methylnaphthalene

Concen: 40.260 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134357.D

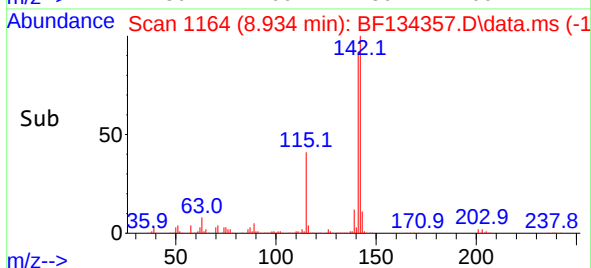
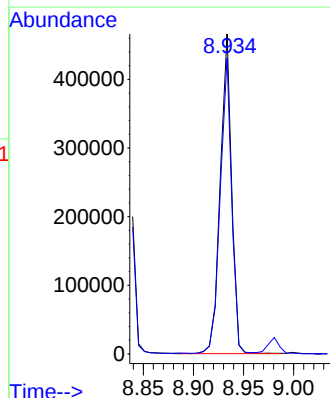
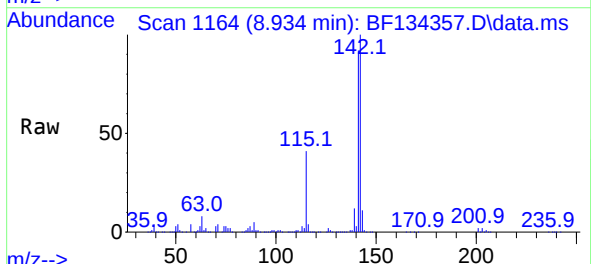
Acq: 19 Jul 2023 14:07

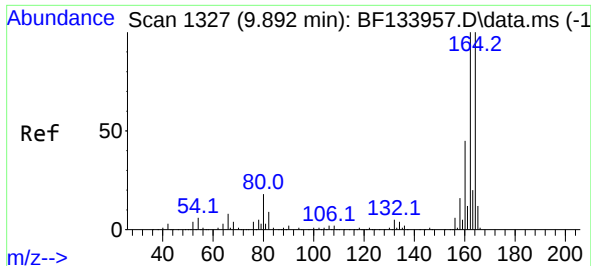
Tgt Ion:142 Resp: 367427

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

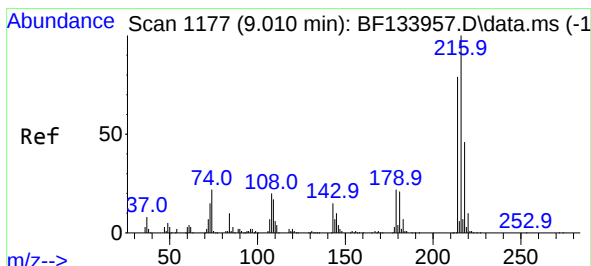
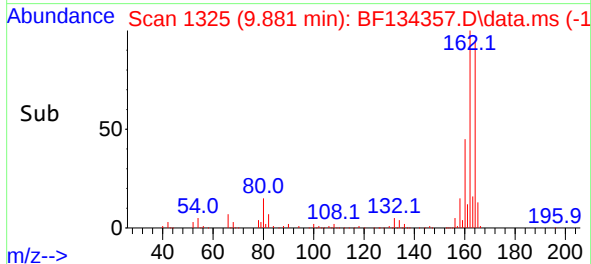
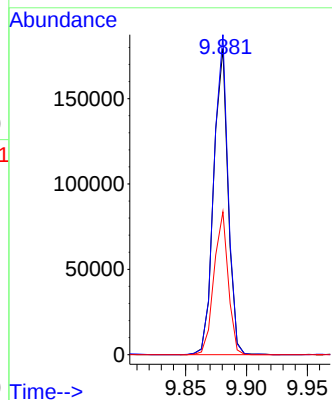
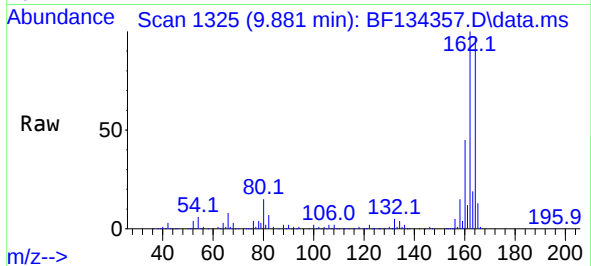
PB154258BS

Tgt Ion:164 Resp: 147548
Ion Ratio Lower Upper
164 100
162 104.5 80.0 120.0
160 46.6 35.9 53.9

Manual Integrations

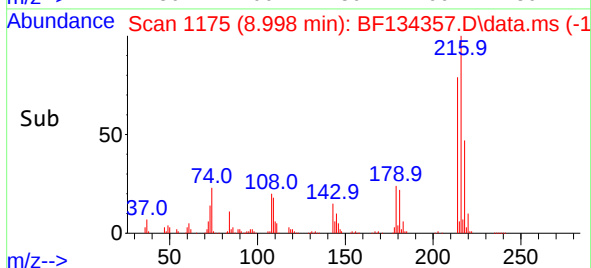
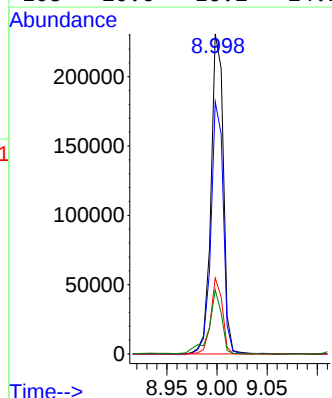
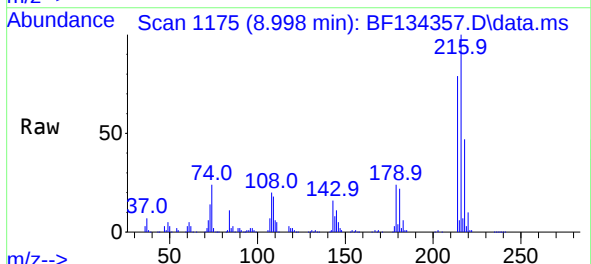
APPROVED

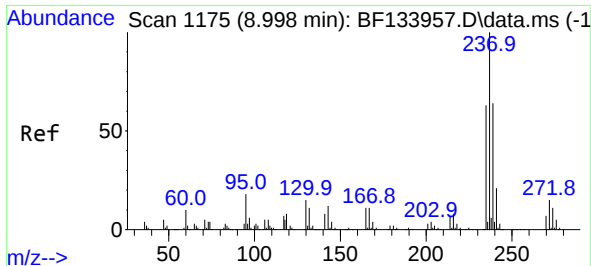
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.487 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:216 Resp: 198841
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 22.1 17.3 25.9
108 20.6 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 70.447 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

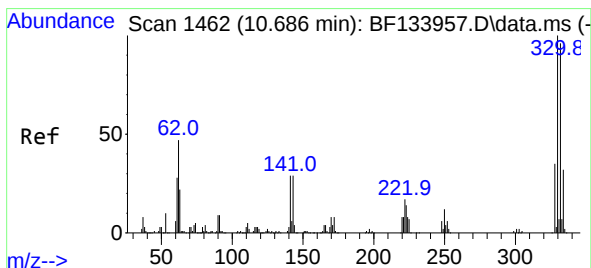
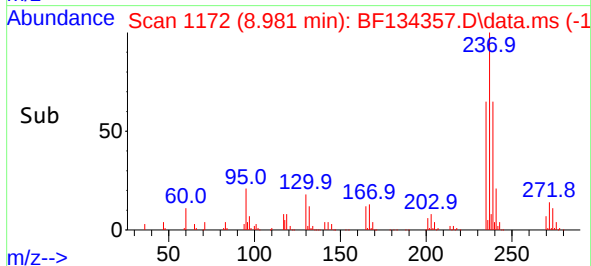
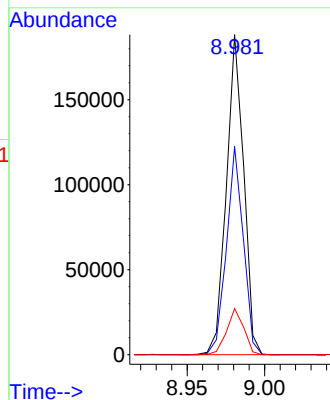
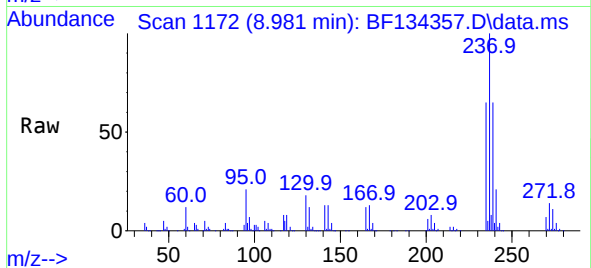
PB154258BS

Tgt Ion:237 Resp: 146090
Ion Ratio Lower Upper
237 100
235 65.0 42.8 82.8
272 14.4 0.0 34.6

Manual Integrations

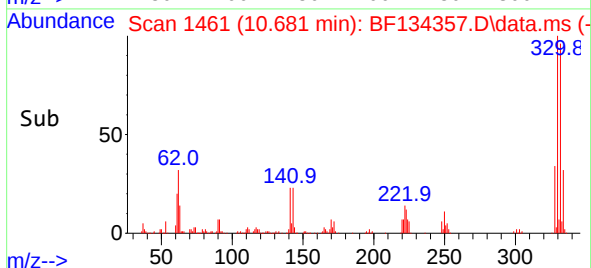
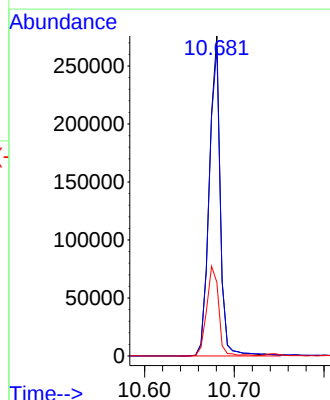
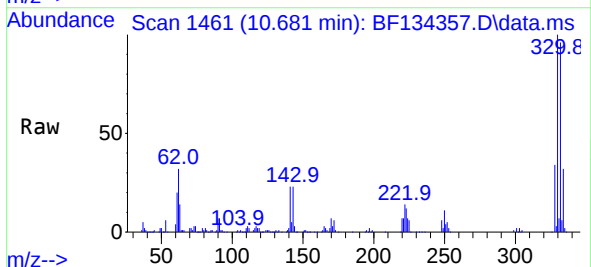
APPROVED

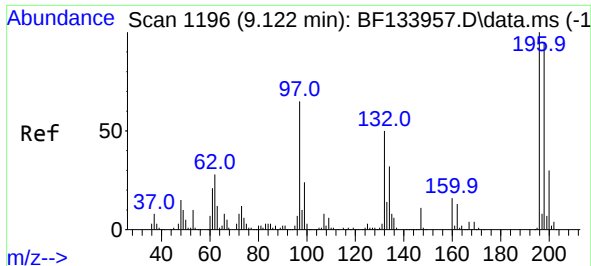
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#42
2,4,6-Tribromophenol
Concen: 126.820 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

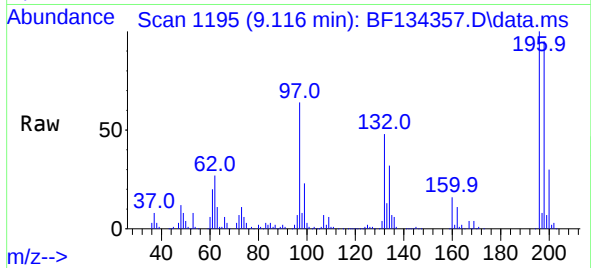
Tgt Ion:330 Resp: 234611
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 30.6 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 42.335 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

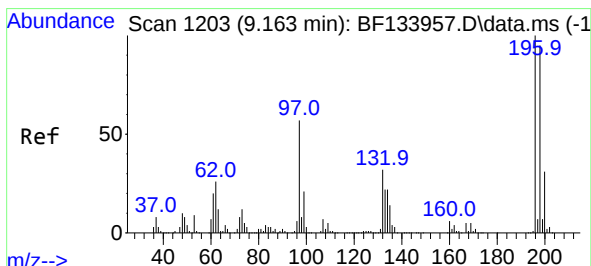
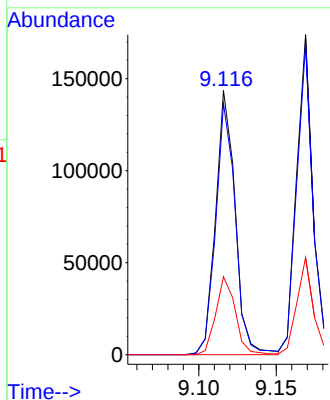
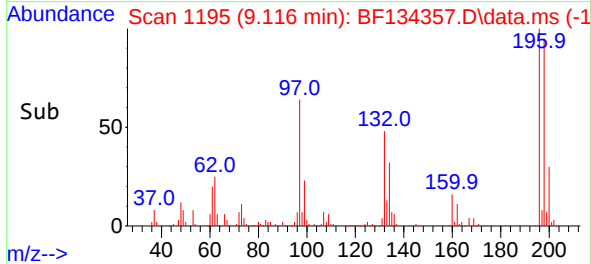
Instrument :
BNA_F
ClientSampleId :
PB154258BS



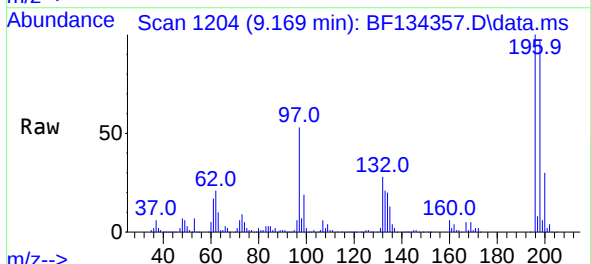
Tgt Ion:196 Resp: 125980
Ion Ratio Lower Upper
196 100
198 95.1 75.6 113.4
200 29.5 24.4 36.6

Manual Integrations
APPROVED

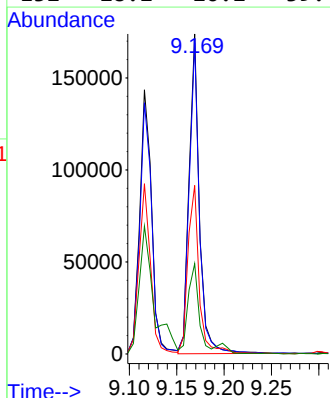
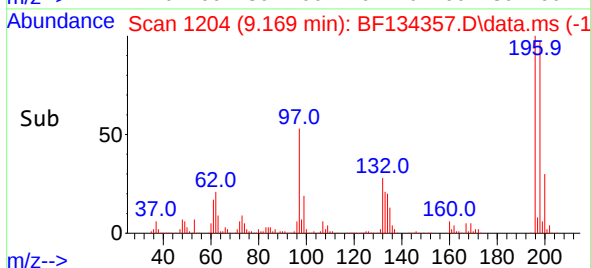
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

