

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134703.D
 Acq On : 10 Aug 2023 11:07
 Operator : CG\JU
 Sample : PB154717BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154717BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023

Quant Time: Aug 11 03:51:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	174109	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	703457	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	357784	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	671300	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	416910	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	377976	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1436920	125.454	ng	0.02
7) Phenol-d6	6.451	99	1796799	122.720	ng	0.01
23) Nitrobenzene-d5	7.369	82	1158340	102.903	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	564614	154.805	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2004948	93.174	ng	0.00
79) Terphenyl-d14	12.927	244	2449789	103.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	214959	40.790	ng	# 95
3) Pyridine	3.446	79	564605	39.538	ng	90
4) n-Nitrosodimethylamine	3.393	42	295108	43.251	ng	# 59
6) Aniline	6.469	93	664281	34.590	ng	# 83
8) 2-Chlorophenol	6.593	128	627051	54.271	ng	94
9) Benzaldehyde	6.357	77	313643	48.169	ng	97
10) Phenol	6.463	94	698595	48.418	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	589239	51.408	ng	93
12) 1,3-Dichlorobenzene	6.745	146	635032	53.122	ng	94
13) 1,4-Dichlorobenzene	6.822	146	639361	53.366	ng	97
14) 1,2-Dichlorobenzene	6.969	146	616346	55.213	ng	96
15) Benzyl Alcohol	6.951	79	517647	51.248	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	900639	50.155	ng	91
17) 2-Methylphenol	7.063	107	479917	47.005	ng	94
18) Hexachloroethane	7.310	117	233374	55.500	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	398606	45.471	ng	93
20) 3+4-Methylphenols	7.216	107	541234	43.956	ng	# 85
22) Acetophenone	7.216	105	761417	46.886	ng	# 93
24) Nitrobenzene	7.387	77	627630	51.610	ng	95
25) Isophorone	7.628	82	1183350	48.198	ng	99
26) 2-Nitrophenol	7.698	139	335420	63.138	ng	# 89
27) 2,4-Dimethylphenol	7.739	122	500917	45.726	ng	87
28) bis(2-Chloroethoxy)met...	7.834	93	723158	49.238	ng	99
29) 2,4-Dichlorophenol	7.945	162	499998	50.288	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	560179	52.834	ng	98
31) Naphthalene	8.104	128	1711878	48.420	ng	99
32) Benzoic acid	7.881	122	445023m	59.936	ng	
33) 4-Chloroaniline	8.151	127	381217	24.200	ng	99
34) Hexachlorobutadiene	8.216	225	322732	52.770	ng	96
35) Caprolactam	8.545	113	169352m	52.794	ng	
36) 4-Chloro-3-methylphenol	8.645	107	542895	51.558	ng	91
37) 2-Methylnaphthalene	8.798	142	1099466	46.917	ng	99
38) 1-Methylnaphthalene	8.892	142	1062954	48.779	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	539005	51.807	ng	98
41) Hexachlorocyclopentadiene	8.945	237	541346	106.999	ng	94
43) 2,4,6-Trichlorophenol	9.075	196	368911	54.180	ng	98

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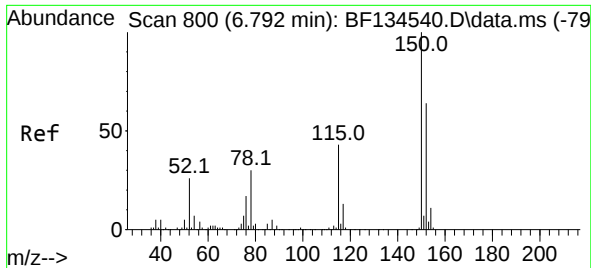
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	396054	50.893	ng	95
46) 1,1'-Biphenyl	9.263	154	1382019	49.673	ng	99
47) 2-Chloronaphthalene	9.286	162	1056153	50.662	ng	98
48) 2-Nitroaniline	9.386	65	348447	53.242	ng	90
49) Acenaphthylene	9.704	152	1636846	49.950	ng	99
50) Dimethylphthalate	9.569	163	1259020	51.630	ng	98
51) 2,6-Dinitrotoluene	9.633	165	291870	57.875	ng	# 71
52) Acenaphthene	9.875	154	1169927m	55.091	ng	
53) 3-Nitroaniline	9.798	138	231635	42.617	ng	96
54) 2,4-Dinitrophenol	9.910	184	310005	126.001	ng	88
55) Dibenzofuran	10.051	168	1453419	48.077	ng	93
56) 4-Nitrophenol	9.975	139	480388	108.064	ng	# 65
57) 2,4-Dinitrotoluene	10.039	165	360919	59.105	ng	# 86
58) Fluorene	10.392	166	1072602	48.711	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	345778	56.162	ng	96
60) Diethylphthalate	10.269	149	1186176	51.318	ng	96
61) 4-Chlorophenyl-phenyle...	10.381	204	550579	50.870	ng	96
62) 4-Nitroaniline	10.422	138	312700	58.696	ng	# 84
63) Azobenzene	10.545	77	1185800	47.749	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	207579	71.339	ng	89
66) n-Nitrosodiphenylamine	10.510	169	1033209	48.355	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	382588	52.063	ng	96
68) Hexachlorobenzene	10.939	284	424359	54.685	ng	# 92
69) Atrazine	11.039	200	368488	63.983	ng	99
70) Pentachlorophenol	11.133	266	423915	88.229	ng	97
71) Phenanthrene	11.357	178	1729476	48.503	ng	99
72) Anthracene	11.410	178	1750917	48.074	ng	98
73) Carbazole	11.563	167	1584664	48.729	ng	99
74) Di-n-butylphthalate	11.898	149	1889530	54.692	ng	99
75) Fluoranthene	12.545	202	1837847	48.795	ng	96
77) Benzidine	12.674	184	699859	77.330	ng	99
78) Pyrene	12.774	202	1854894	51.417	ng	97
80) Butylbenzylphthalate	13.404	149	745354	61.100	ng	# 95
81) Benzo(a)anthracene	13.969	228	1386175	46.499	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	377692	43.709	ng	# 97
83) Chrysene	14.010	228	1400855	48.232	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	773474	53.879	ng	# 97
85) Di-n-octyl phthalate	14.580	149	1353057	61.980	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	1437711	64.675	ng	# 92
88) Benzo(b)fluoranthene	15.021	252	1205836	52.309	ng	# 97
89) Benzo(k)fluoranthene	15.051	252	1186995	51.689	ng	# 98
90) Benzo(a)pyrene	15.392	252	1060735	49.351	ng	# 97
91) Dibenzo(a,h)anthracene	16.974	278	1175837	65.451	ng	# 95
92) Benzo(g,h,i)perylene	17.409	276	1163568	63.494	ng	# 94

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

Manual Integrations

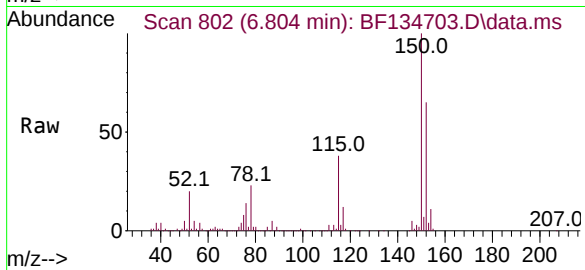
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

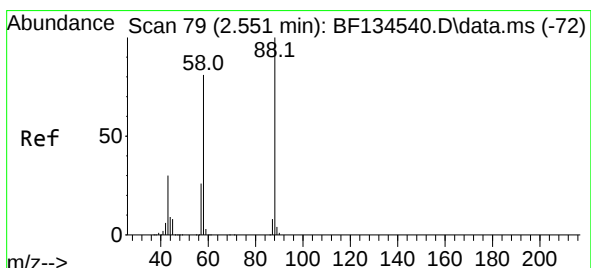
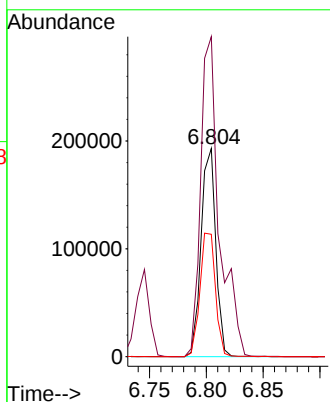
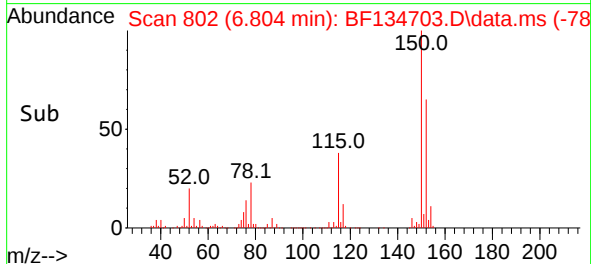
Instrument :
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 PB154717BS



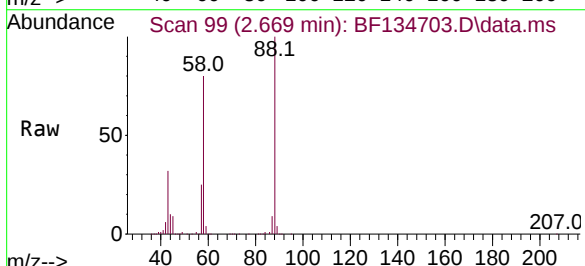
Tgt Ion: 152 Resp: 174109
 Ion Ratio Lower Upper
 152 100
 150 153.8 128.3 192.5
 115 58.8 52.4 78.6

Manual Integrations
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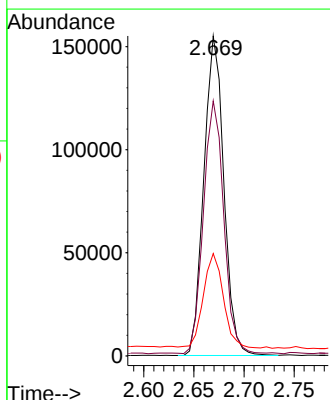
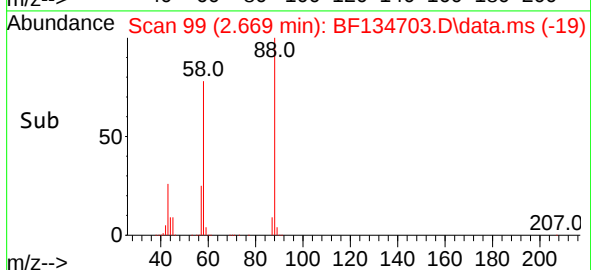
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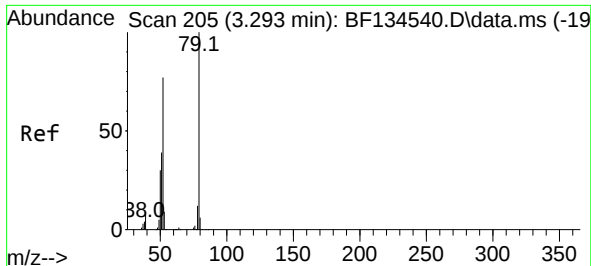


#2
 1,4-Dioxane
 Concen: 40.790 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.118 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07



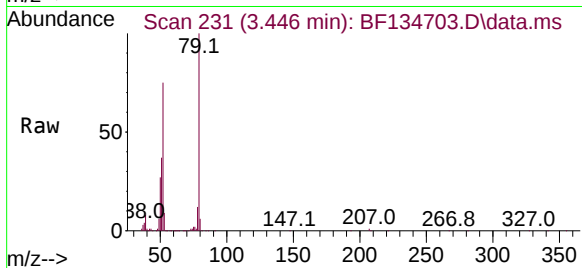
Tgt Ion: 88 Resp: 214959
 Ion Ratio Lower Upper
 88 100
 58 80.5 65.1 97.7
 43 29.5 30.3 45.5





#3
Pyridine
Concen: 39.538 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.141 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

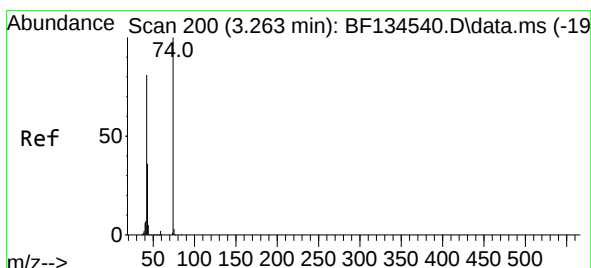
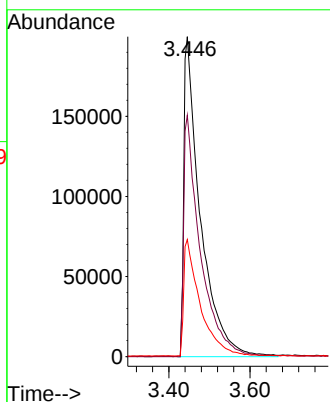
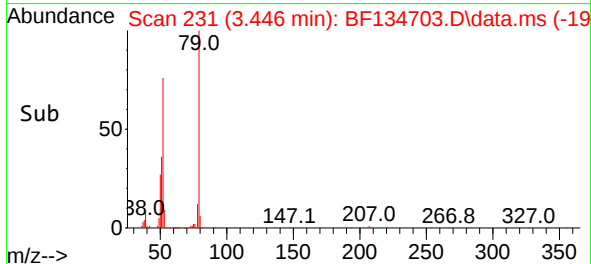
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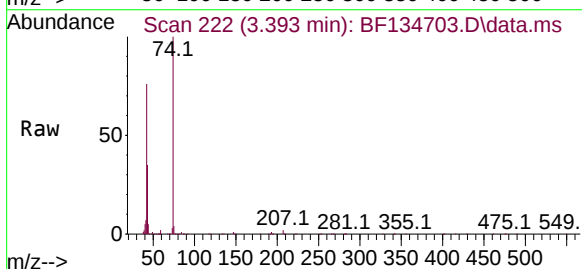
Tgt Ion: 79 Resp: 564605
Ion Ratio Lower Upper
79 100
52 75.4 66.6 100.0
51 36.6 36.5 54.7

Manual Integrations
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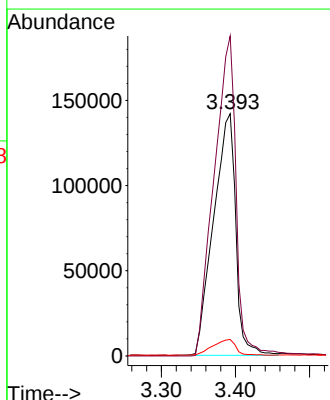
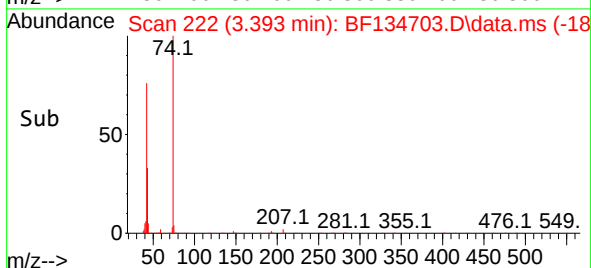
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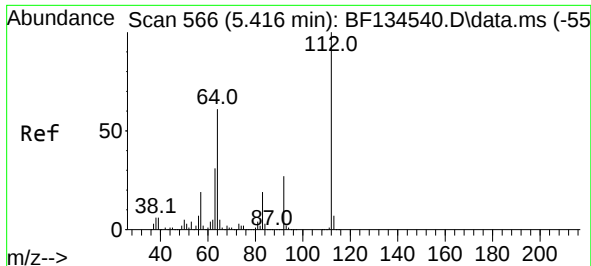


#4
n-Nitrosodimethylamine
Concen: 43.251 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.112 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



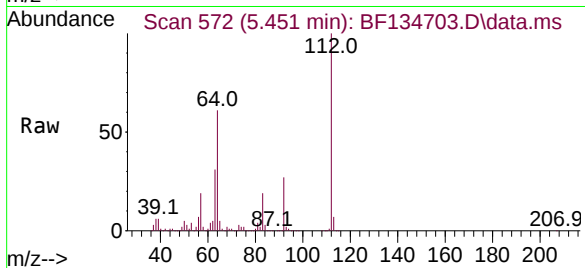
Tgt Ion: 42 Resp: 295108
Ion Ratio Lower Upper
42 100
74 132.1 72.2 108.4
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 125.454 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

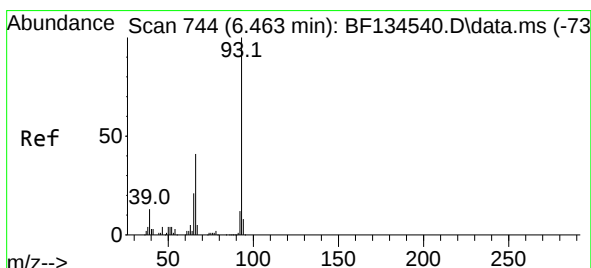
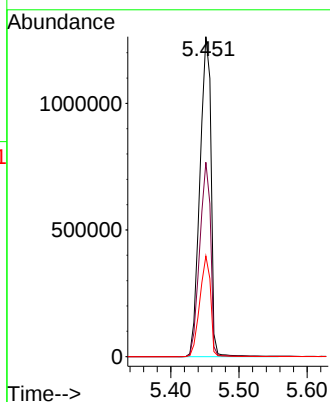
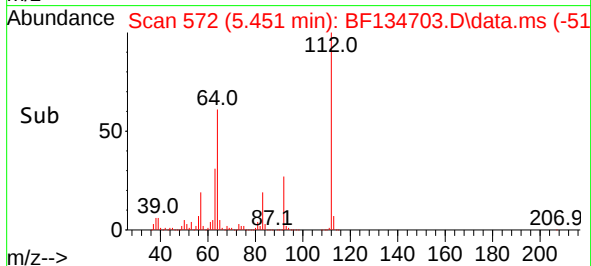
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Tgt Ion:112 Resp: 1436920
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.4 25.4 38.0

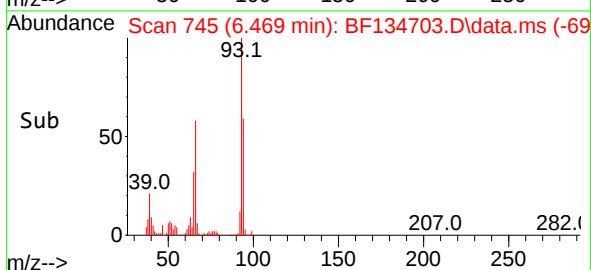
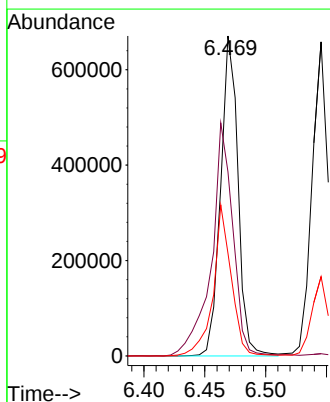
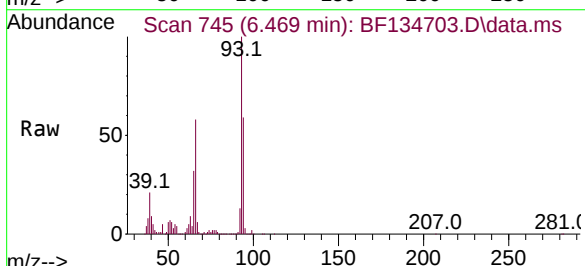
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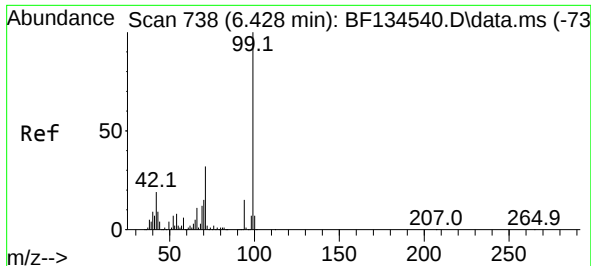
Reviewed By :Yogesh Patel 08/11/2023
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#6
Aniline
Concen: 34.590 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

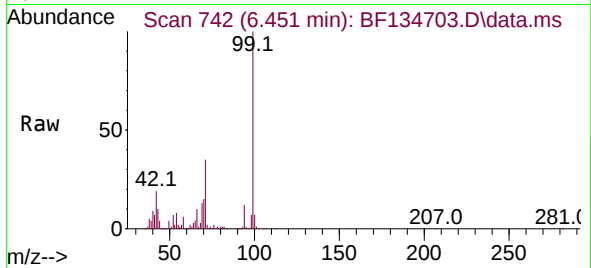
Tgt Ion: 93 Resp: 664281
Ion Ratio Lower Upper
93 100
66 57.5 36.8 55.2#
65 32.1 19.4 29.0#





#7
Phenol-d6
Concen: 122.720 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

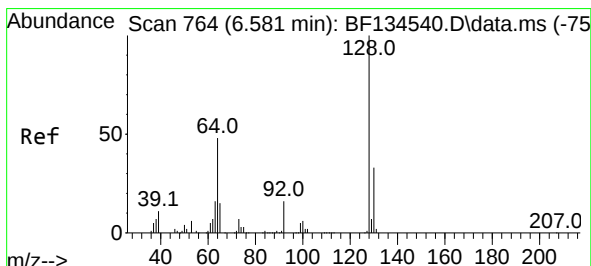
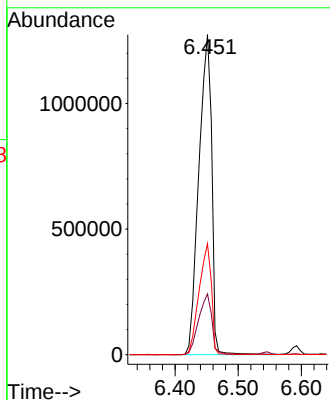
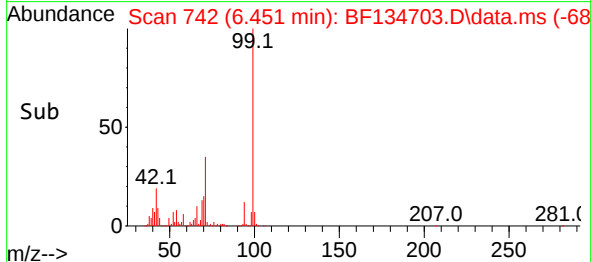
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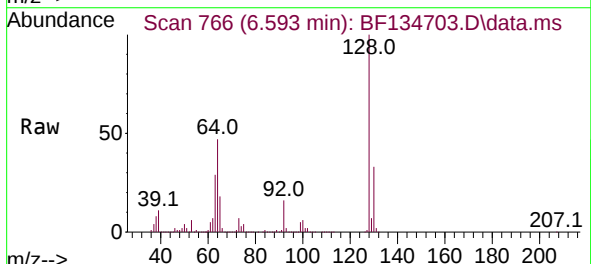
Tgt Ion: 99 Resp: 1796799
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 34.7 36.4 54.6

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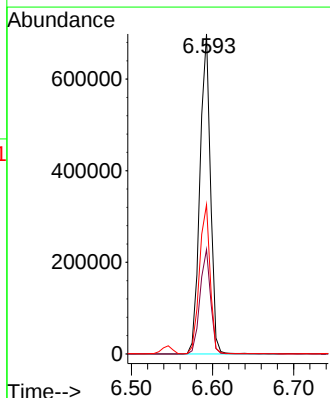
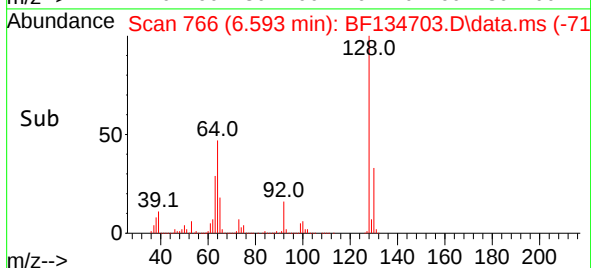
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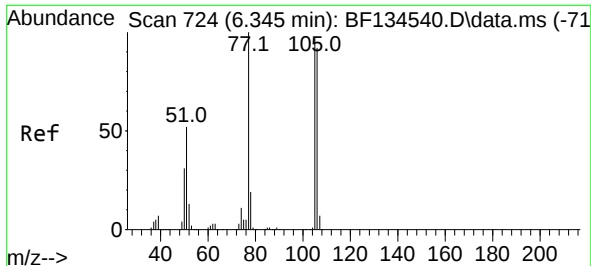


#8
2-Chlorophenol
Concen: 54.271 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



Tgt Ion:128 Resp: 627051
Ion Ratio Lower Upper
128 100
130 32.6 11.1 51.1
64 46.6 31.9 71.9





#9

Benzaldehyde

Concen: 48.169 ng

RT: 6.357 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134703.D

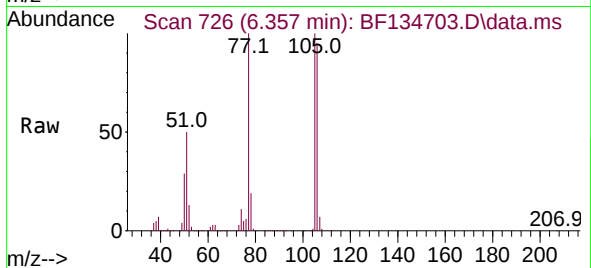
Acq: 10 Aug 2023 11:07

Instrument :

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ClientSampleId :

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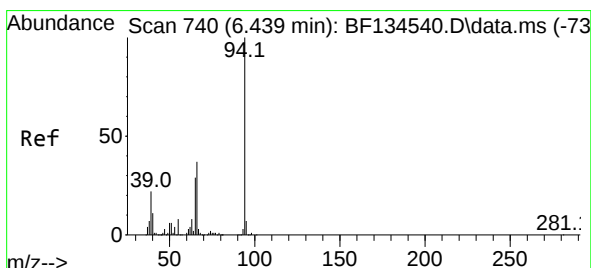
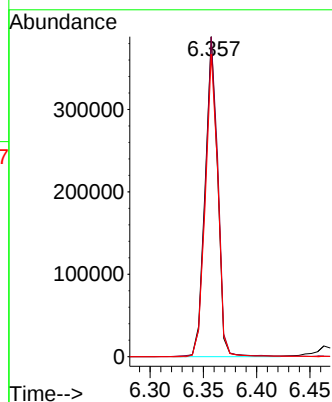
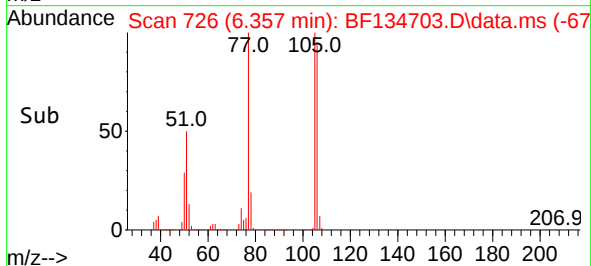
Tgt Ion:	77	Resp:	31364
Ion Ratio	Lower	Upper	
77	100		
105	99.9	77.1	117.1
106	94.5	71.4	111.4

