

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134704.D
 Acq On : 10 Aug 2023 11:38
 Operator : CG\JU
 Sample : PB154698BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154698BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 11 03:52:33 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	204441	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	810970	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	414747	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	751163	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	438824	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	421198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1414758	105.193	ng	0.02
7) Phenol-d6	6.451	99	1791932	104.229	ng	0.01
23) Nitrobenzene-d5	7.369	82	1154256	88.946	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	554786	131.219	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1969078	78.939	ng	0.00
79) Terphenyl-d14	12.921	244	2396834	96.287	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	191862	31.006	ng	# 93
3) Pyridine	3.416	79	516489	30.803	ng	92
4) n-Nitrosodimethylamine	3.357	42	289281	36.107	ng	# 57
6) Aniline	6.469	93	730514	32.395	ng	91
8) 2-Chlorophenol	6.592	128	623038	45.923	ng	94
9) Benzaldehyde	6.357	77	317239	37.479	ng	98
10) Phenol	6.463	94	691364	40.807	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	589327	43.788	ng	94
12) 1,3-Dichlorobenzene	6.745	146	622047m	44.315	ng	
13) 1,4-Dichlorobenzene	6.822	146	626166	44.510	ng	97
14) 1,2-Dichlorobenzene	6.969	146	607357	46.336	ng	97
15) Benzyl Alcohol	6.951	79	511051	43.089	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	893885	42.394	ng	91
17) 2-Methylphenol	7.063	107	480010	40.038	ng	94
18) Hexachloroethane	7.310	117	231389	46.864	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	398325	38.697	ng	91
20) 3+4-Methylphenols	7.216	107	528275	36.538	ng	# 85
22) Acetophenone	7.216	105	742890	39.680	ng	# 93
24) Nitrobenzene	7.386	77	615222	43.883	ng	94
25) Isophorone	7.628	82	1158954	40.946	ng	100
26) 2-Nitrophenol	7.698	139	326791	54.101	ng	# 90
27) 2,4-Dimethylphenol	7.739	122	493894	39.107	ng	86
28) bis(2-Chloroethoxy)met...	7.834	93	713888	42.163	ng	99
29) 2,4-Dichlorophenol	7.945	162	494675	43.157	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	546947	44.747	ng	97
31) Naphthalene	8.104	128	1674368	41.081	ng	99
32) Benzoic acid	7.881	122	425340	51.035	ng	92
33) 4-Chloroaniline	8.157	127	542442	29.869	ng	95
34) Hexachlorobutadiene	8.216	225	319628	45.334	ng	96
35) Caprolactam	8.545	113	169238m	45.764	ng	
36) 4-Chloro-3-methylphenol	8.639	107	534695	44.048	ng	94
37) 2-Methylnaphthalene	8.798	142	1082177	40.057	ng	99
38) 1-Methylnaphthalene	8.892	142	1032908	41.116	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	529118	43.872	ng	98
41) Hexachlorocyclopentadiene	8.945	237	534647	91.161	ng	93
43) 2,4,6-Trichlorophenol	9.075	196	364666	46.201	ng	98

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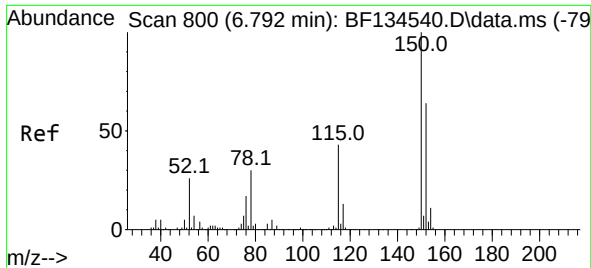
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	393053	43.570	ng	94
46) 1,1'-Biphenyl	9.263	154	1359414	42.150	ng	99
47) 2-Chloronaphthalene	9.286	162	1043155	43.166	ng	98
48) 2-Nitroaniline	9.386	65	344285	45.848	ng	89
49) Acenaphthylene	9.704	152	1608073	42.332	ng	99
50) Dimethylphthalate	9.569	163	1243848	44.002	ng	98
51) 2,6-Dinitrotoluene	9.628	165	288770	49.761	ng	87
52) Acenaphthene	9.875	154	1164493m	47.304	ng	
53) 3-Nitroaniline	9.798	138	261825	41.555	ng	97
54) 2,4-Dinitrophenol	9.910	184	307190	113.512	ng	86
55) Dibenzofuran	10.045	168	1435251	40.956	ng	96
56) 4-Nitrophenol	9.969	139	472299	91.653	ng	# 77
57) 2,4-Dinitrotoluene	10.033	165	362454	51.585	ng	91
58) Fluorene	10.392	166	1058623	41.473	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	338813	47.473	ng	96
60) Diethylphthalate	10.269	149	1176611	43.913	ng	96
61) 4-Chlorophenyl-phenyle...	10.380	204	538764	42.941	ng	95
62) 4-Nitroaniline	10.422	138	301948	48.894	ng	86
63) Azobenzene	10.545	77	1174937	40.814	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	203785	63.656	ng	87
66) n-Nitrosodiphenylamine	10.504	169	1028576	43.021	ng	98
67) 4-Bromophenyl-phenylether	10.874	248	378023	45.972	ng	96
68) Hexachlorobenzene	10.939	284	431898	49.740	ng	# 92
69) Atrazine	11.039	200	363218	56.363	ng	97
70) Pentachlorophenol	11.133	266	423307	78.735	ng	95
71) Phenanthrene	11.357	178	1690148	42.361	ng	100
72) Anthracene	11.410	178	1717465	42.142	ng	98
73) Carbazole	11.563	167	1543986	42.430	ng	100
74) Di-n-butylphthalate	11.898	149	1843468	47.685	ng	98
75) Fluoranthene	12.545	202	1766512	41.915	ng	95
77) Benzidine	12.674	184	726680	76.284	ng	99
78) Pyrene	12.774	202	1769895	46.610	ng	96
80) Butylbenzylphthalate	13.404	149	671815	52.322	ng	# 96
81) Benzo(a)anthracene	13.968	228	1281962	40.855	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	413786	45.494	ng	# 99
83) Chrysene	14.010	228	1276123	41.744	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	706875	46.781	ng	98
85) Di-n-octyl phthalate	14.580	149	1262206	54.931	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	1445206	58.341	ng	# 92
88) Benzo(b)fluoranthene	15.021	252	1159917	45.153	ng	# 97
89) Benzo(k)fluoranthene	15.051	252	1105963	43.219	ng	# 98
90) Benzo(a)pyrene	15.386	252	1026672	42.865	ng	# 95
91) Dibenzo(a,h)anthracene	16.974	278	1195914	59.738	ng	# 95
92) Benzo(g,h,i)perylene	17.409	276	1175551	57.566	ng	# 93

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



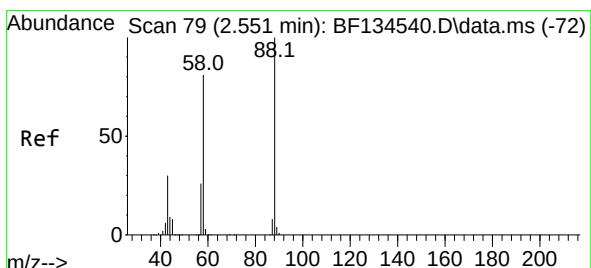
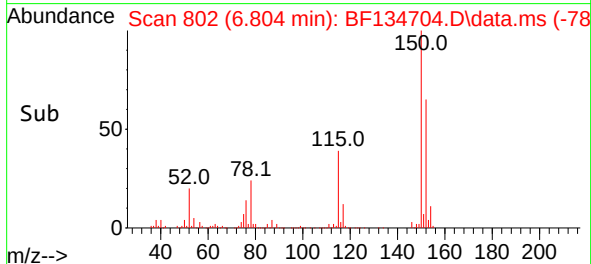
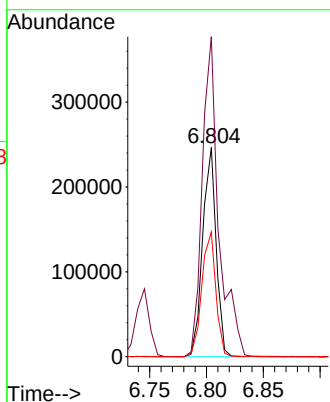
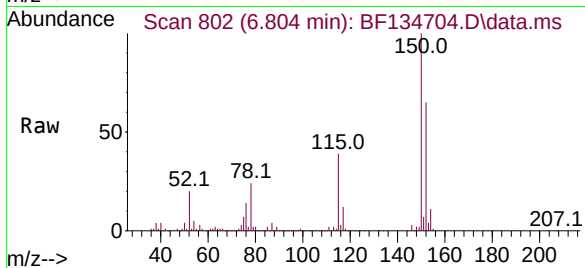
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134704.D
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Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 20444
 Ion Ratio Lower Upper
 152 100
 150 152.9 128.3 192.5
 115 59.6 52.4 78.6

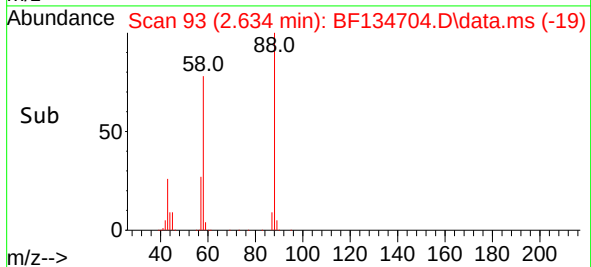
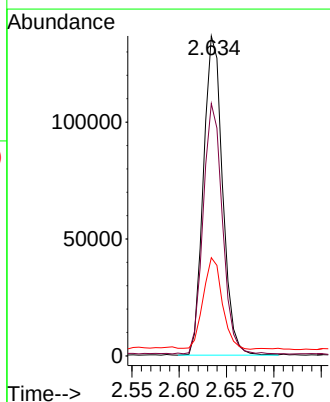
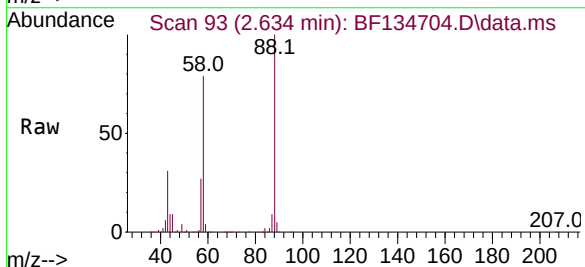
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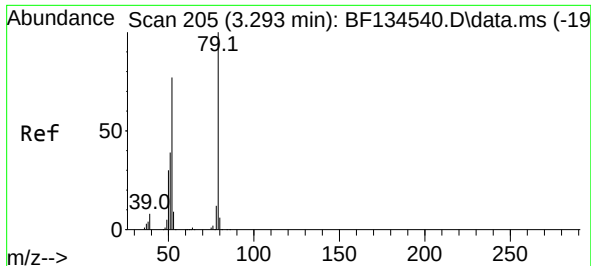
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023



#2
 1,4-Dioxane
 Concen: 31.006 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.082 min
 Lab File: BF134704.D
 Acq: 10 Aug 2023 11:38

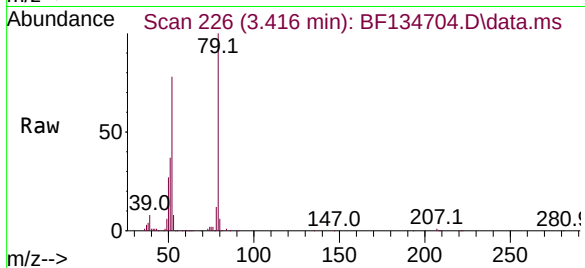
Tgt Ion: 88 Resp: 191862
 Ion Ratio Lower Upper
 88 100
 58 79.0 65.1 97.7
 43 28.7 30.3 45.5





#3
Pyridine
Concen: 30.803 ng
RT: 3.416 min Scan# 216
Delta R.T. 0.112 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

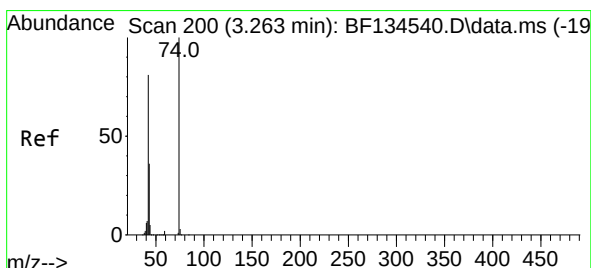
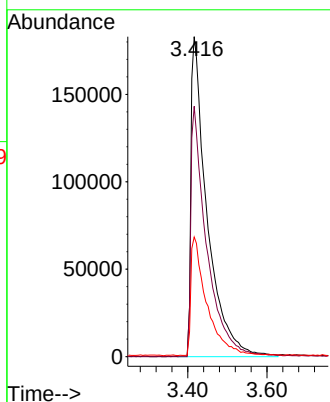
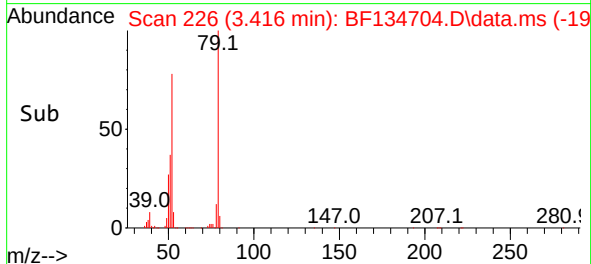
Instrument :
BNA_F
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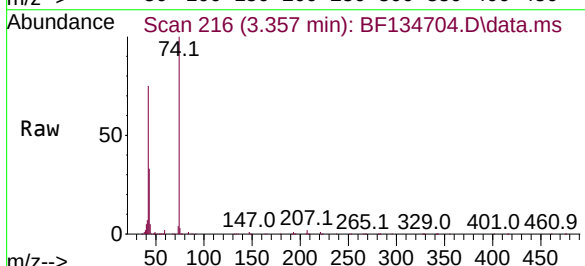
Tgt Ion: 79 Resp: 516489
Ion Ratio Lower Upper
79 100
52 78.2 66.6 100.0
51 37.4 36.5 54.7