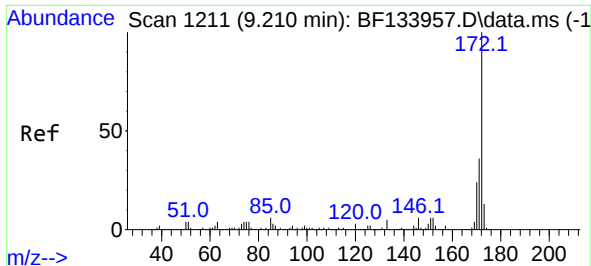


#44
2,4,5-Trichlorophenol
Concen: 37.754 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:196 Resp: 132150
Ion Ratio Lower Upper
196 100
198 97.2 75.7 113.5
97 52.6 45.8 68.6
132 28.2 26.2 39.4





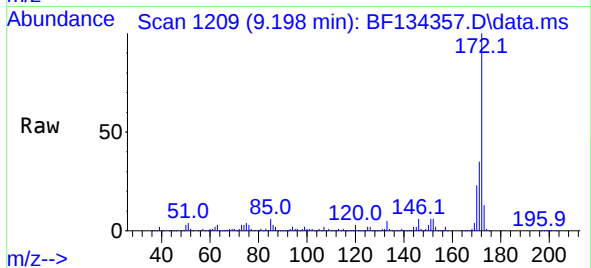
#45
2-Fluorobiphenyl
Concen: 83.826 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

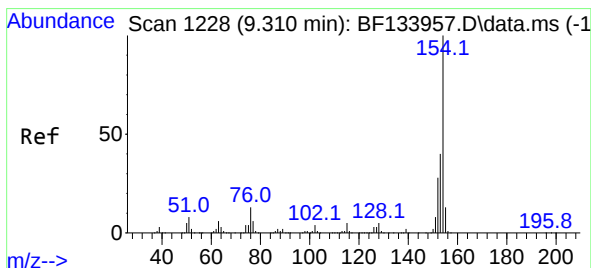
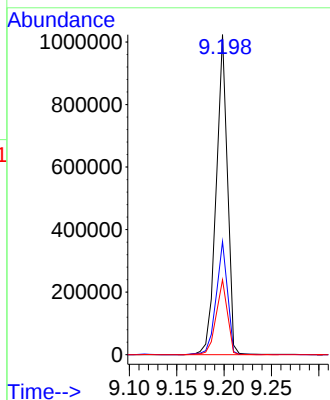
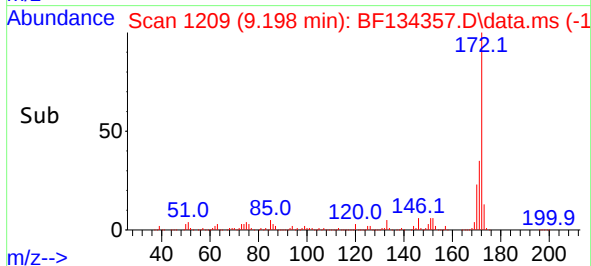


Tgt Ion:172 Resp: 850710
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 19.4 29.0

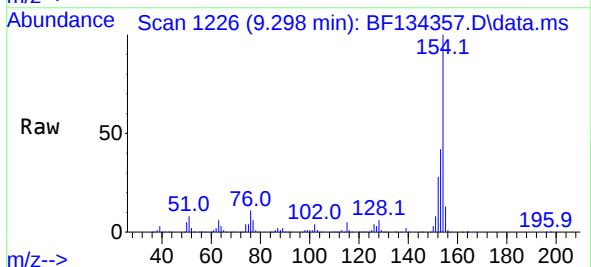
Manual Integrations

APPROVED

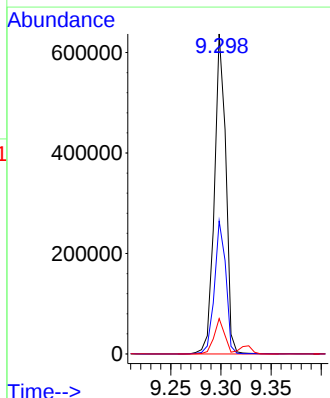
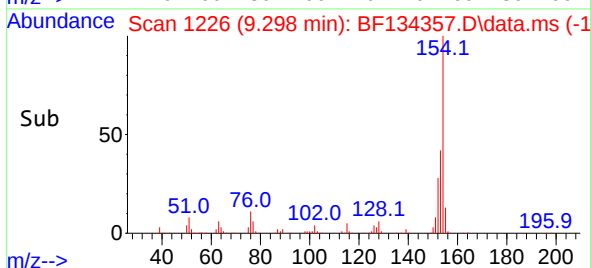
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

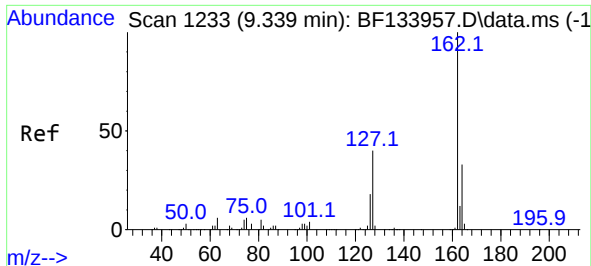


#46
1,1'-Biphenyl
Concen: 42.536 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:154 Resp: 503444
Ion Ratio Lower Upper
154 100
153 41.5 19.8 59.8
76 11.1 0.0 32.9





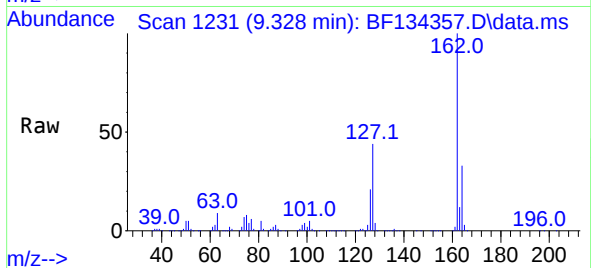
#47
2-Chloronaphthalene
Concen: 42.894 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

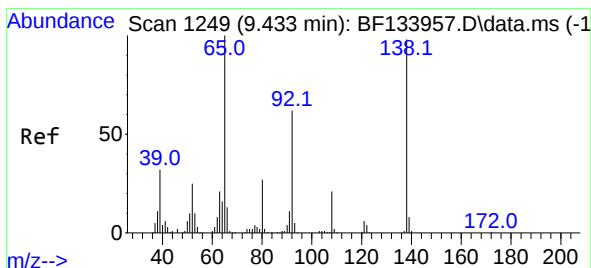
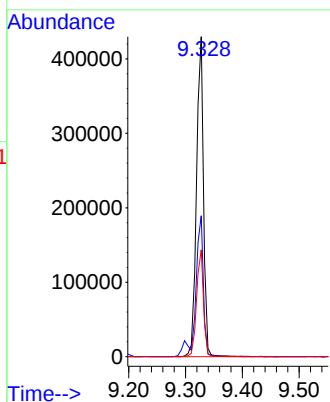
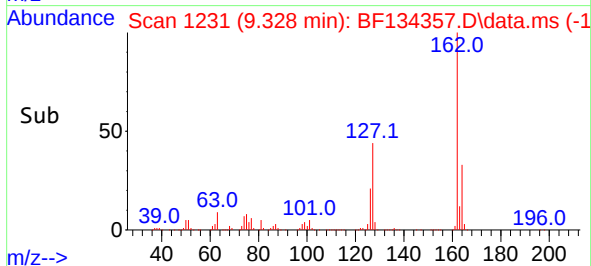


Tgt Ion:162 Resp: 371458
Ion Ratio Lower Upper
162 100
127 44.1 32.9 49.3
164 33.4 26.1 39.1

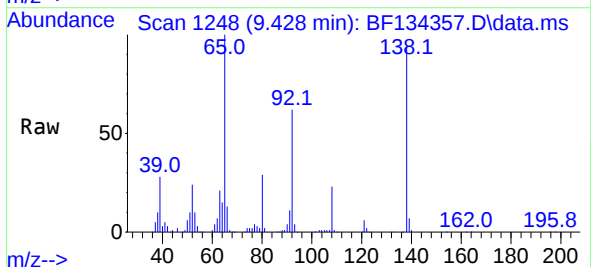
Manual Integrations

APPROVED

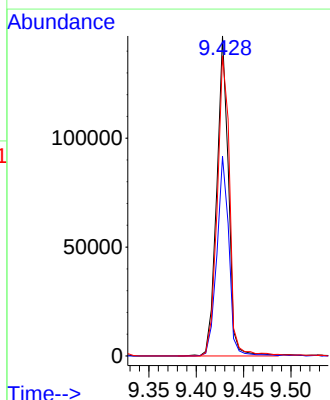
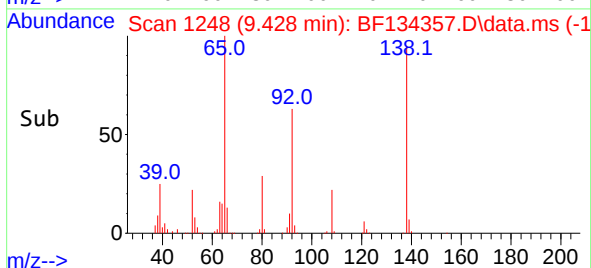
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

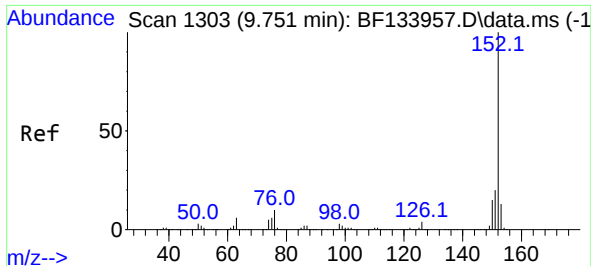


#48
2-Nitroaniline
Concen: 40.083 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion: 65 Resp: 126504
Ion Ratio Lower Upper
65 100
92 62.3 49.5 74.3
138 93.8 78.0 117.0





#49

Acenaphthylene

Concen: 40.328 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134357.D

Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

Tgt Ion:152 Resp: 596580

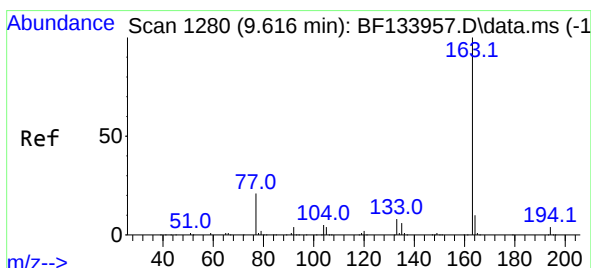
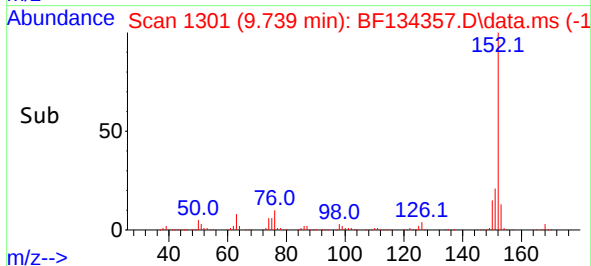
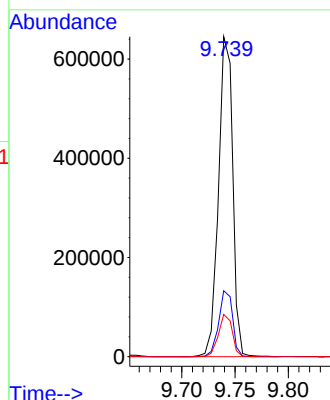
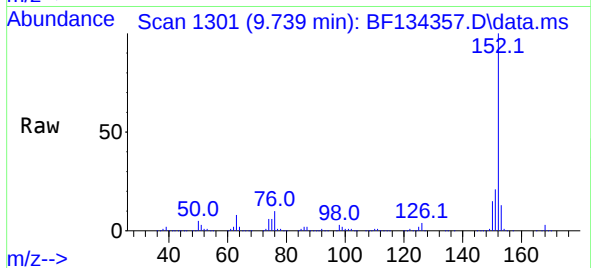
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#50

Dimethylphthalate

Concen: 41.097 ng

RT: 9.604 min Scan# 1278

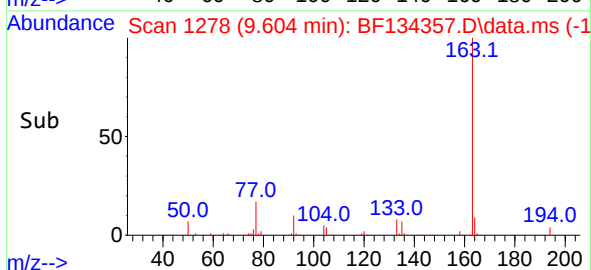
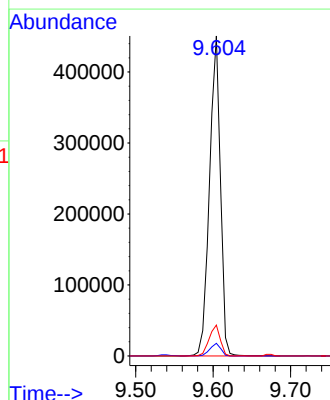
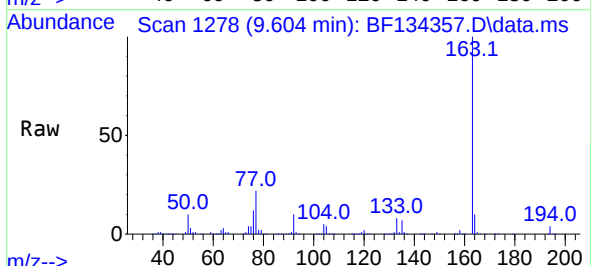
Delta R.T. 0.000 min

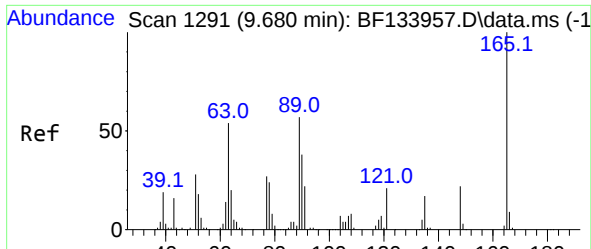
Lab File: BF134357.D

Acq: 19 Jul 2023 14:07

Tgt Ion:163 Resp: 440172

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.7	8.2	12.2





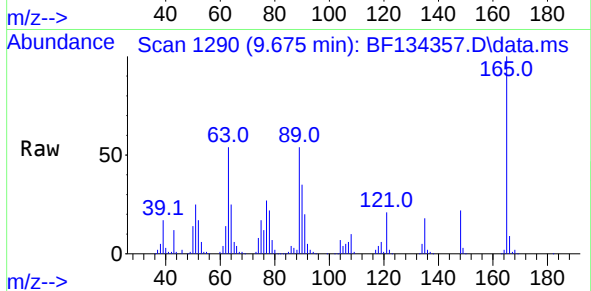
#51
2,6-Dinitrotoluene
Concen: 42.111 ng
RT: 9.675 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