Manual Integrations

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#10

Phenol

Concen: 48.418 ng

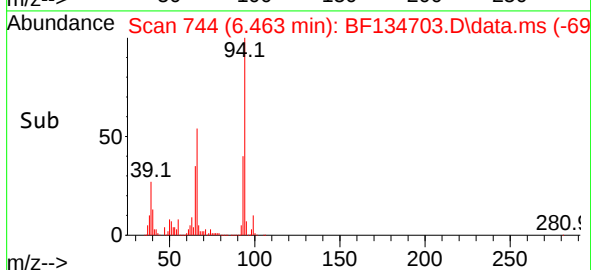
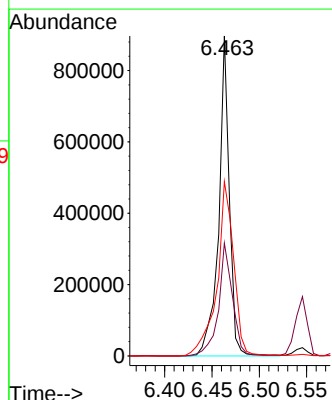
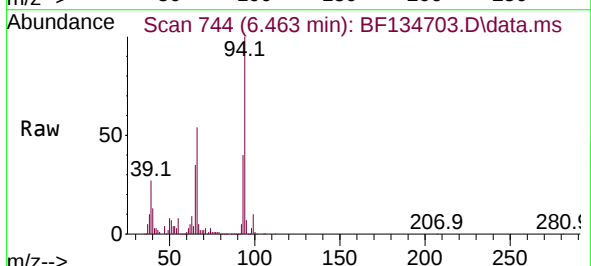
RT: 6.463 min Scan# 744

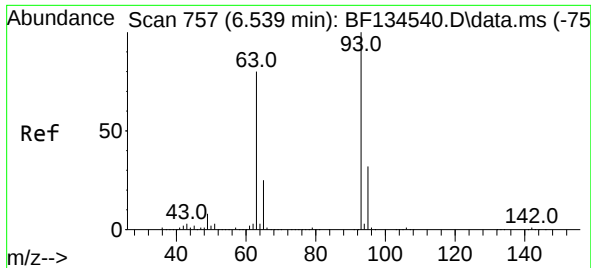
Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Tgt Ion:	94	Resp:	698595
Ion Ratio	Lower	Upper	
94	100		
65	35.3	17.8	57.8
66	54.5	35.2	75.2





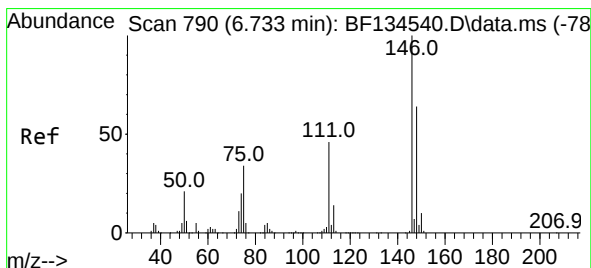
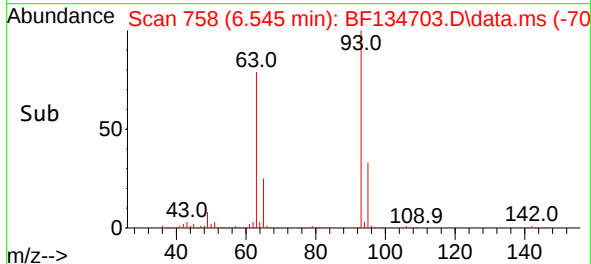
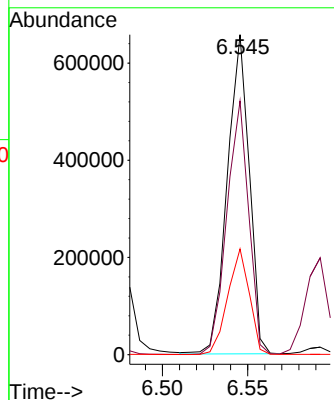
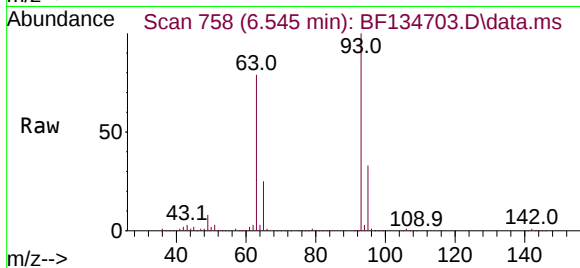
#11
bis(2-Chloroethyl)ether
Concen: 51.408 ng
RT: 6.545 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :
BNA_F
ClientSampleId :
PB154717BS

Tgt Ion: 93 Resp: 589239
Ion Ratio Lower Upper
93 100
63 79.3 68.4 108.4
95 33.0 12.4 52.4

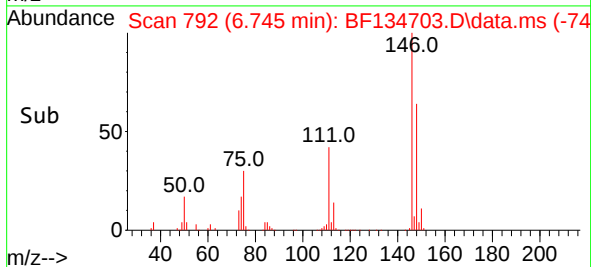
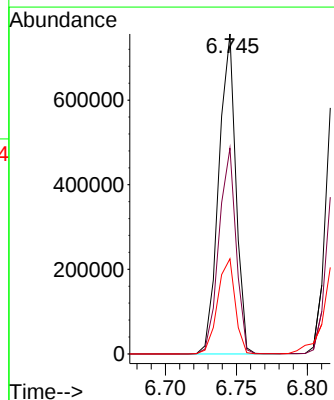
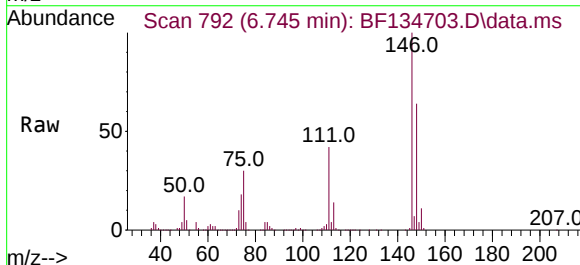
Manual Integrations
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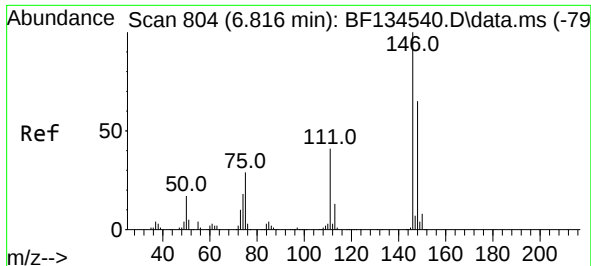
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#12
1,3-Dichlorobenzene
Concen: 53.122 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:146 Resp: 635032
Ion Ratio Lower Upper
146 100
148 64.3 49.7 74.5
75 29.7 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 53.366 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

Tgt Ion:146 Resp: 63936

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

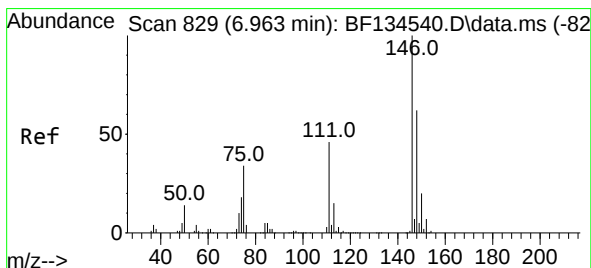
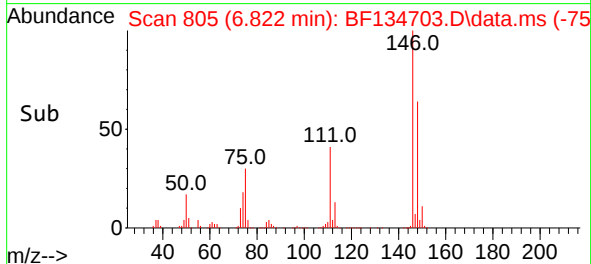
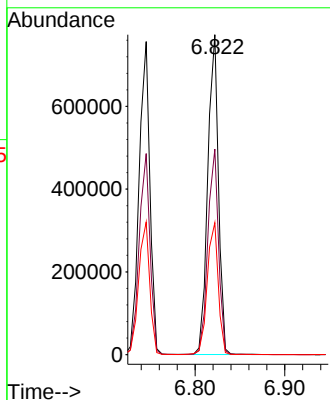
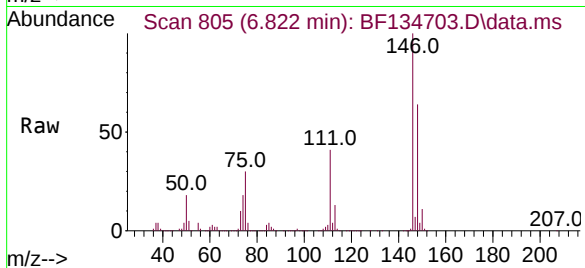
111 41.2 36.6 55.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#14

1,2-Dichlorobenzene

Concen: 55.213 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

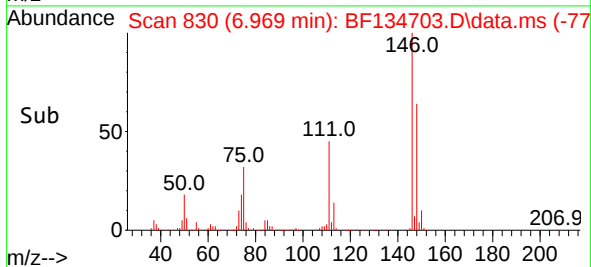
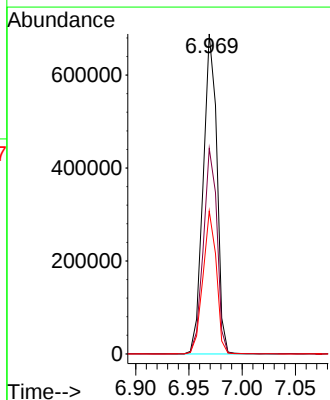
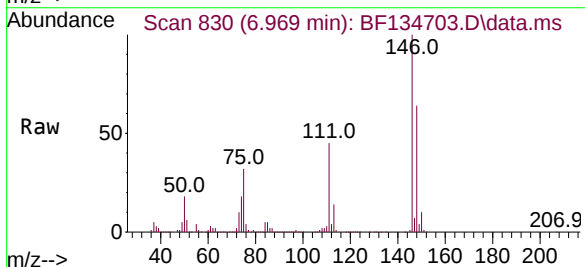
Tgt Ion:146 Resp: 616346

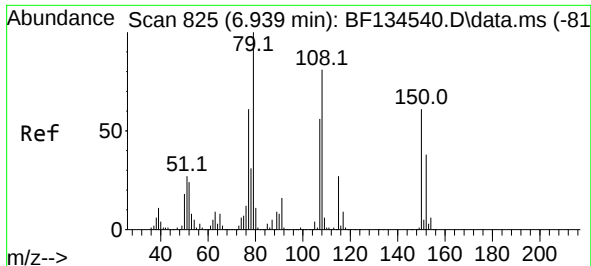
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

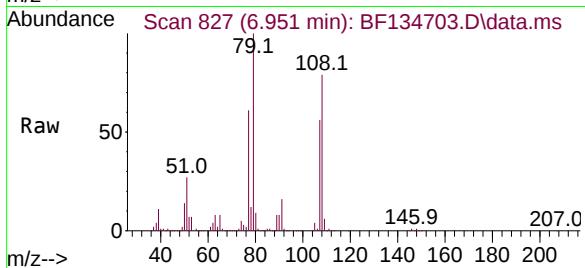
111 44.6 39.9 59.9





#15
Benzyl Alcohol
Concen: 51.248 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

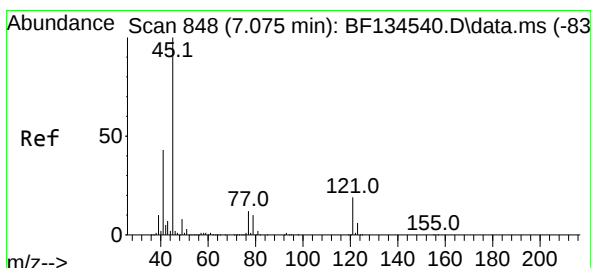
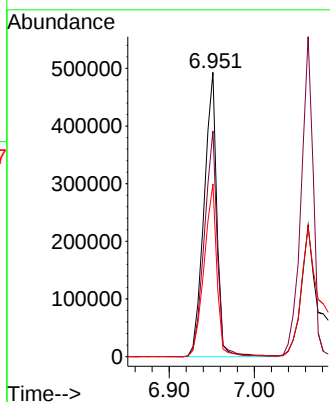
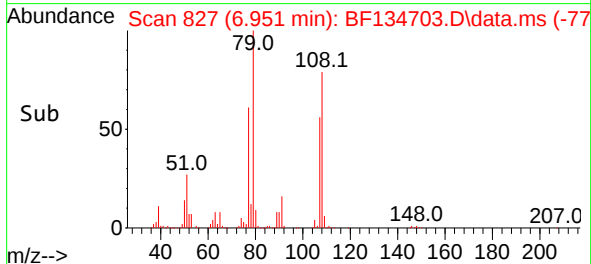
Instrument :
BNA_F
ClientSampleId :
PB154717BS



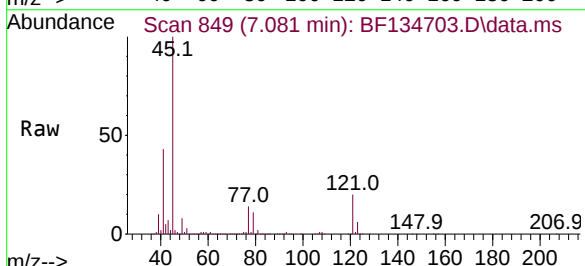
Tgt Ion: 79 Resp: 51764
Ion Ratio Lower Upper
79 100
108 79.4 56.3 84.5
77 60.8 50.6 76.0

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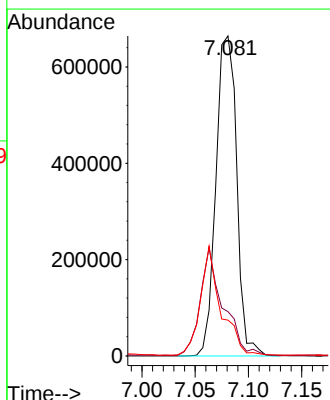
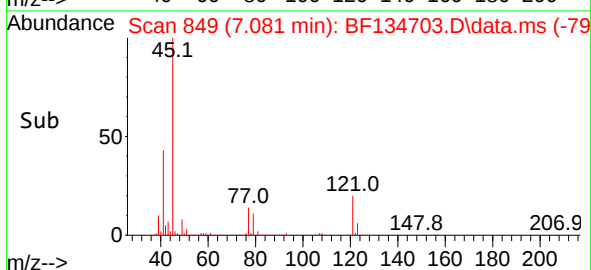
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

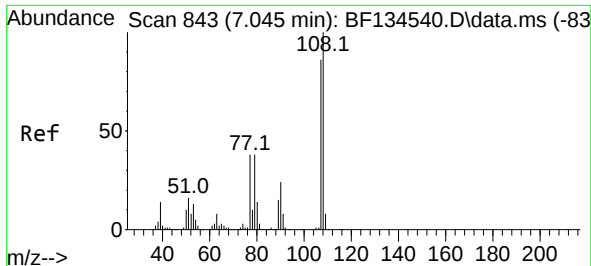


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.155 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



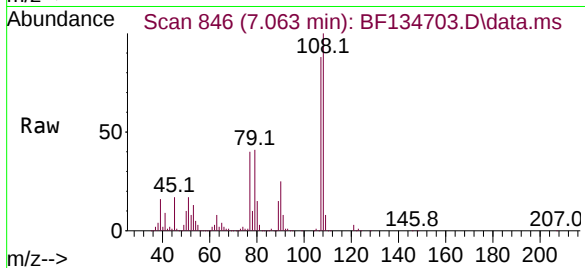
Tgt Ion: 45 Resp: 900639
Ion Ratio Lower Upper
45 100
77 13.8 0.0 37.8
79 11.2 0.0 34.5





#17
2-Methylphenol
Concen: 47.005 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

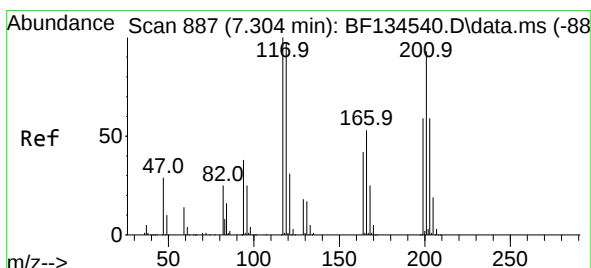
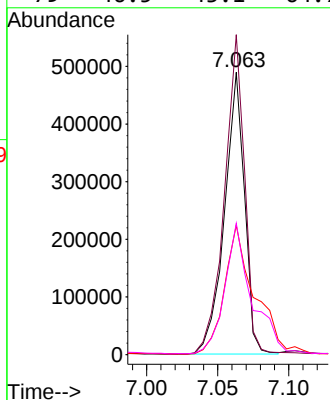
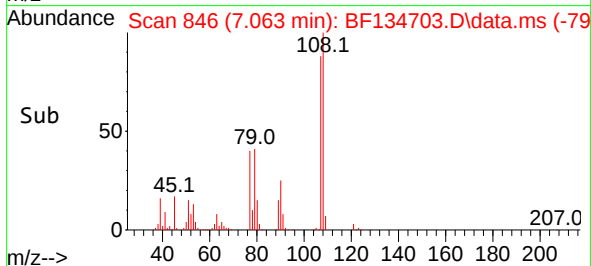
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:	107	Resp:	479917
Ion Ratio	Lower	Upper	
107	100		
108	113.3	89.4	134.2
77	45.8	42.4	63.6
79	46.5	43.1	64.7

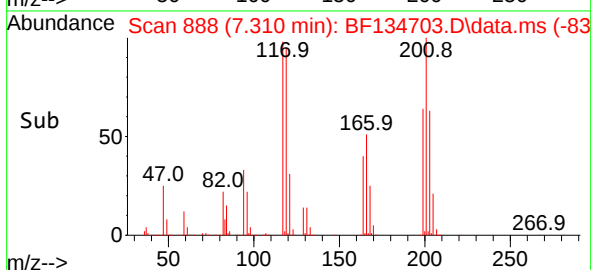
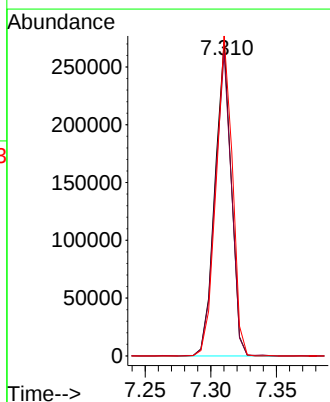
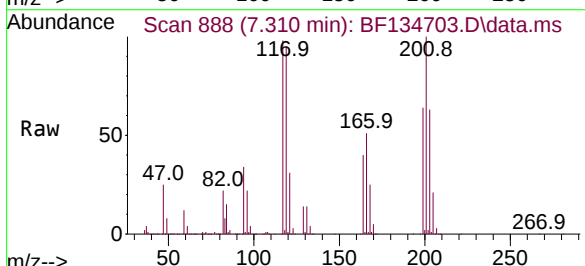
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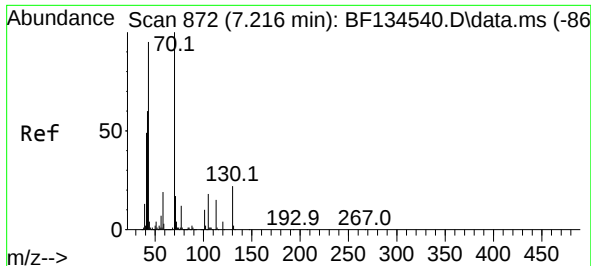
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#18
Hexachloroethane
Concen: 55.500 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:	117	Resp:	233374
Ion Ratio	Lower	Upper	
117	100		
119	96.4	75.8	113.8
201	101.9	73.6	110.4





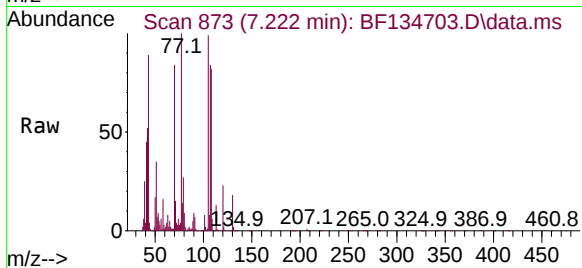
#19
n-Nitroso-di-n-propylamine
Concen: 45.471 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

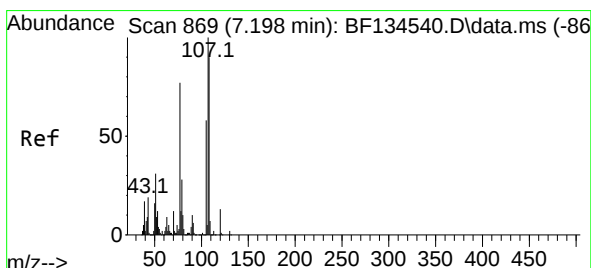
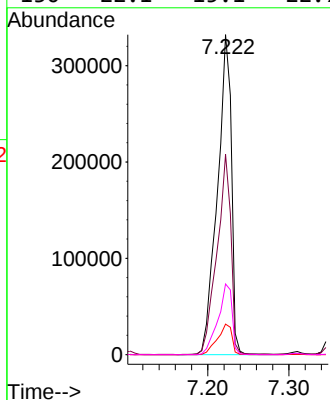
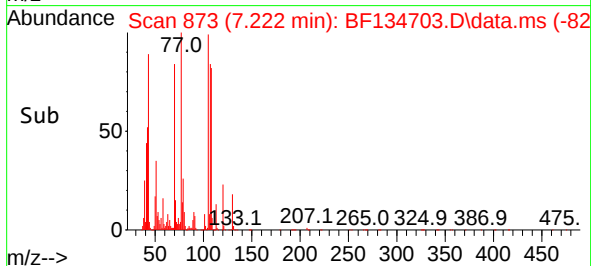


Tgt Ion: 70 Resp: 398606
Ion Ratio Lower Upper
70 100
42 62.6 54.7 82.1
101 9.5 8.2 12.2
130 22.1 15.1 22.7

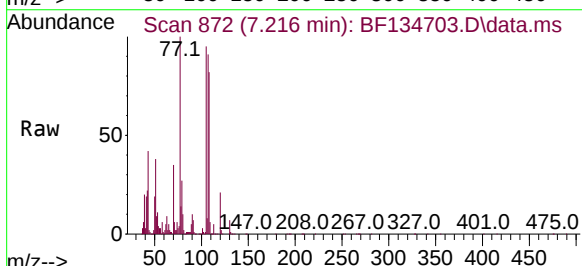
Manual Integrations

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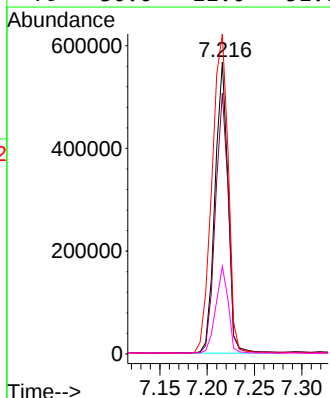
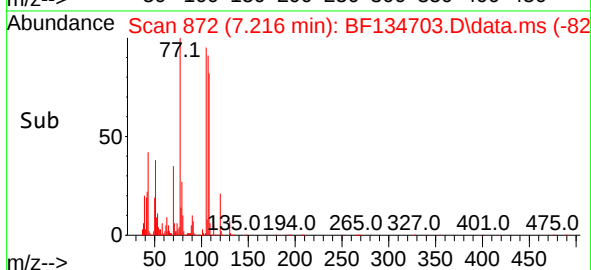
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

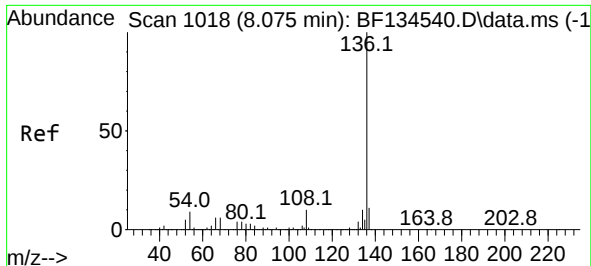


#20
3+4-Methylphenols
Concen: 43.956 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



Tgt Ion:107 Resp: 541234
Ion Ratio Lower Upper
107 100
108 89.4 68.1 108.1
77 109.7 122.1 162.1#
79 30.0 11.0 51.0





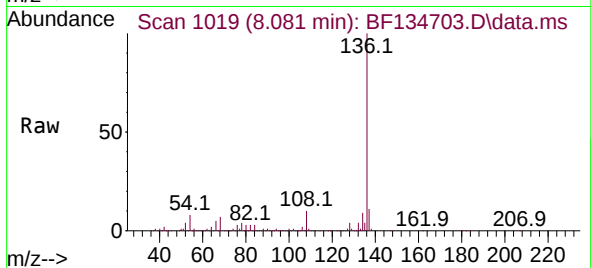
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