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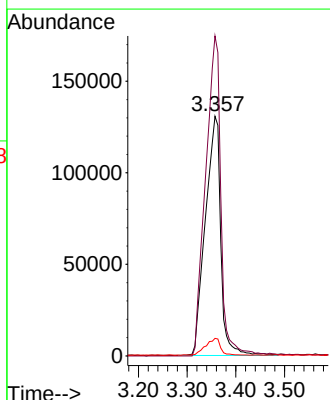
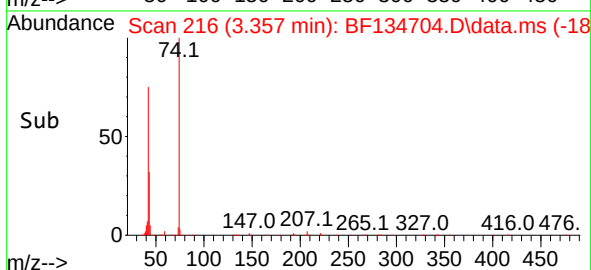
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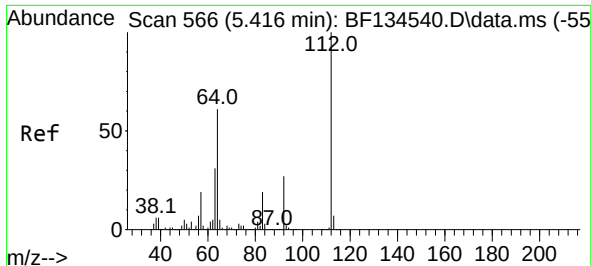


#4
n-Nitrosodimethylamine
Concen: 36.107 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



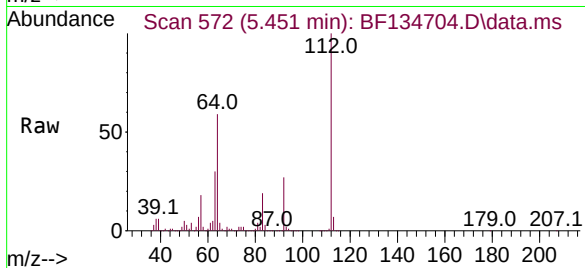
Tgt Ion: 42 Resp: 289281
Ion Ratio Lower Upper
42 100
74 133.6 72.2 108.4
44 7.3 5.4 8.0





#5
2-Fluorophenol
Concen: 105.193 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

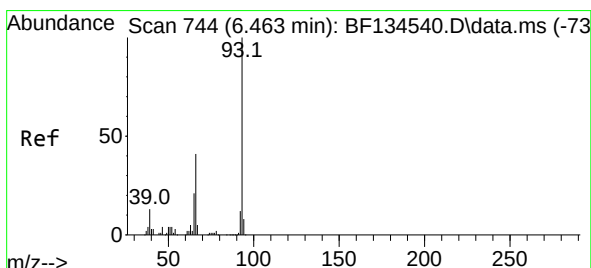
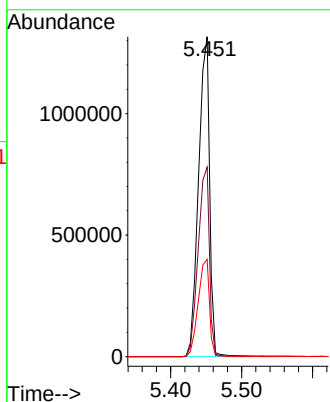
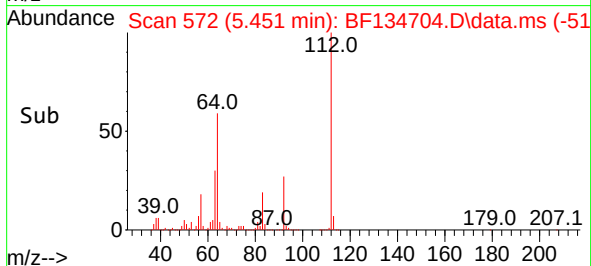
Instrument :
BNA_F
ClientSampleId :
PB154698BS



Tgt Ion: 112 Resp: 1414758
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 30.4 25.4 38.0

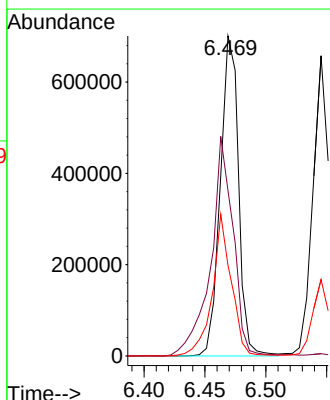
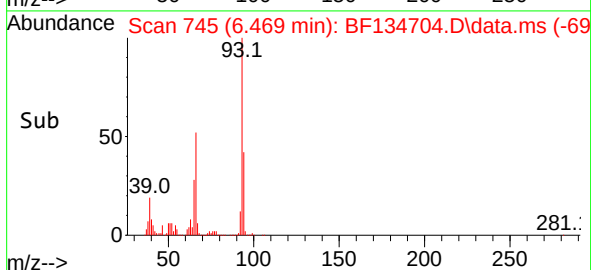
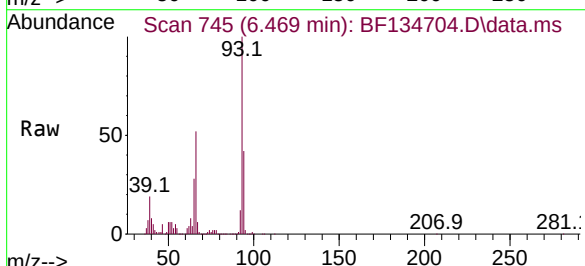
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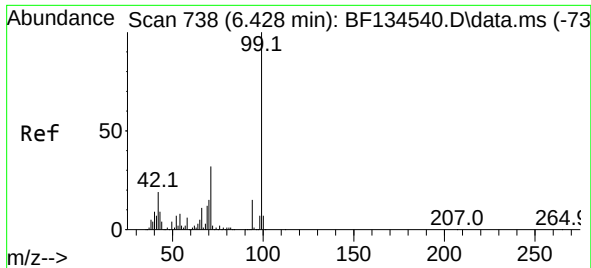
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#6
Aniline
Concen: 32.395 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion: 93 Resp: 730514
Ion Ratio Lower Upper
93 100
66 51.7 36.8 55.2
65 28.3 19.4 29.0





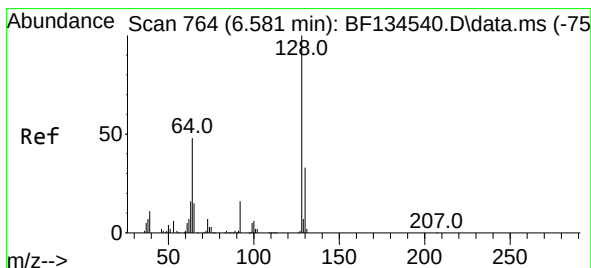
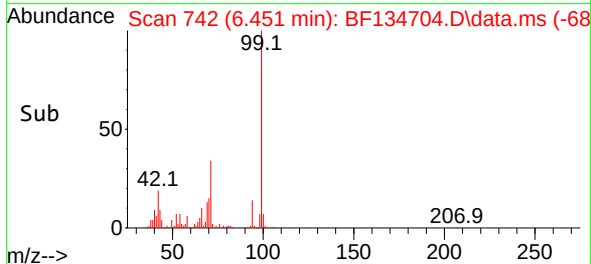
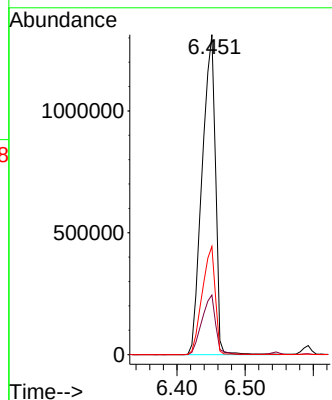
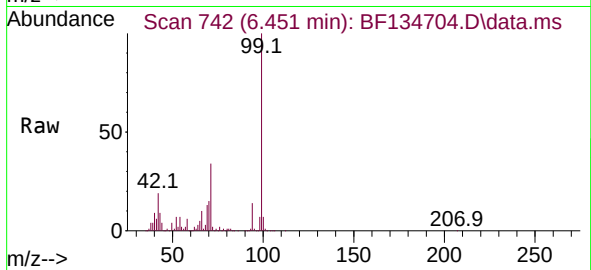
#7
Phenol-d6
Concen: 104.229 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion: 99 Resp: 1791932
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1
71 33.8 36.4 54.6

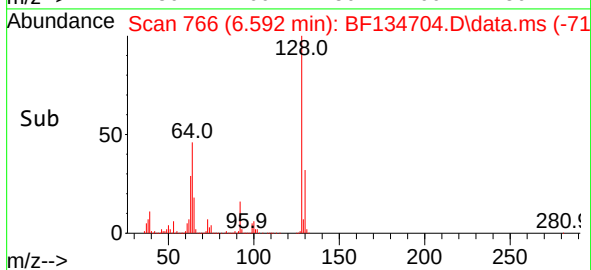
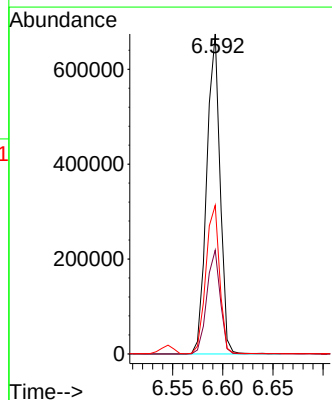
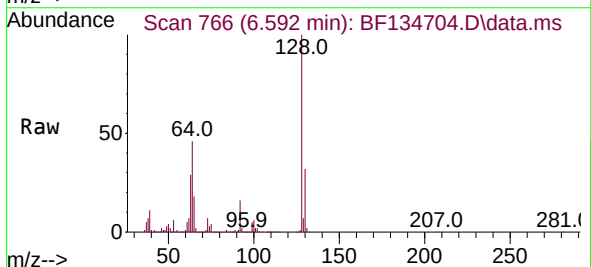
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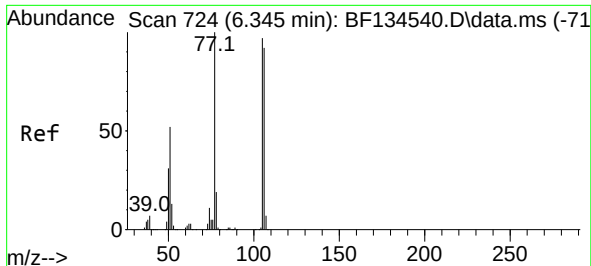
Reviewed By :Yogesh Patel 08/11/2023
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#8
2-Chlorophenol
Concen: 45.923 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

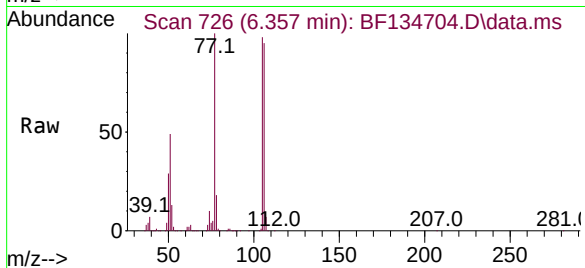
Tgt Ion:128 Resp: 623038
Ion Ratio Lower Upper
128 100
130 32.4 11.1 51.1
64 46.4 31.9 71.9





#9
Benzaldehyde
Concen: 37.479 ng
RT: 6.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

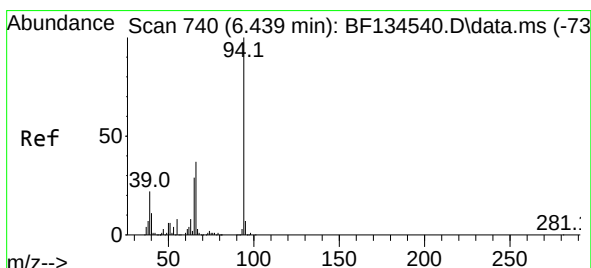
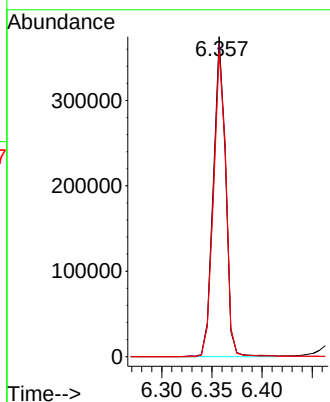
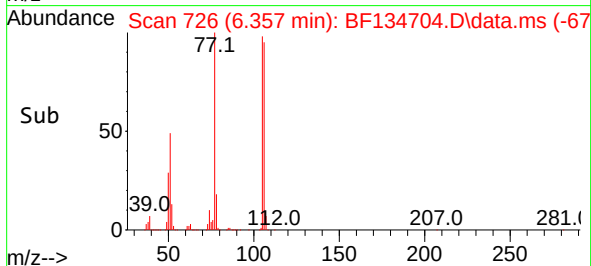
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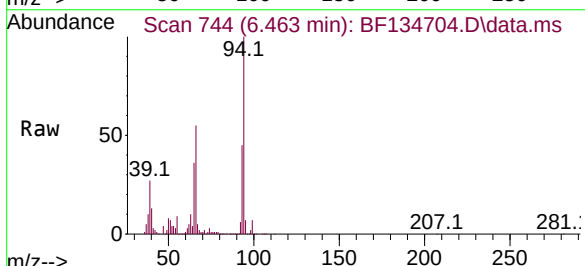
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Ion Ratio Lower Upper
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105 97.8 77.1 117.1
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Manual Integrations
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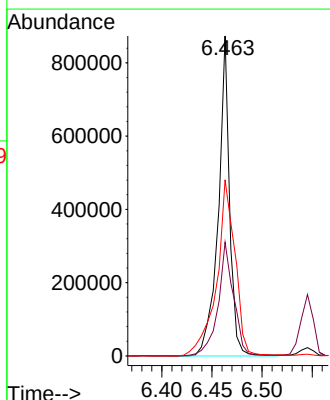
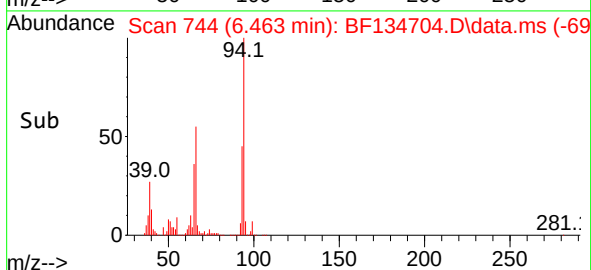
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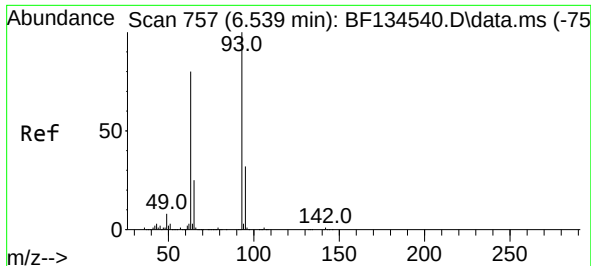