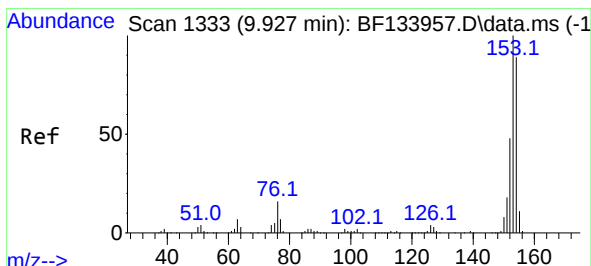
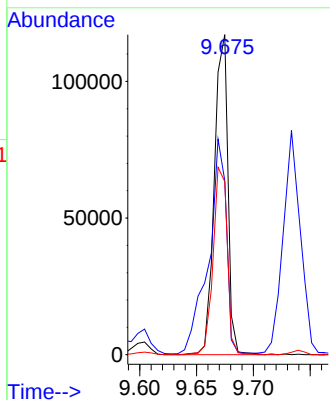
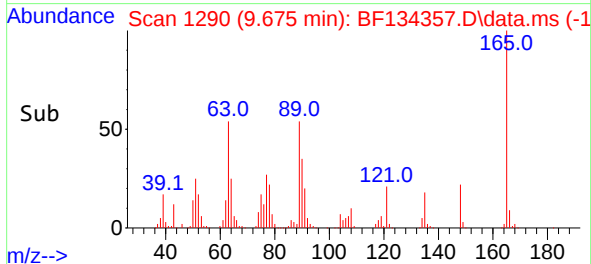


Tgt Ion:165 Resp: 97145
Ion Ratio Lower Upper
165 100
63 54.4 48.5 72.7
89 54.1 45.5 68.3

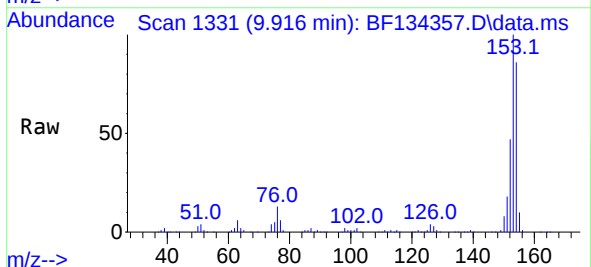
Manual Integrations

APPROVED

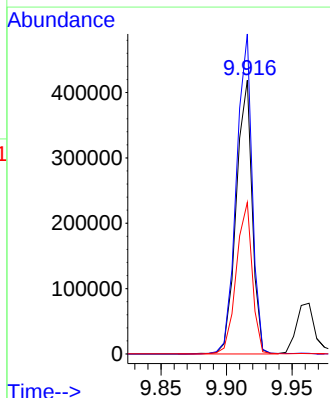
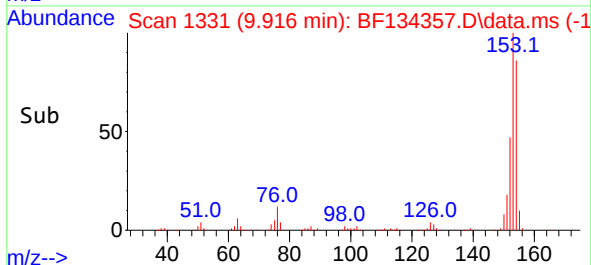
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

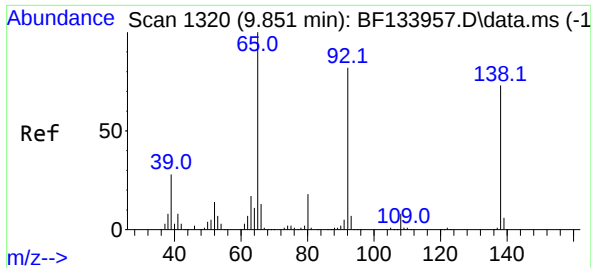


#52
Acenaphthene
Concen: 41.478 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:154 Resp: 356039
Ion Ratio Lower Upper
154 100
153 116.9 89.4 134.2
152 55.3 42.8 64.2





#53
3-Nitroaniline
Concen: 24.103 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

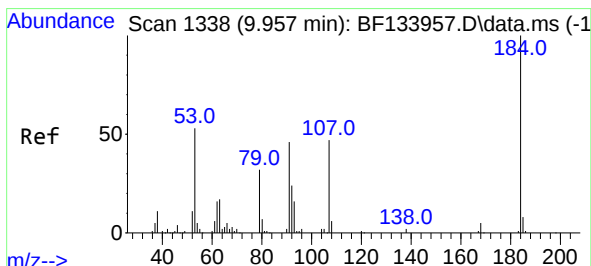
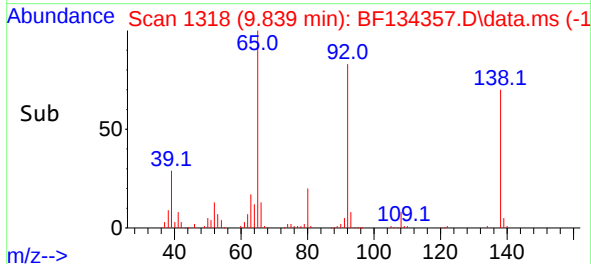
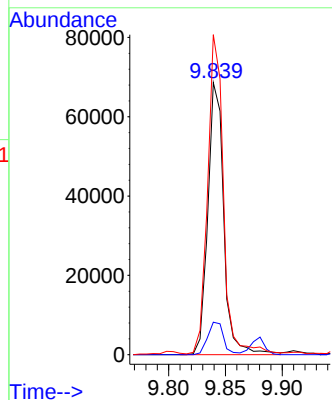
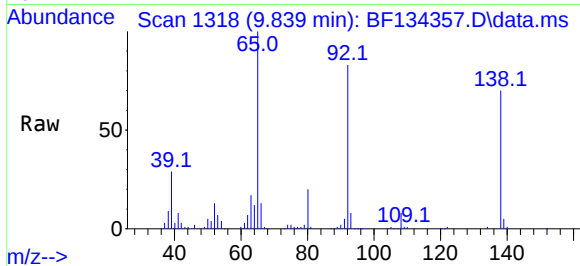
ClientSampleId :

PB154258BS

Tgt Ion:138 Resp: 66700
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 117.6 90.1 135.1

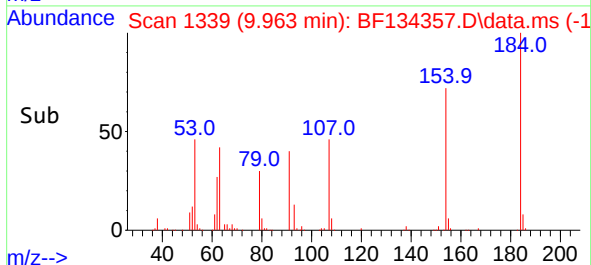
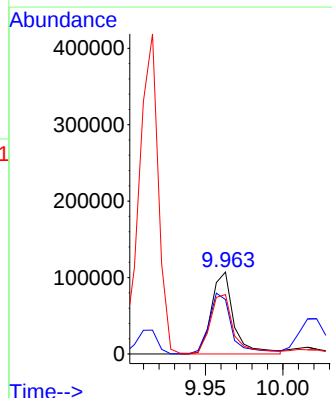
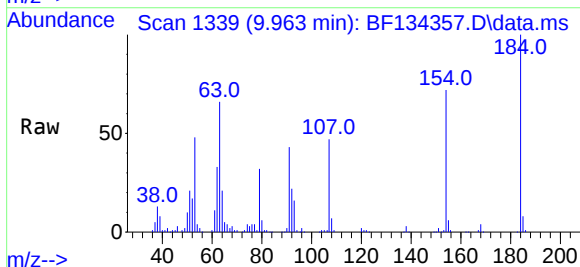
Manual Integrations
APPROVED

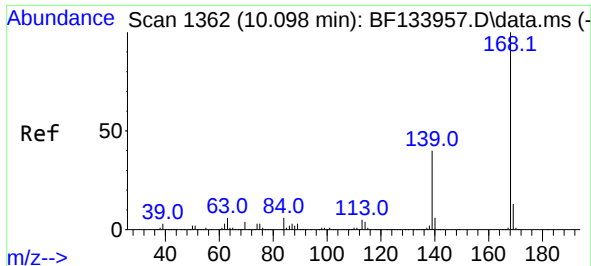
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#54
2,4-Dinitrophenol
Concen: 80.448 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

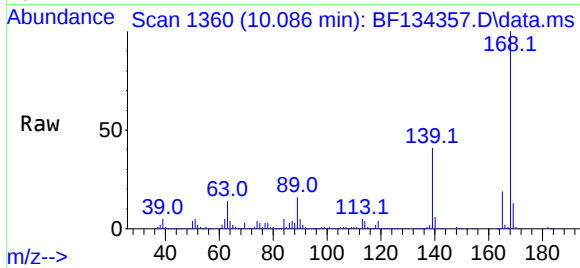
Tgt Ion:184 Resp: 107206
Ion Ratio Lower Upper
184 100
63 66.4 56.9 85.3
154 72.4 55.4 83.0





#55
Dibenzenofuran
Concen: 40.837 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

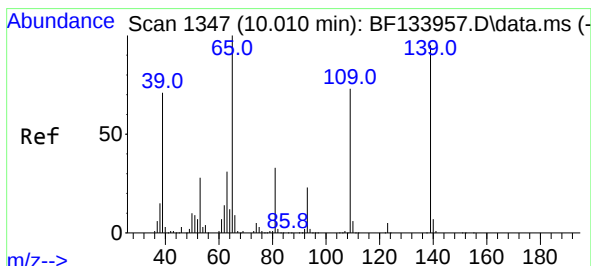
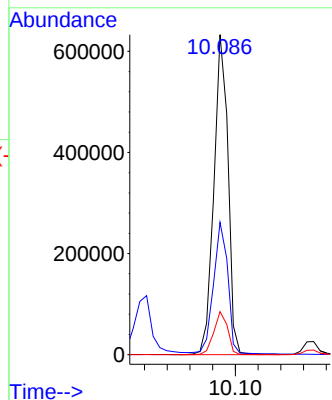
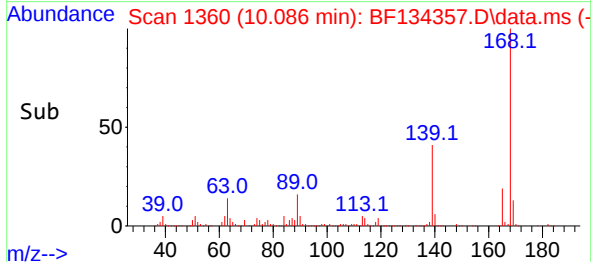
Instrument :
BNA_F
ClientSampleId :
PB154258BS



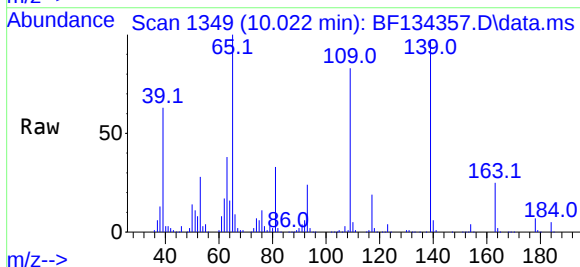
Tgt Ion:168 Resp: 547834
Ion Ratio Lower Upper
168 100
139 41.4 32.0 48.0
169 13.5 10.6 16.0

Manual Integrations
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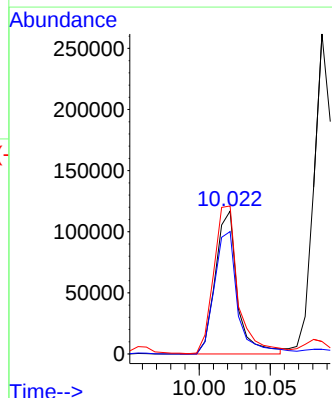
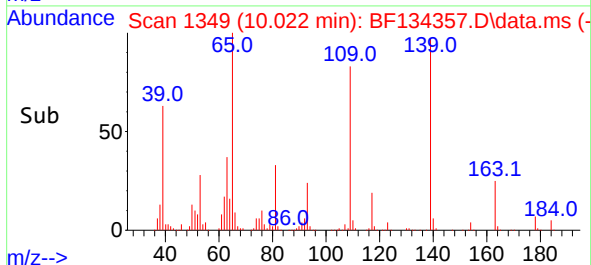
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

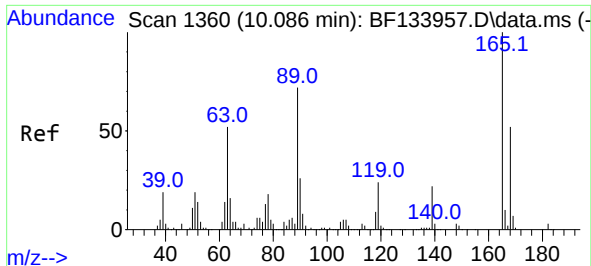


#56
4-Nitrophenol
Concen: 65.250 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:139 Resp: 126313
Ion Ratio Lower Upper
139 100
109 85.7 56.8 96.8
65 103.5 86.1 126.1





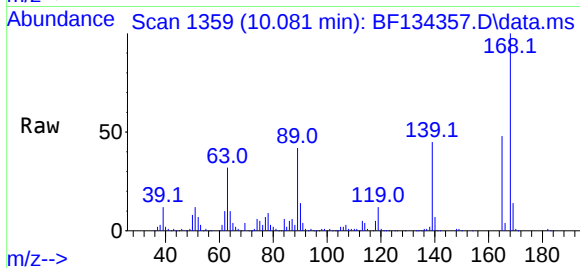
#57
2,4-Dinitrotoluene
Concen: 42.909 ng
RT: 10.081 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

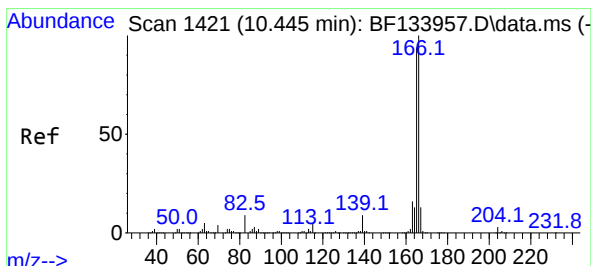
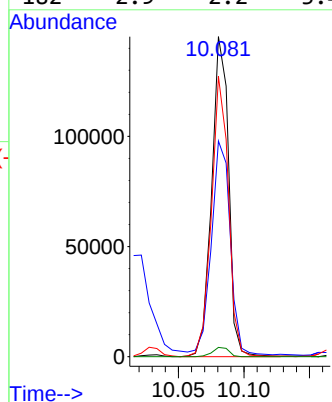
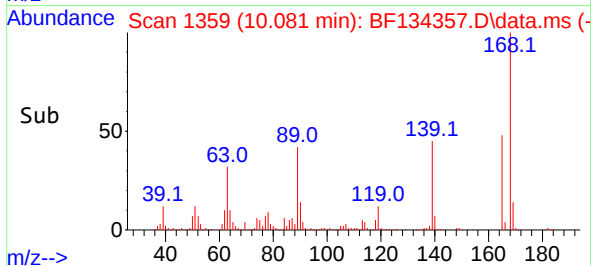


Tgt Ion:165 Resp: 13072
Ion Ratio Lower Upper
165 100
63 67.4 42.2 63.2
89 87.6 57.4 86.2
182 2.9 2.2 3.4