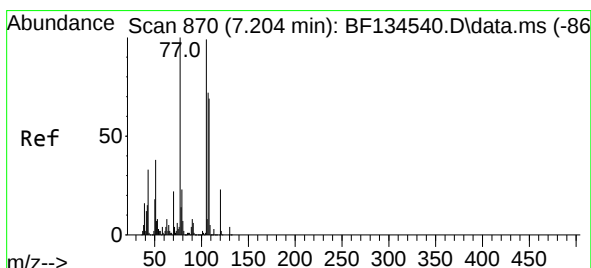
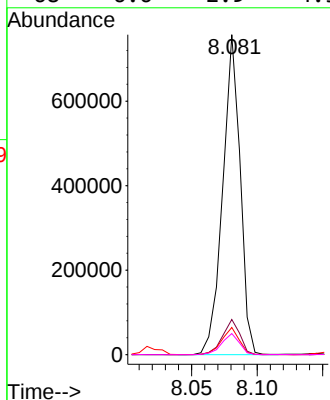
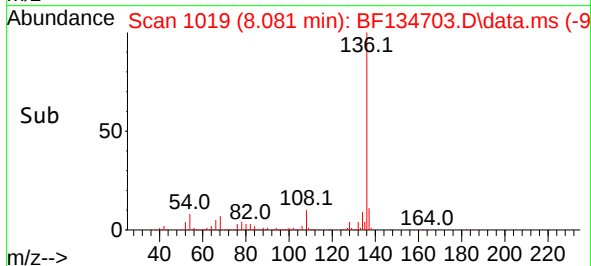


Tgt Ion:136 Resp: 703452
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.5 5.2 7.8
68 6.6 2.9 4.3#

Manual Integrations

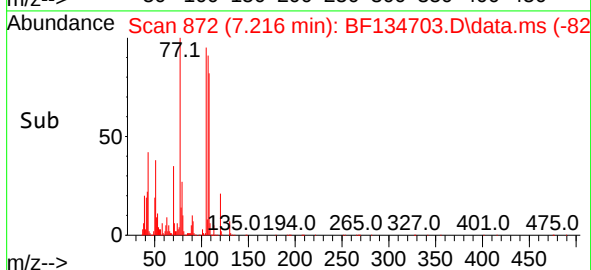
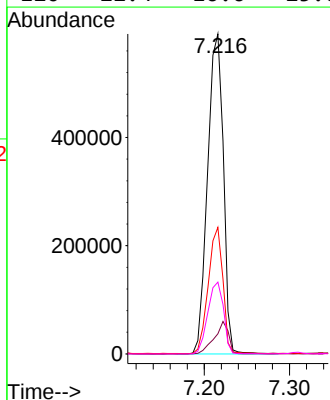
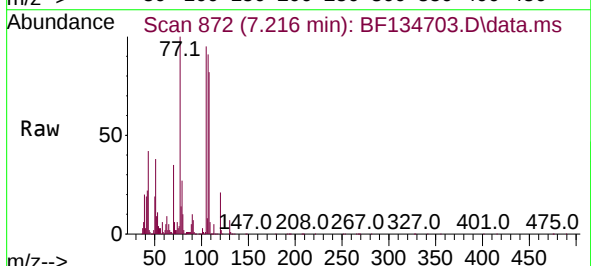
APPROVED

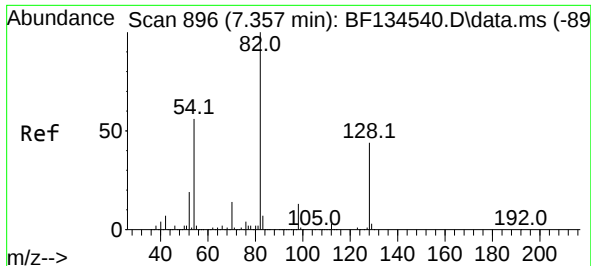
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#22
Acetophenone
Concen: 46.886 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:105 Resp: 761417
Ion Ratio Lower Upper
105 100
71 6.3 7.4 11.0#
51 39.5 36.4 54.6
120 22.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 102.903 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

Tgt Ion: 82 Resp: 1158340

Ion Ratio Lower Upper

82 100

128 46.8 34.3 51.5

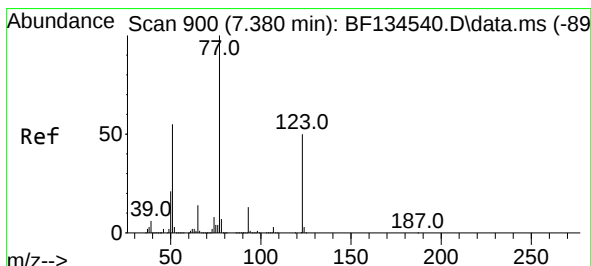
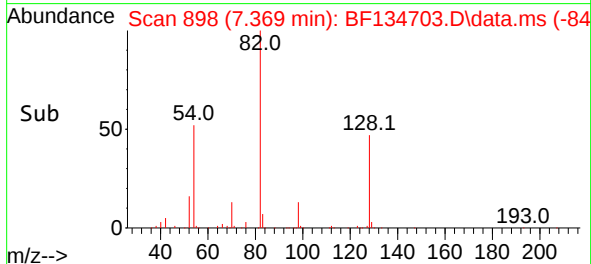
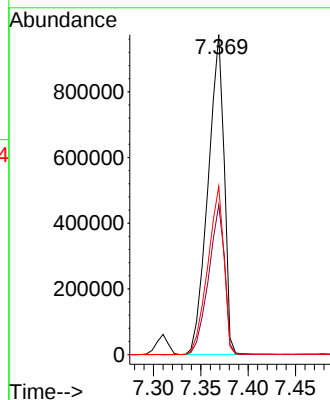
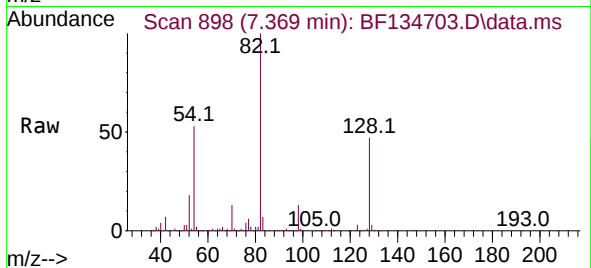
54 52.7 43.8 65.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#24

Nitrobenzene

Concen: 51.610 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

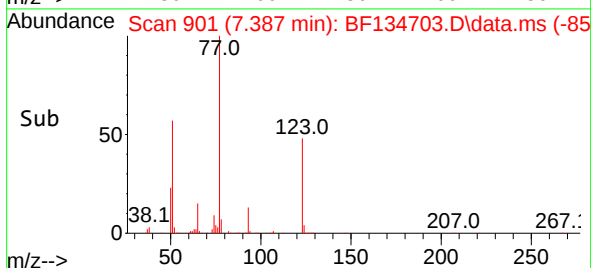
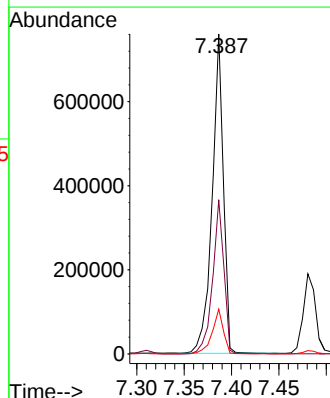
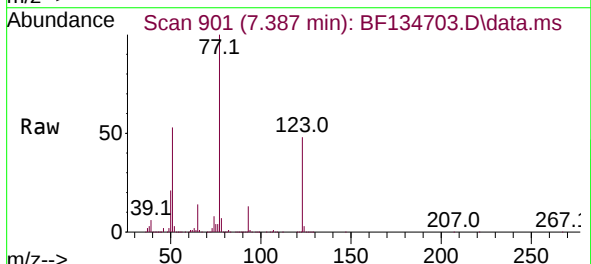
Tgt Ion: 77 Resp: 627630

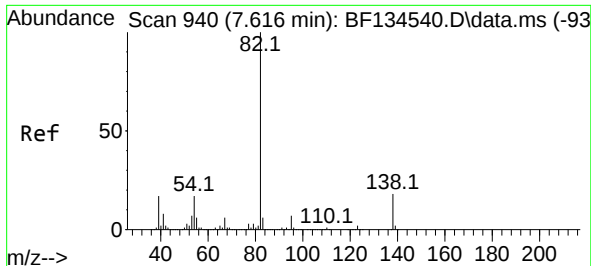
Ion Ratio Lower Upper

77 100

123 48.2 35.5 53.3

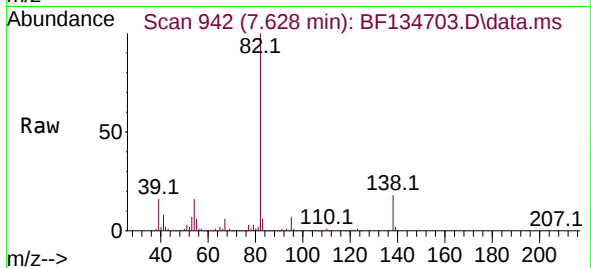
65 14.0 11.9 17.9





#25
Isophorone
Concen: 48.198 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

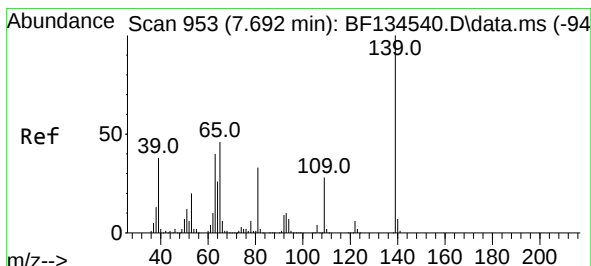
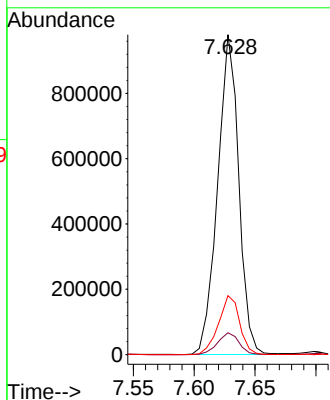
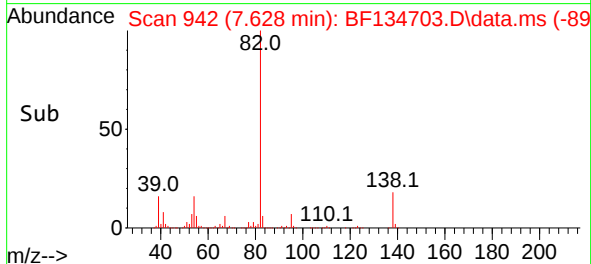
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion: 82 Resp: 1183350
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.4 14.6 22.0

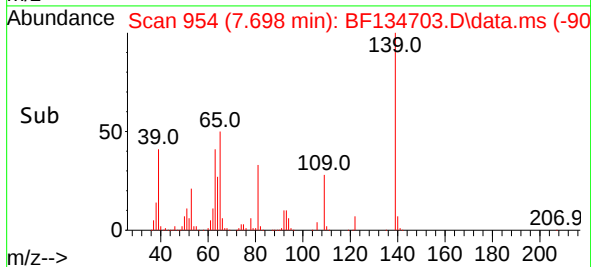
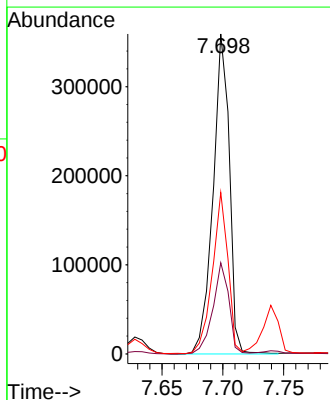
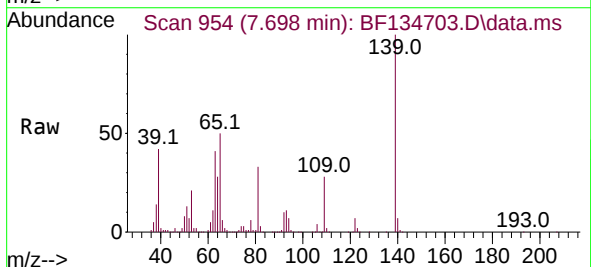
Manual Integrations
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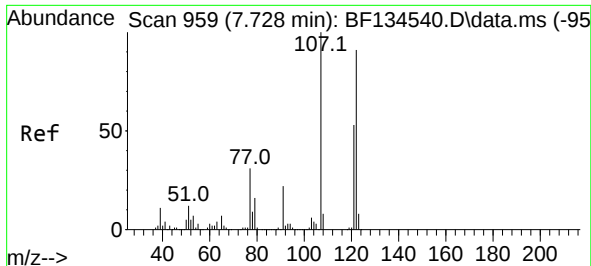
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#26
2-Nitrophenol
Concen: 63.138 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

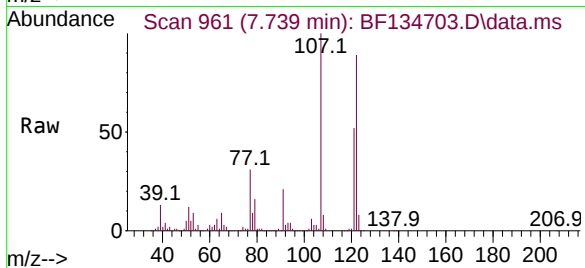
Tgt Ion:139 Resp: 335420
Ion Ratio Lower Upper
139 100
109 28.5 29.8 44.6#
65 50.4 45.4 68.2





#27
2,4-Dimethylphenol
Concen: 45.726 ng
RT: 7.739 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

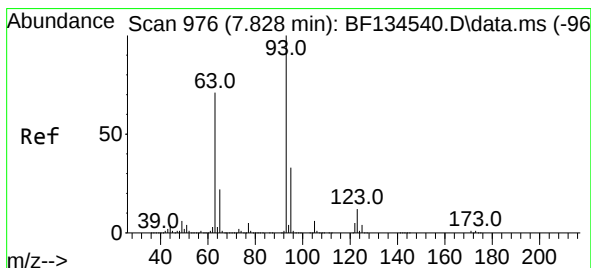
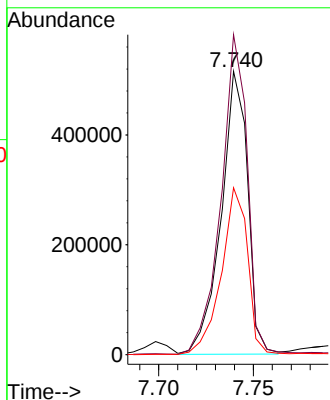
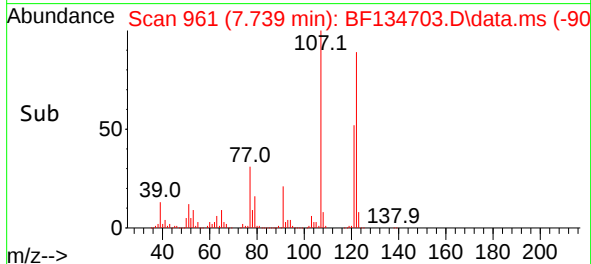
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:122 Resp: 500917
Ion Ratio Lower Upper
122 100
107 112.9 106.7 160.1
121 58.9 49.0 73.6

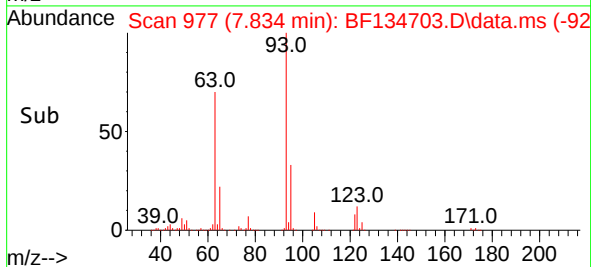
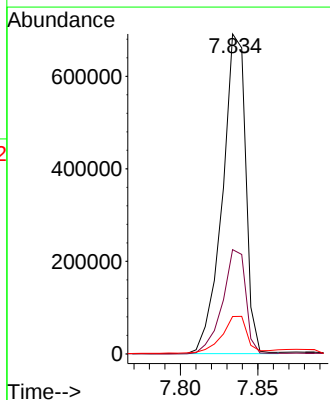
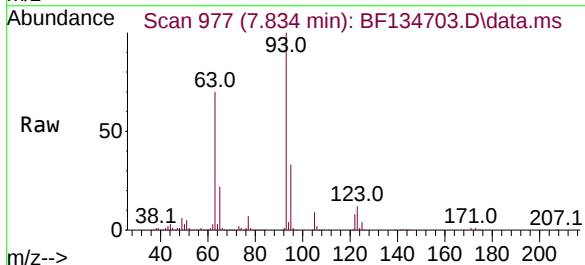
Manual Integrations
APPROVED

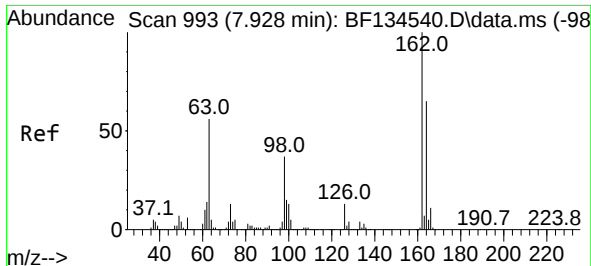
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.238 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 93 Resp: 723158
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.288 ng

RT: 7.945 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF134703.D

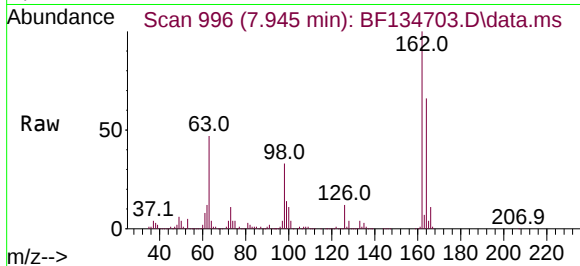
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS



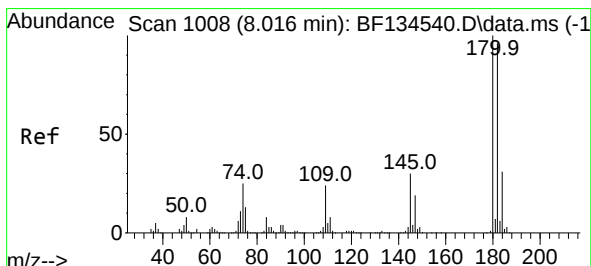
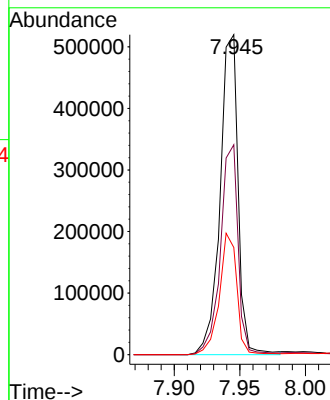
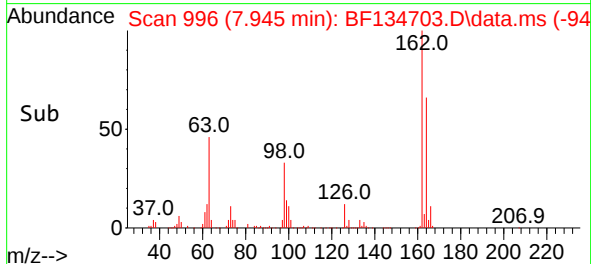
Tgt Ion:	162	Resp:	499998
Ion Ratio	100	Lower	Upper
162	100		
164	65.6	42.2	82.2
98	33.5	15.5	55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 52.834 ng

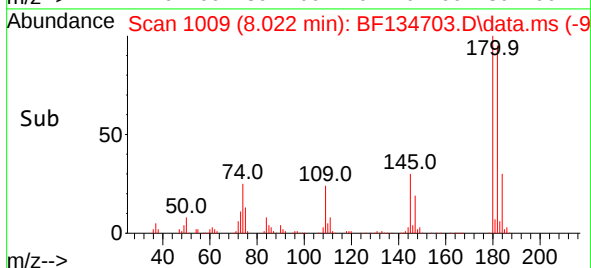
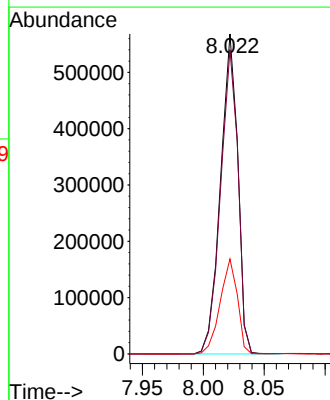
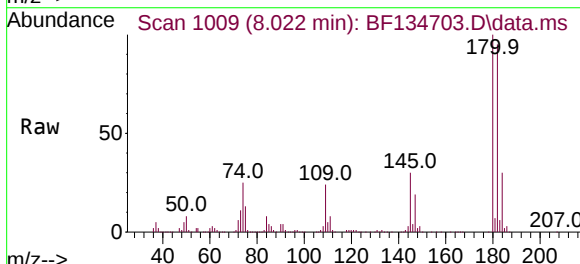
RT: 8.022 min Scan# 1009

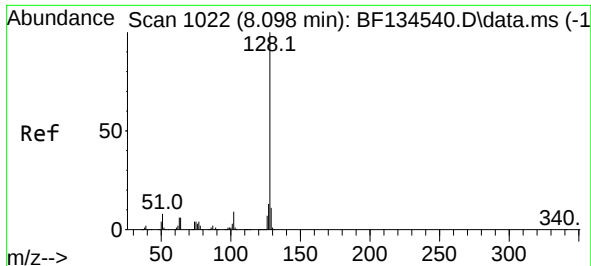
Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

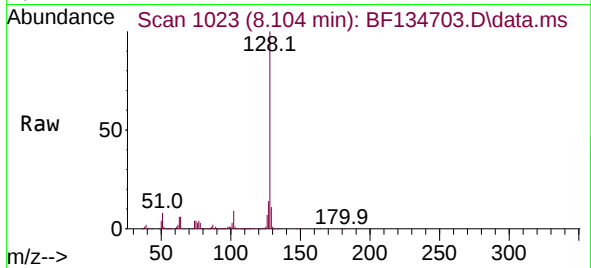
Tgt Ion:	180	Resp:	560179
Ion Ratio	100	Lower	Upper
180	100		
182	95.1	75.0	112.6
145	29.7	25.5	38.3





#31
Naphthalene
Concen: 48.420 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

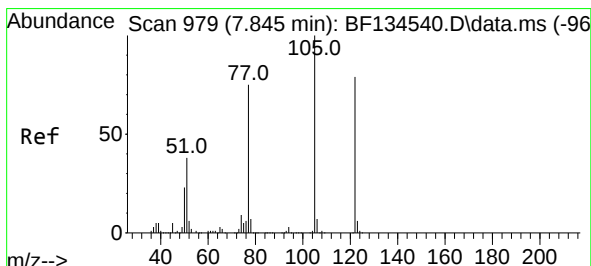
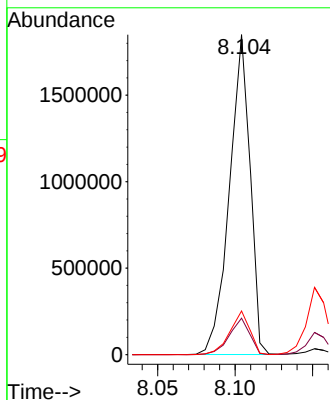
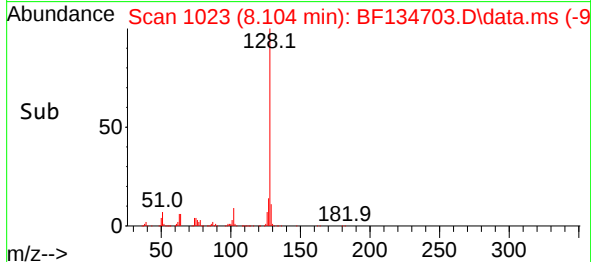
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:128 Resp: 1711878
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.6 10.7 16.1

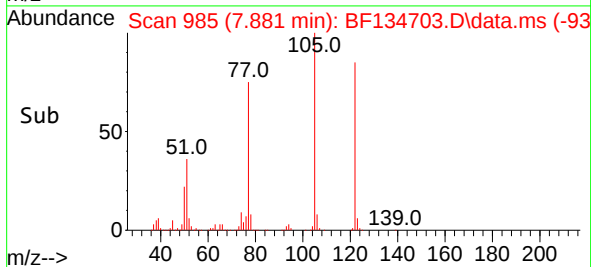
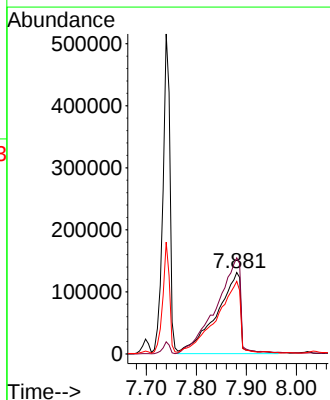
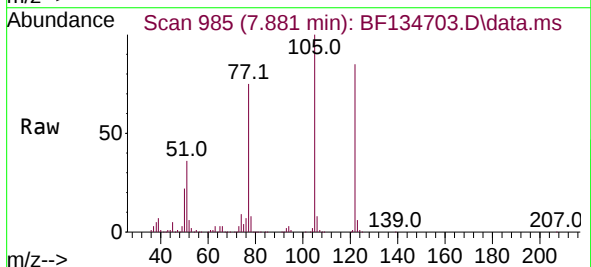
Manual Integrations
APPROVED

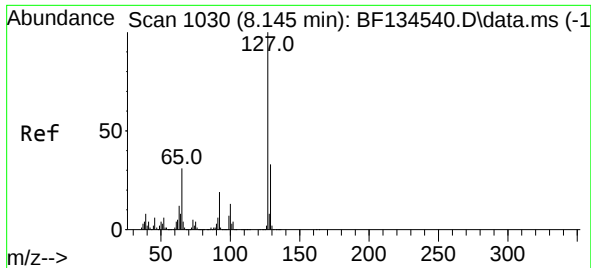
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#32
Benzoic acid
Concen: 59.936 ng m
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

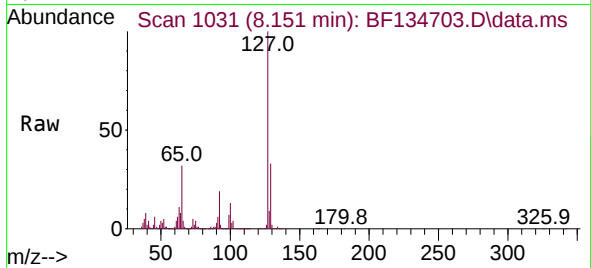
Tgt Ion:122 Resp: 445023
Ion Ratio Lower Upper
122 100
105 118.0 87.5 127.5
77 89.1 71.4 111.4