#10
Phenol
Concen: 40.807 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



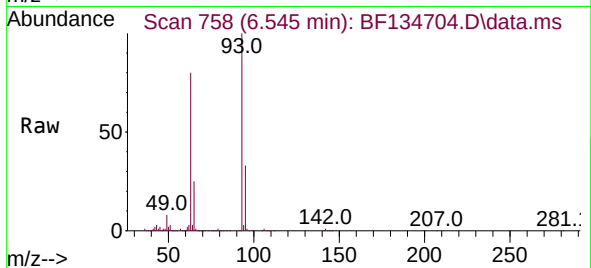
Tgt Ion: 94 Resp: 691364
Ion Ratio Lower Upper
94 100
65 35.5 17.8 57.8
66 55.0 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 43.788 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

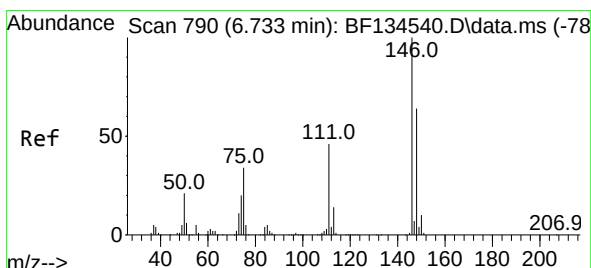
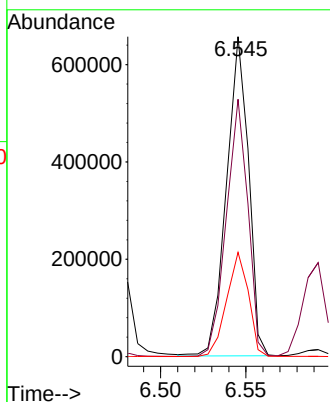
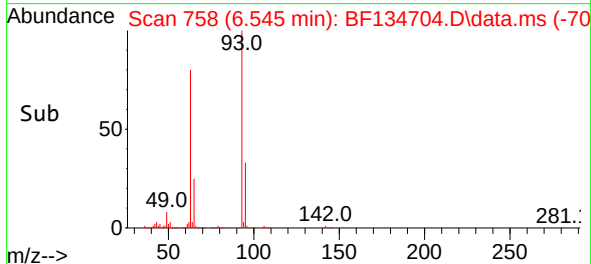
Instrument :
BNA_F
ClientSampleId :
PB154698BS



Tgt Ion: 93 Resp: 589327
Ion Ratio Lower Upper
93 100
63 80.4 68.4 108.4
95 32.6 12.4 52.4

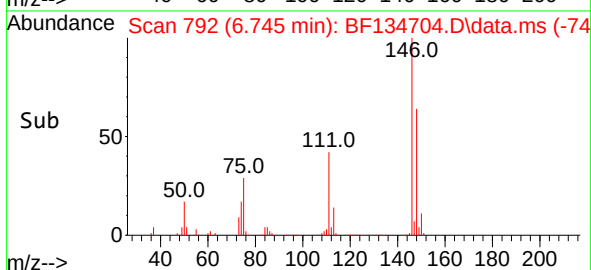
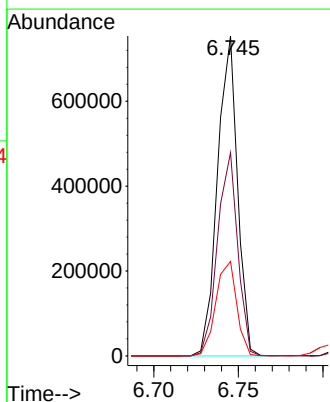
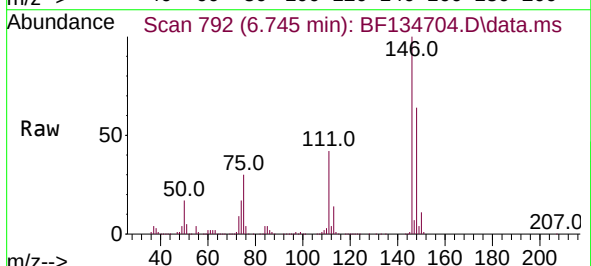
Manual Integrations
APPROVED

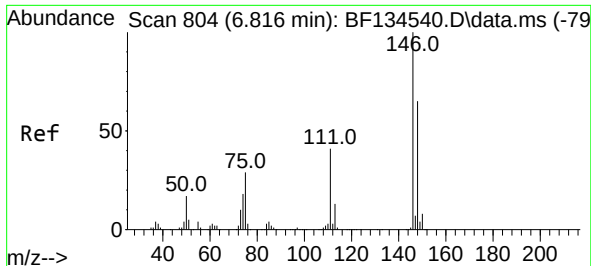
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#12
1,3-Dichlorobenzene
Concen: 44.315 ng m
RT: 6.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:146 Resp: 622047
Ion Ratio Lower Upper
146 100
148 63.5 49.7 74.5
75 29.5 29.5 44.3#





#13

1,4-Dichlorobenzene

Concen: 44.510 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion:146 Resp: 626166

Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

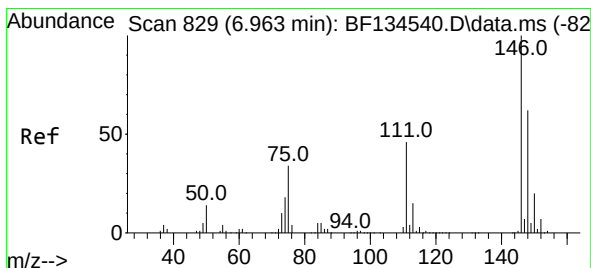
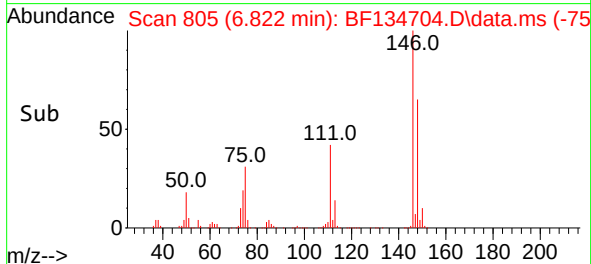
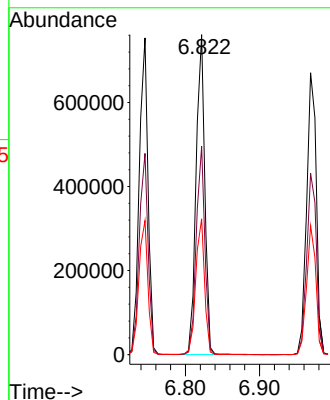
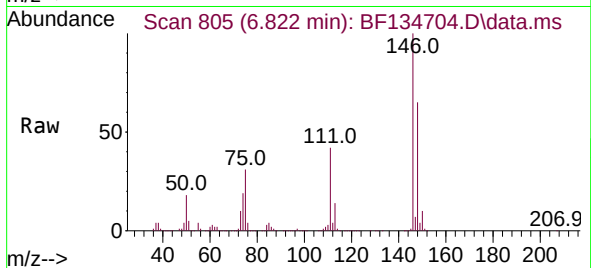
111 42.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#14

1,2-Dichlorobenzene

Concen: 46.336 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

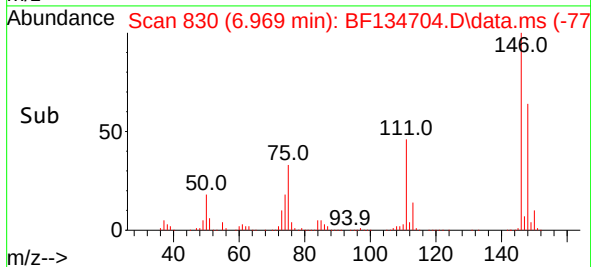
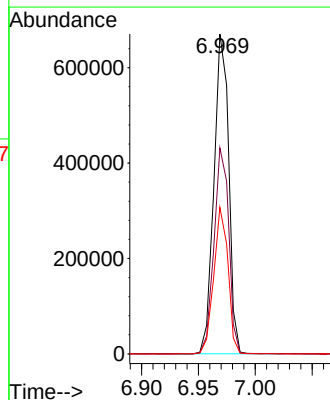
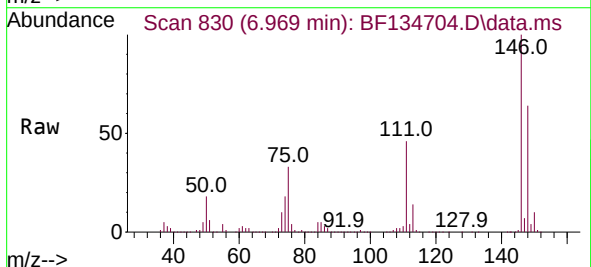
Tgt Ion:146 Resp: 607357

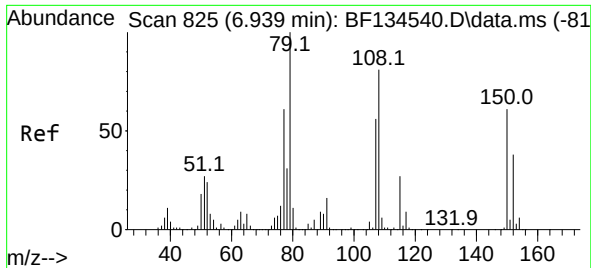
Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 45.8 39.9 59.9





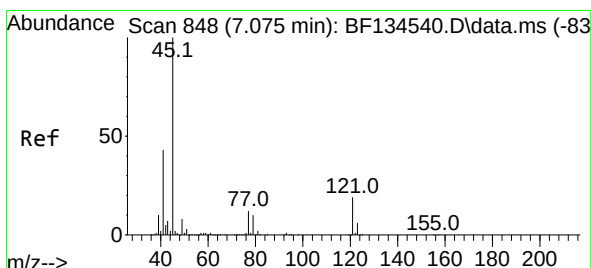
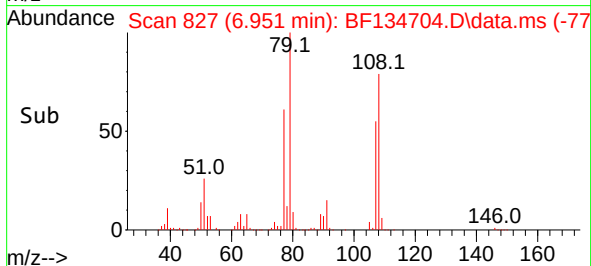
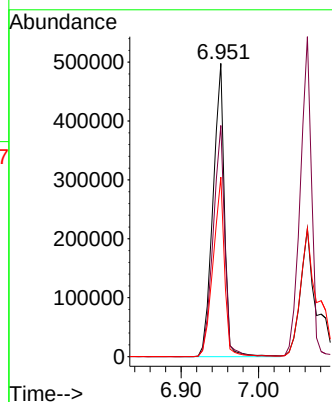
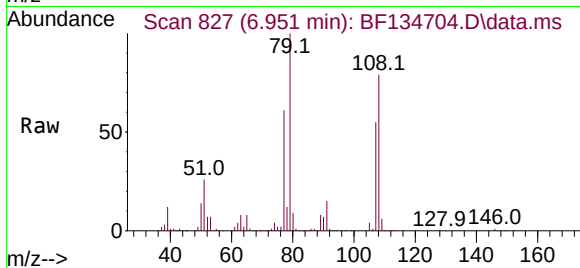
#15
Benzyl Alcohol
Concen: 43.089 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion: 79 Resp: 511051
Ion Ratio Lower Upper
79 100
108 78.9 56.3 84.5
77 61.2 50.6 76.0

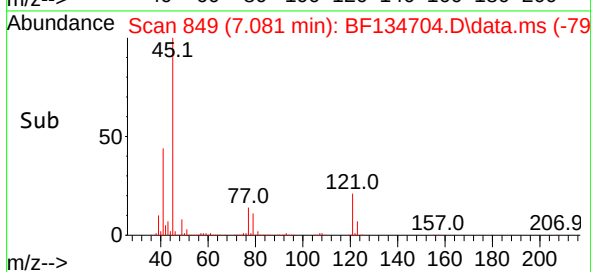
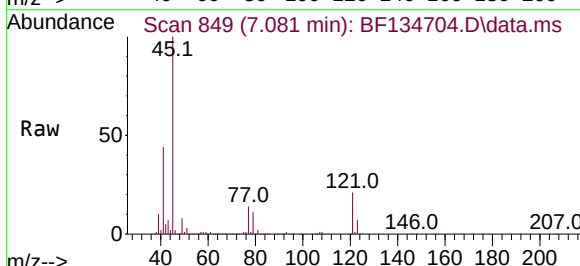
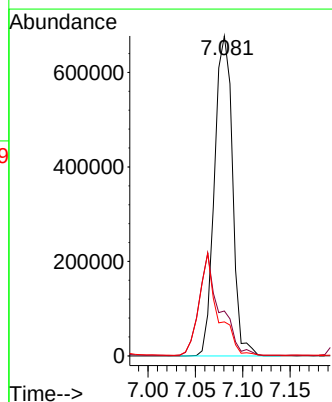
Manual Integrations
APPROVED