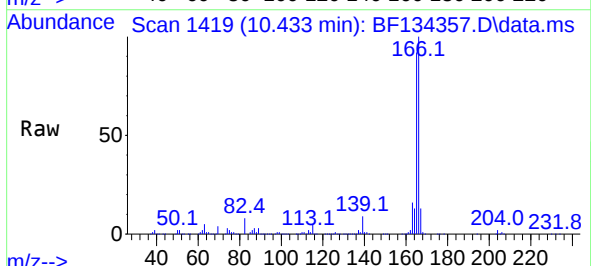
Manual Integrations

APPROVED

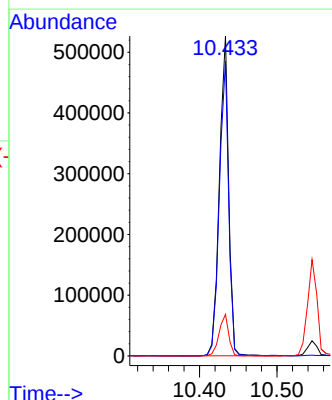
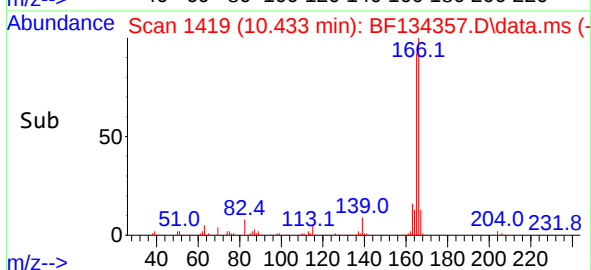
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

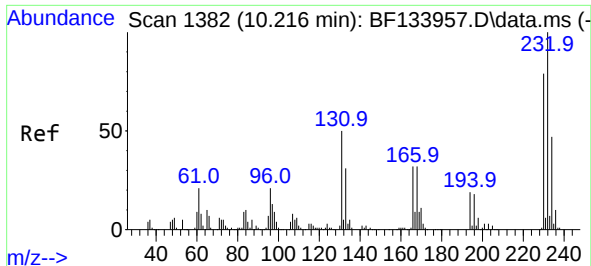


#58
Fluorene
Concen: 42.079 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



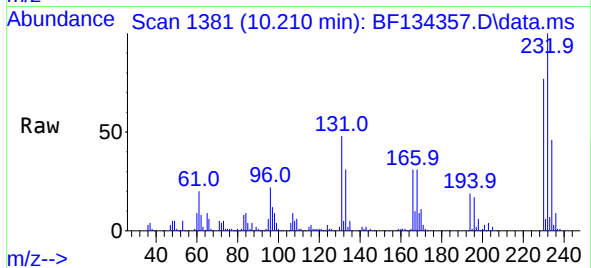
Tgt Ion:166 Resp: 439165
Ion Ratio Lower Upper
166 100
165 92.0 75.0 112.4
167 13.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.023 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

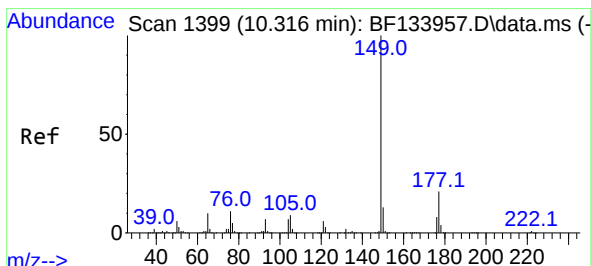
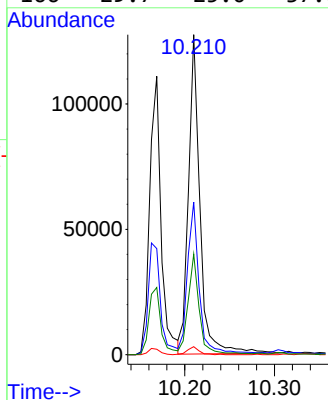
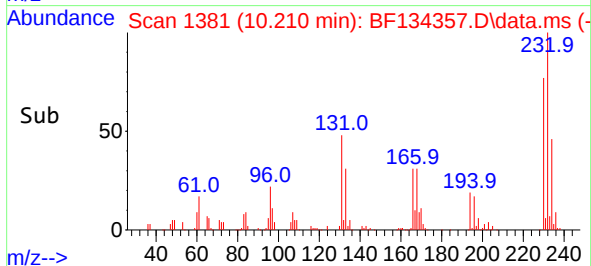
Instrument :
BNA_F
ClientSampleId :
PB154258BS



Tgt Ion:232 Resp: 113260
Ion Ratio Lower Upper
232 100
131 48.9 39.3 58.9
130 2.6 1.8 2.6
166 29.7 25.0 37.6

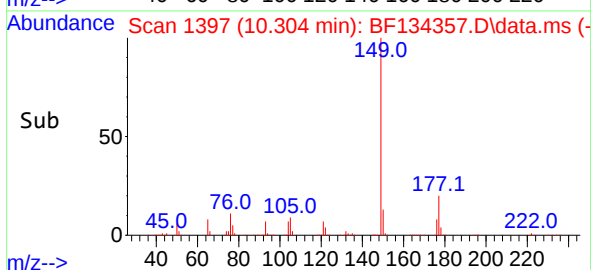
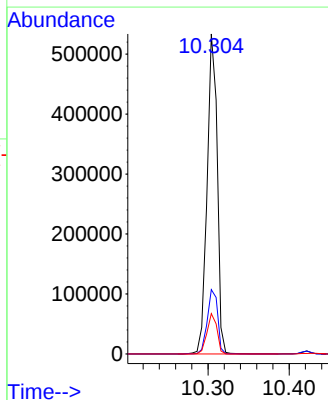
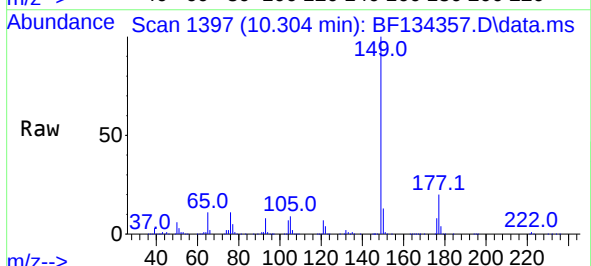
Manual Integrations
APPROVED

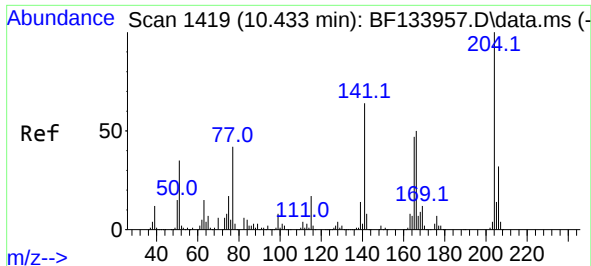
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#60
Diethylphthalate
Concen: 41.200 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

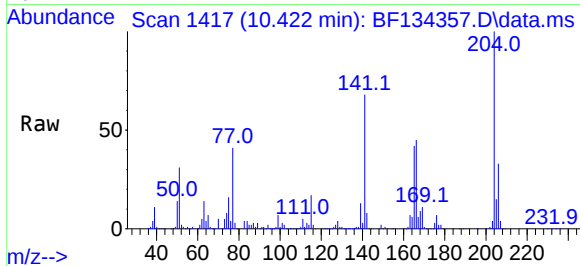
Tgt Ion:149 Resp: 459742
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.983 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

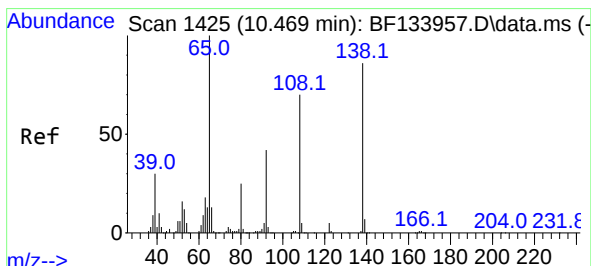
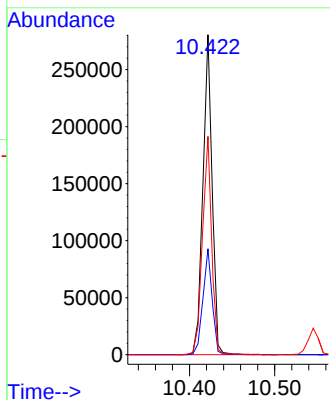
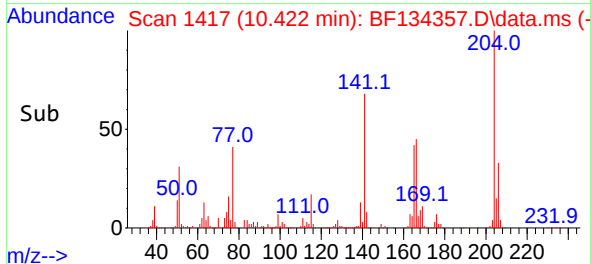
Instrument :
BNA_F
ClientSampleId :
PB154258BS



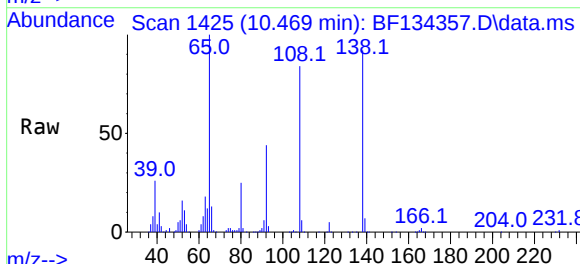
Tgt Ion:204 Resp: 211162
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 68.2 51.5 77.3

Manual Integrations
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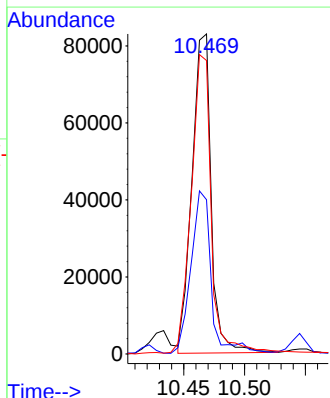
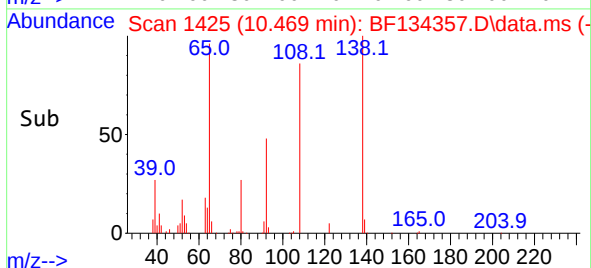
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

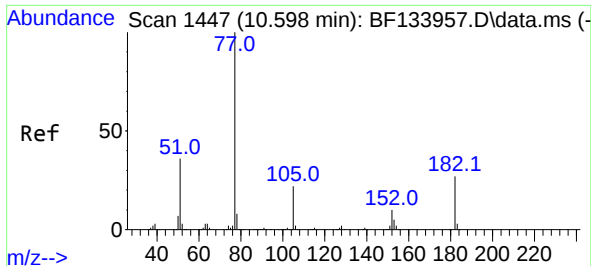


#62
4-Nitroaniline
Concen: 32.642 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:138 Resp: 91041
Ion Ratio Lower Upper
138 100
92 48.2 29.7 69.7
108 91.7 62.1 102.1





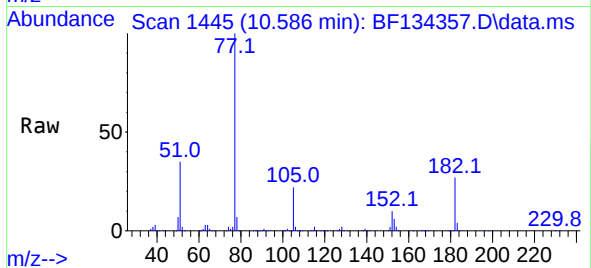
#63
Azobenzene
Concen: 38.885 ng
RT: 10.586 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

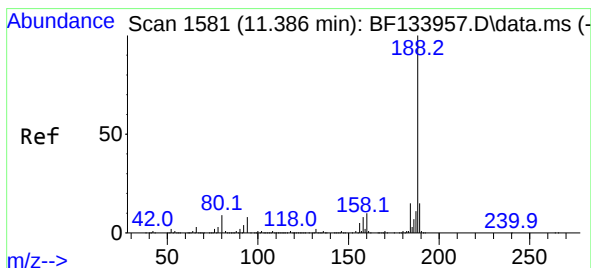
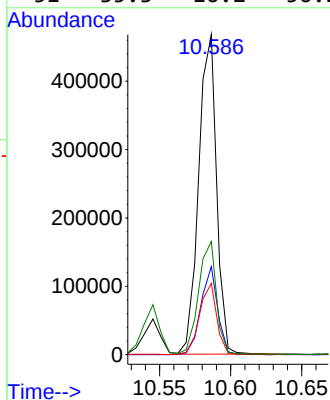
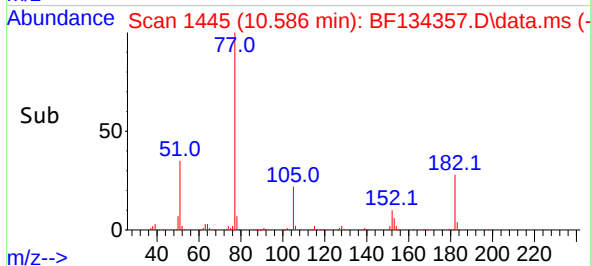


Tgt Ion: 77 Resp: 410439
Ion Ratio Lower Upper
77 100
182 27.5 6.8 46.8
105 22.3 2.3 42.3
51 35.3 16.2 56.2

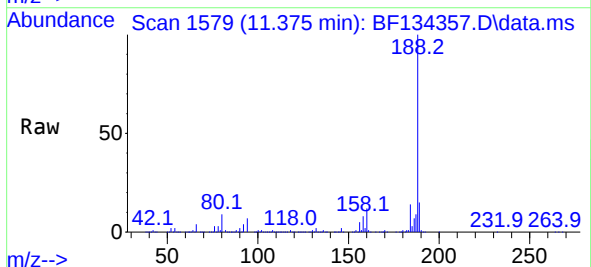
Manual Integrations

APPROVED

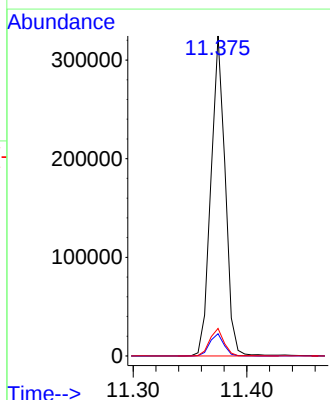
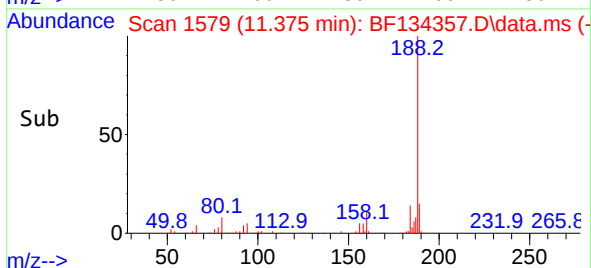
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

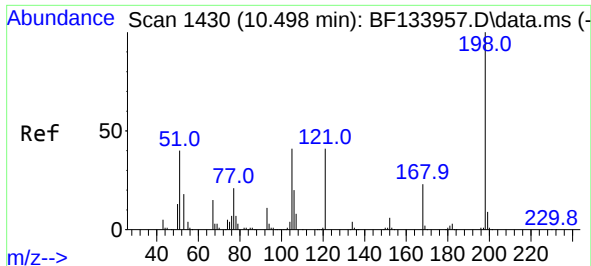


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:188 Resp: 283533
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 8.6 7.3 10.9