#33
4-Chloroaniline
Concen: 24.200 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

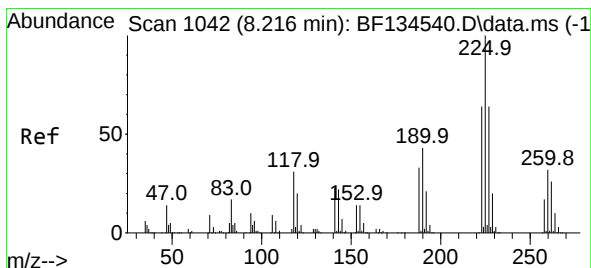
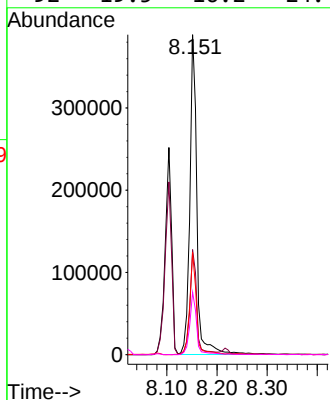
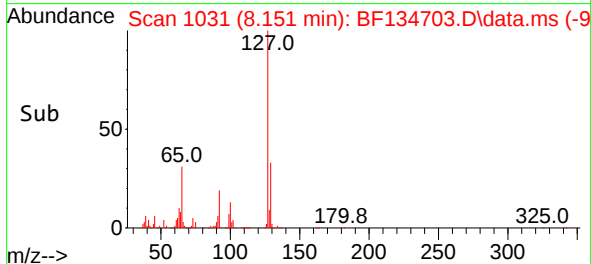
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	31.9	25.4	38.0
92	19.5	16.2	24.4

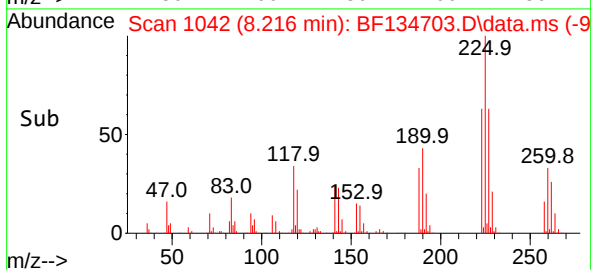
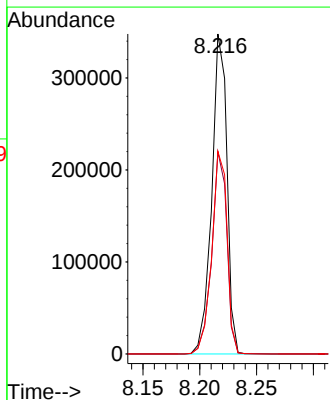
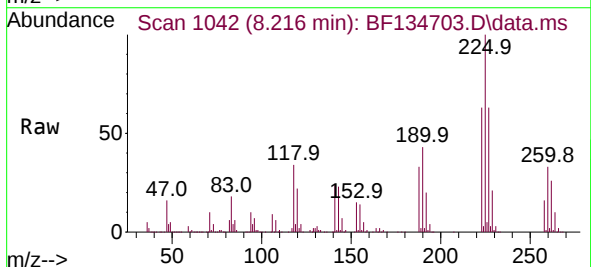
Manual Integrations
APPROVED

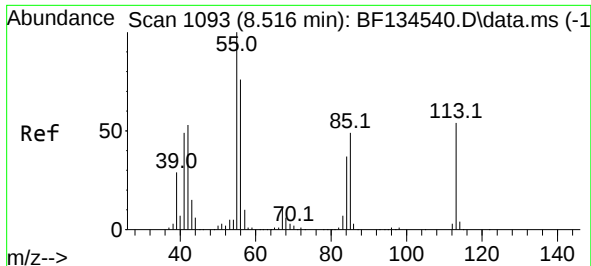
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#34
Hexachlorobutadiene
Concen: 52.770 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

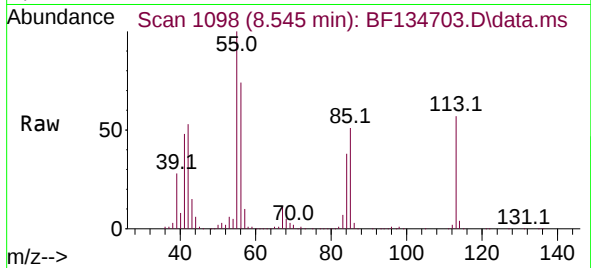
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.2	72.4
227	63.3	48.5	72.7





#35
 Caprolactam
 Concen: 52.794 ng m
 RT: 8.545 min Scan# 1098
 Delta R.T. 0.012 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

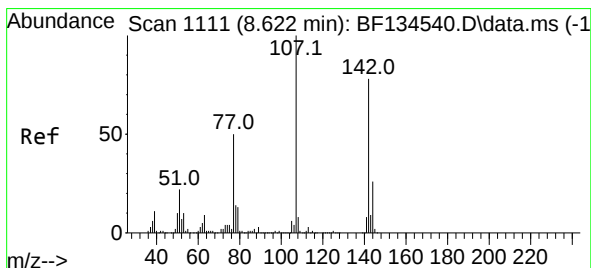
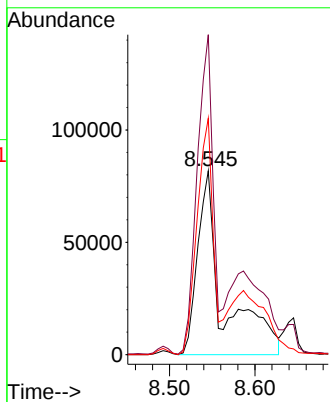
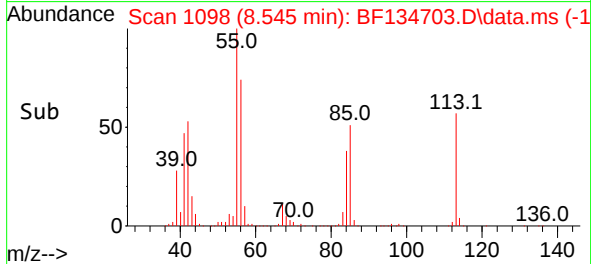
Instrument :
 BNA_F
 ClientSampleId :
 PB154717BS



Tgt Ion:113 Resp: 169352
 Ion Ratio Lower Upper
 113 100
 55 174.1 161.5 201.5
 56 128.6 117.8 157.8

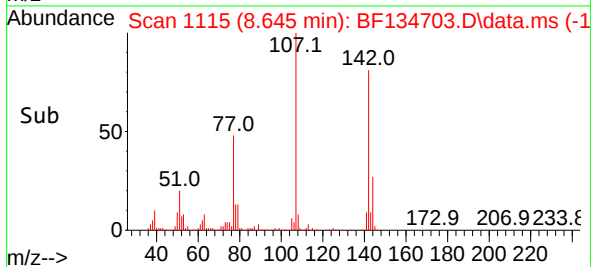
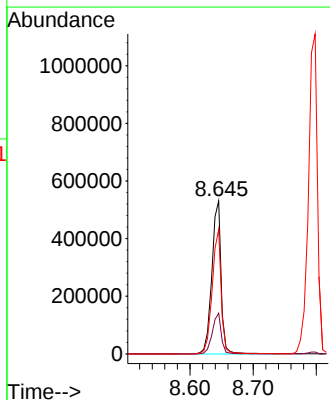
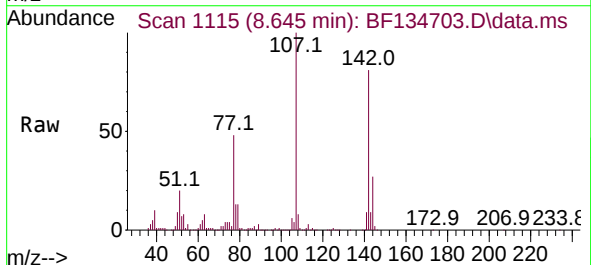
Manual Integrations
 APPROVED

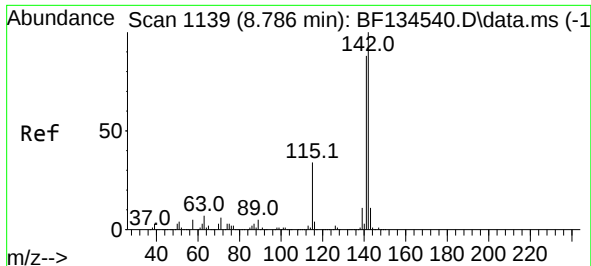
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023



#36
 4-Chloro-3-methylphenol
 Concen: 51.558 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

Tgt Ion:107 Resp: 542895
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.6 29.4
 142 81.3 57.7 86.5





#37
2-Methylnaphthalene
Concen: 46.917 ng
RT: 8.798 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

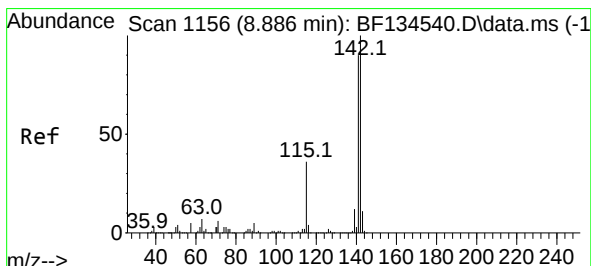
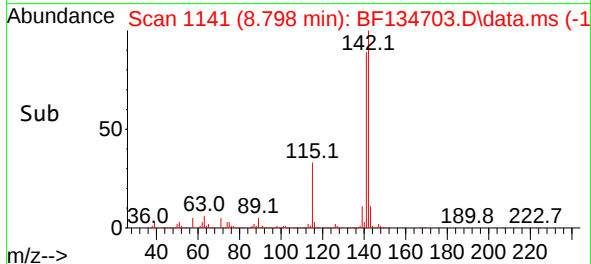
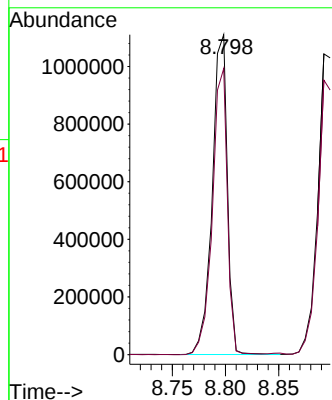
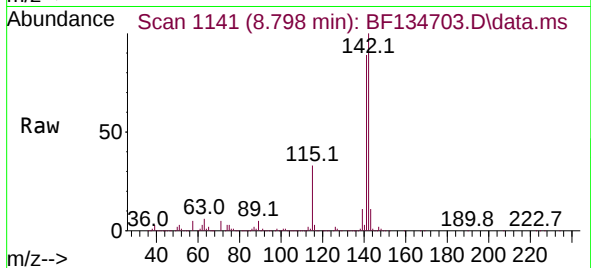
PB154717BS

Tgt Ion:142 Resp: 1099466
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2

Manual Integrations

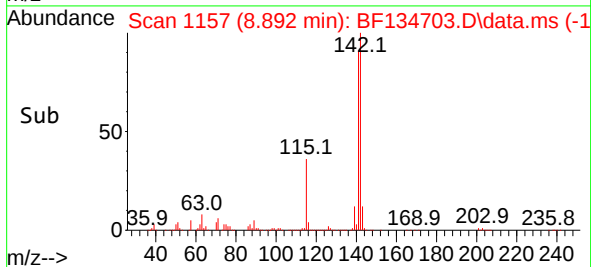
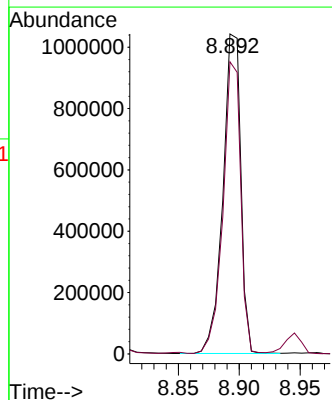
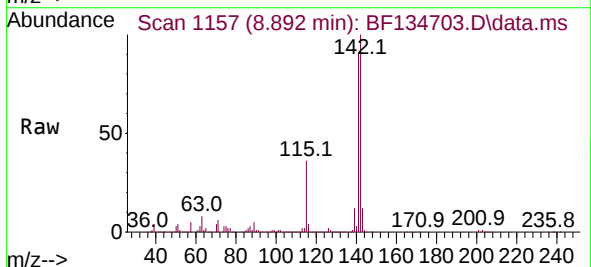
APPROVED

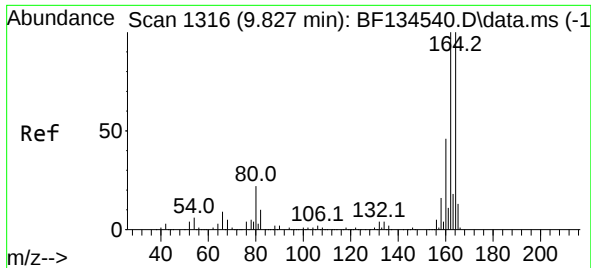
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#38
1-Methylnaphthalene
Concen: 48.779 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

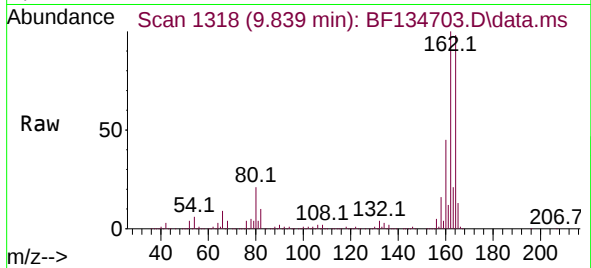
Tgt Ion:142 Resp: 1062954
Ion Ratio Lower Upper
142 100
141 91.3 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

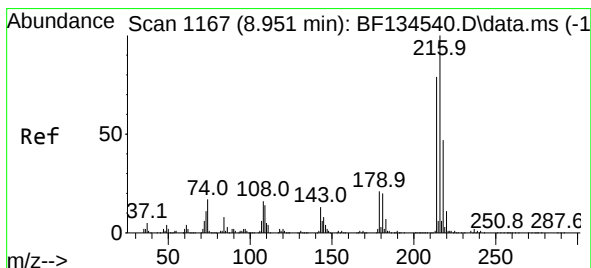
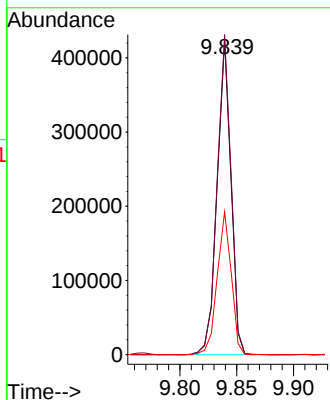
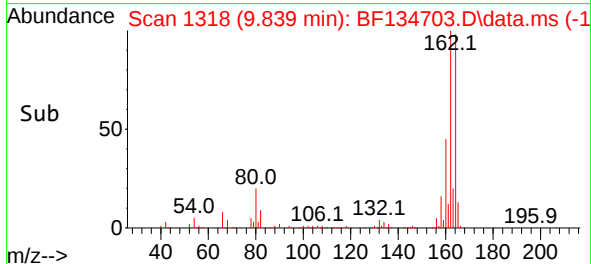
Instrument :
BNA_F
ClientSampleId :
PB154717BS



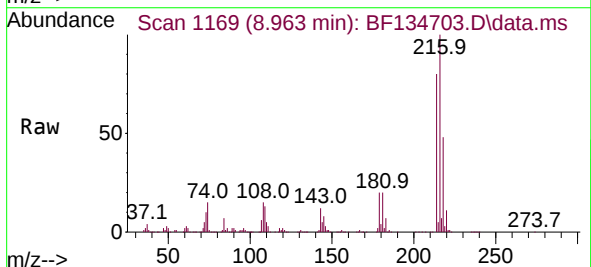
Tgt Ion:164 Resp: 357784
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.5 37.2 55.8

Manual Integrations
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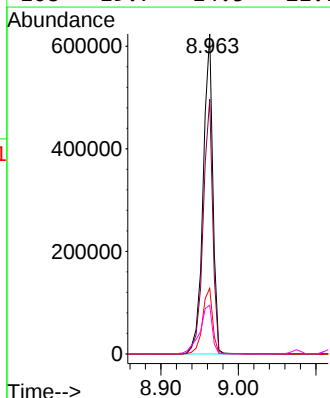
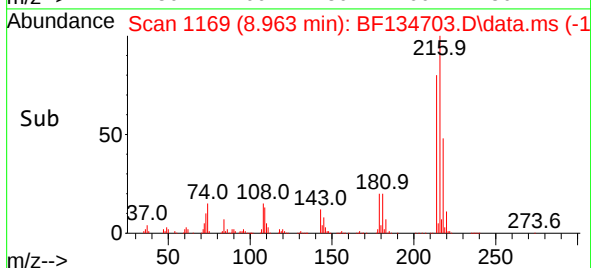
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

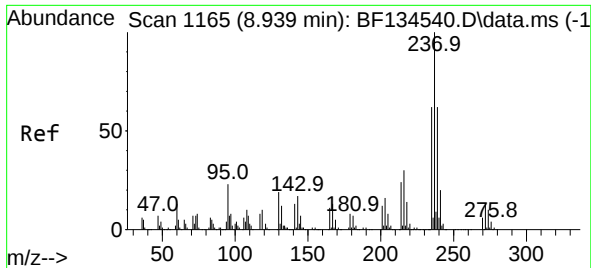


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.807 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



Tgt Ion:216 Resp: 539005
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 21.3 17.4 26.0
108 19.7 14.5 21.7





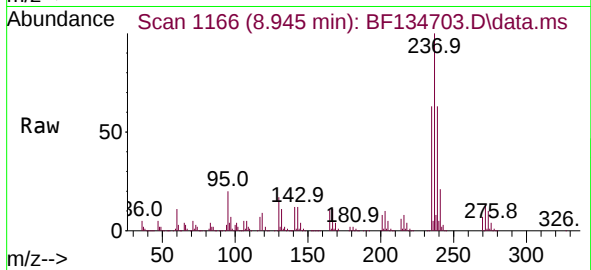
#41
Hexachlorocyclopentadiene
Concen: 106.999 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

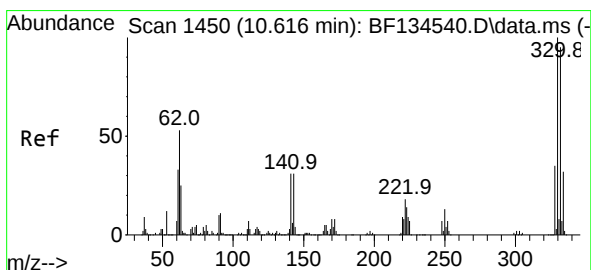
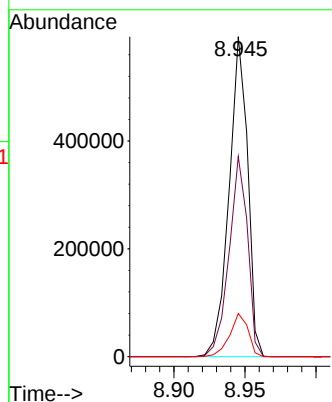
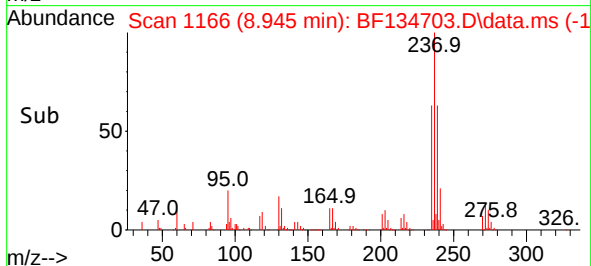


Tgt Ion:237 Resp: 541346
Ion Ratio Lower Upper
237 100
235 62.5 37.0 77.0
272 13.5 0.0 32.7

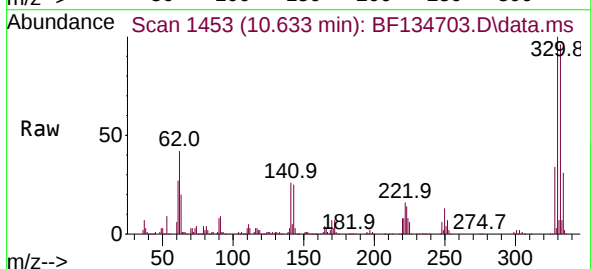
Manual Integrations

APPROVED

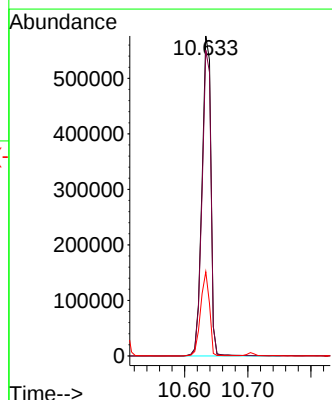
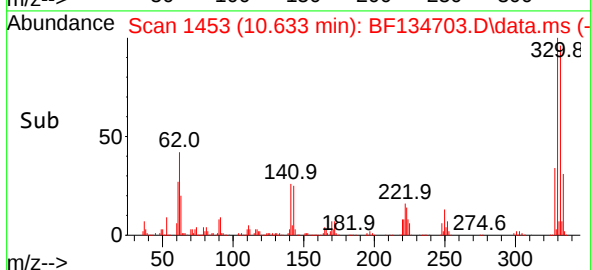
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

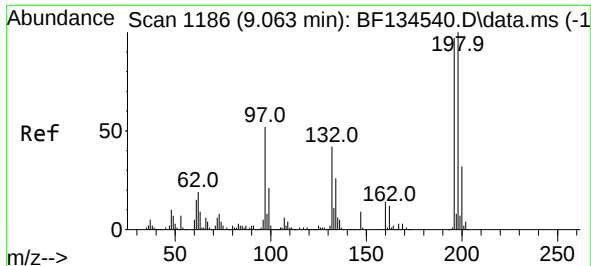


#42
2,4,6-Tribromophenol
Concen: 154.805 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



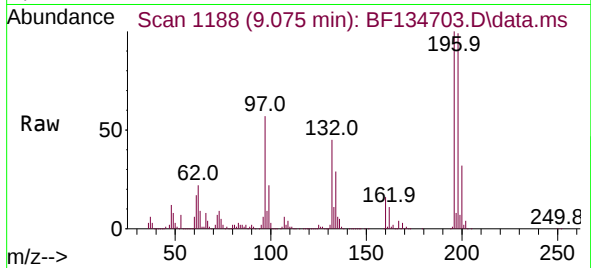
Tgt Ion:330 Resp: 564614
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 26.3 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 54.180 ng
RT: 9.075 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

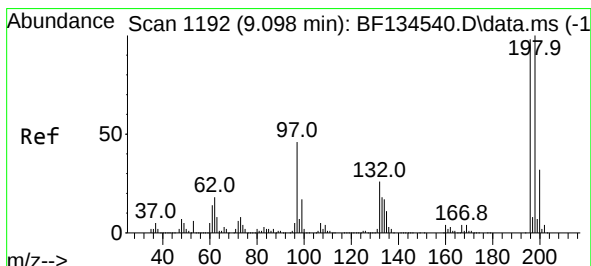
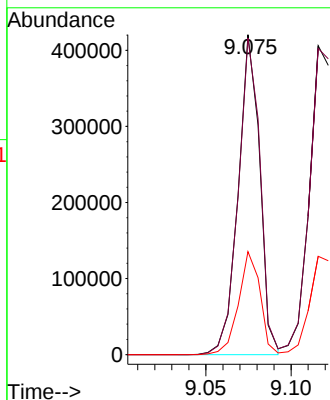
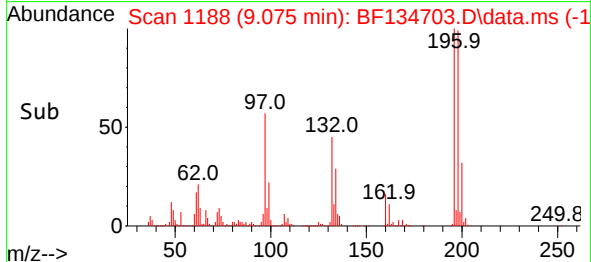
Instrument :
BNA_F
ClientSampleId :
PB154717BS



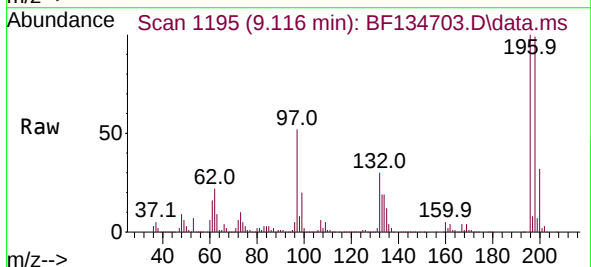
Tgt Ion:196 Resp: 368911
Ion Ratio Lower Upper
196 100
198 99.0 77.4 116.2
200 32.2 25.4 38.2

Manual Integrations
APPROVED

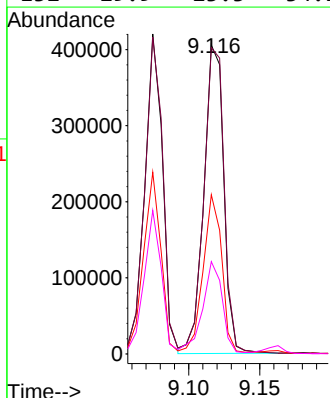
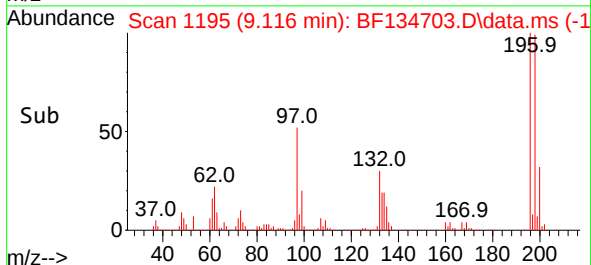
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

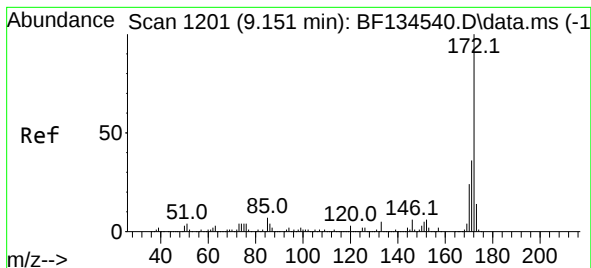


#44
2,4,5-Trichlorophenol
Concen: 50.893 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