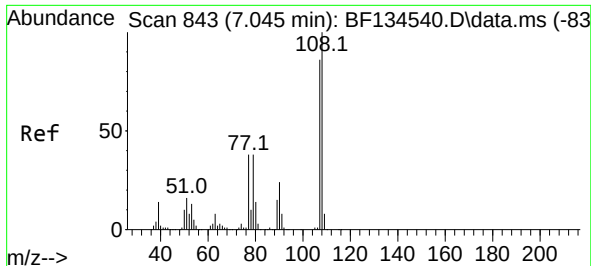
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.394 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion: 45 Resp: 893885
Ion Ratio Lower Upper
45 100
77 14.0 0.0 37.8
79 10.7 0.0 34.5





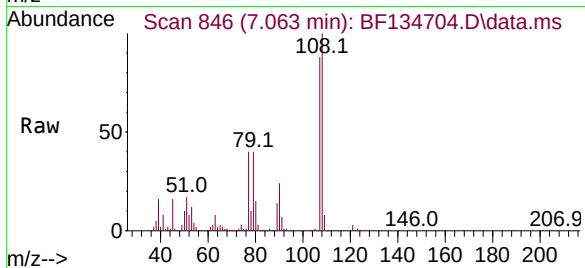
#17
2-Methylphenol
Concen: 40.038 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

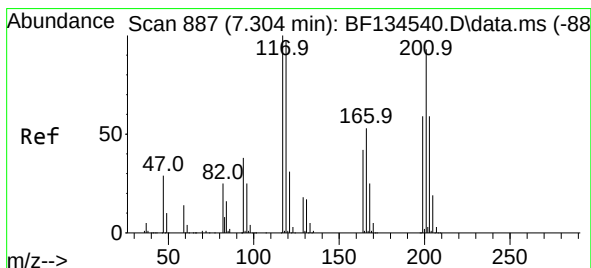
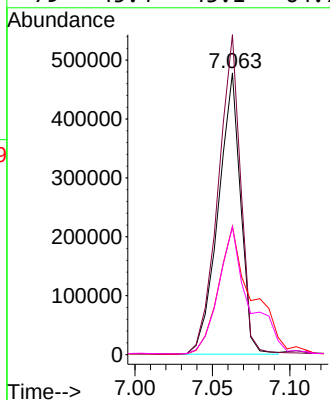
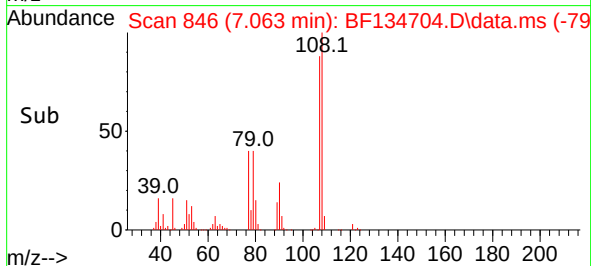


Tgt Ion:107 Resp: 480010
Ion Ratio Lower Upper
107 100
108 113.6 89.4 134.2
77 45.5 42.4 63.6
79 45.4 43.1 64.7

Manual Integrations

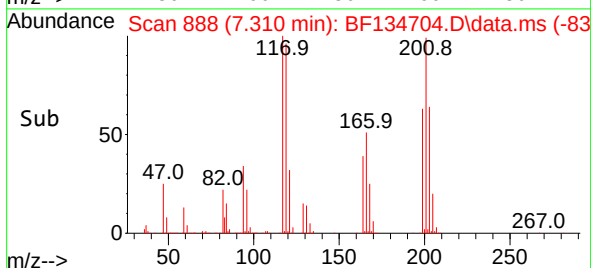
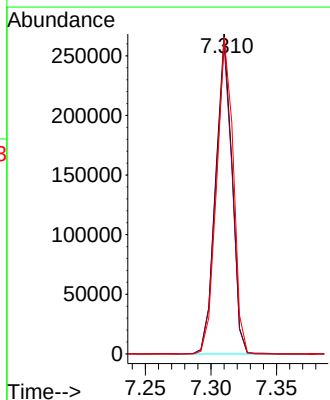
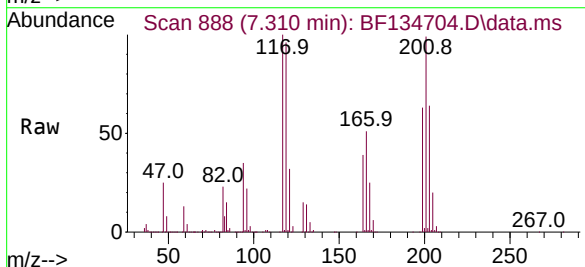
APPROVED

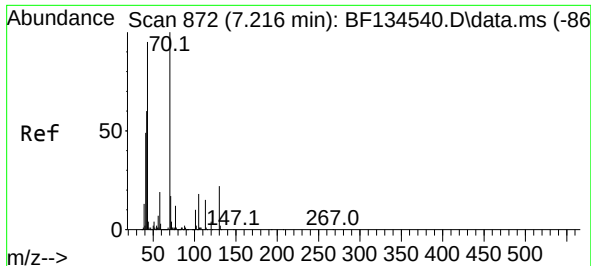
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#18
Hexachloroethane
Concen: 46.864 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

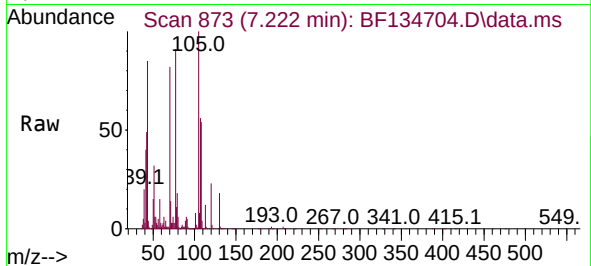
Tgt Ion:117 Resp: 231389
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 99.0 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.697 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

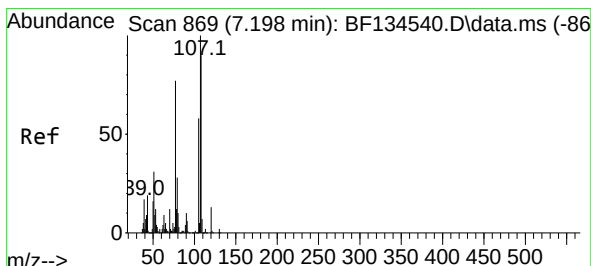
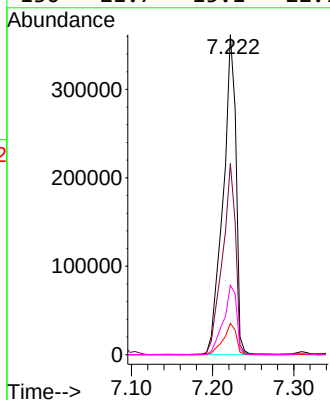
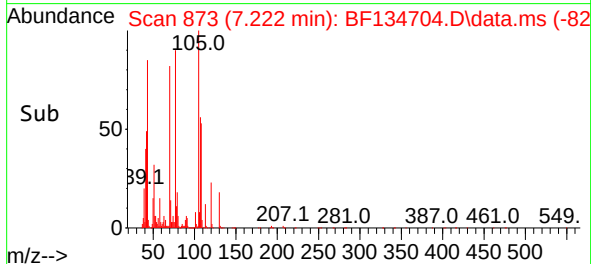
Instrument :
BNA_F
ClientSampleId :
PB154698BS



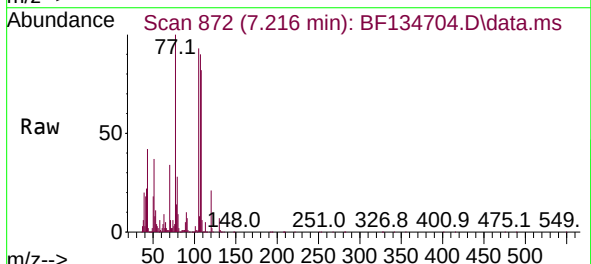
Tgt Ion: 70 Resp: 398325
Ion Ratio Lower Upper
70 100
42 59.7 54.7 82.1
101 9.8 8.2 12.2
130 21.7 15.1 22.7

Manual Integrations
APPROVED

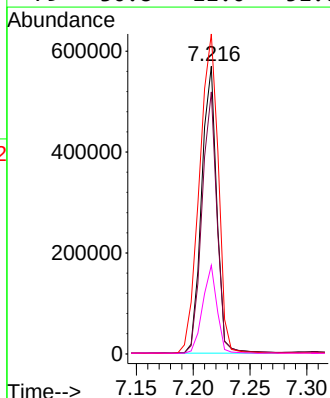
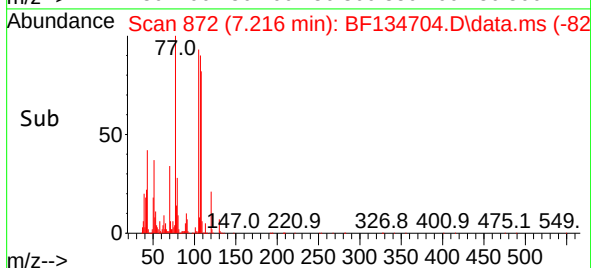
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

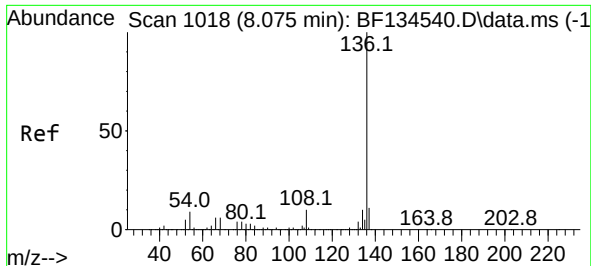


#20
3+4-Methylphenols
Concen: 36.538 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



Tgt Ion:107 Resp: 528275
Ion Ratio Lower Upper
107 100
108 91.1 68.1 108.1
77 111.2 122.1 162.1#
79 30.8 11.0 51.0





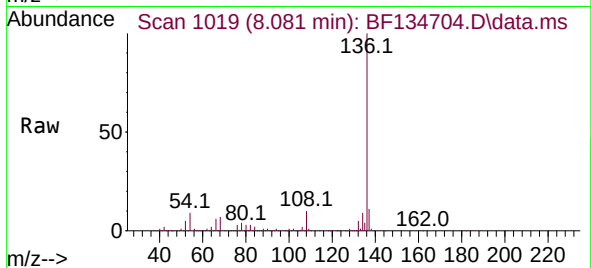
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

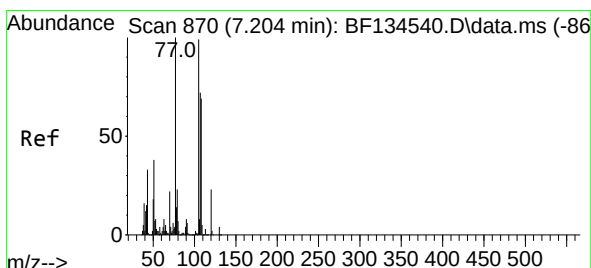
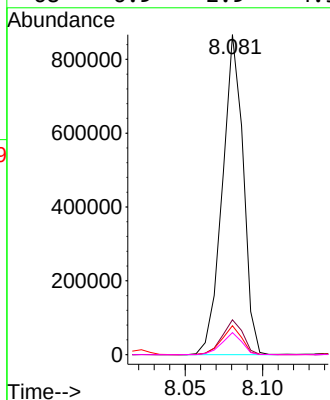
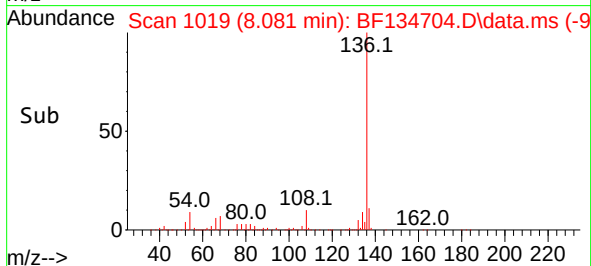


Tgt Ion:136 Resp: 810970
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.0 5.2 7.8
68 6.9 2.9 4.3

Manual Integrations

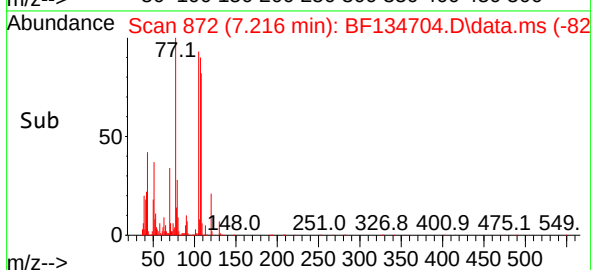
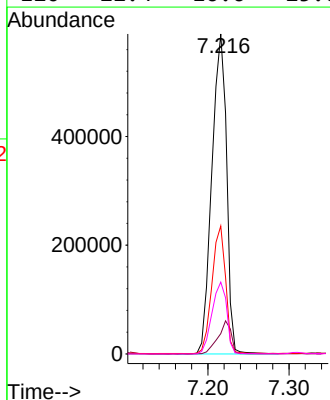
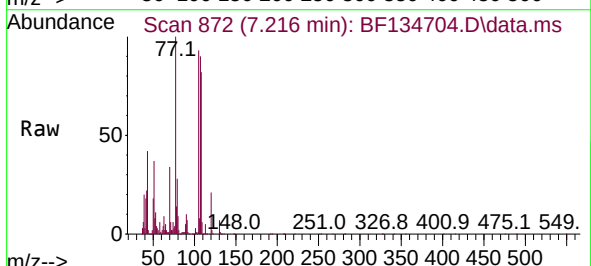
APPROVED