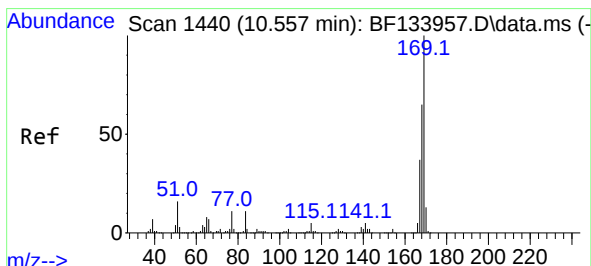
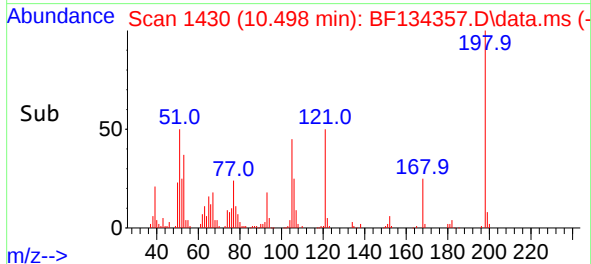
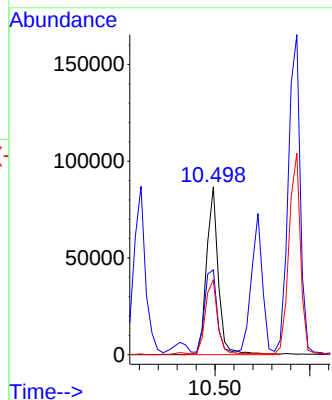
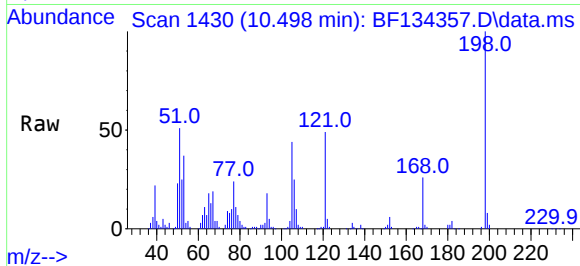
#65
4,6-Dinitro-2-methylphenol
Concen: 48.002 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :
BNA_F
ClientSampleId :
PB154258BS

Tgt Ion:198 Resp: 7420
Ion Ratio Lower Upper
198 100
51 50.6 29.3 69.3
105 44.4 22.4 62.4

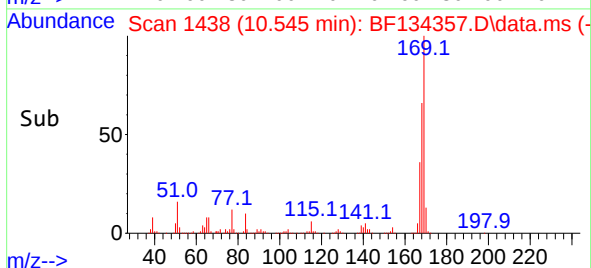
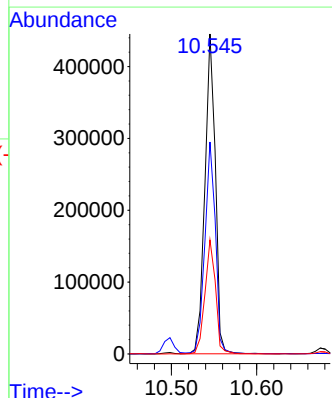
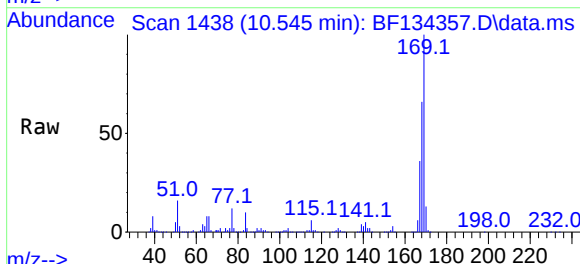
Manual Integrations
APPROVED

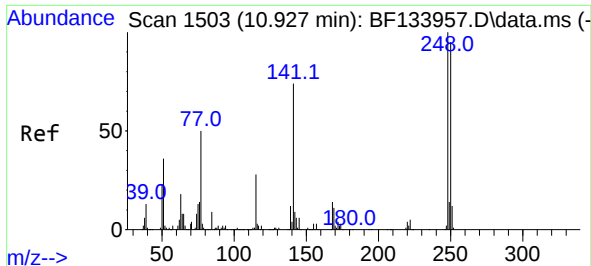
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#66
n-Nitrosodiphenylamine
Concen: 41.840 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

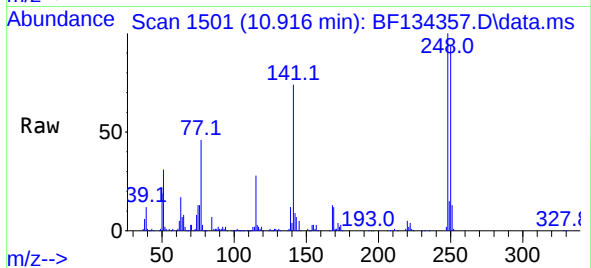
Tgt Ion:169 Resp: 379025
Ion Ratio Lower Upper
169 100
168 66.3 52.3 78.5
167 35.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.668 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

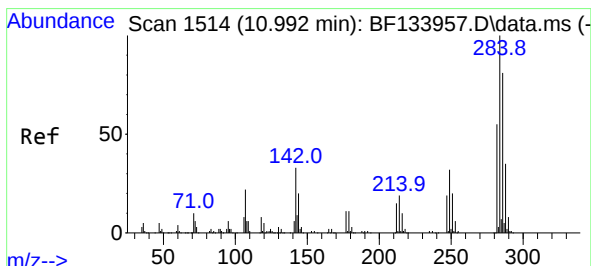
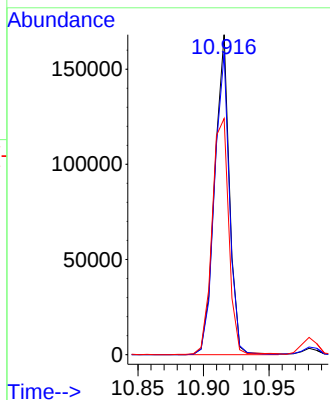
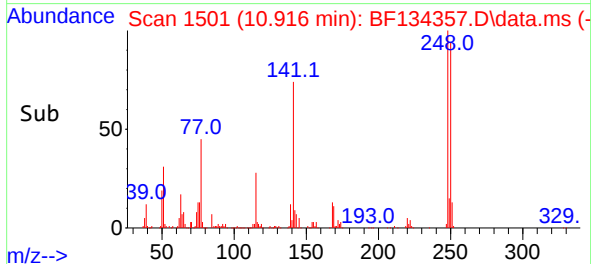
Instrument :
BNA_F
ClientSampleId :
PB154258BS



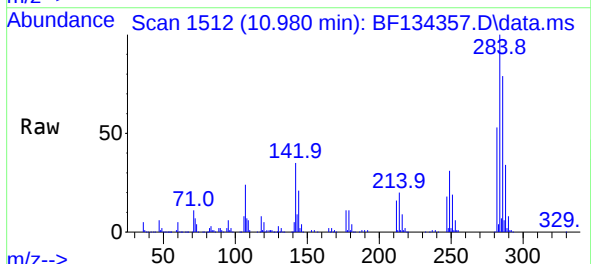
Tgt Ion:248 Resp: 131598
Ion Ratio Lower Upper
248 100
250 94.0 76.2 114.4
141 73.8 59.0 88.4

Manual Integrations
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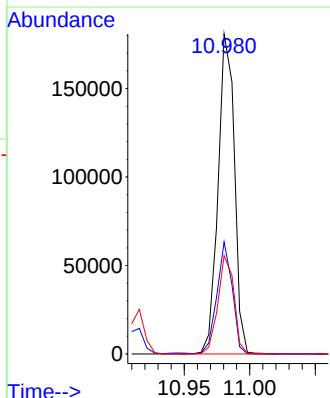
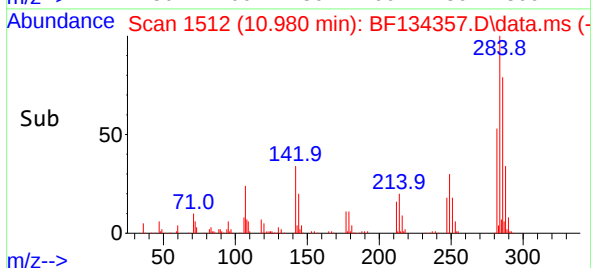
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

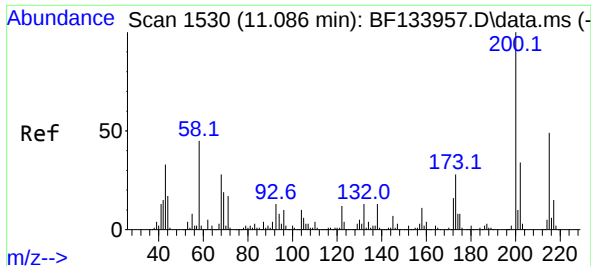


#68
Hexachlorobenzene
Concen: 48.907 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



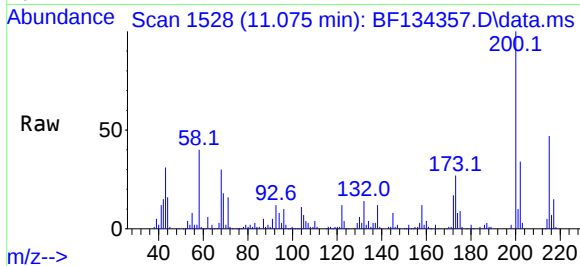
Tgt Ion:284 Resp: 156491
Ion Ratio Lower Upper
284 100
142 35.0 26.6 40.0
249 30.7 25.5 38.3





#69
Atrazine
Concen: 29.138 ng
RT: 11.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

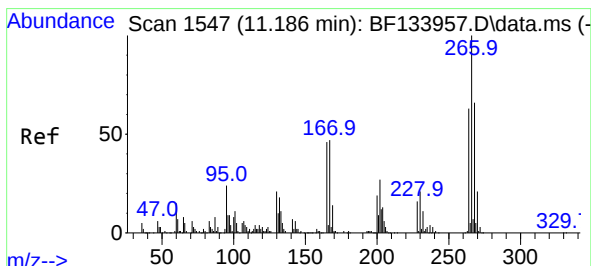
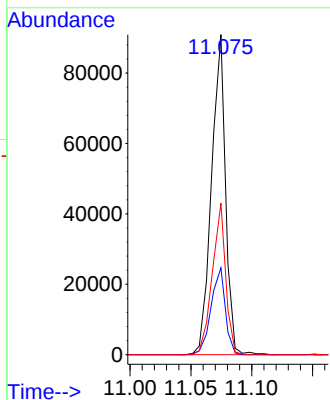
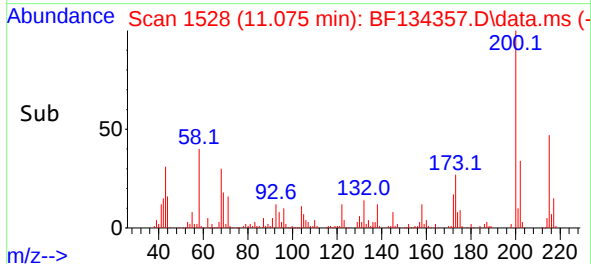
Instrument :
BNA_F
ClientSampleId :
PB154258BS



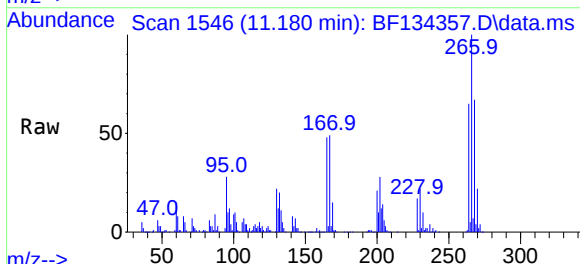
Tgt Ion:200 Resp: 73014
Ion Ratio Lower Upper
200 100
173 27.2 8.0 48.0
215 47.3 29.3 69.3

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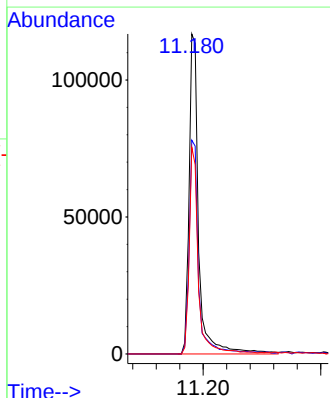
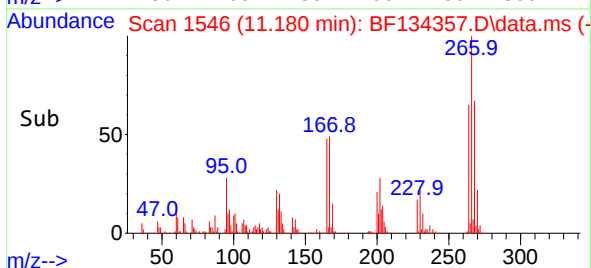
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

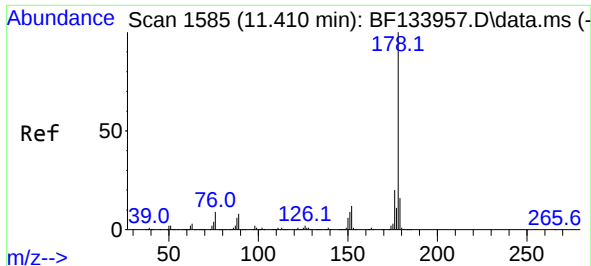


#70
Pentachlorophenol
Concen: 69.002 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



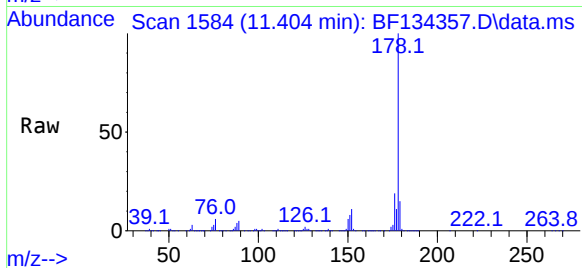
Tgt Ion:266 Resp: 132014
Ion Ratio Lower Upper
266 100
268 66.8 52.6 79.0
264 64.6 50.6 76.0





#71
Phenanthrene
Concen: 43.174 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