Tgt Ion:196 Resp: 396054
Ion Ratio Lower Upper
196 100
198 99.1 73.0 109.4
97 51.5 40.8 61.2
132 29.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 93.174 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

Tgt Ion:172 Resp: 2004948

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

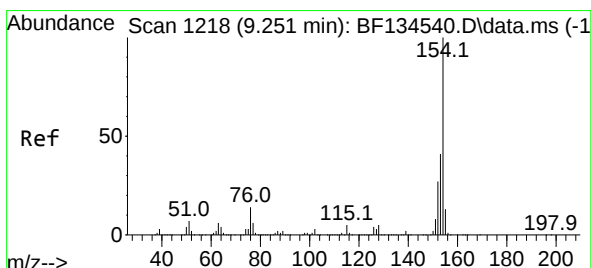
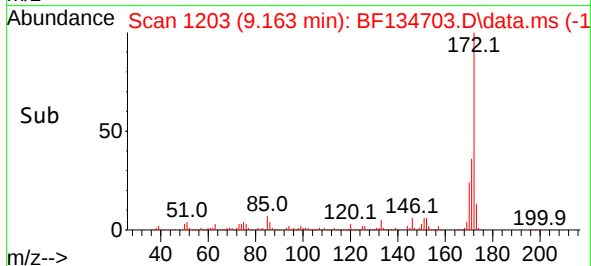
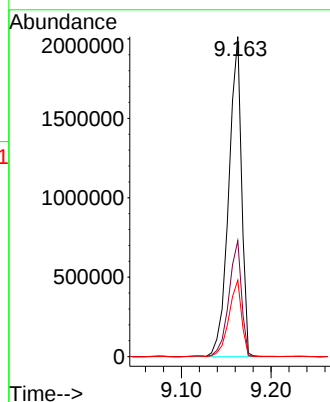
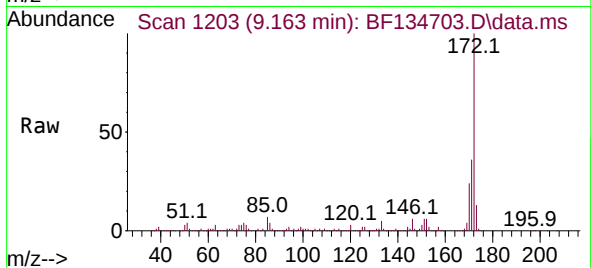
170 23.9 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#46

1,1'-Biphenyl

Concen: 49.673 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

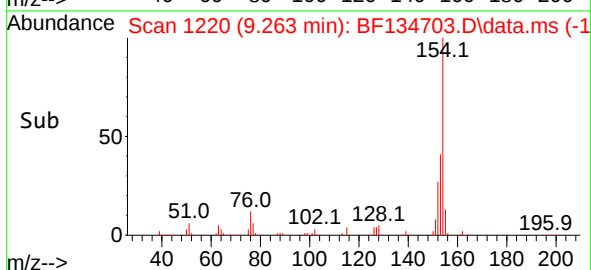
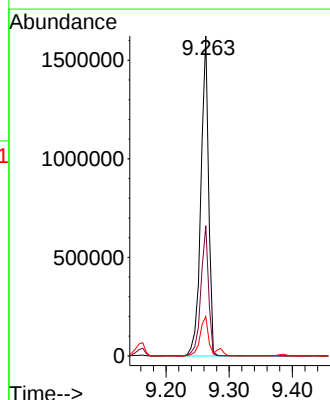
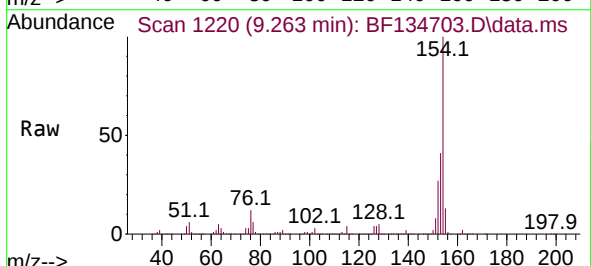
Tgt Ion:154 Resp: 1382019

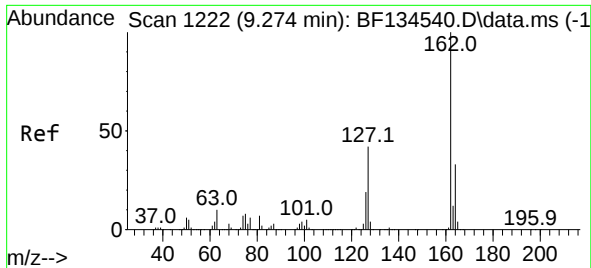
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 12.3 0.0 30.2





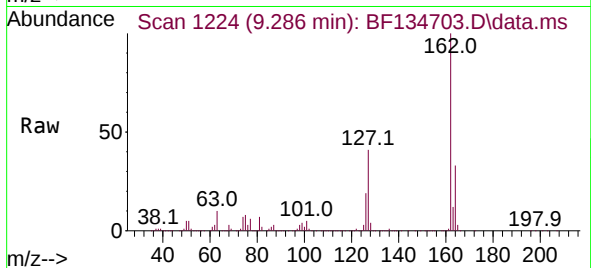
#47
2-Chloronaphthalene
Concen: 50.662 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

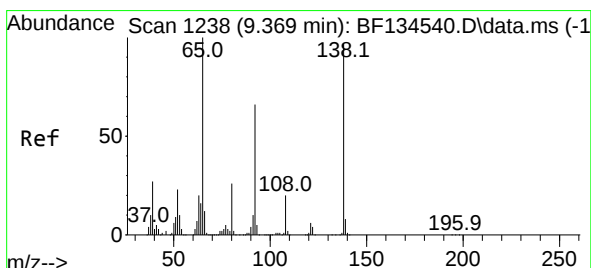
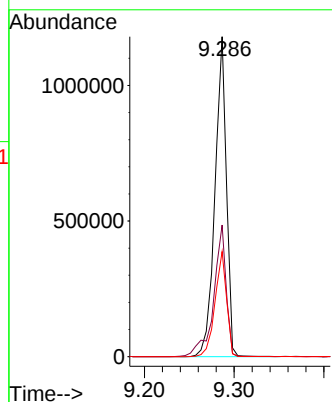
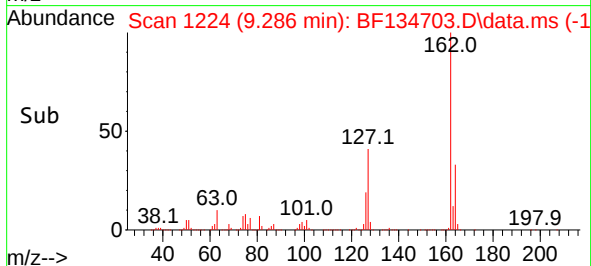


Tgt Ion:162 Resp: 1056153
Ion Ratio Lower Upper
162 100
127 41.1 34.0 51.0
164 32.8 25.7 38.5

Manual Integrations

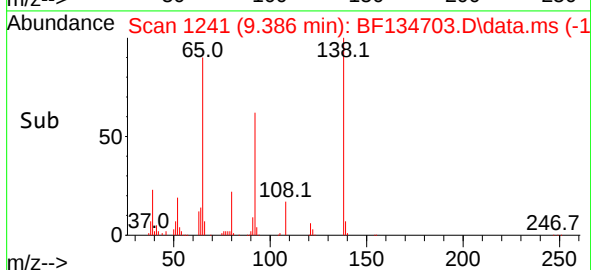
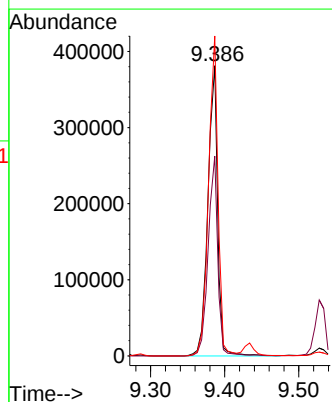
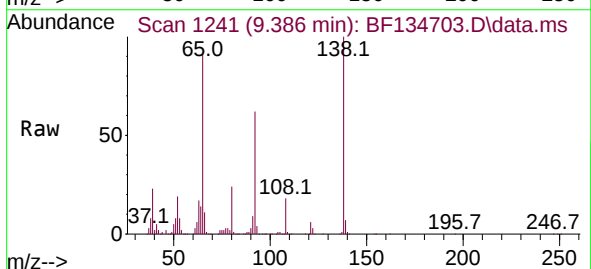
APPROVED

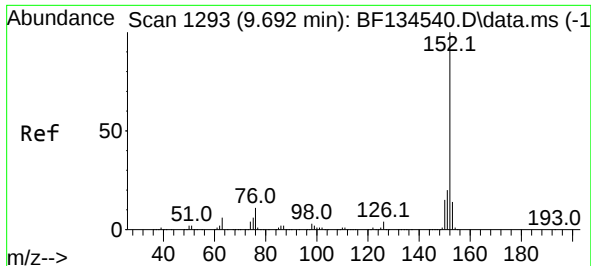
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#48
2-Nitroaniline
Concen: 53.242 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

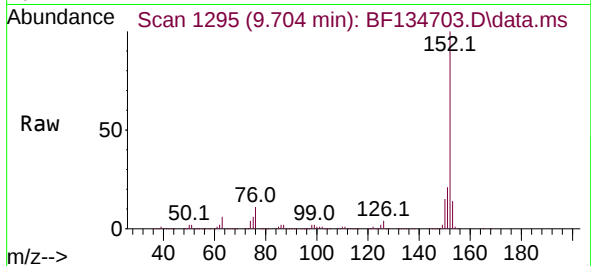
Tgt Ion: 65 Resp: 348447
Ion Ratio Lower Upper
65 100
92 68.8 50.7 76.1
138 110.3 78.2 117.4





#49
Acenaphthylene
Concen: 49.950 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

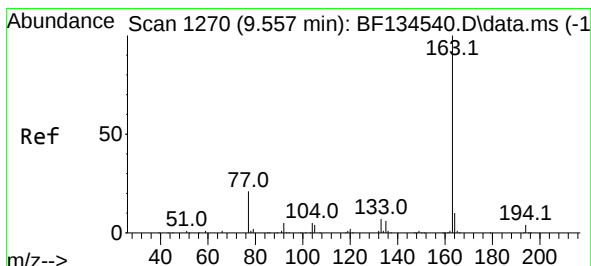
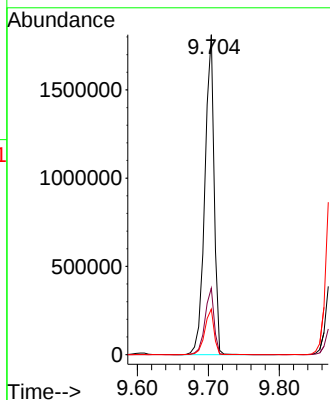
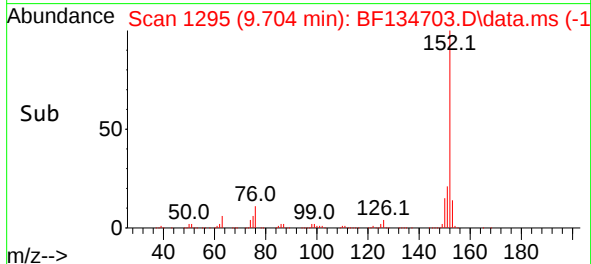
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:152 Resp: 1636846
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.2 10.9 16.3

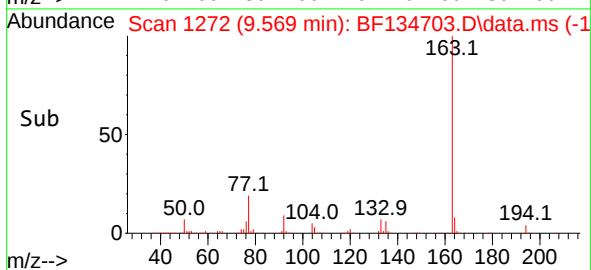
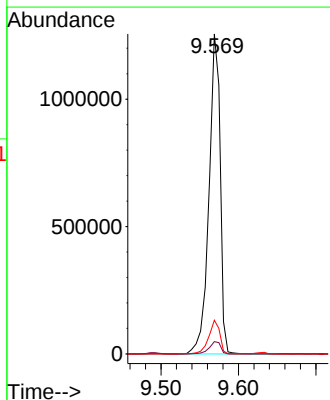
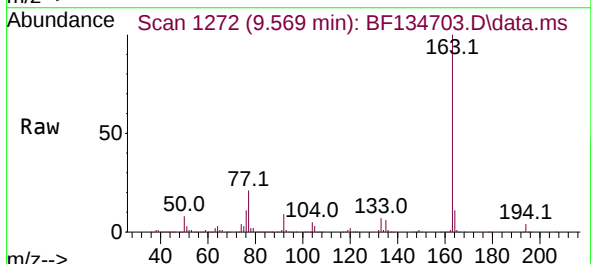
Manual Integrations
APPROVED

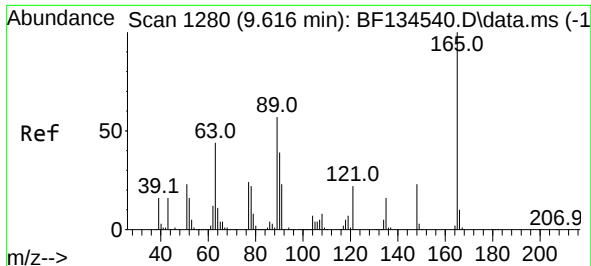
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#50
Dimethylphthalate
Concen: 51.630 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

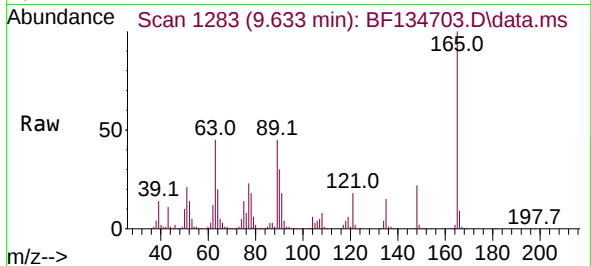
Tgt Ion:163 Resp: 1259020
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.5 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 57.875 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

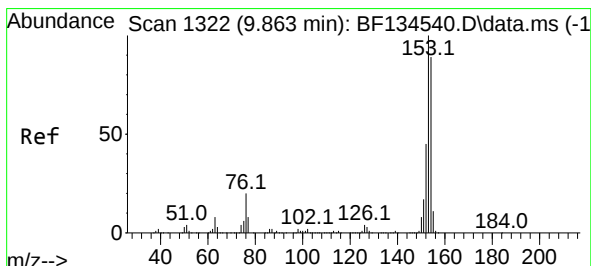
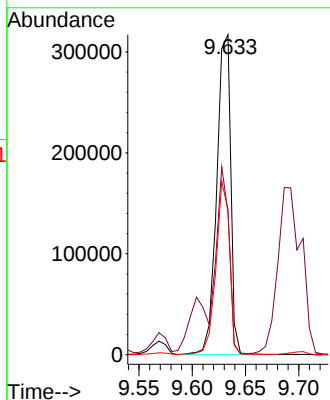
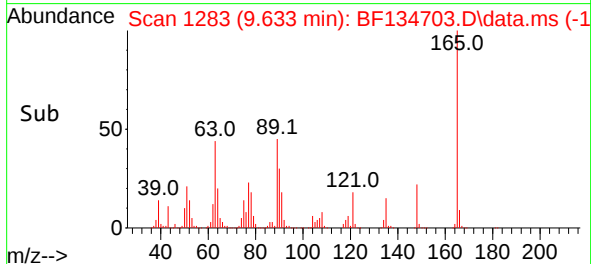
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:165 Resp: 291870
Ion Ratio Lower Upper
165 100
63 44.5 57.8 86.6
89 45.5 51.8 77.8

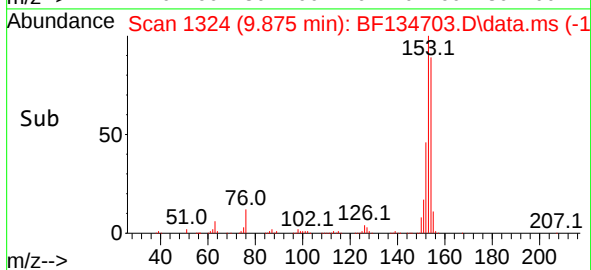
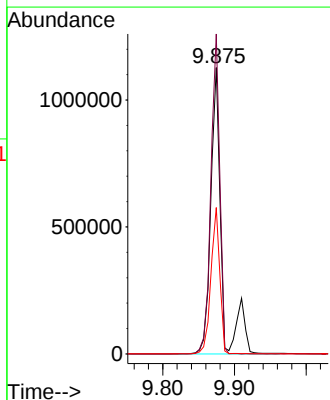
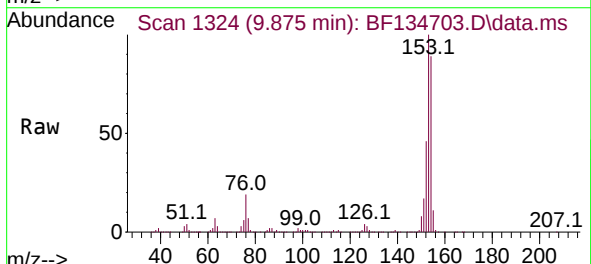
Manual Integrations
APPROVED

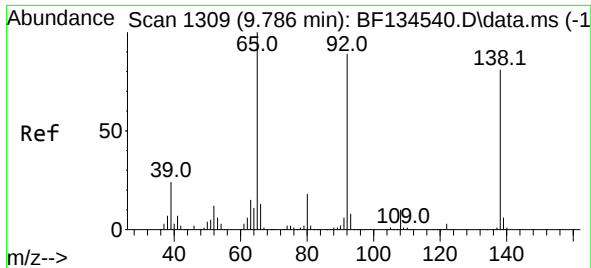
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#52
Acenaphthene
Concen: 55.091 ng m
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:154 Resp: 1169927
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 51.1 42.4 63.6





#53
3-Nitroaniline
Concen: 42.617 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

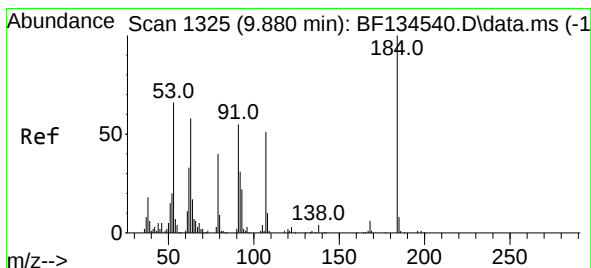
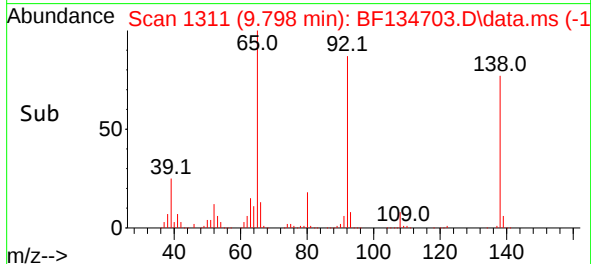
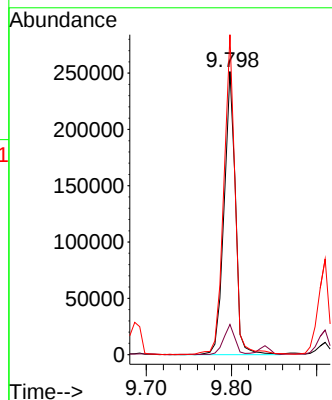
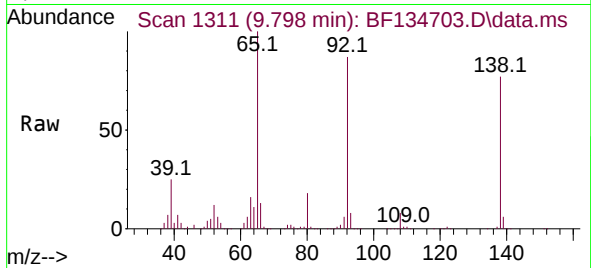
PB154717BS

Tgt Ion:138 Resp: 231635
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 113.0 86.6 129.8

Manual Integrations

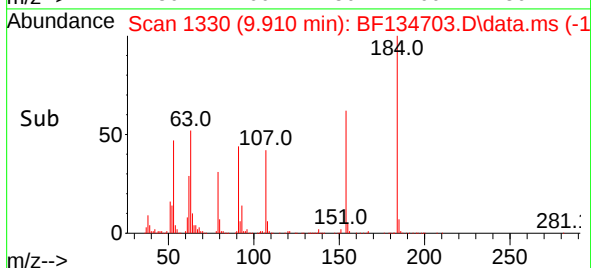
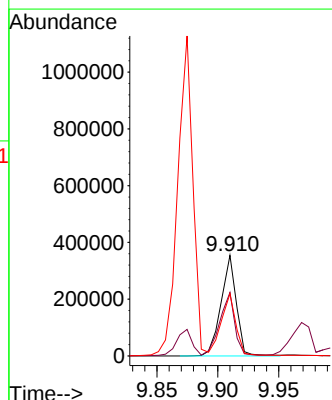
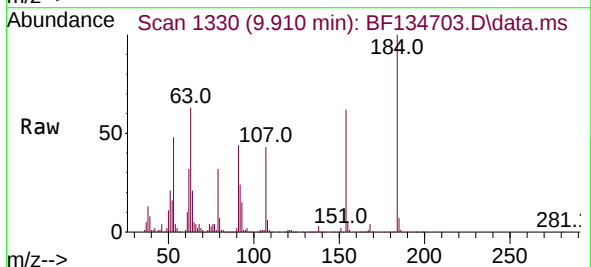
APPROVED

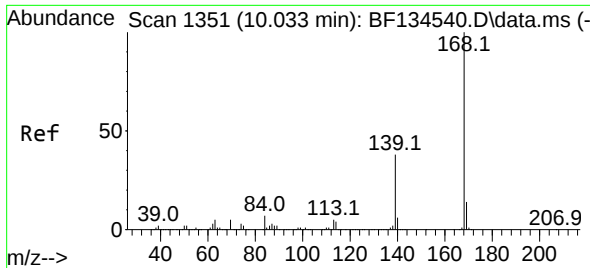
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#54
2,4-Dinitrophenol
Concen: 126.001 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

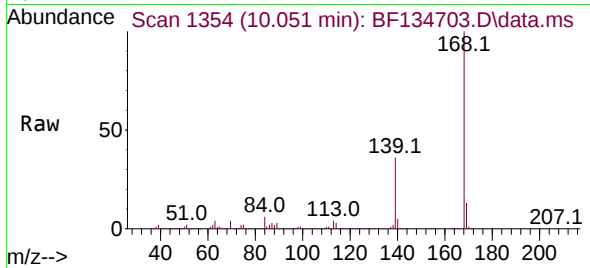
Tgt Ion:184 Resp: 310005
Ion Ratio Lower Upper
184 100
63 63.0 57.1 85.7
154 61.7 59.1 88.7





#55
Dibenzenofuran
Concen: 48.077 ng
RT: 10.051 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

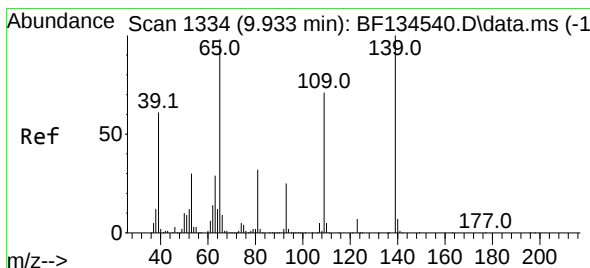
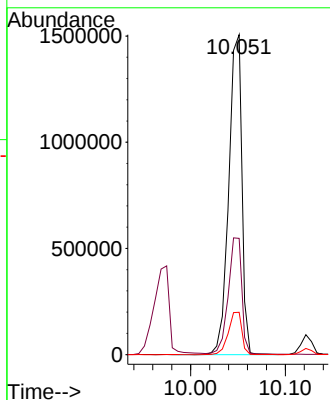
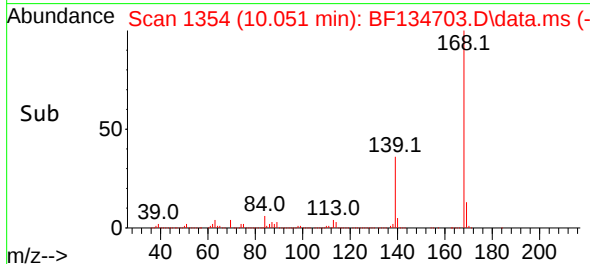
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:168 Resp: 1453419
Ion Ratio Lower Upper
168 100
139 36.3 33.4 50.2
169 13.2 10.6 15.8

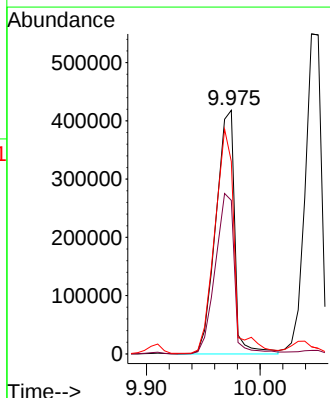
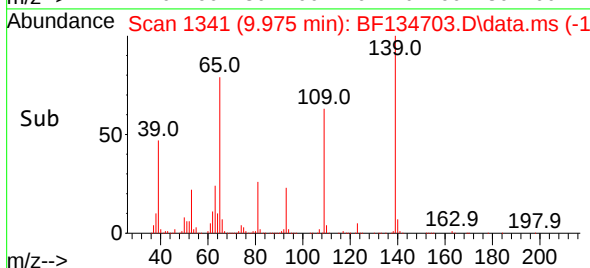
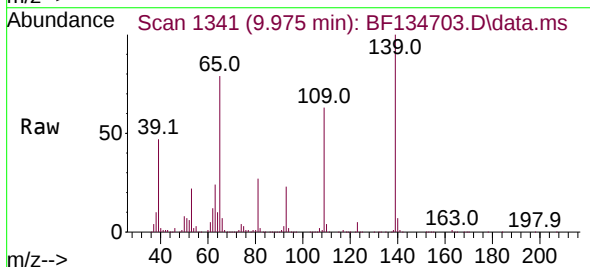
Manual Integrations
APPROVED