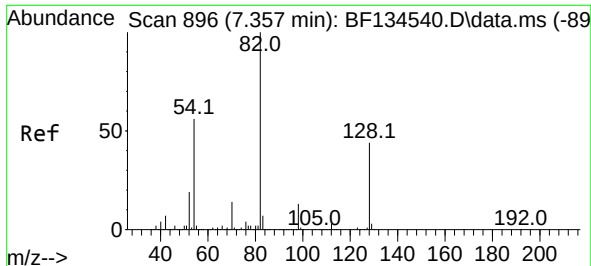
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#22
Acetophenone
Concen: 39.680 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:105 Resp: 742890
Ion Ratio Lower Upper
105 100
71 6.3 7.4 11.0
51 40.0 36.4 54.6
120 22.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 88.946 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion: 82 Resp: 1154256

Ion Ratio Lower Upper

82 100

128 46.5 34.3 51.5

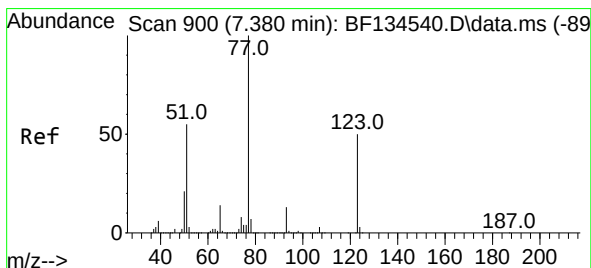
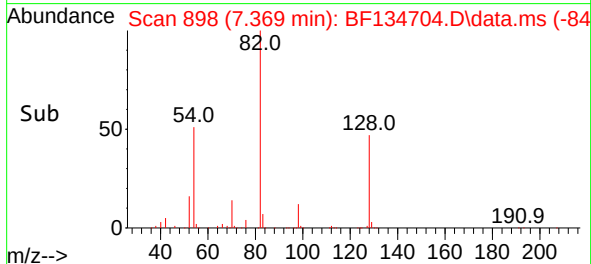
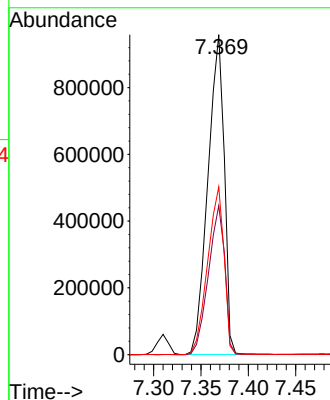
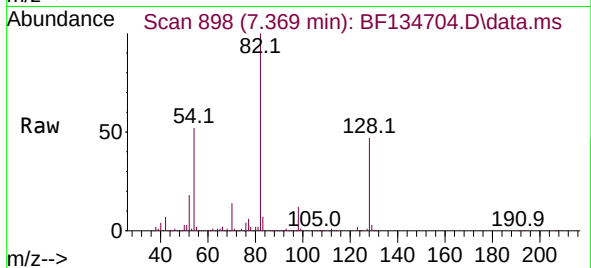
54 52.4 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#24

Nitrobenzene

Concen: 43.883 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

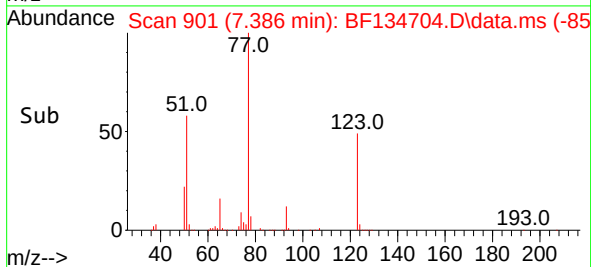
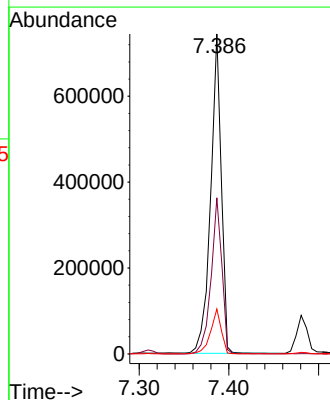
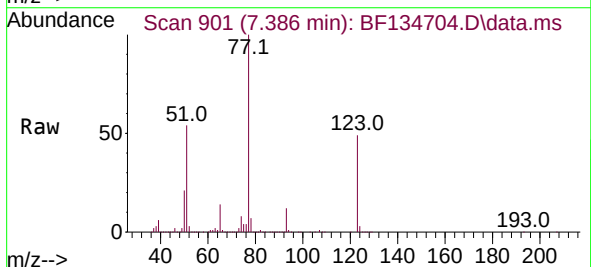
Tgt Ion: 77 Resp: 615222

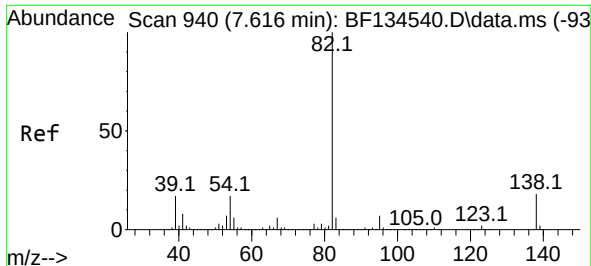
Ion Ratio Lower Upper

77 100

123 48.8 35.5 53.3

65 14.0 11.9 17.9





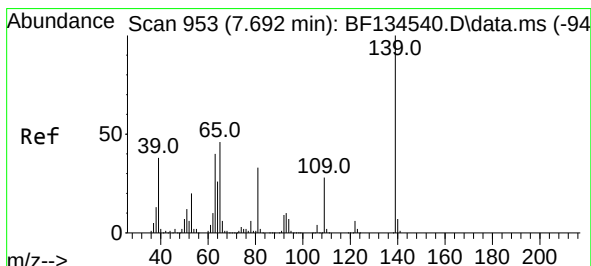
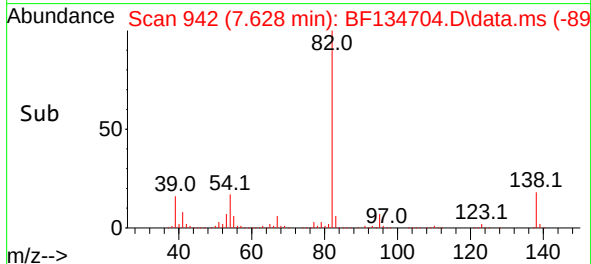
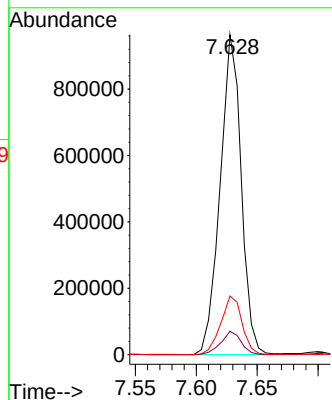
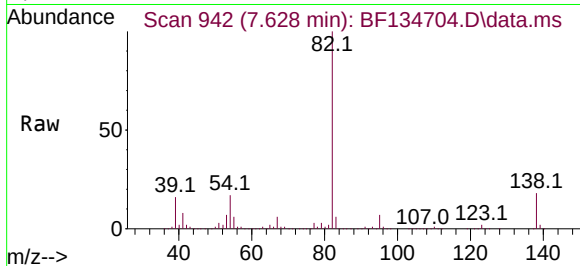
#25
Isophorone
Concen: 40.946 ng
RT: 7.628 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion: 82 Resp: 1158954
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.3 14.6 22.0

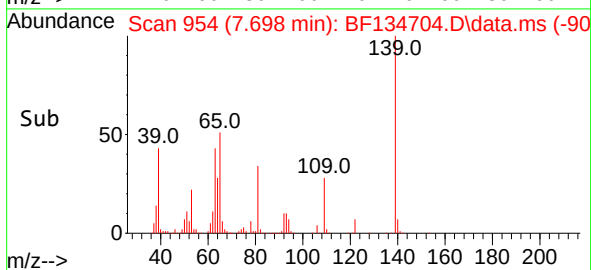
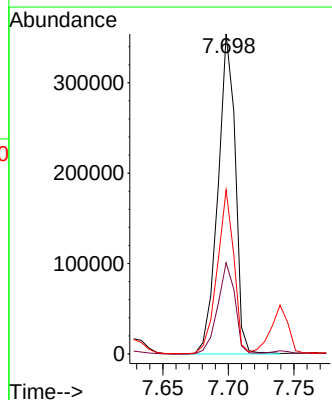
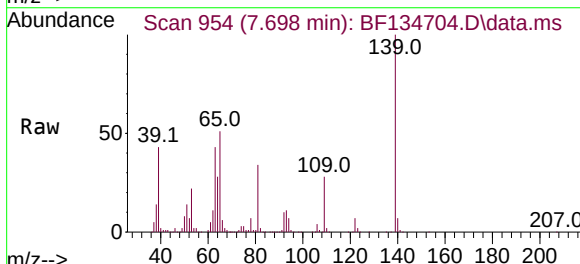
Manual Integrations
APPROVED

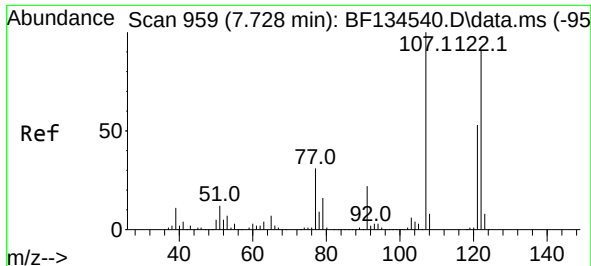
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#26
2-Nitrophenol
Concen: 54.101 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

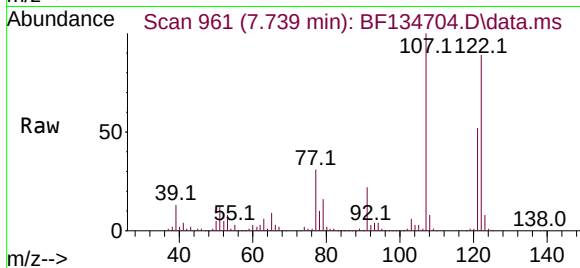
Tgt Ion:139 Resp: 326791
Ion Ratio Lower Upper
139 100
109 28.5 29.8 44.6#
65 51.3 45.4 68.2





#27
2,4-Dimethylphenol
Concen: 39.107 ng
RT: 7.739 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

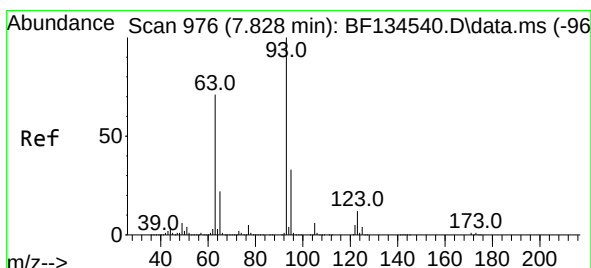
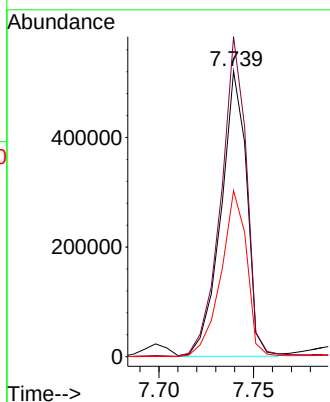
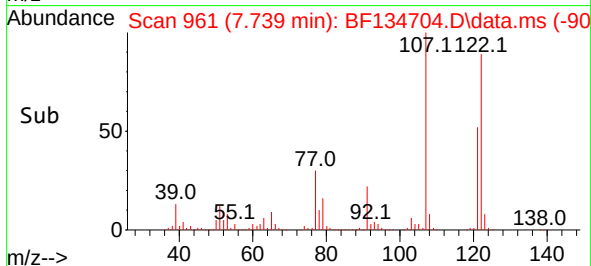
Instrument :
BNA_F
ClientSampleId :
PB154698BS



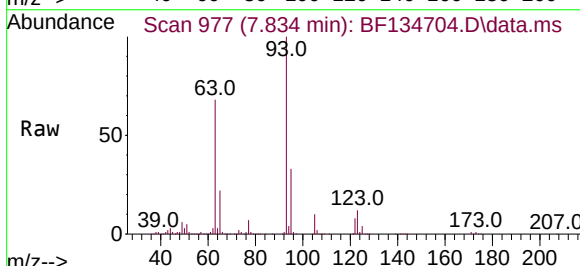
Tgt Ion:122 Resp: 493894
Ion Ratio Lower Upper
122 100
107 112.1 106.7 160.1
121 58.2 49.0 73.6

Manual Integrations
APPROVED

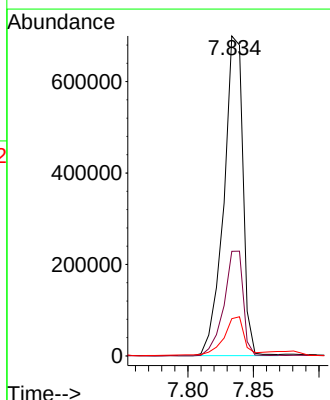
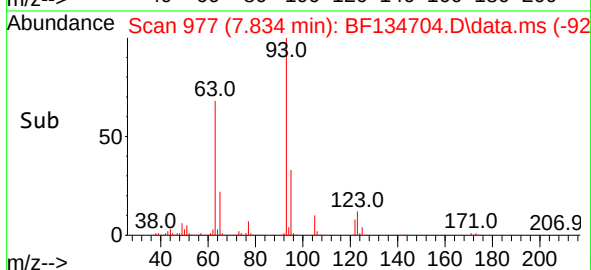
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