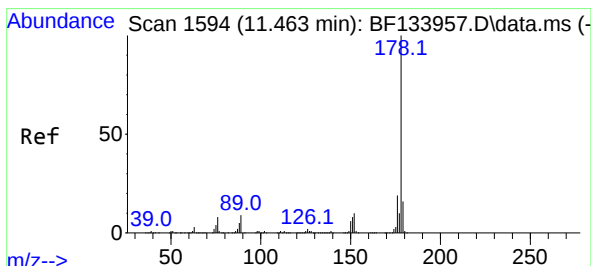
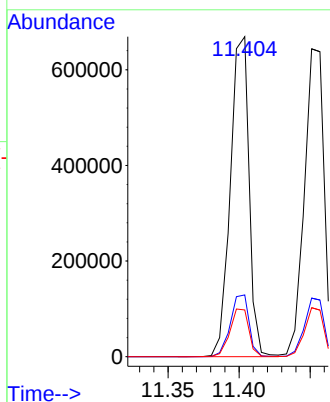
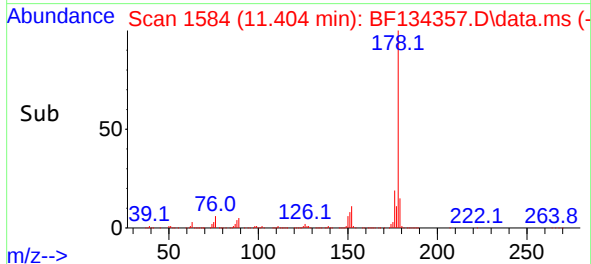
Instrument :
BNA_F
ClientSampleId :
PB154258BS



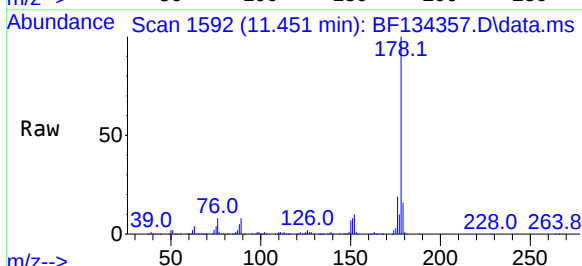
Tgt Ion:178 Resp: 616245
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 14.6 12.4 18.6

Manual Integrations
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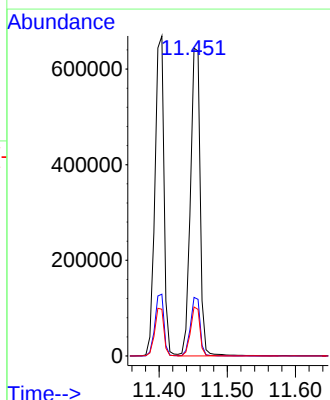
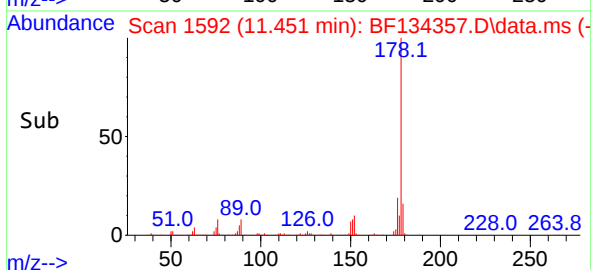
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

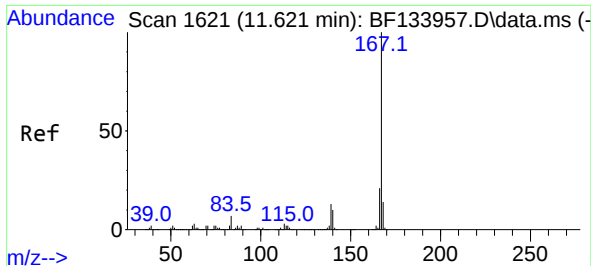


#72
Anthracene
Concen: 42.459 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



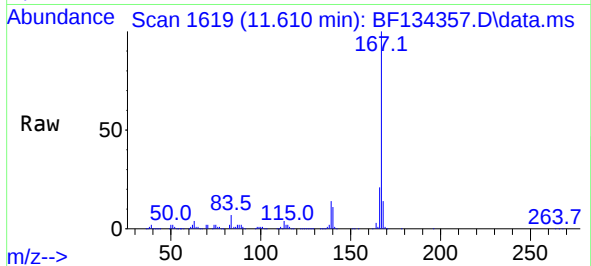
Tgt Ion:178 Resp: 630358
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 44.337 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF134357.D
 Acq: 19 Jul 2023 14:07

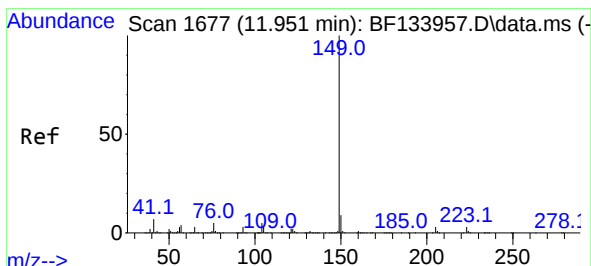
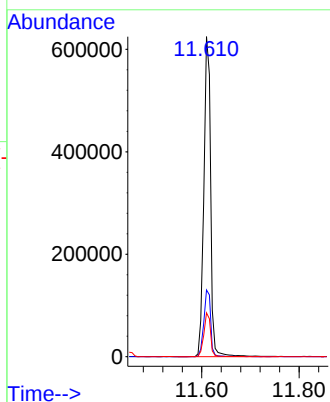
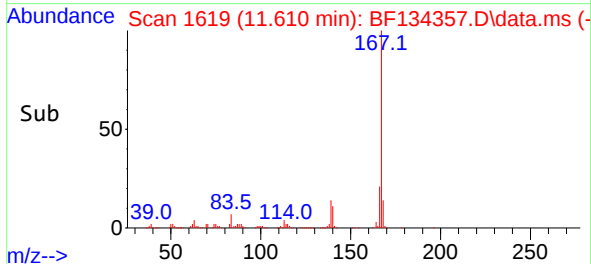
Instrument :
 BNA_F
 ClientSampleId :
 PB154258BS



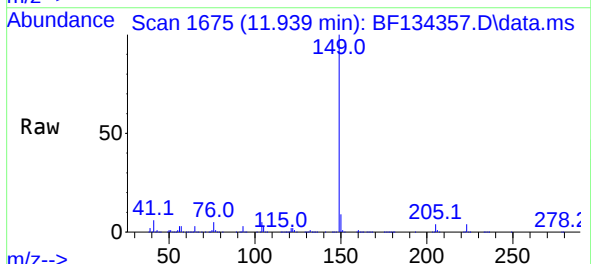
Tgt Ion:167 Resp: 602480
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 13.7 10.4 15.6

Manual Integrations
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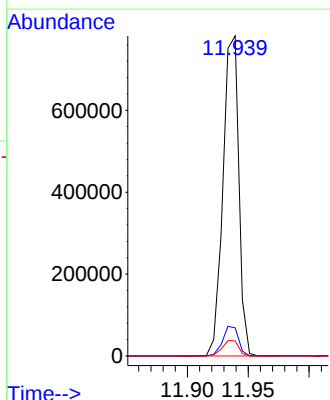
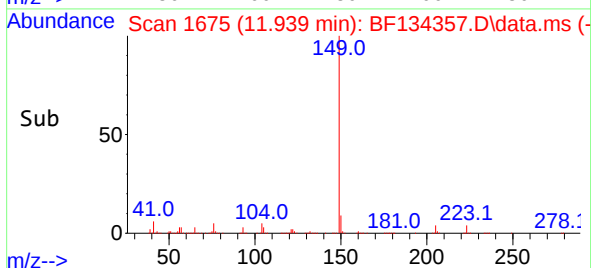
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

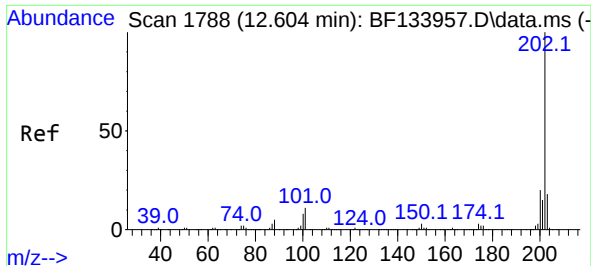


#74
 Di-n-butylphthalate
 Concen: 43.909 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. 0.000 min
 Lab File: BF134357.D
 Acq: 19 Jul 2023 14:07



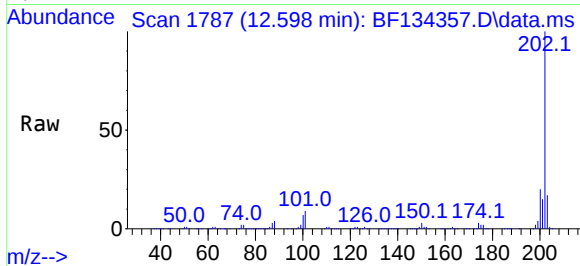
Tgt Ion:149 Resp: 709552
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.1 10.7
 104 4.7 4.0 6.0





#75
Fluoranthene
Concen: 44.373 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

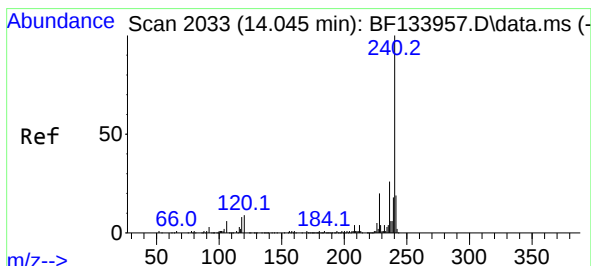
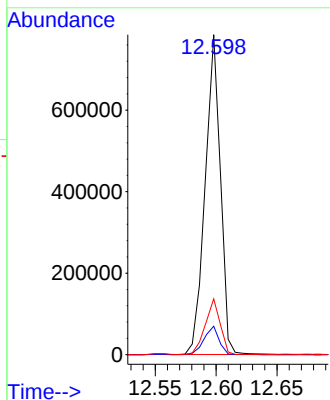
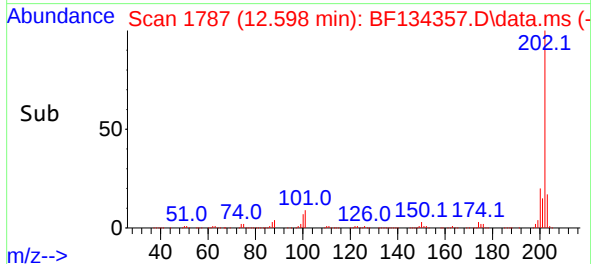
Instrument :
BNA_F
ClientSampleId :
PB154258BS



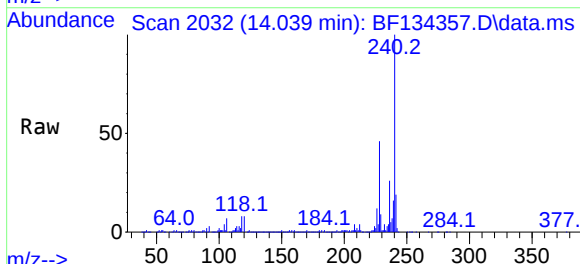
Tgt Ion:202 Resp: 68472
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.0
203 17.5 0.0 37.6

Manual Integrations
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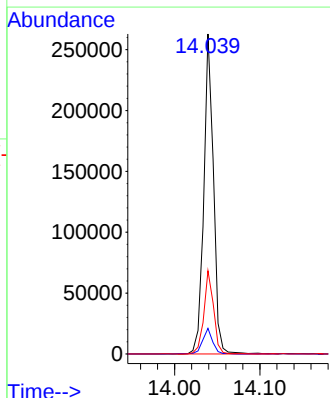
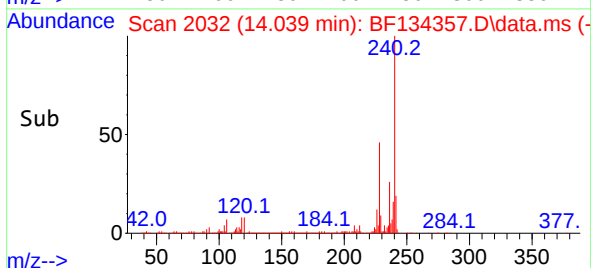
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

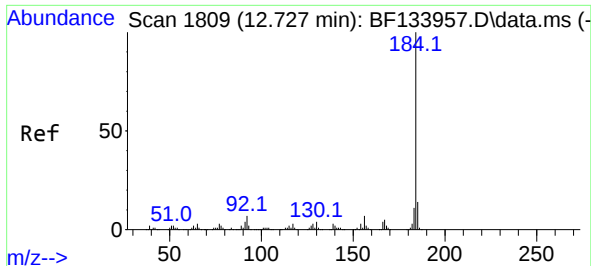


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:240 Resp: 207181
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.0
236 26.0 21.0 31.6





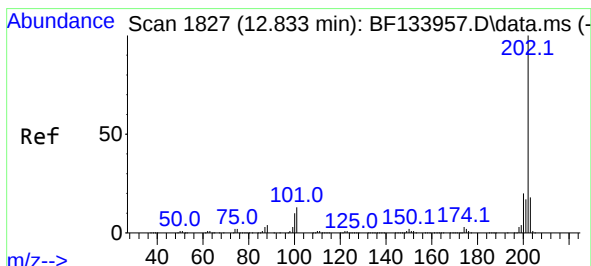
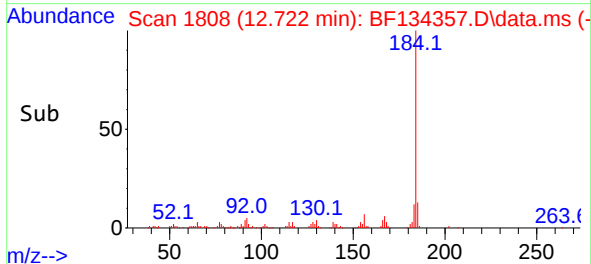
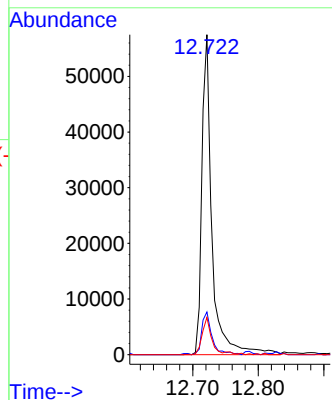
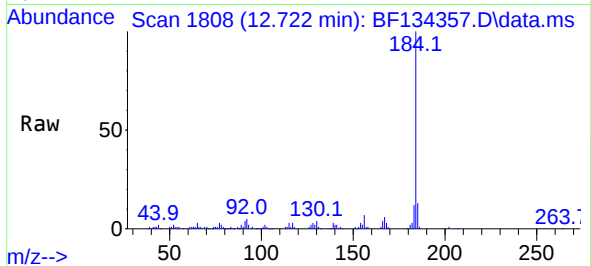
#77
Benzidine
Concen: 12.501 ng
RT: 12.722 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :
BNA_F
ClientSampleId :
PB154258BS

Tgt Ion:184 Resp: 6162
Ion Ratio Lower Upper
184 100
185 13.4 11.6 17.4
183 11.6 8.8 13.2