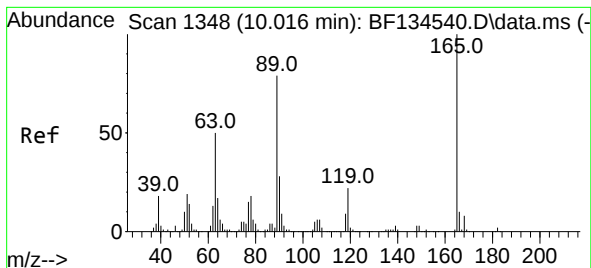
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#56
4-Nitrophenol
Concen: 108.064 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

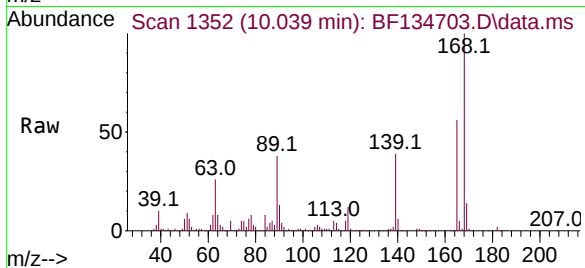
Tgt Ion:139 Resp: 480388
Ion Ratio Lower Upper
139 100
109 63.0 76.9 116.9#
65 79.0 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 59.105 ng
RT: 10.039 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

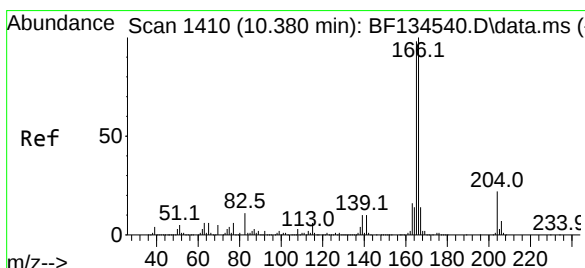
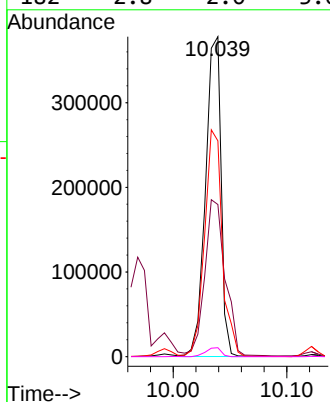
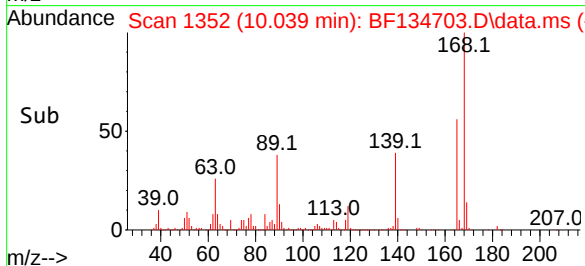
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:165 Resp: 360919
Ion Ratio Lower Upper
165 100
63 47.5 48.9 73.3
89 67.4 61.7 92.5
182 2.8 2.0 3.0

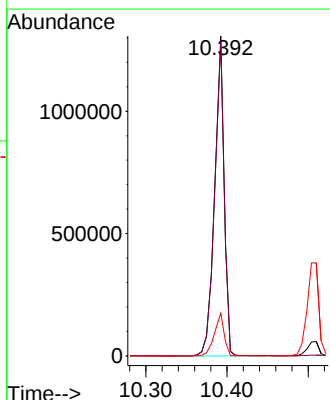
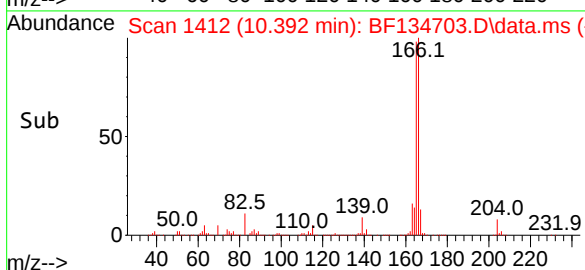
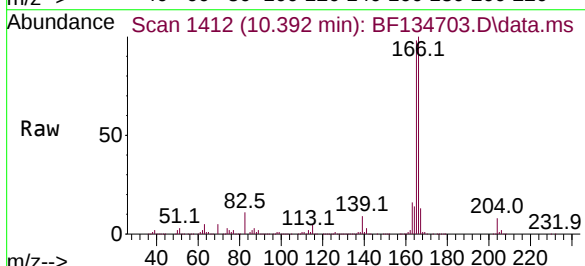
Manual Integrations
APPROVED

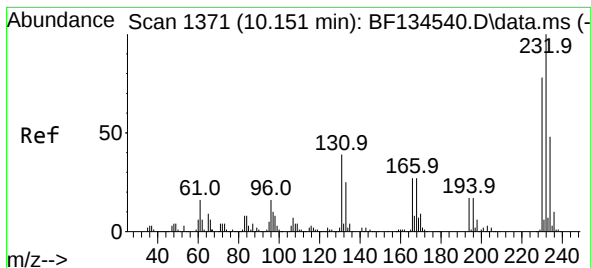
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#58
Fluorene
Concen: 48.711 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:166 Resp: 1072602
Ion Ratio Lower Upper
166 100
165 98.4 74.5 111.7
167 13.3 10.6 16.0





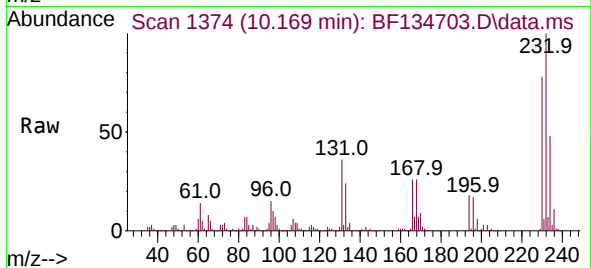
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.162 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

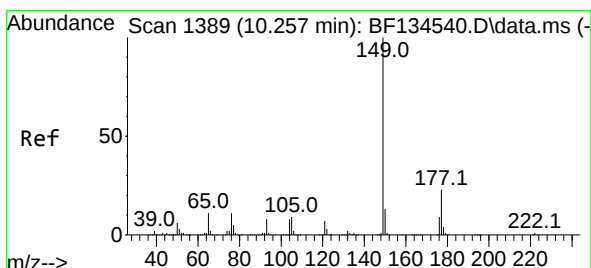
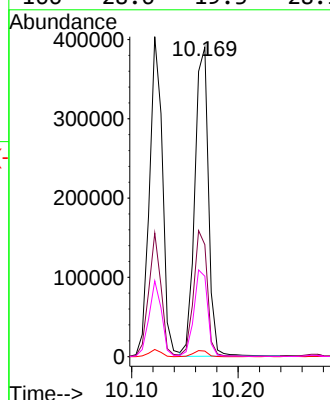
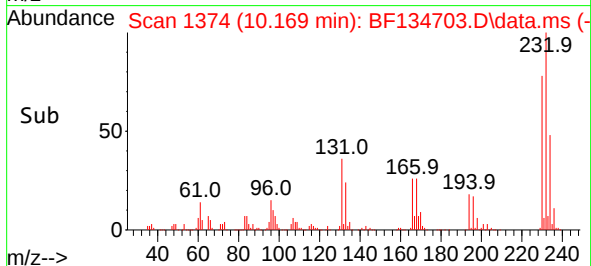


Tgt Ion:232 Resp: 345778
Ion Ratio Lower Upper
232 100
131 40.8 33.4 50.0
130 2.0 1.8 2.6
166 28.6 19.3 28.9

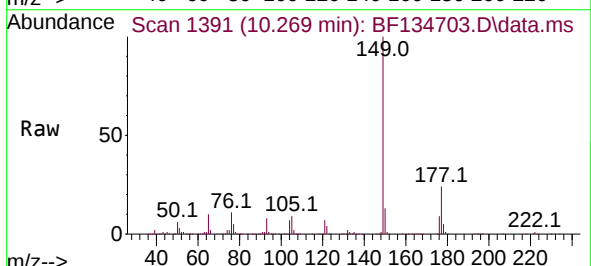
Manual Integrations

APPROVED

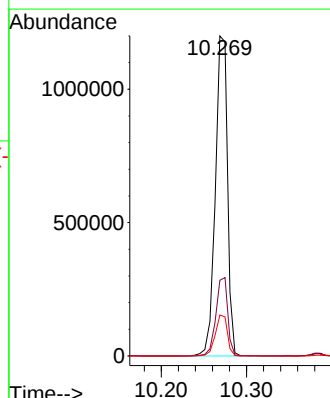
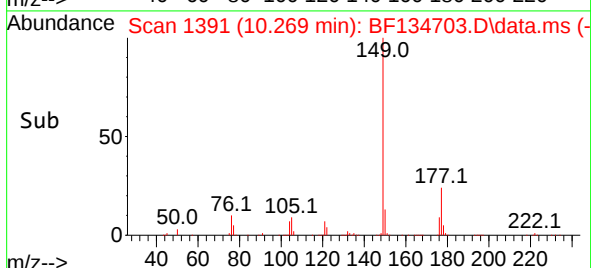
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

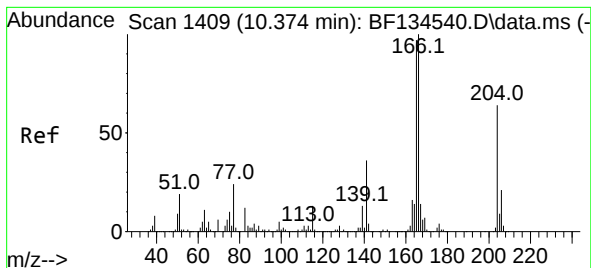


#60
Diethylphthalate
Concen: 51.318 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



Tgt Ion:149 Resp: 1186176
Ion Ratio Lower Upper
149 100
177 23.6 17.0 25.4
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 50.870 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

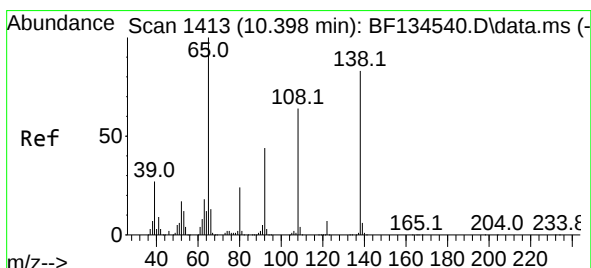
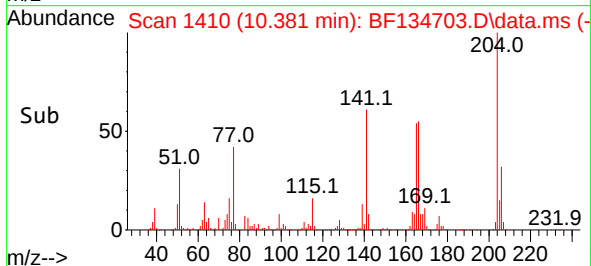
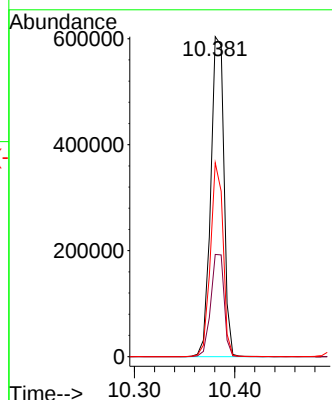
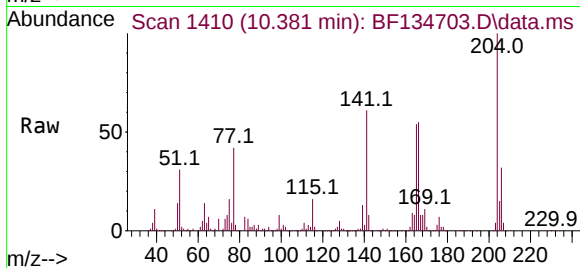
PB154717BS

Tgt Ion:204 Resp: 550579
Ion Ratio Lower Upper
204 100
206 31.9 26.0 39.0
141 60.6 52.2 78.4

Manual Integrations

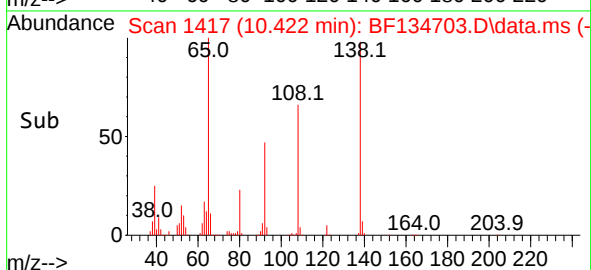
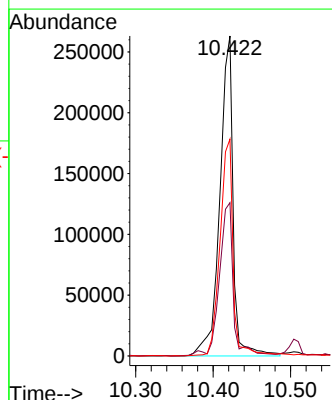
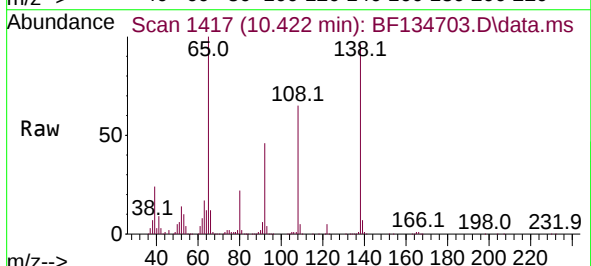
APPROVED

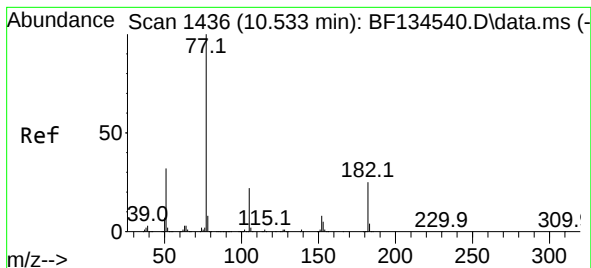
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#62
4-Nitroaniline
Concen: 58.696 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

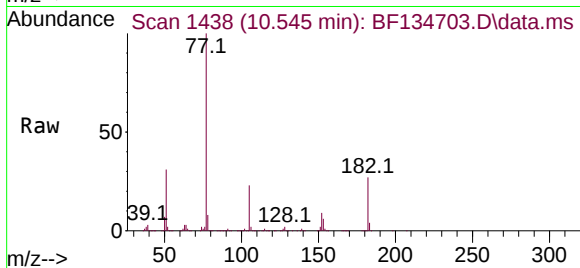
Tgt Ion:138 Resp: 312700
Ion Ratio Lower Upper
138 100
92 47.9 27.0 67.0
108 67.7 70.4 110.4#





#63
Azobenzene
Concen: 47.749 ng
RT: 10.545 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

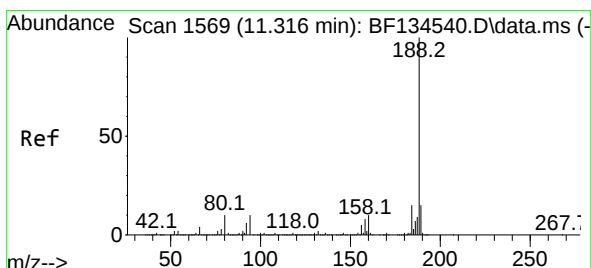
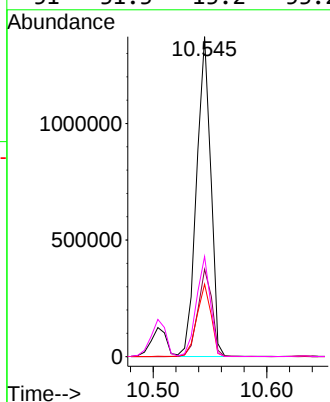
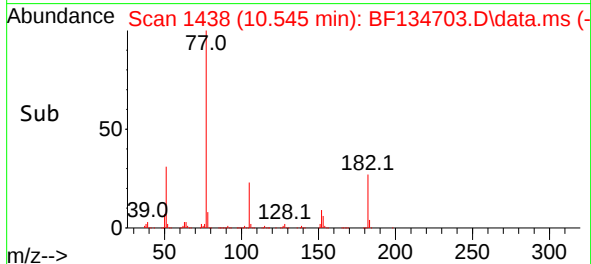
Instrument :
BNA_F
ClientSampleId :
PB154717BS



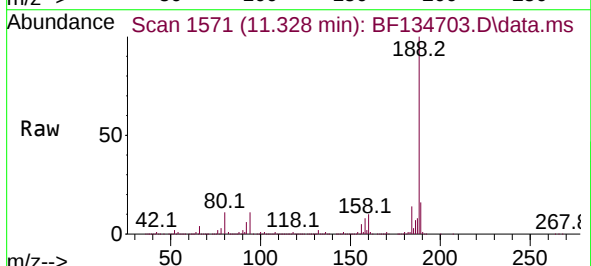
Tgt Ion: 77 Resp: 1185800
Ion Ratio Lower Upper
77 100
182 27.3 7.5 47.5
105 22.6 1.9 41.9
51 31.3 13.2 53.2

Manual Integrations
APPROVED

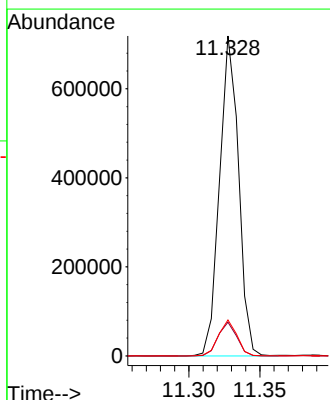
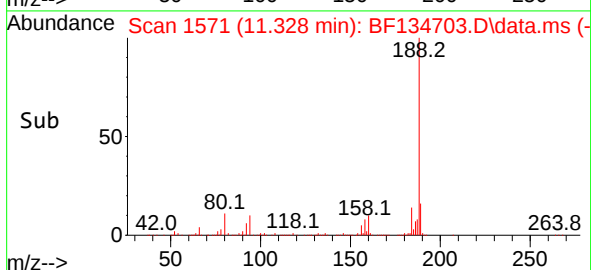
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

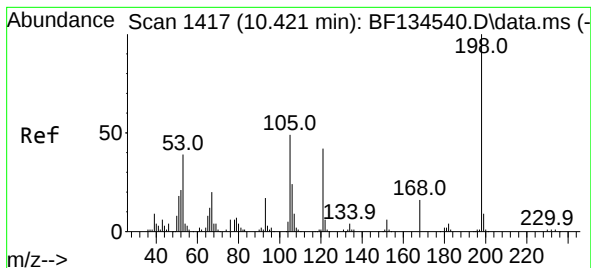


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



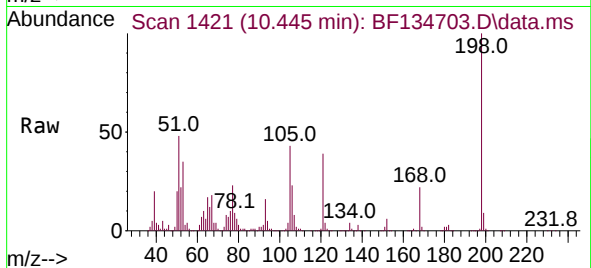
Tgt Ion:188 Resp: 671300
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7#
80 11.2 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 71.339 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

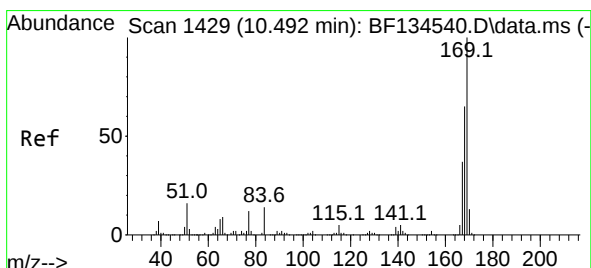
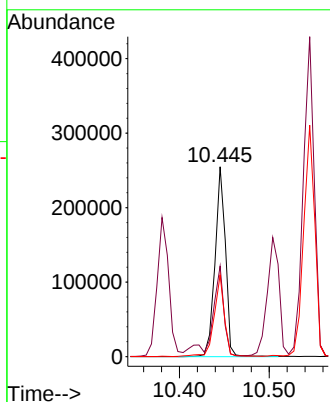
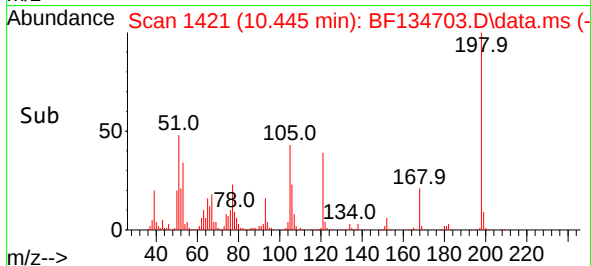
Instrument :
BNA_F
ClientSampleId :
PB154717BS



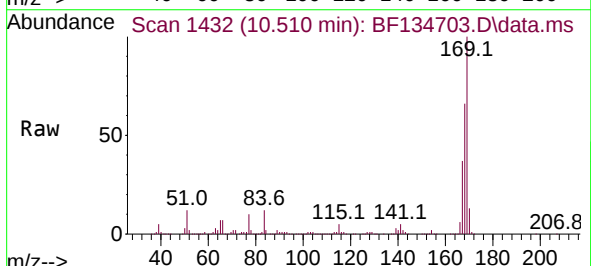
Tgt Ion:198 Resp: 207579
Ion Ratio Lower Upper
198 100
51 47.7 38.6 78.6
105 43.0 27.9 67.9

Manual Integrations
APPROVED

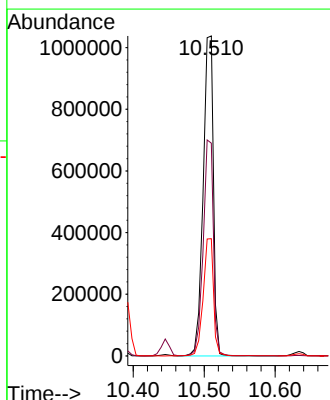
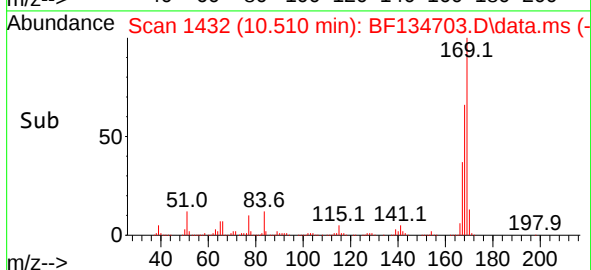
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

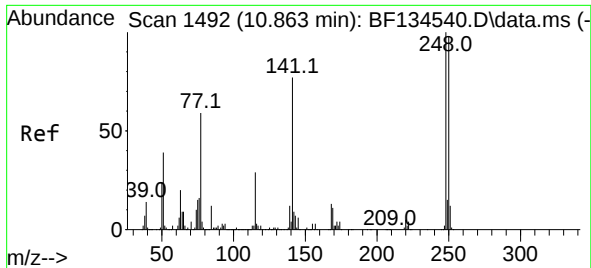


#66
n-Nitrosodiphenylamine
Concen: 48.355 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



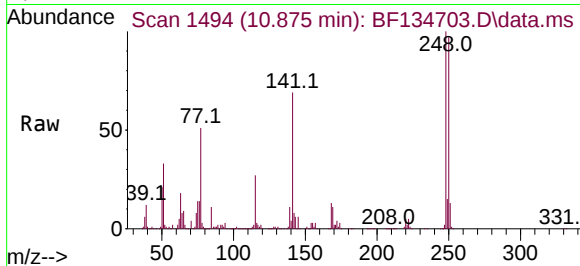
Tgt Ion:169 Resp: 1033209
Ion Ratio Lower Upper
169 100
168 66.5 52.6 78.8
167 36.6 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 52.063 ng
RT: 10.875 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

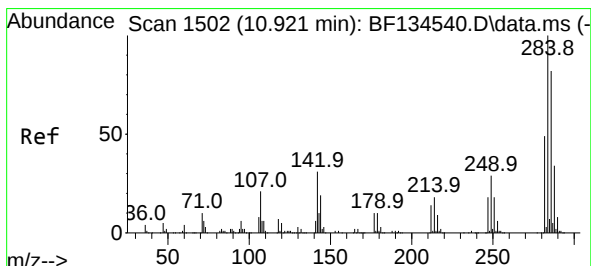
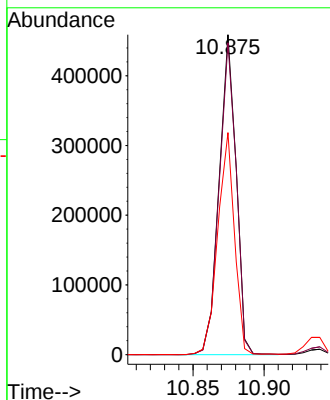
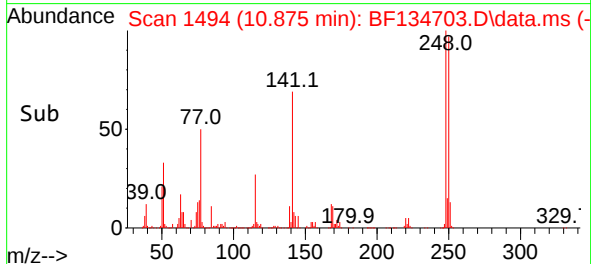
Instrument :
BNA_F
ClientSampleId :
PB154717BS



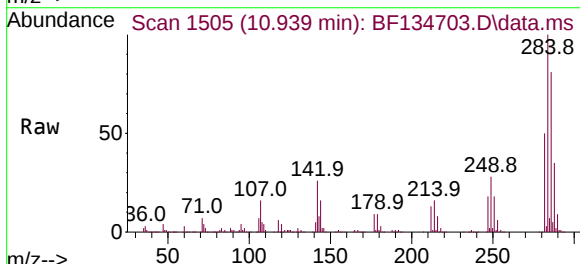
Tgt Ion:248 Resp: 382588
Ion Ratio Lower Upper
248 100
250 97.5 79.6 119.4
141 69.4 59.6 89.4