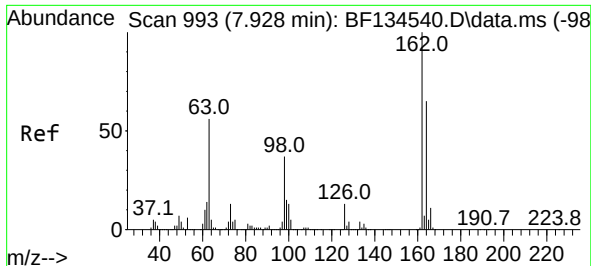


#28
bis(2-Chloroethoxy)methane
Concen: 42.163 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



Tgt Ion: 93 Resp: 713888
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.157 ng

RT: 7.945 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

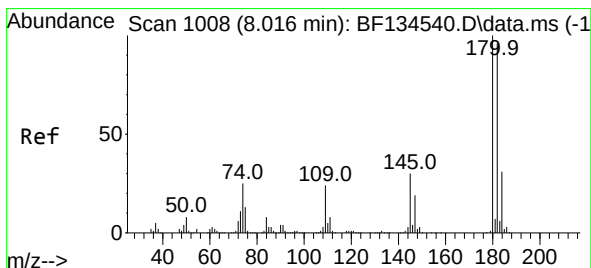
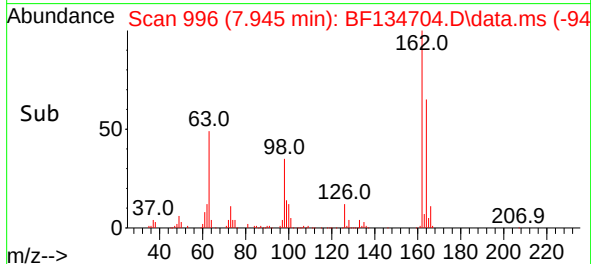
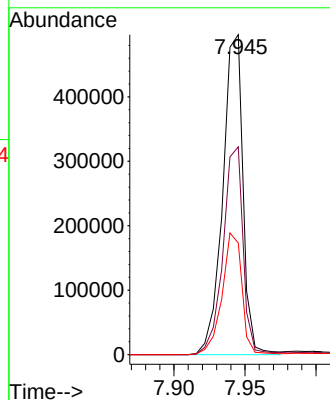
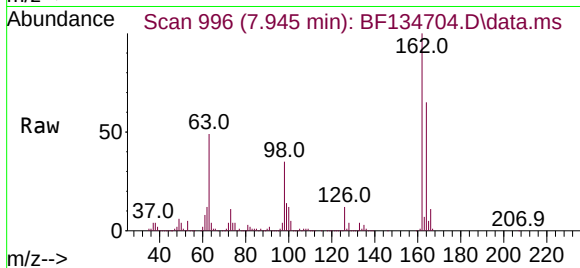
Tgt Ion:162	Resp:	494675
Ion Ratio	Lower	Upper
162	100	
164	64.9	42.2 82.2
98	34.9	15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.747 ng

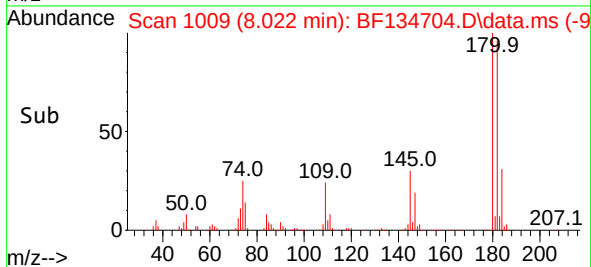
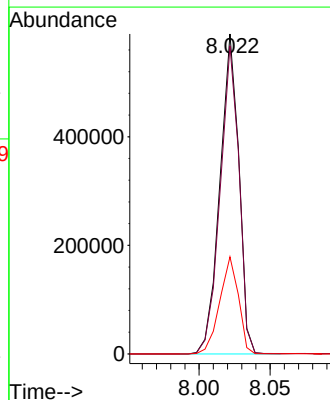
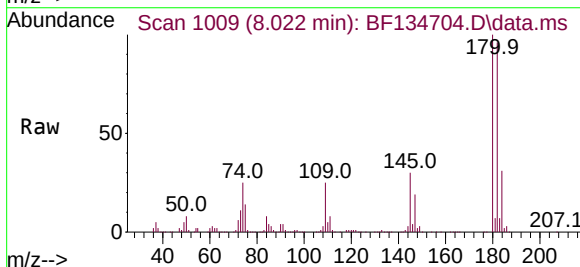
RT: 8.022 min Scan# 1009

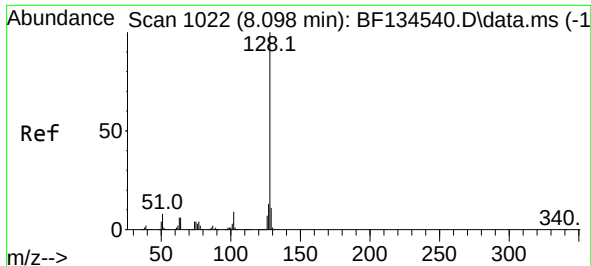
Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Tgt Ion:180	Resp:	546947
Ion Ratio	Lower	Upper
180	100	
182	96.3	75.0 112.6
145	30.4	25.5 38.3





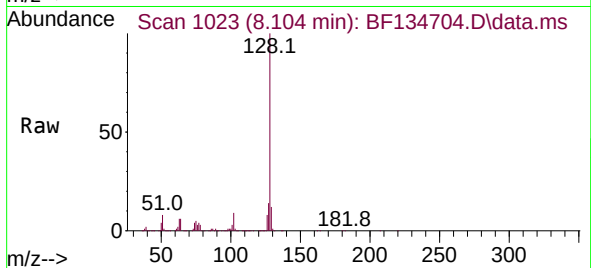
#31
Naphthalene
Concen: 41.081 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS



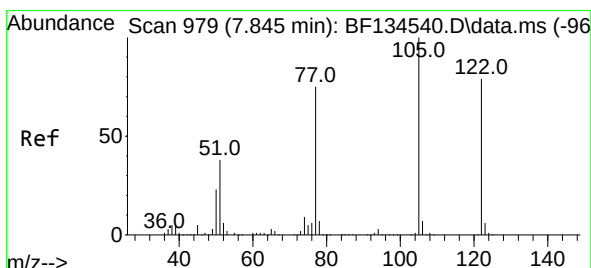
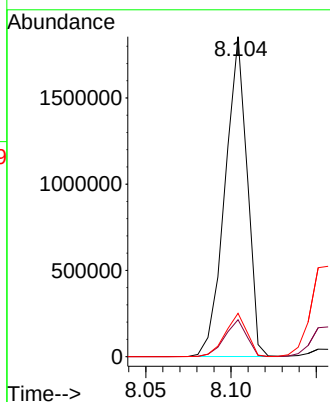
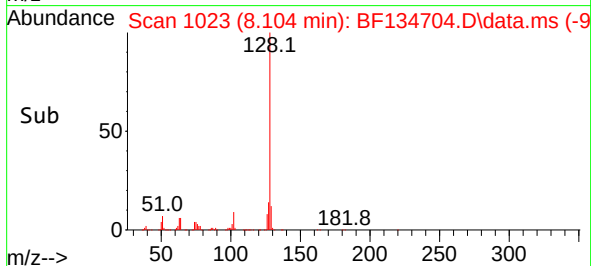
Tgt Ion:128 Resp: 1674368
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.5 10.7 16.1

Manual Integrations

APPROVED

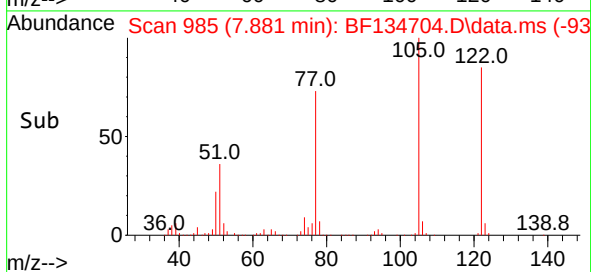
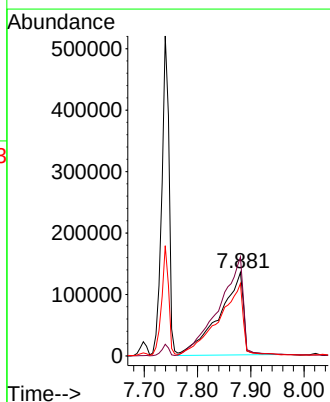
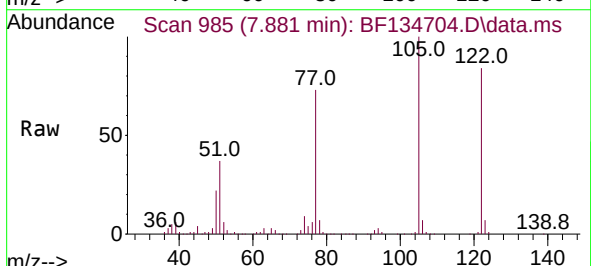
Reviewed By :Yogesh Patel 08/11/2023

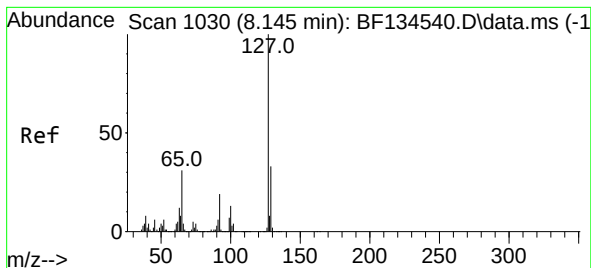
Supervised By :mohammad ahmed 08/11/2023



#32
Benzoic acid
Concen: 51.035 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:122 Resp: 425340
Ion Ratio Lower Upper
122 100
105 118.4 87.5 127.5
77 86.8 71.4 111.4





#33

4-Chloroaniline

Concen: 29.869 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF134704.D

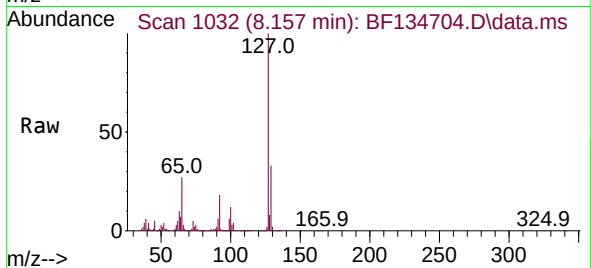
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS



Tgt Ion:127 Resp: 542442

Ion Ratio Lower Upper

127 100

129 32.8 25.6 38.4

65 27.1 25.4 38.0

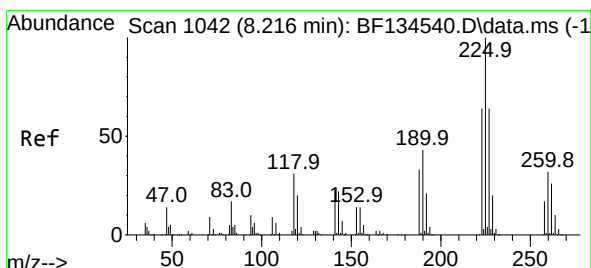
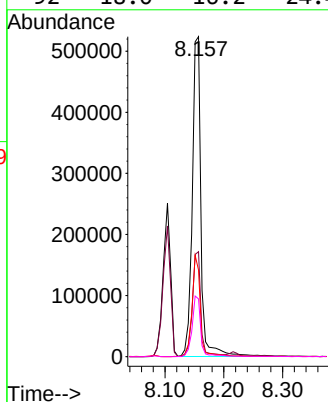
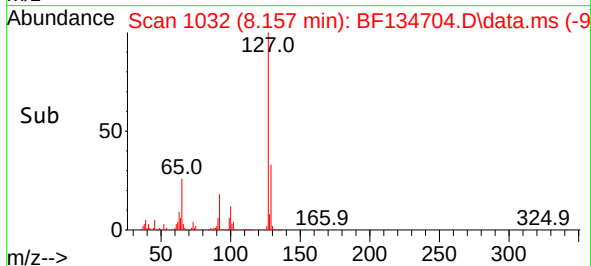
92 18.0 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#34

Hexachlorobutadiene

Concen: 45.334 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

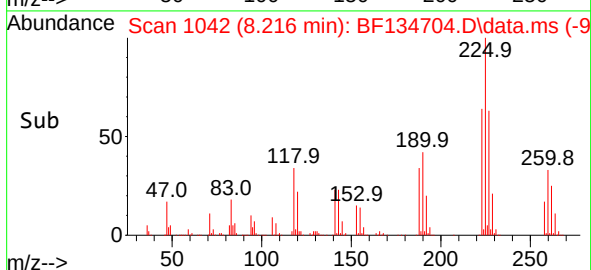
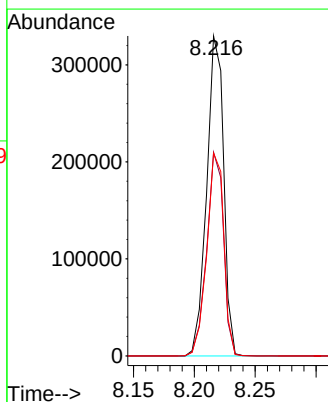
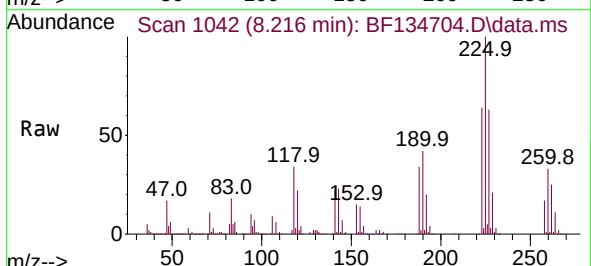
Tgt Ion:225 Resp: 319628