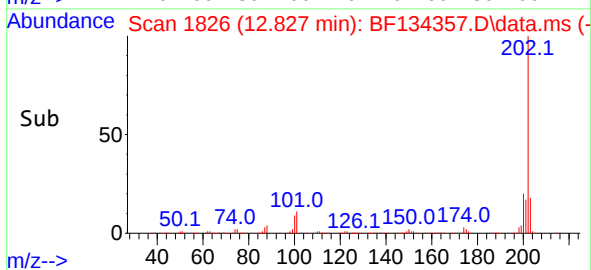
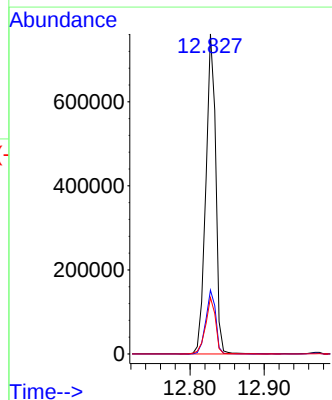
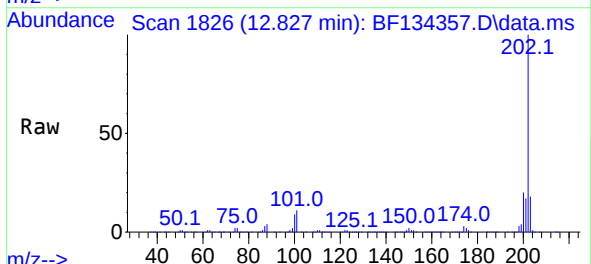
Manual Integrations
APPROVED

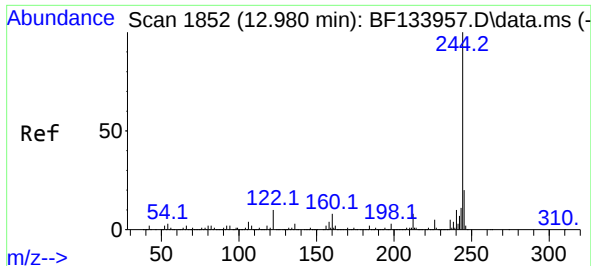
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#78
Pyrene
Concen: 36.659 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:202 Resp: 706828
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.6 14.3 21.5





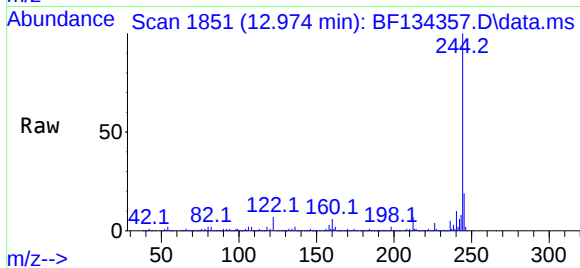
#79
Terphenyl-d14
Concen: 80.056 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS



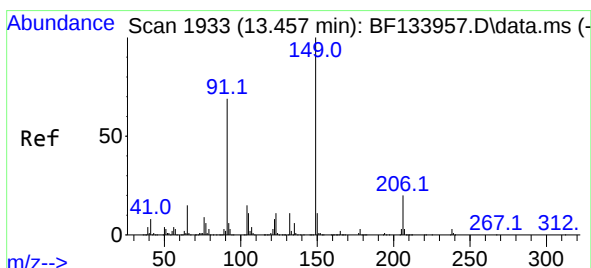
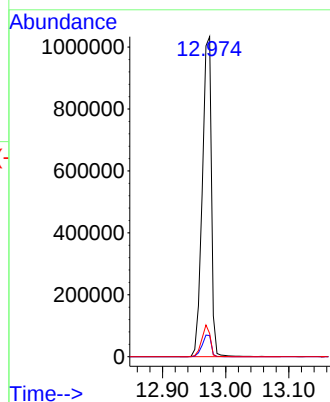
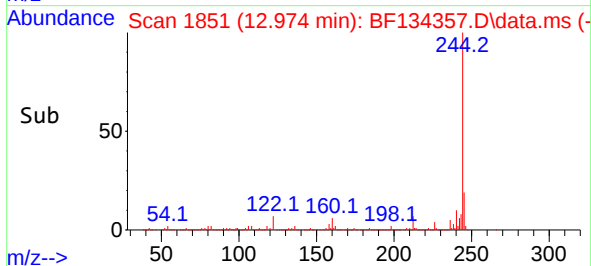
Tgt Ion:244 Resp: 103056
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 7.3 8.3 12.5

Manual Integrations

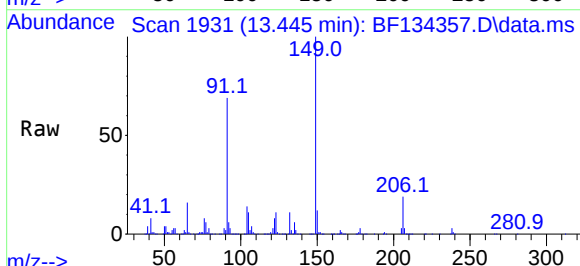
APPROVED

Reviewed By :Yogesh Patel 07/20/2023

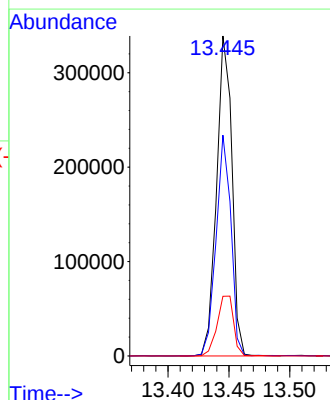
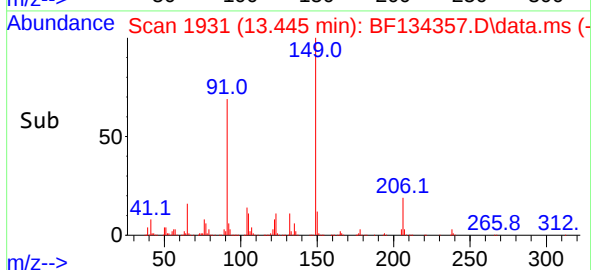
Supervised By :mohammad ahmed 07/20/2023

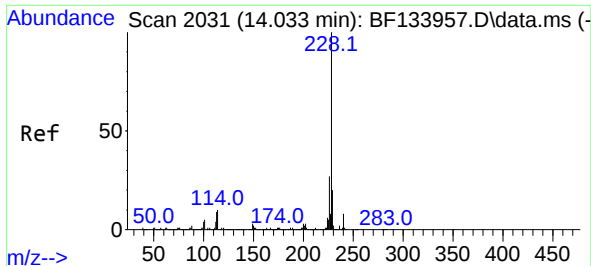


#80
Butylbenzylphthalate
Concen: 41.191 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:149 Resp: 297866
Ion Ratio Lower Upper
149 100
91 69.0 55.1 82.7
206 18.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 42.077 ng
RT: 14.027 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNF_F

ClientSampleId :

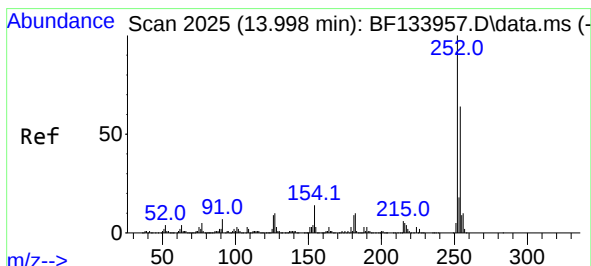
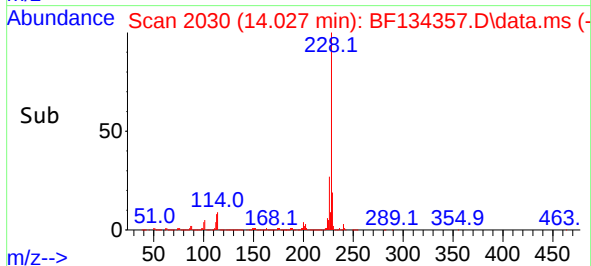
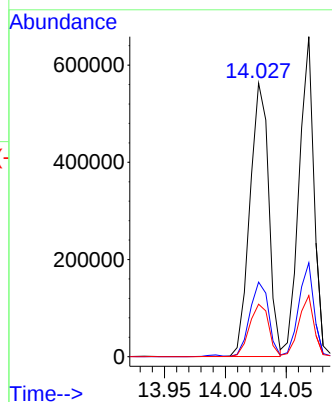
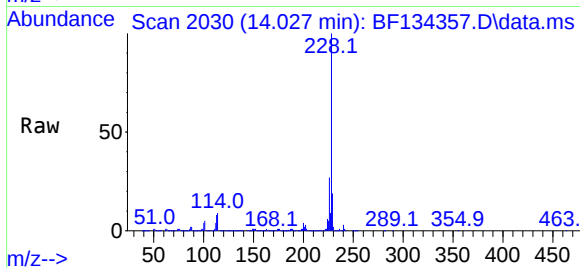
PB154258BS

Tgt Ion:228 Resp: 604579
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.2 16.3 24.5

Manual Integrations

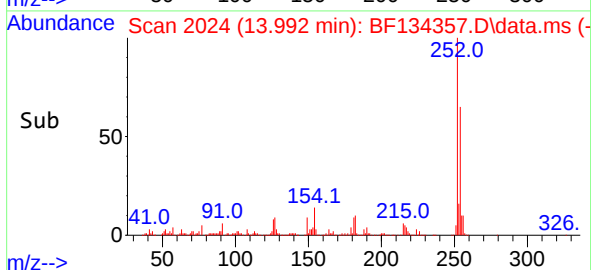
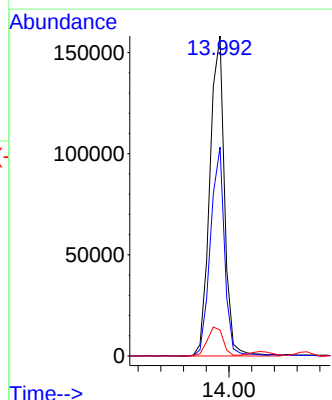
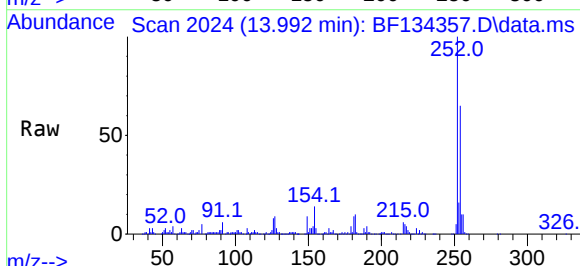
APPROVED

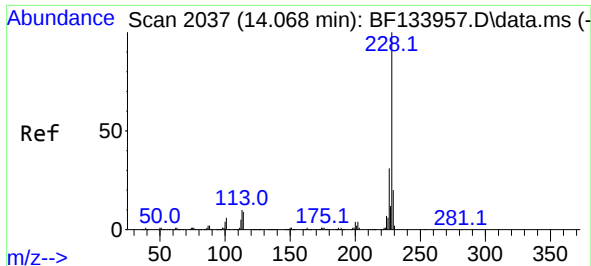
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 31.088 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:252 Resp: 141520
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 8.1 7.4 11.2





#83
Chrysene
Concen: 40.704 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

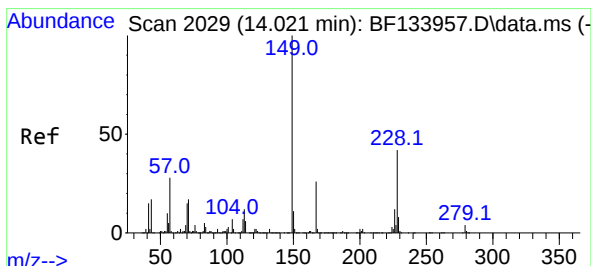
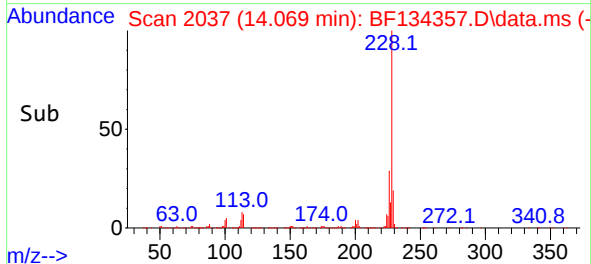
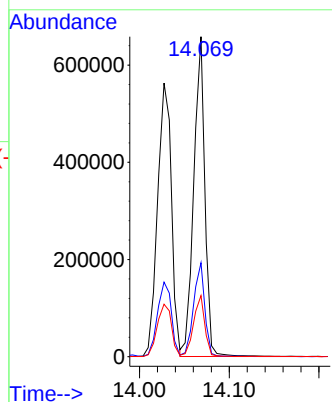
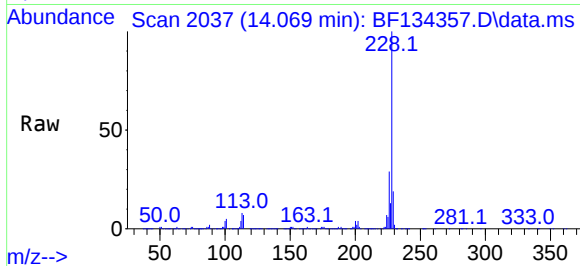
ClientSampleId :

PB154258BS

Tgt Ion:228 Resp: 566463
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 19.1 16.1 24.1

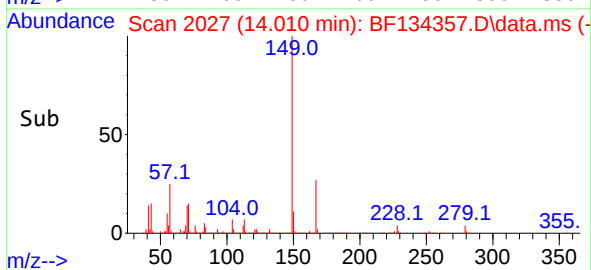
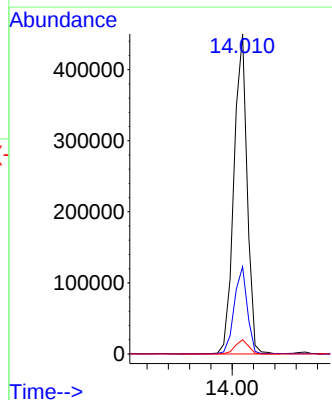
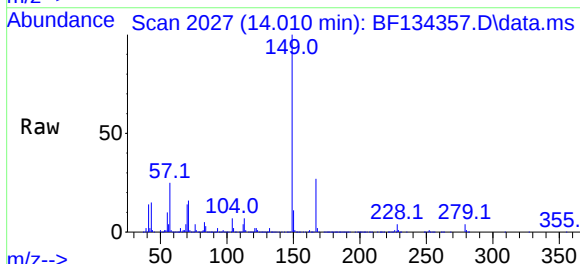
Manual Integrations
APPROVED

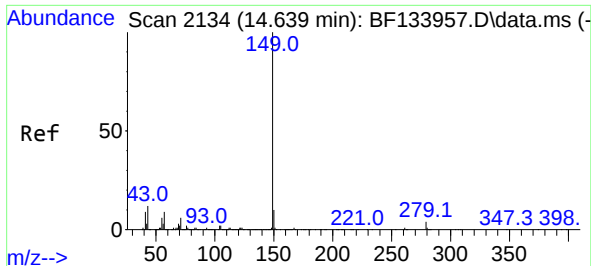
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.855 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:149 Resp: 389324
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 4.5 3.3 4.9





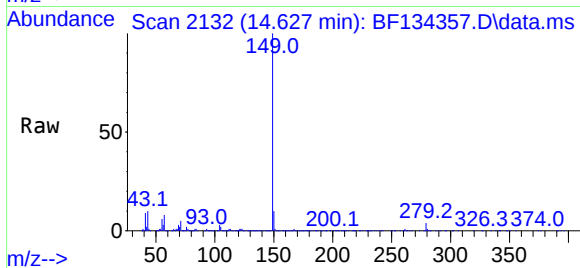
#85
Di-n-octyl phthalate
Concen: 49.324 ng
RT: 14.627 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB154258BS