Manual Integrations
APPROVED

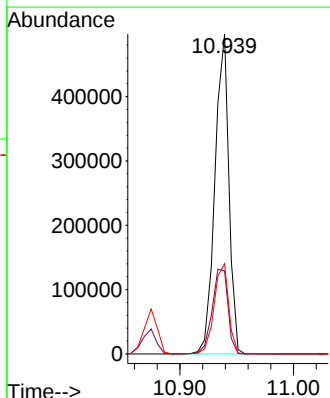
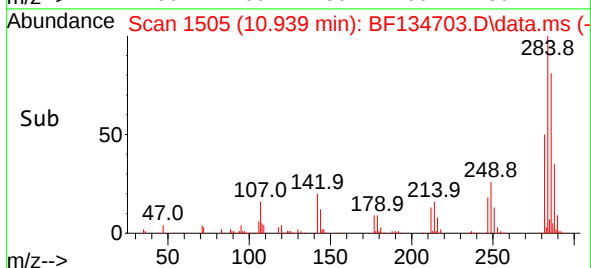
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

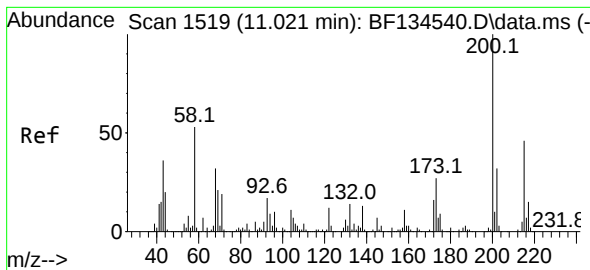


#68
Hexachlorobenzene
Concen: 54.685 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



Tgt Ion:284 Resp: 424359
Ion Ratio Lower Upper
284 100
142 25.9 26.5 39.7#
249 28.2 23.8 35.8





#69

Atrazine

Concen: 63.983 ng

RT: 11.039 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

Tgt Ion:200 Resp: 368488

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

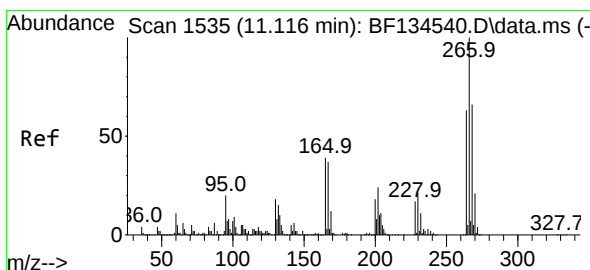
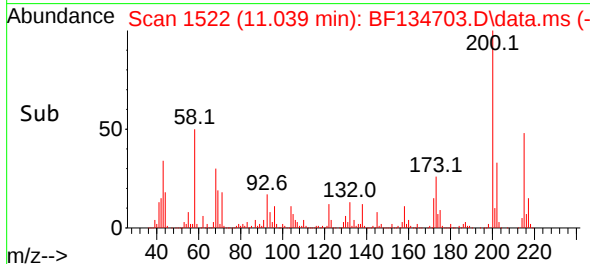
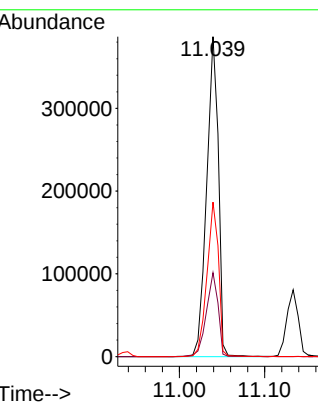
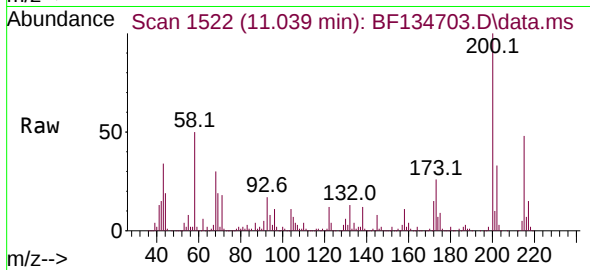
215 48.3 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#70

Pentachlorophenol

Concen: 88.229 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

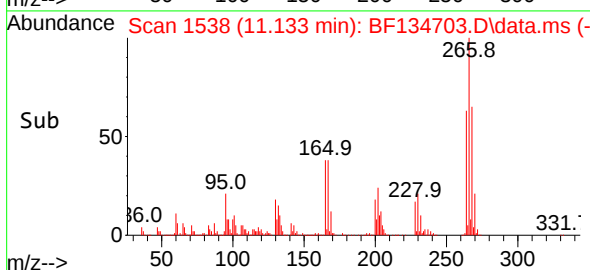
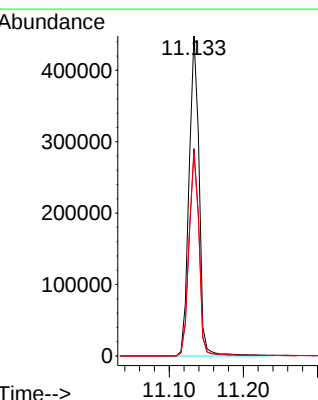
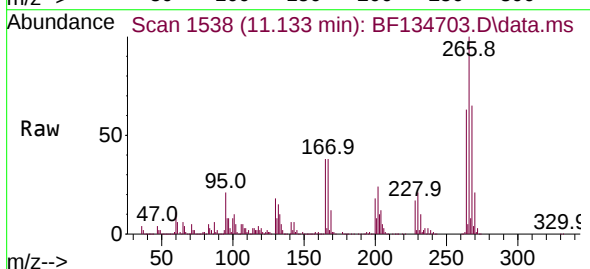
Tgt Ion:266 Resp: 423915

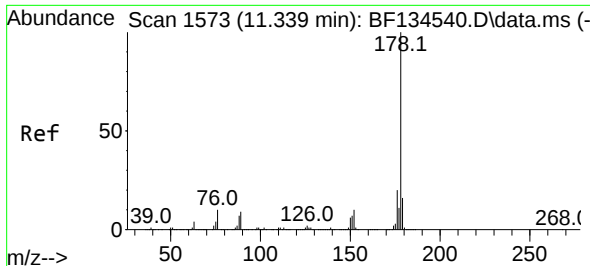
Ion Ratio Lower Upper

266 100

268 64.8 52.9 79.3

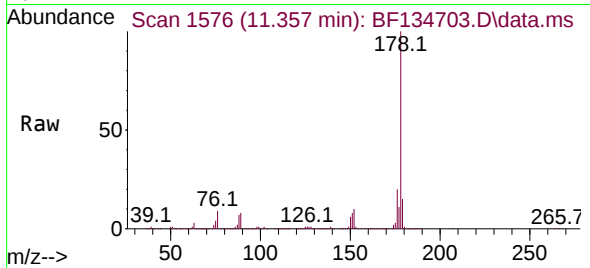
264 63.4 47.8 71.6





#71
Phenanthrene
Concen: 48.503 ng
RT: 11.357 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

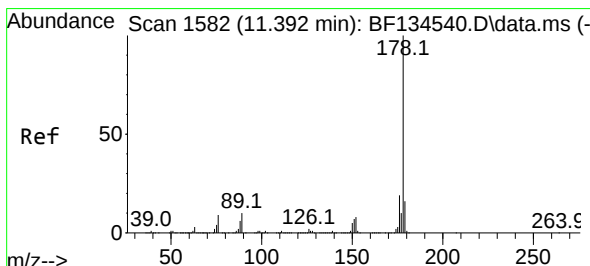
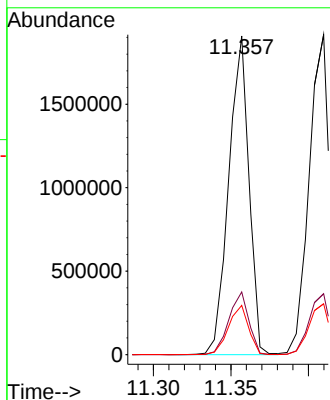
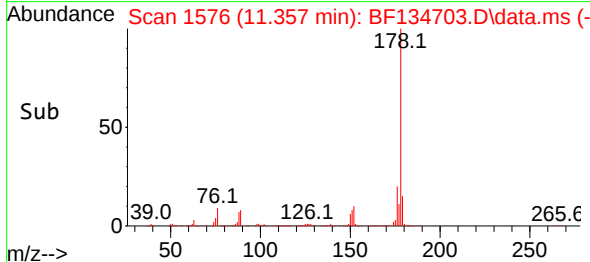
Instrument :
BNA_F
ClientSampleId :
PB154717BS



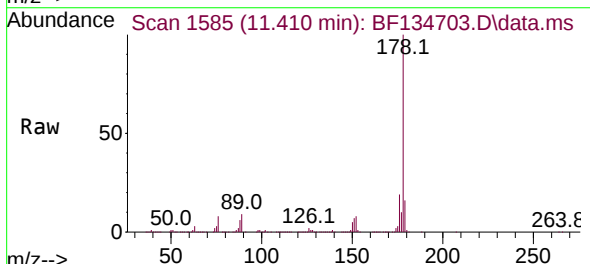
Tgt Ion:178 Resp: 1729476
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 12.7 19.1

Manual Integrations
APPROVED

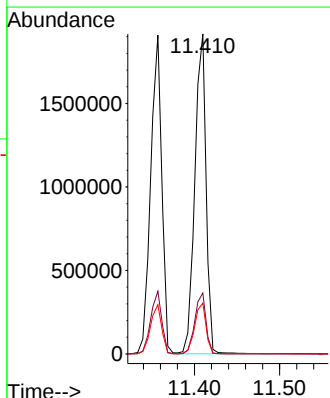
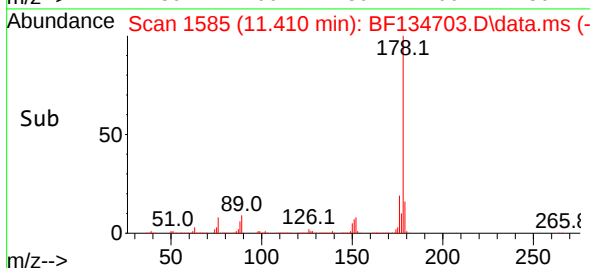
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

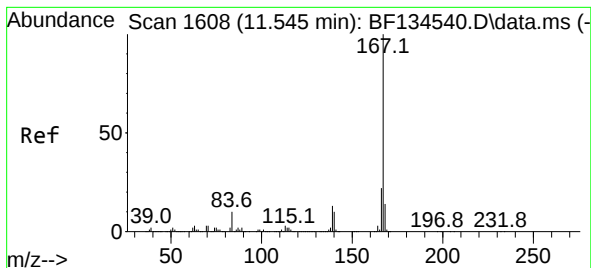


#72
Anthracene
Concen: 48.074 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07



Tgt Ion:178 Resp: 1750917
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.9 12.3 18.5





#73

Carbazole

Concen: 48.729 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

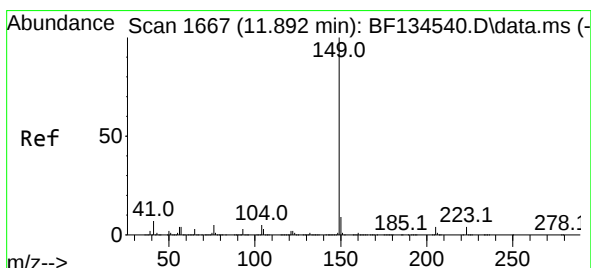
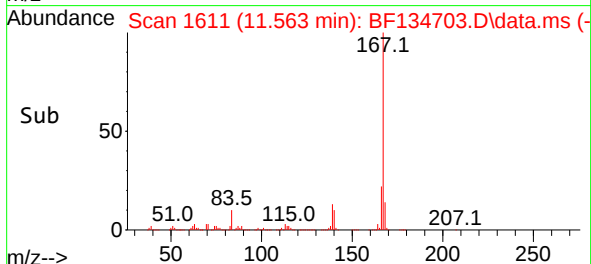
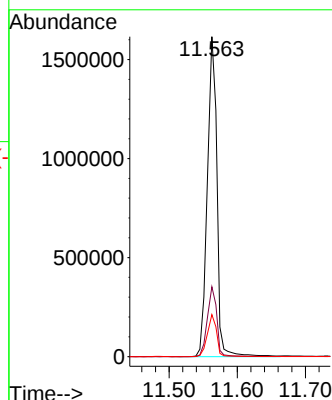
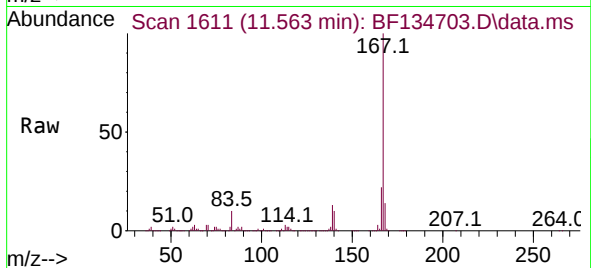
PB154717BS

Tgt Ion:167 Resp: 1584664
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023



#74

Di-n-butylphthalate

Concen: 54.692 ng

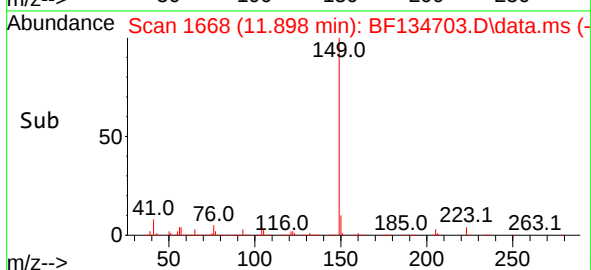
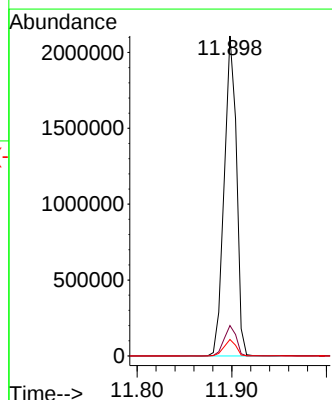
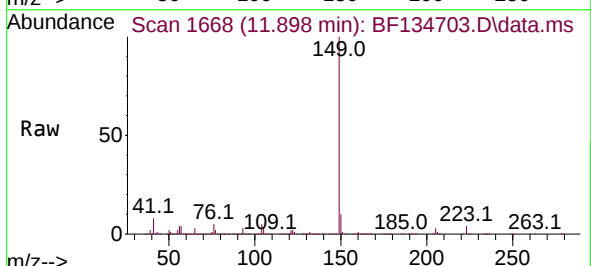
RT: 11.898 min Scan# 1668

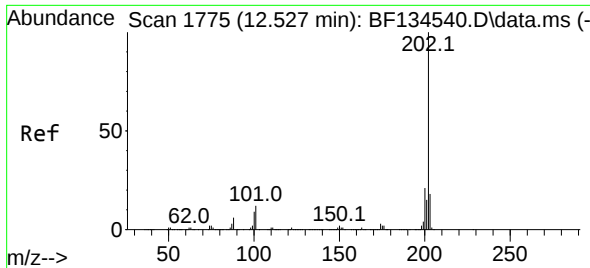
Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

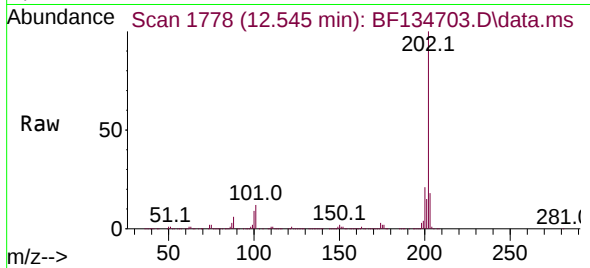
Tgt Ion:149 Resp: 1889530
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.1 3.8 5.8





#75
Fluoranthene
Concen: 48.795 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

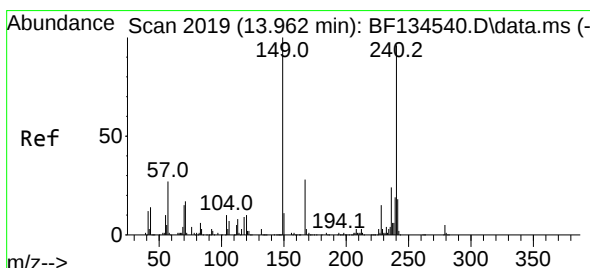
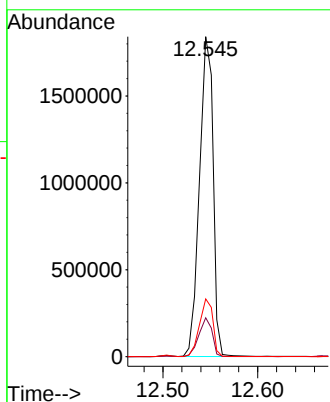
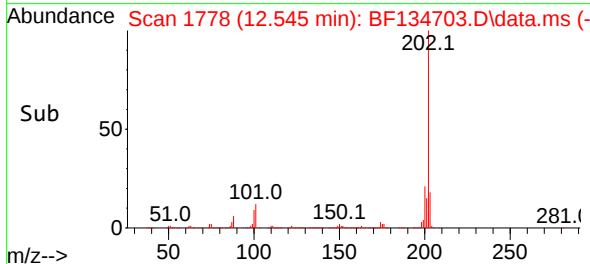
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:202 Resp: 183784
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 18.0 0.0 37.5

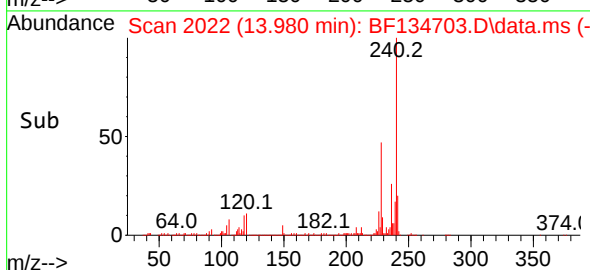
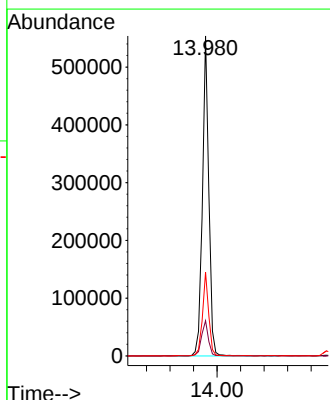
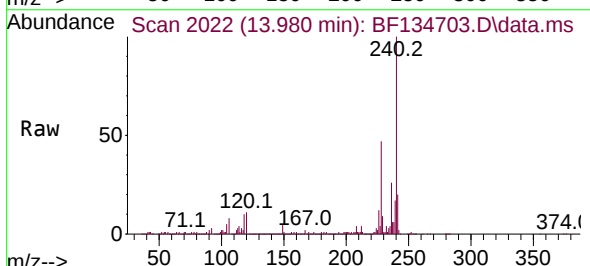
Manual Integrations
APPROVED

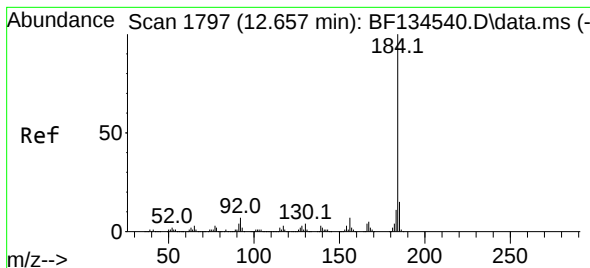
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:240 Resp: 416910
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 26.2 20.2 30.2





#77

Benzidine

Concen: 77.330 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

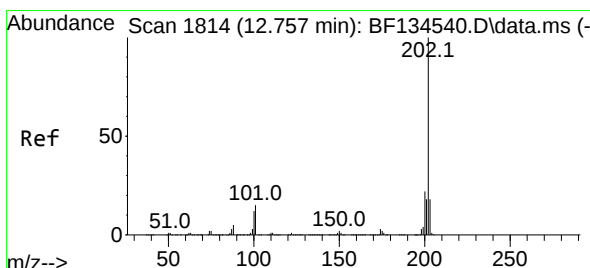
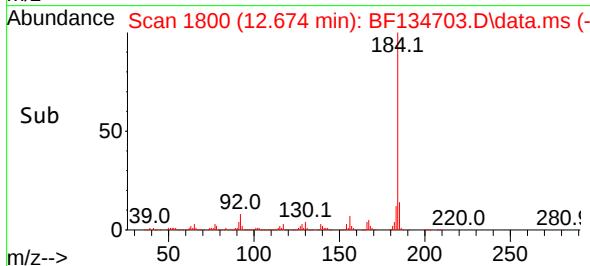
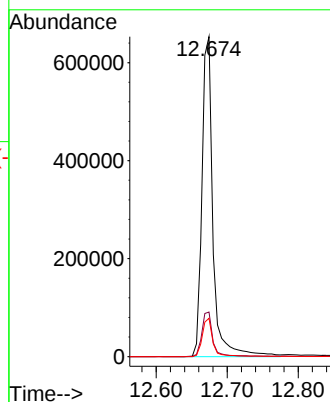
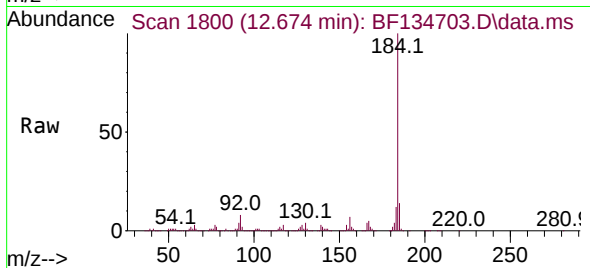
PB154717BS

Tgt Ion:184 Resp: 699859
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.2 16.8
 183 12.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023



#78

Pyrene

Concen: 51.417 ng

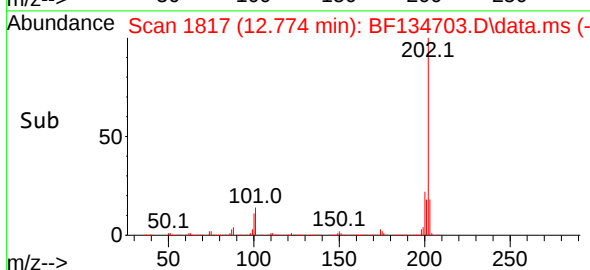
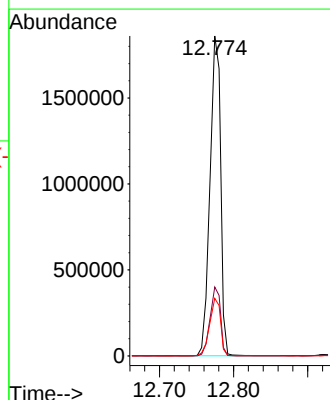
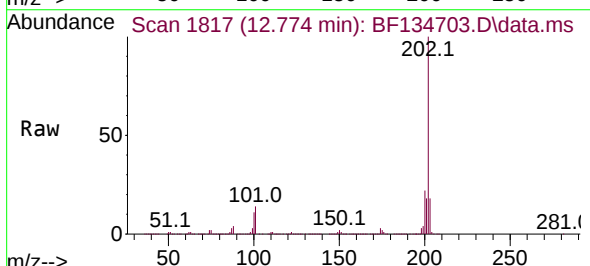
RT: 12.774 min Scan# 1817

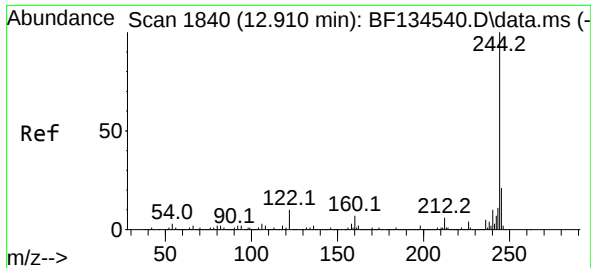
Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Tgt Ion:202 Resp: 1854894
 Ion Ratio Lower Upper
 202 100
 200 21.5 15.8 23.8
 203 18.0 13.5 20.3





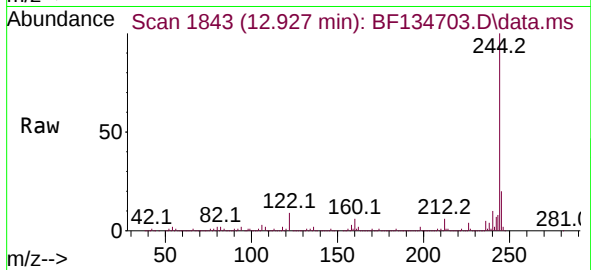
#79
 Terphenyl-d14
 Concen: 103.587 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

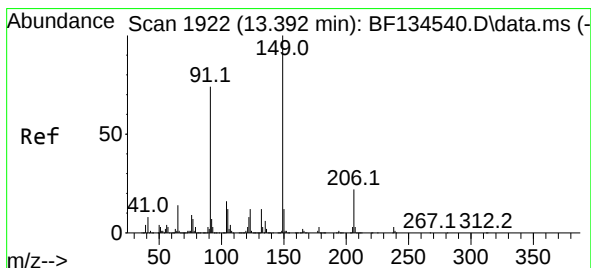
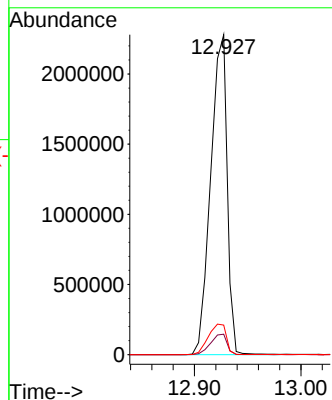
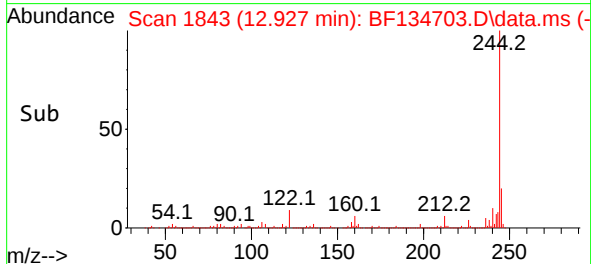


Tgt Ion:244 Resp: 2449789
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.2 8.0 12.0