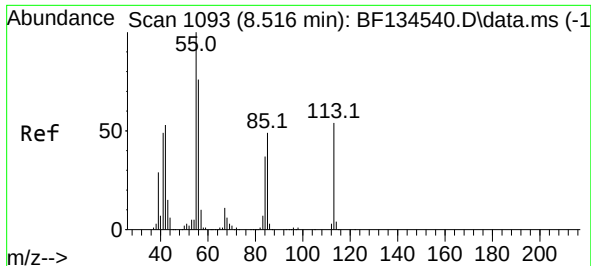
Ion Ratio Lower Upper

225 100

223 63.6 48.2 72.4

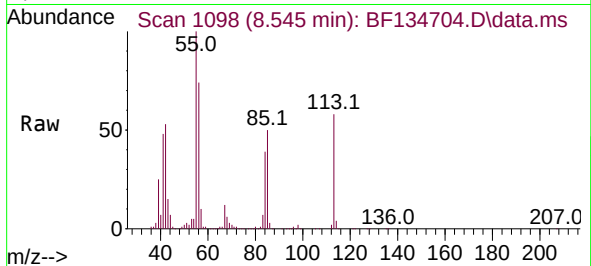
227 63.4 48.5 72.7





#35
Caprolactam
Concen: 45.764 ng m
RT: 8.545 min Scan# 1098
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

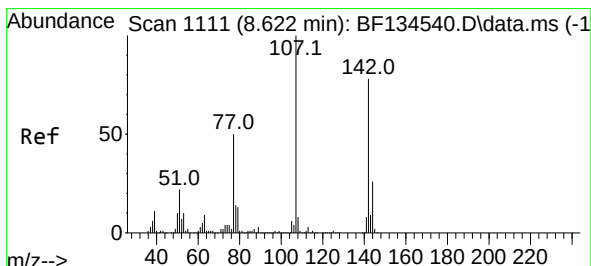
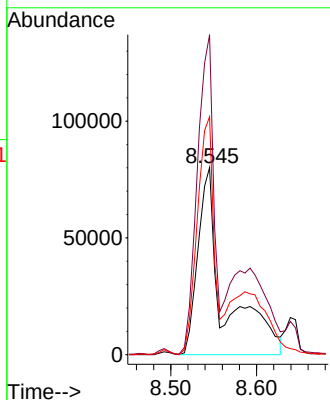
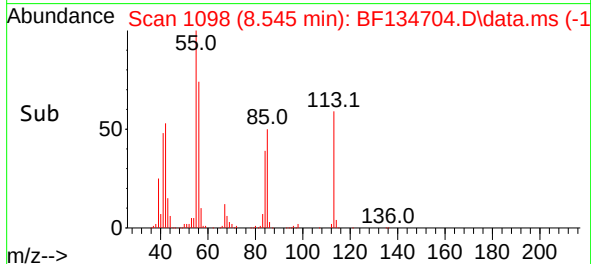
Instrument :
BNA_F
ClientSampleId :
PB154698BS



Tgt Ion:113 Resp: 169238
Ion Ratio Lower Upper
113 100
55 171.1 161.5 201.5
56 127.1 117.8 157.8

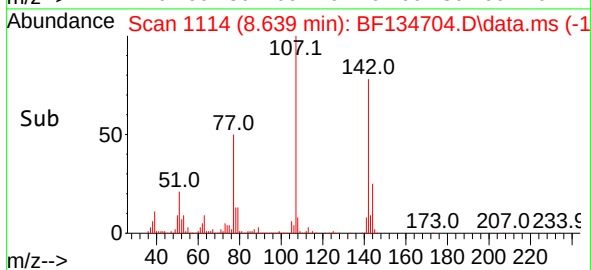
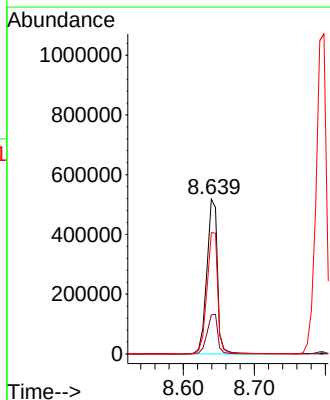
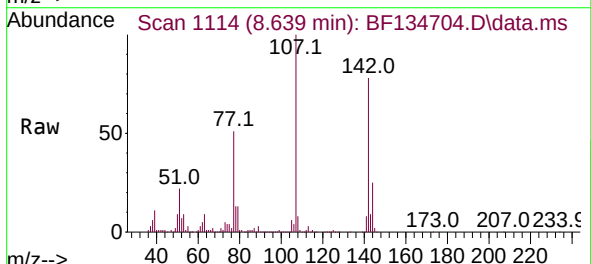
Manual Integrations
APPROVED

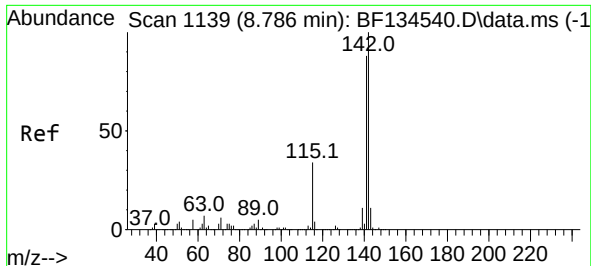
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#36
4-Chloro-3-methylphenol
Concen: 44.048 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:107 Resp: 534695
Ion Ratio Lower Upper
107 100
144 25.2 19.6 29.4
142 78.4 57.7 86.5





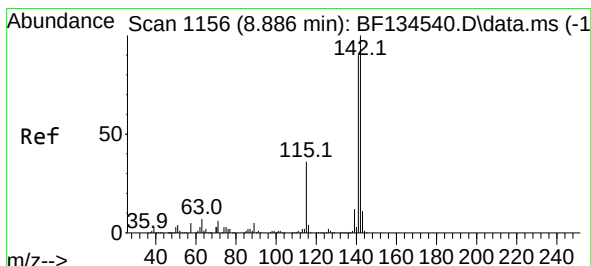
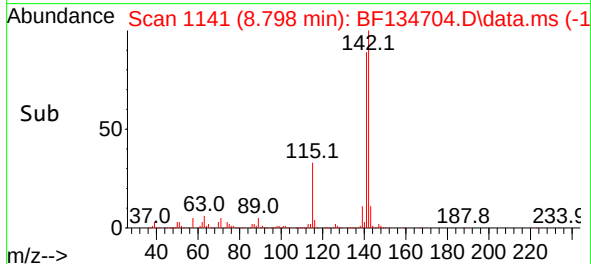
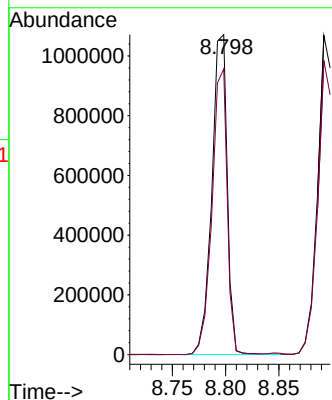
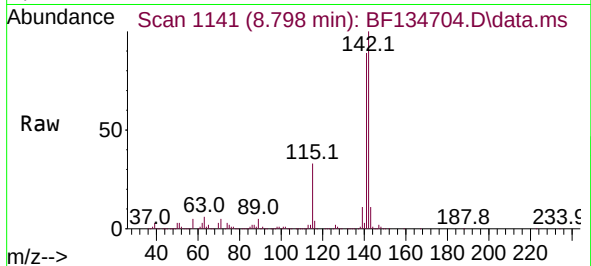
#37
2-Methylnaphthalene
Concen: 40.057 ng
RT: 8.798 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion:142 Resp: 108217
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2

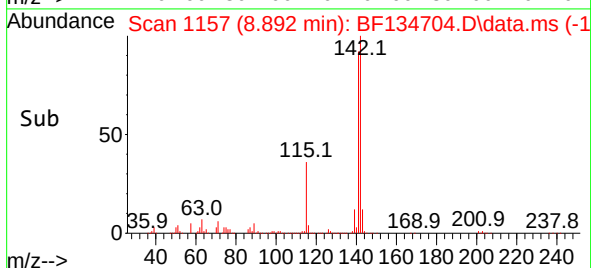
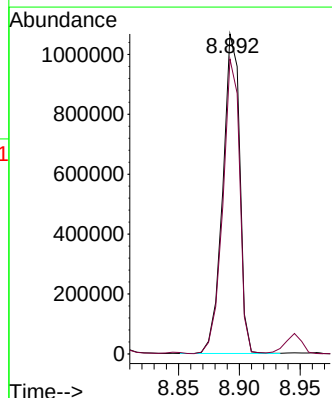
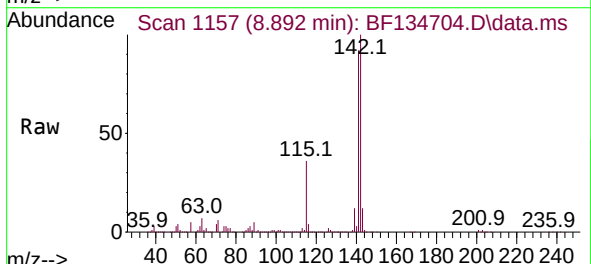
Manual Integrations
APPROVED

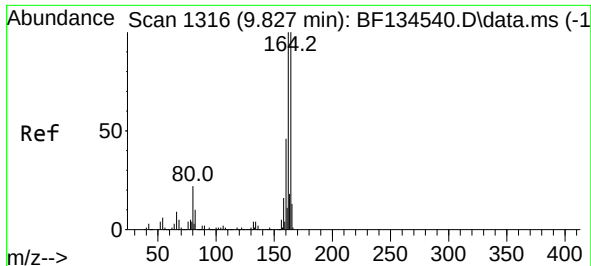
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#38
1-Methylnaphthalene
Concen: 41.116 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:142 Resp: 1032908
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2





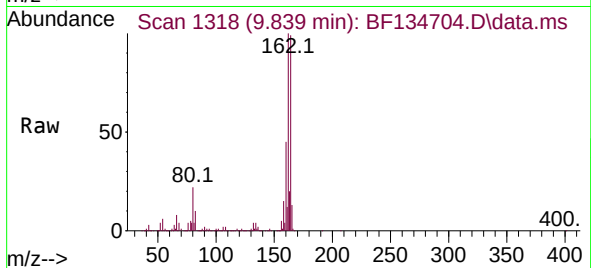
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

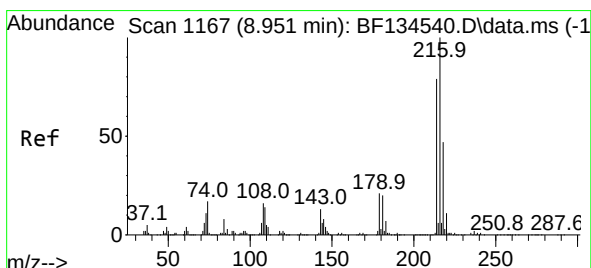
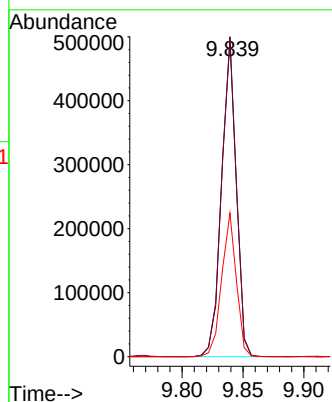
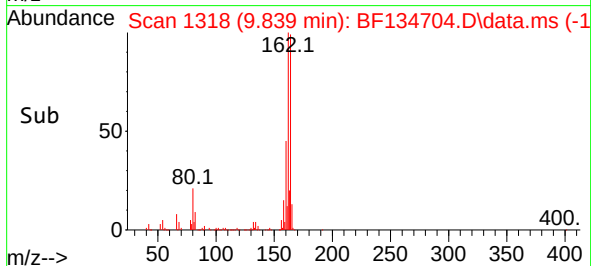


Tgt Ion:164 Resp: 414747
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 45.3 37.2 55.8

Manual Integrations

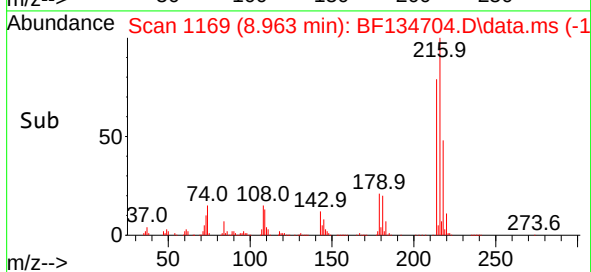
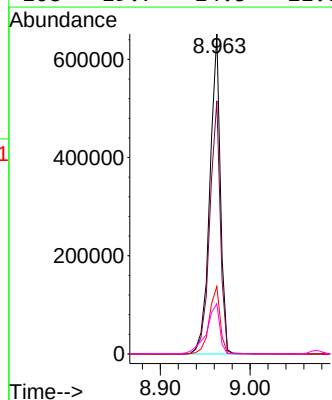
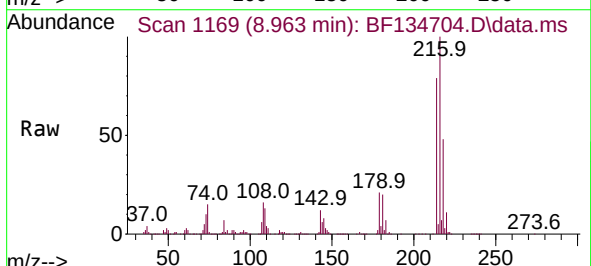
APPROVED