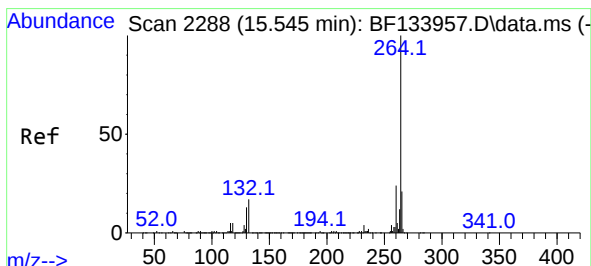
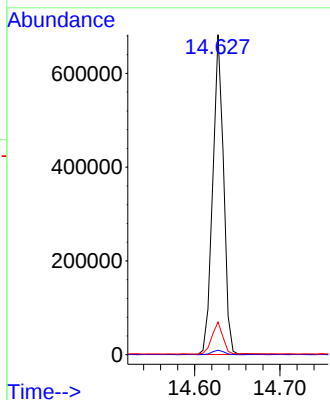
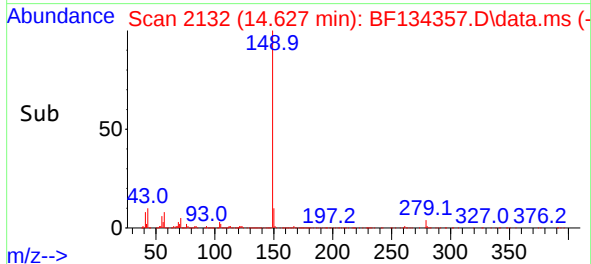


Tgt Ion:149 Resp: 602208
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 9.0 13.4

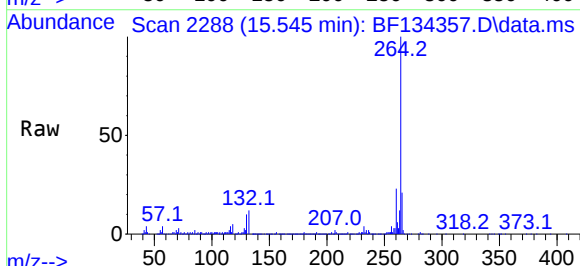
Manual Integrations

APPROVED

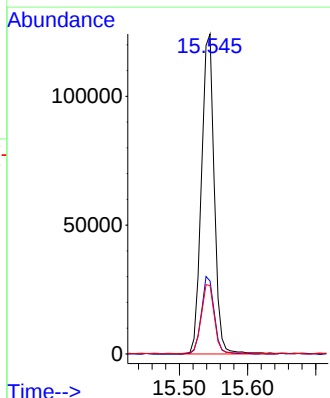
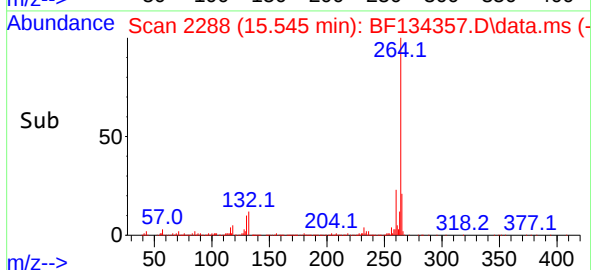
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

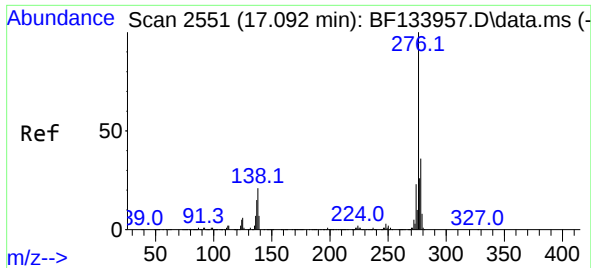


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:264 Resp: 162647
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.627 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

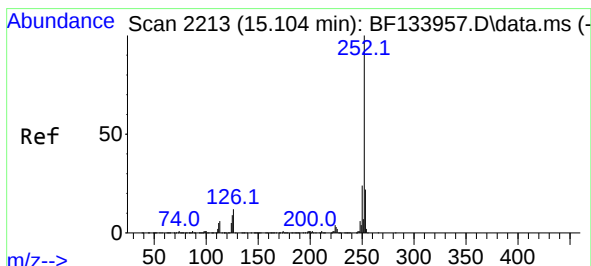
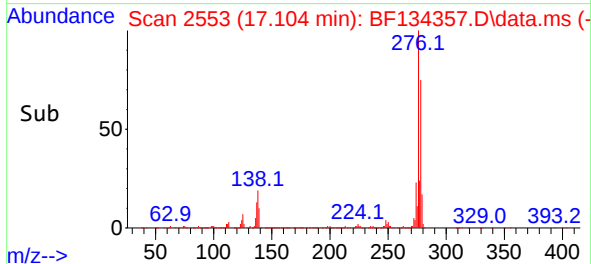
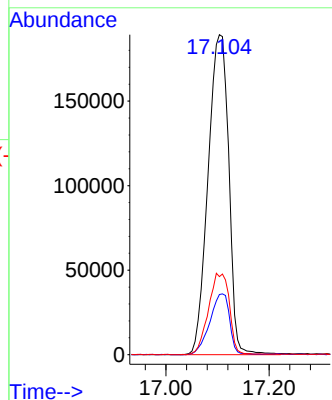
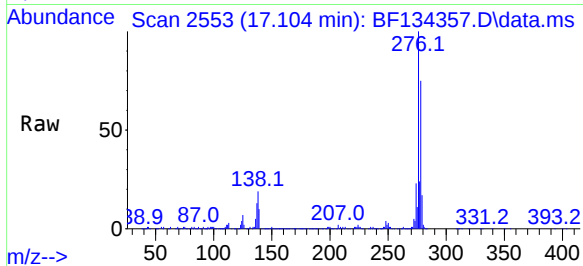
ClientSampleId :

PB154258BS

Tgt Ion:276 Resp: 52623
Ion Ratio Lower Upper
276 100
138 18.3 18.7 28.1
277 25.7 19.9 29.9

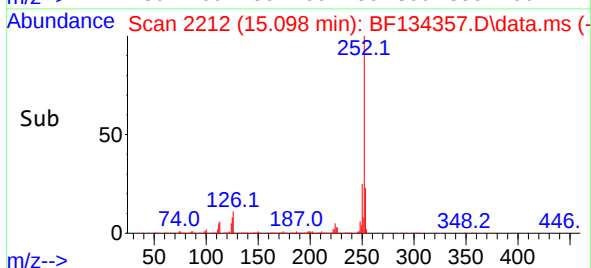
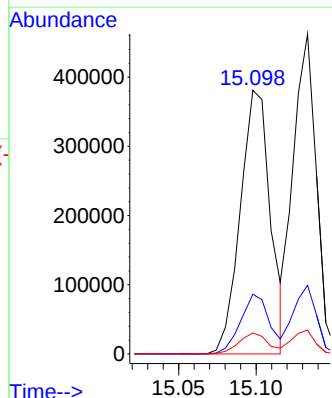
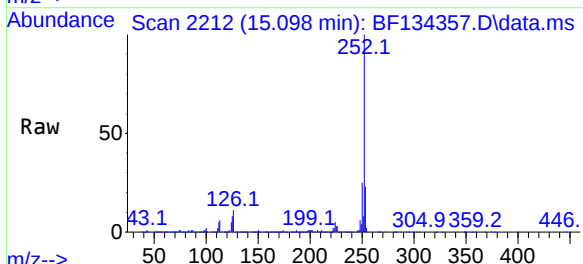
Manual Integrations
APPROVED

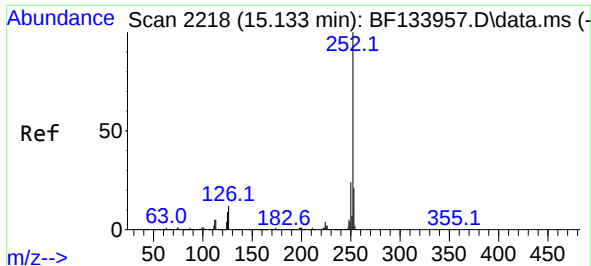
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#88
Benzo(b)fluoranthene
Concen: 53.939 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:252 Resp: 515856
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 8.0 7.1 10.7





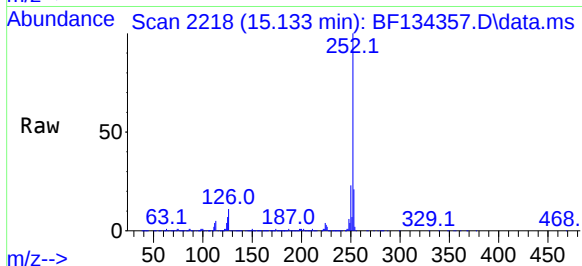
#89
Benzo(k)fluoranthene
Concen: 49.251 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNF_F

ClientSampleId :

PB154258BS

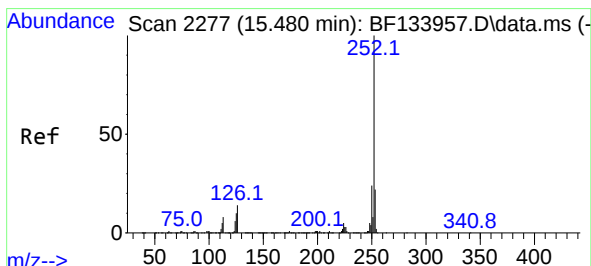
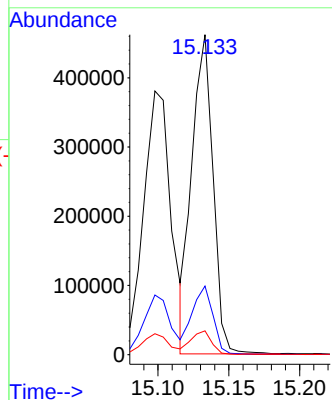
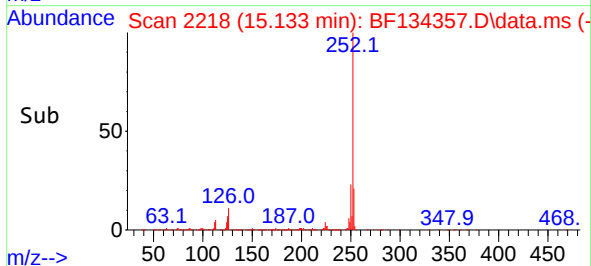


Tgt Ion:252 Resp: 47957
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 7.4 7.4 11.2

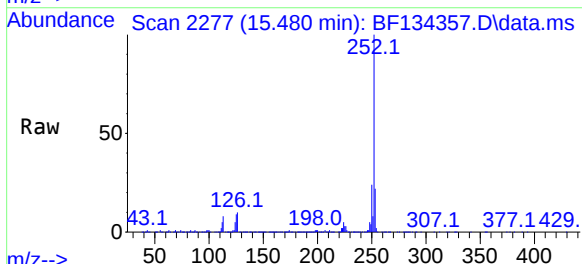
Manual Integrations

APPROVED

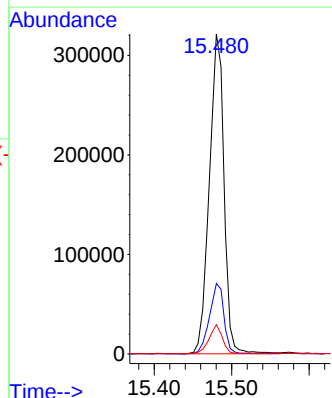
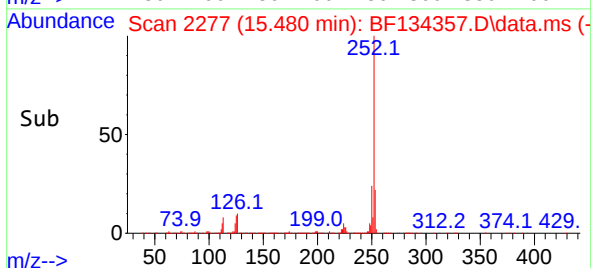
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

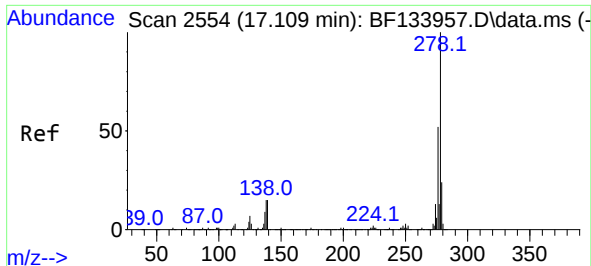


#90
Benzo(a)pyrene
Concen: 45.689 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07



Tgt Ion:252 Resp: 422532
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 48.009 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Instrument :

BNA_F

ClientSampleId :

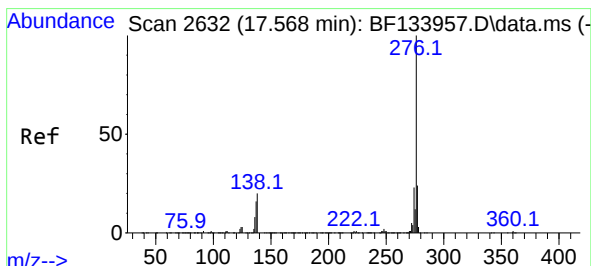
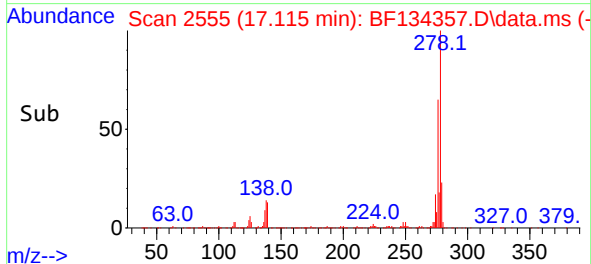
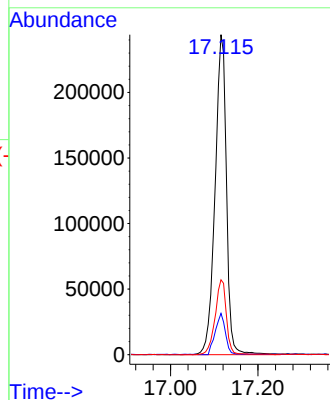
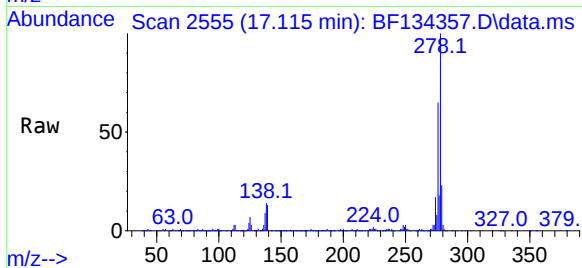
PB154258BS

Tgt Ion:278 Resp: 44256
Ion Ratio Lower Upper
278 100
139 12.9 12.2 18.4
279 23.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#92
Benzo(g,h,i)perylene
Concen: 45.424 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134357.D
Acq: 19 Jul 2023 14:07

Tgt Ion:276 Resp: 431817
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 16.2 16.2 24.2