Manual Integrations

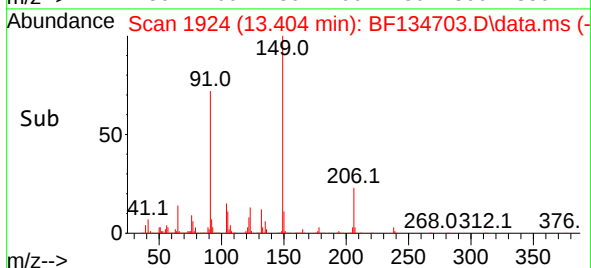
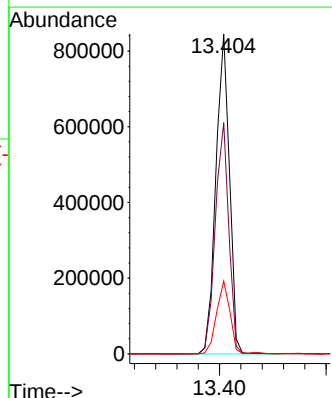
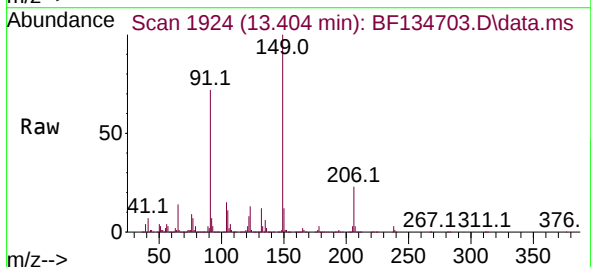
APPROVED

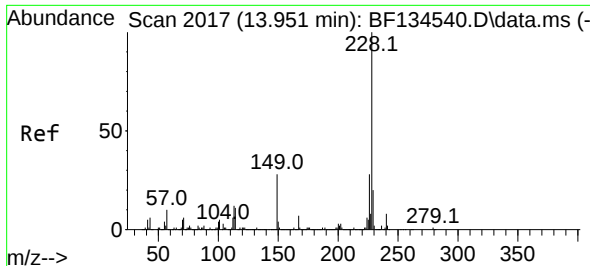
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023



#80
 Butylbenzylphthalate
 Concen: 61.100 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

Tgt Ion:149 Resp: 745354
 Ion Ratio Lower Upper
 149 100
 91 72.3 55.8 83.6
 206 22.7 14.6 21.8#





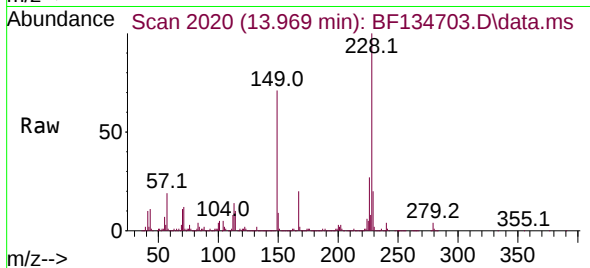
#81
Benzo(a)anthracene
Concen: 46.499 ng
RT: 13.969 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

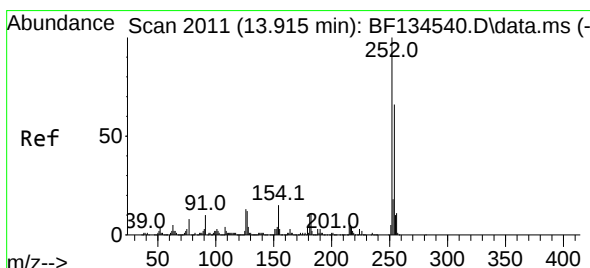
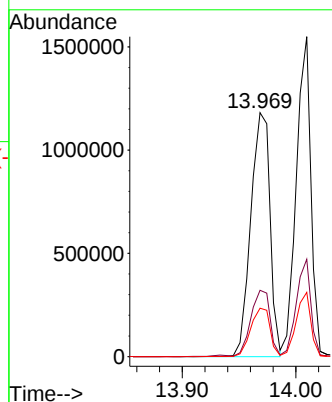
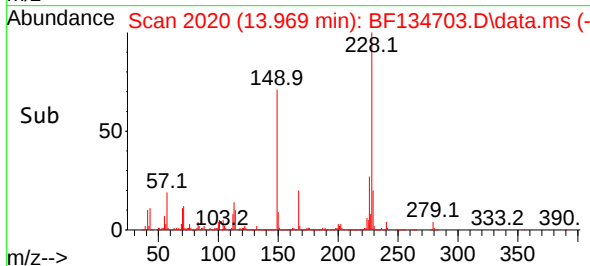


Tgt Ion:228 Resp: 1386175
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.9 15.8 23.6

Manual Integrations

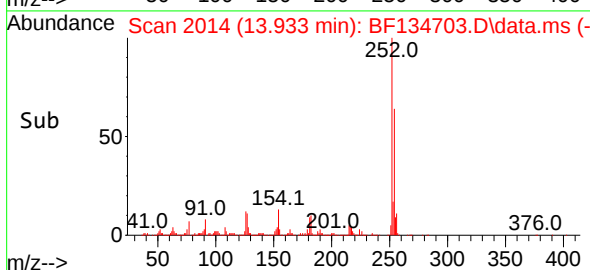
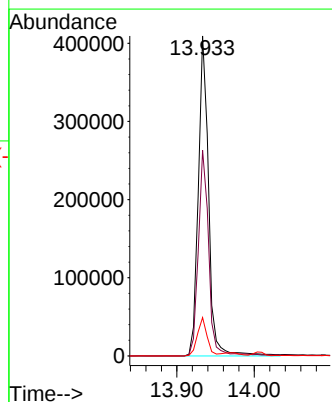
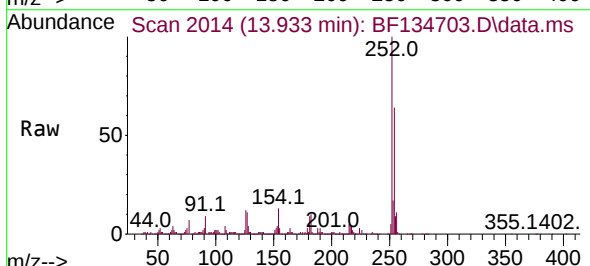
APPROVED

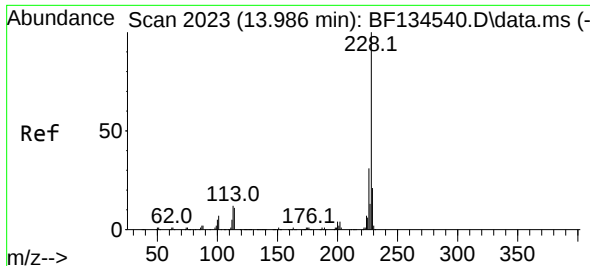
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.709 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

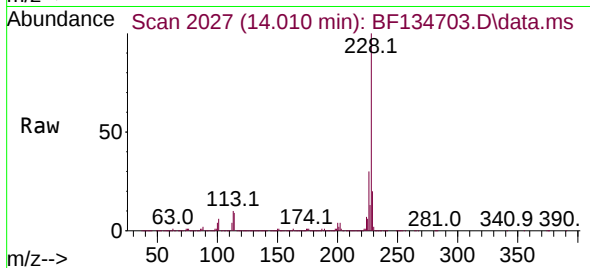
Tgt Ion:252 Resp: 377692
Ion Ratio Lower Upper
252 100
254 64.3 52.7 79.1
126 12.0 7.2 10.8





#83
Chrysene
Concen: 48.232 ng
RT: 14.010 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

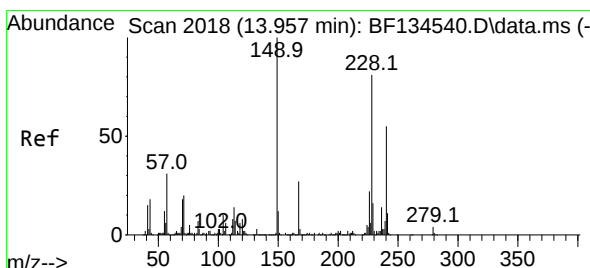
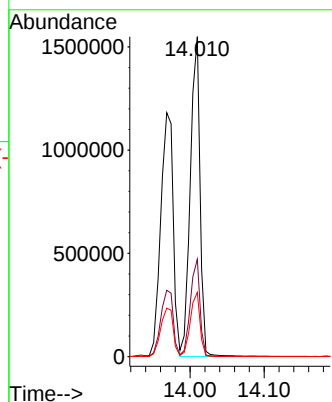
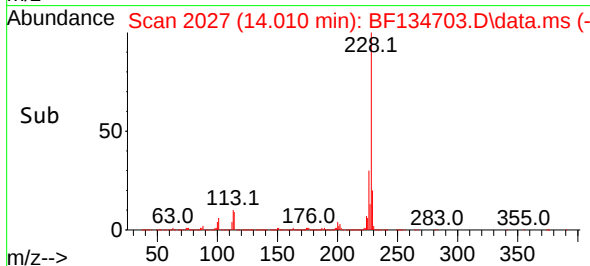
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:228 Resp: 1400855
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.1 15.8 23.8

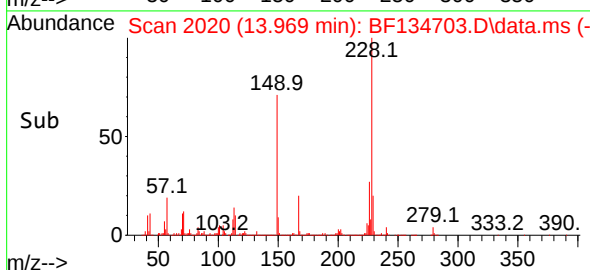
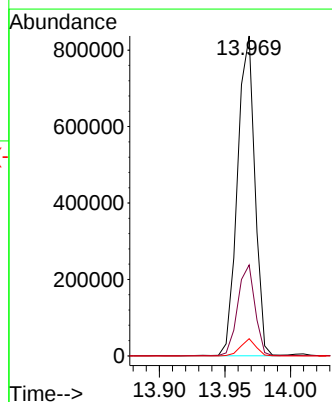
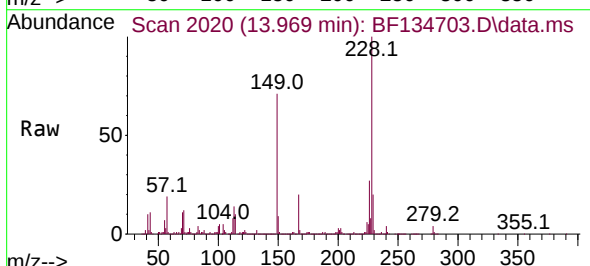
Manual Integrations
APPROVED

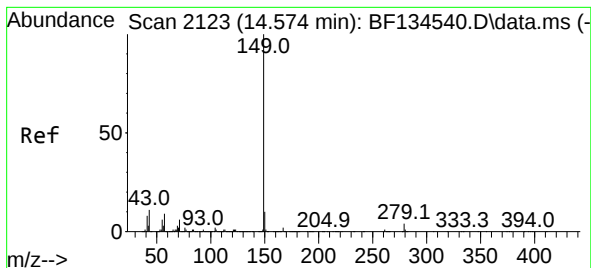
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.879 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

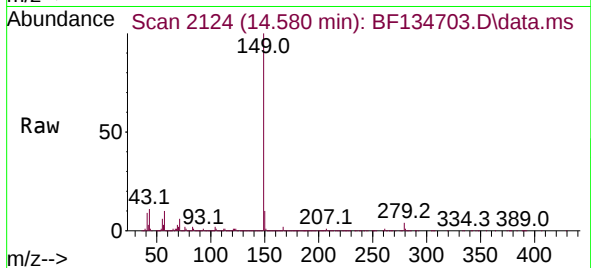
Tgt Ion:149 Resp: 773474
Ion Ratio Lower Upper
149 100
167 28.4 21.6 32.4
279 5.4 3.5 5.3#





#85
Di-n-octyl phthalate
Concen: 61.980 ng
RT: 14.580 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

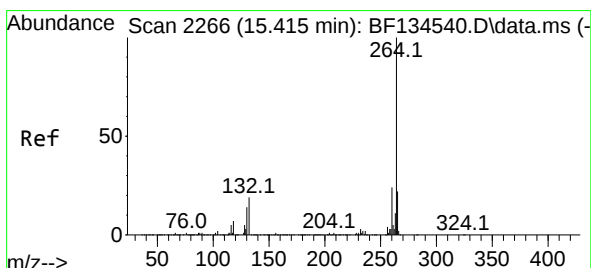
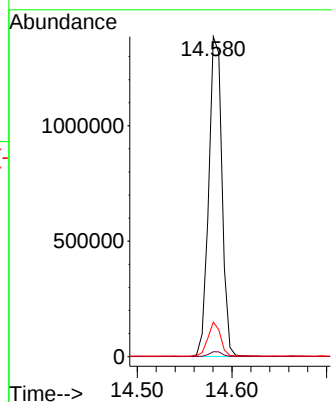
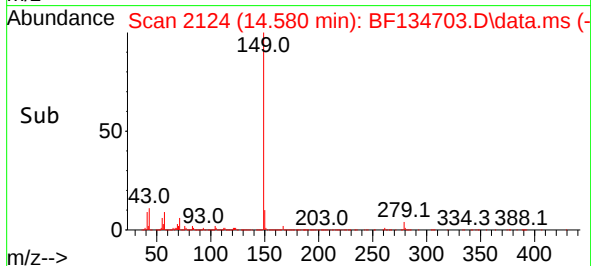
Instrument :
BNA_F
ClientSampleId :
PB154717BS



Tgt Ion:149 Resp: 135305
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 8.1 12.1

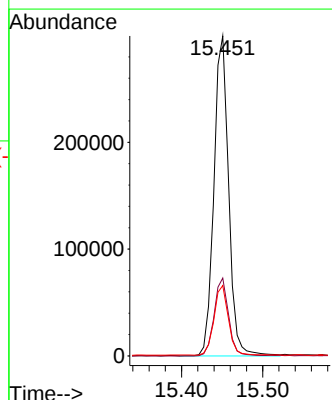
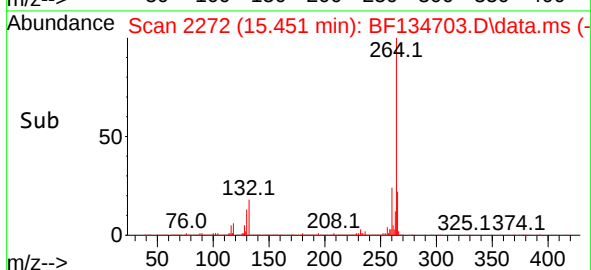
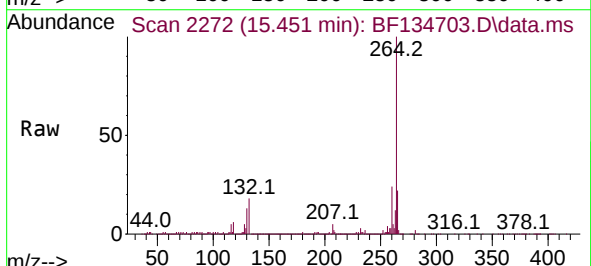
Manual Integrations
APPROVED

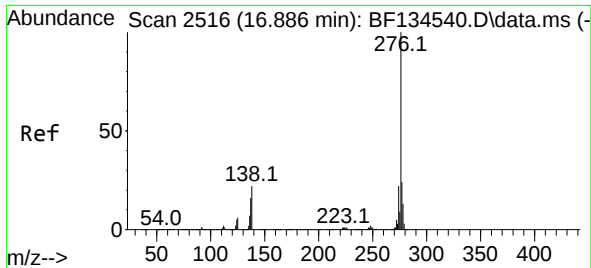
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:264 Resp: 377976
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 22.0 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 64.675 ng
RT: 16.957 min Scan# 2199
Delta R.T. 0.030 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

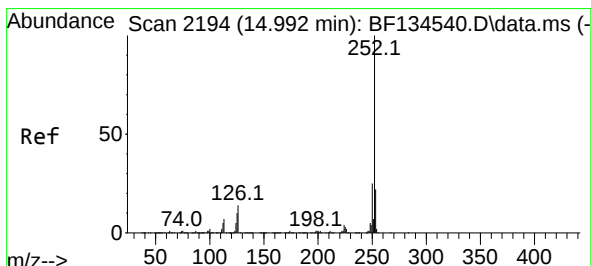
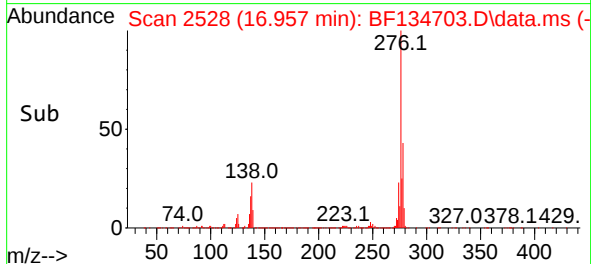
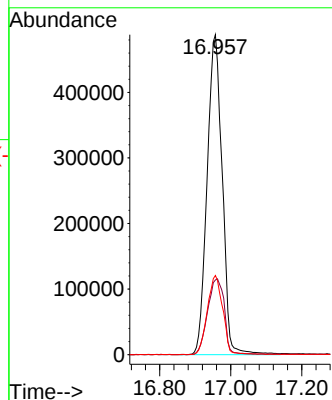
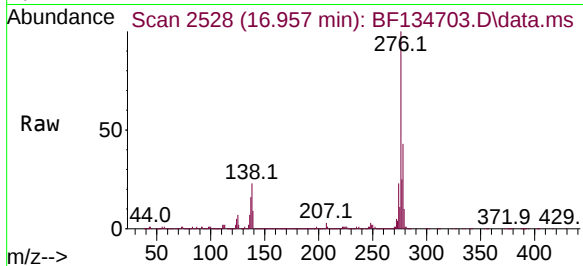
ClientSampleId :

PB154717BS

Tgt Ion:276 Resp: 1437711
Ion Ratio Lower Upper
276 100
138 26.2 14.2 21.4#
277 25.2 19.9 29.9

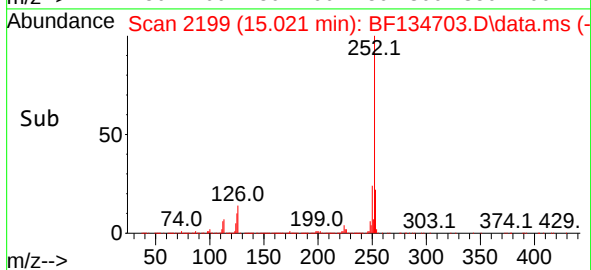
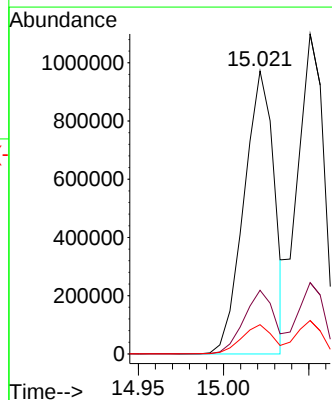
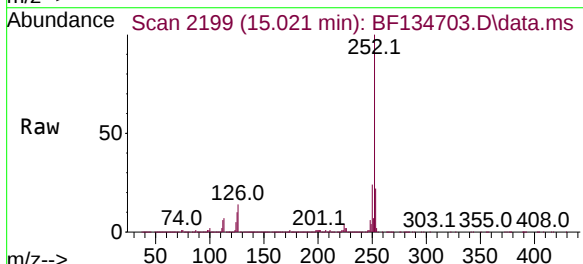
Manual Integrations
APPROVED

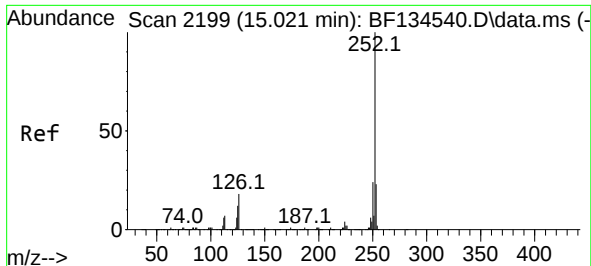
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#88
Benzo(b)fluoranthene
Concen: 52.309 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:252 Resp: 1205836
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.3 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 51.689 ng

RT: 15.051 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

Tgt Ion:252 Resp: 1186995

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

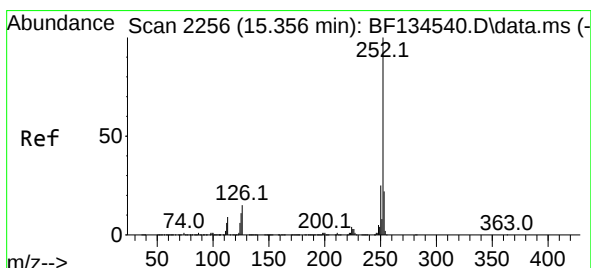
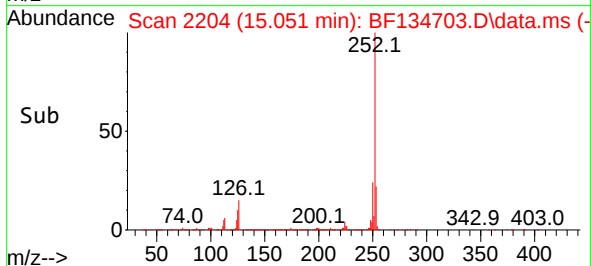
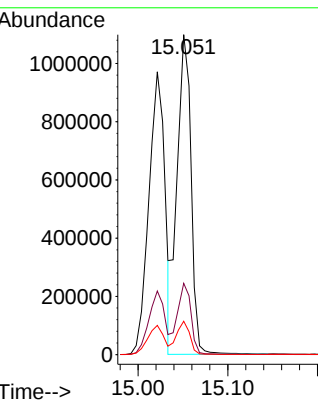
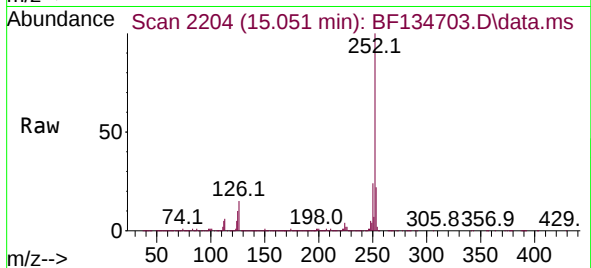
125 10.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#90

Benzo(a)pyrene

Concen: 49.351 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

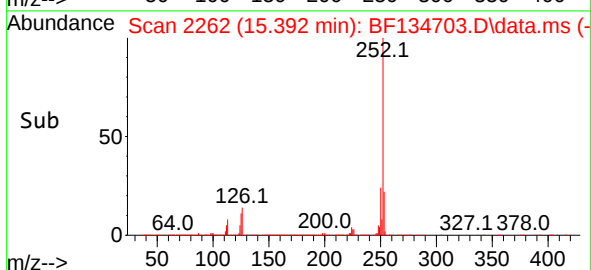
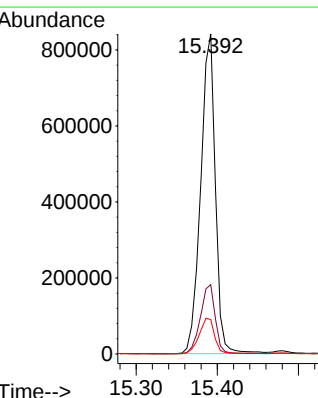
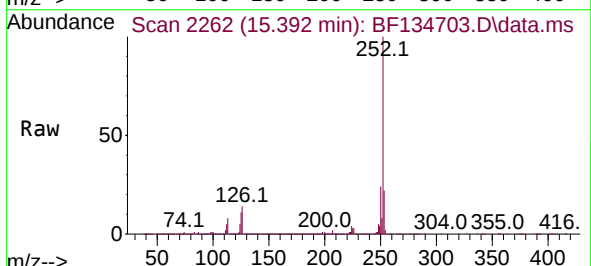
Tgt Ion:252 Resp: 1060735

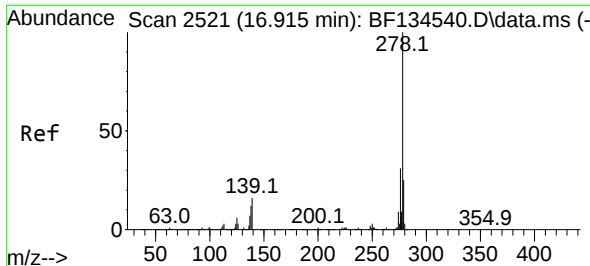
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 10.7 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 65.451 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

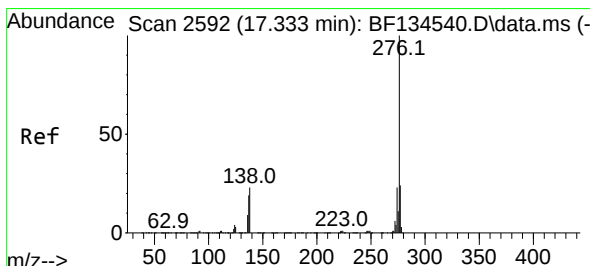
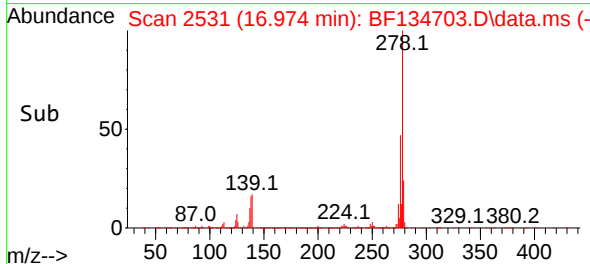
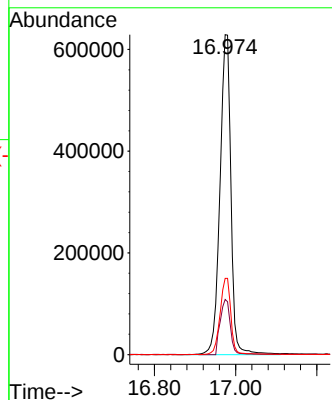
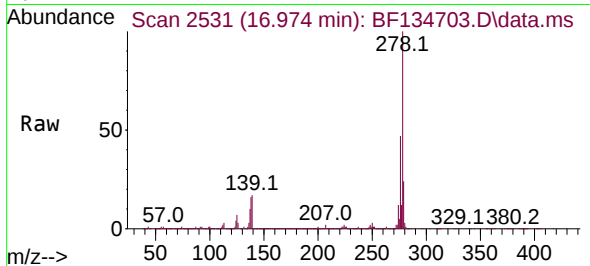
ClientSampleId :

PB154717BS

Tgt Ion:278 Resp: 117583
Ion Ratio Lower Upper
278 100
139 17.2 10.0 15.0
279 23.9 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#92
Benzo(g,h,i)perylene
Concen: 63.494 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.035 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:276 Resp: 1163568
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.6 12.2 18.2#