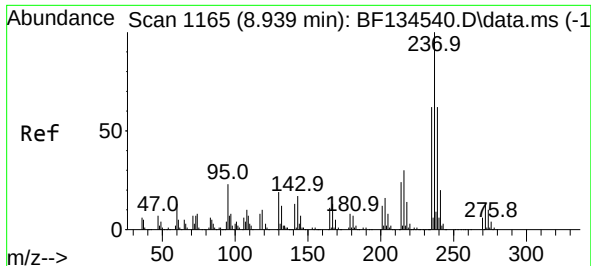
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.872 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:216 Resp: 529118
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 21.6 17.4 26.0
108 19.7 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 91.161 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

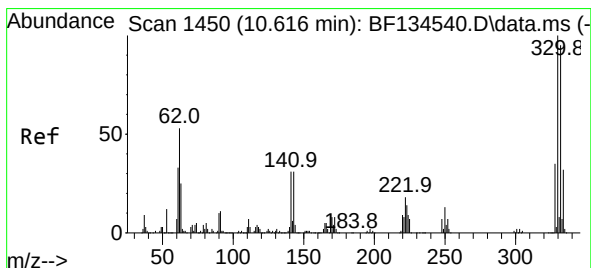
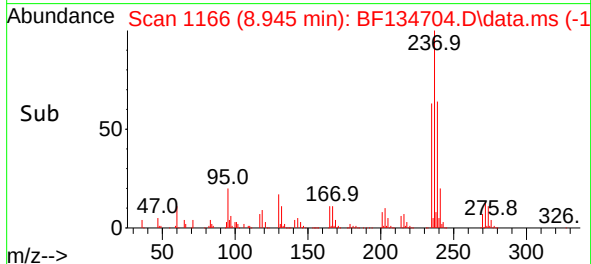
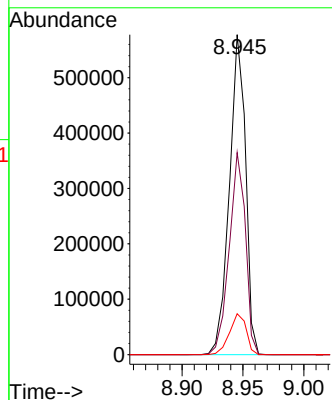
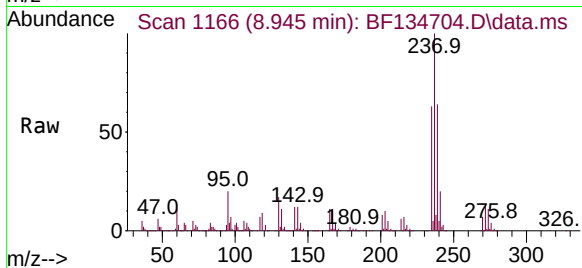
ClientSampleId :

PB154698BS

Tgt Ion:237 Resp: 53464
Ion Ratio Lower Upper
237 100
235 63.1 37.0 77.0
272 12.8 0.0 32.7

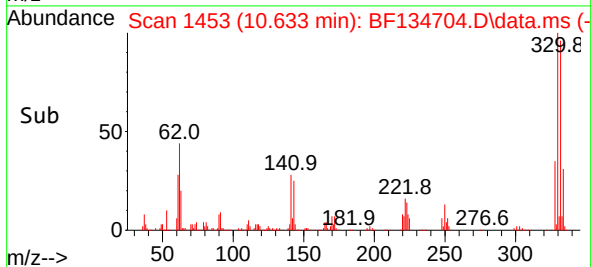
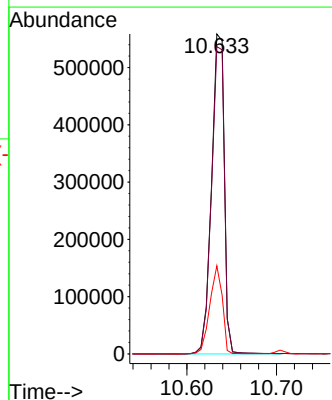
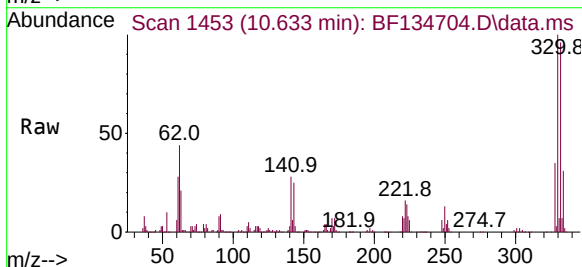
Manual Integrations
APPROVED

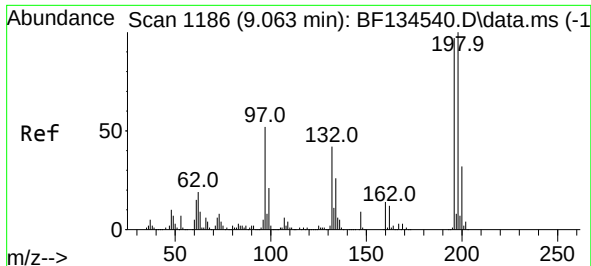
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#42
2,4,6-Tribromophenol
Concen: 131.219 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:330 Resp: 554786
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 27.1 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 46.201 ng
RT: 9.075 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

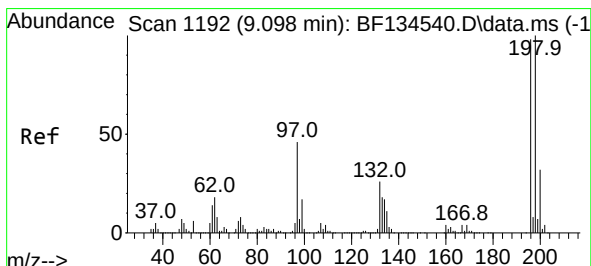
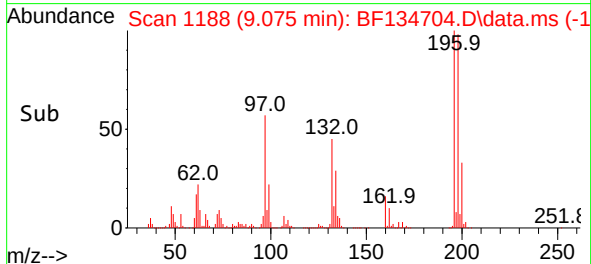
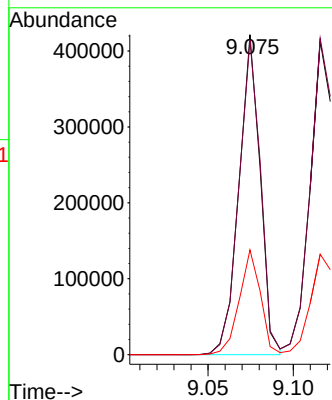
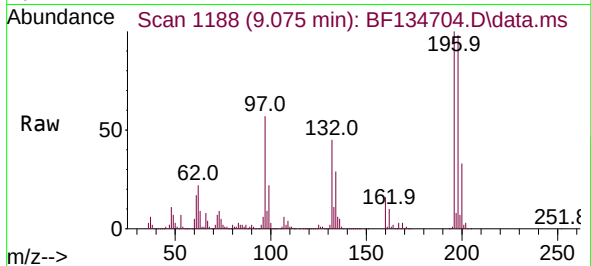
PB154698BS

Tgt Ion:196 Resp: 364666
Ion Ratio Lower Upper
196 100
198 98.4 77.4 116.2
200 32.7 25.4 38.2

Manual Integrations

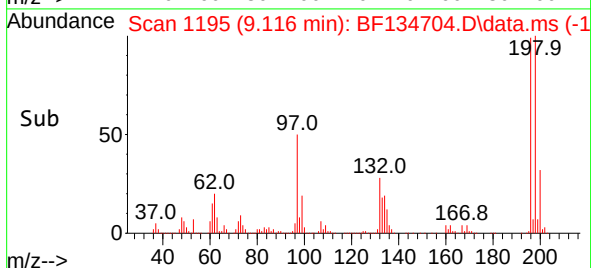
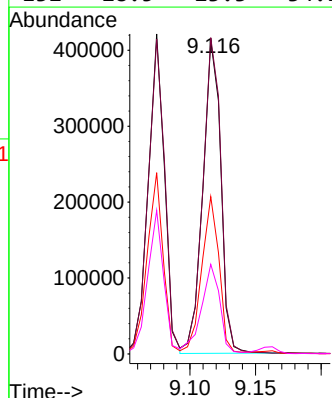
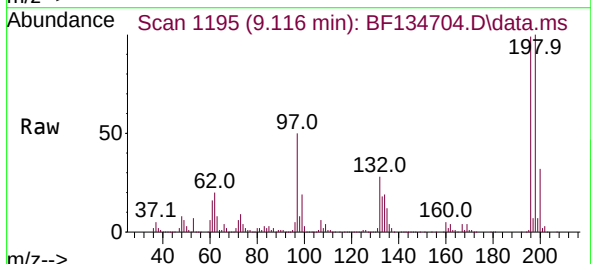
APPROVED

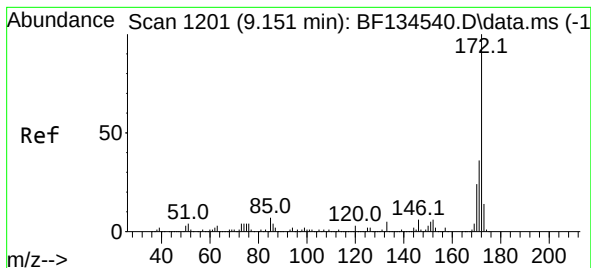
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#44
2,4,5-Trichlorophenol
Concen: 43.570 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:196 Resp: 393053
Ion Ratio Lower Upper
196 100
198 100.9 73.0 109.4
97 50.1 40.8 61.2
132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 78.939 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion:172 Resp: 1969078

Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

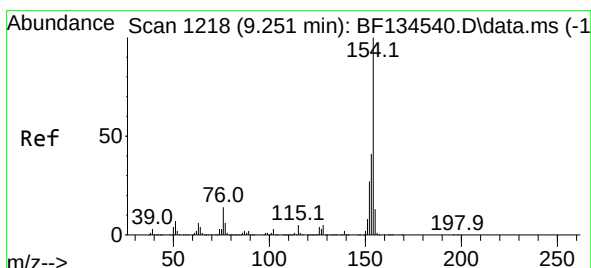
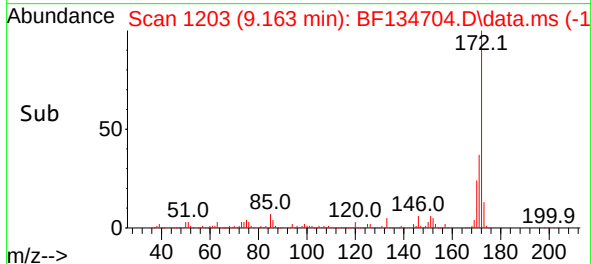
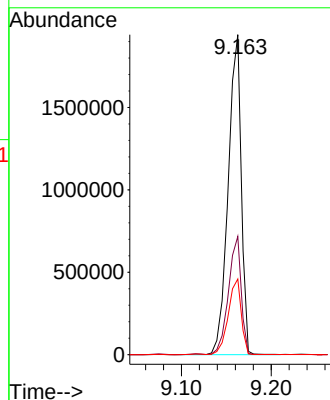
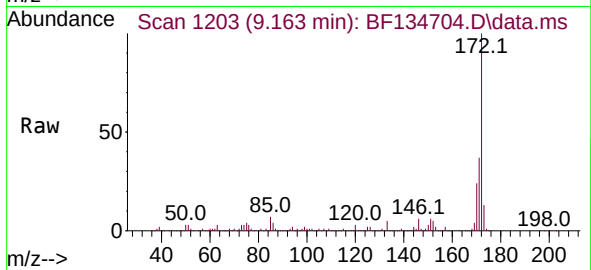
170 23.6 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#46

1,1'-Biphenyl

Concen: 42.150 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

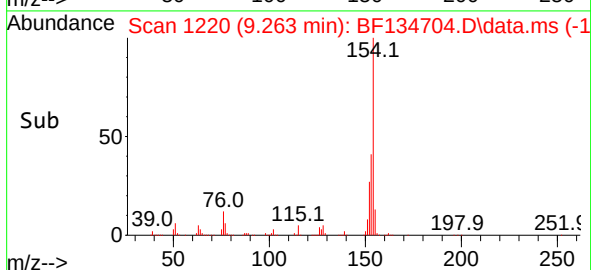
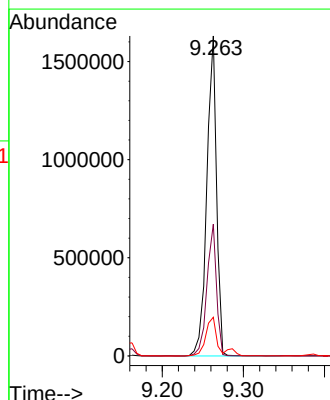
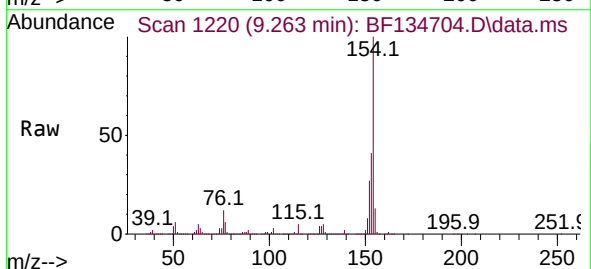
Tgt Ion:154 Resp: 1359414

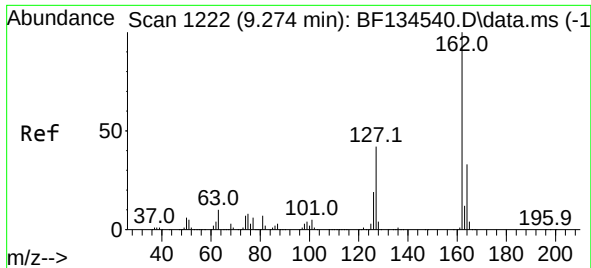
Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 12.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 43.166 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion:162 Resp: 104315

Ion Ratio Lower Upper

162 100

127 41.2 34.0 51.0

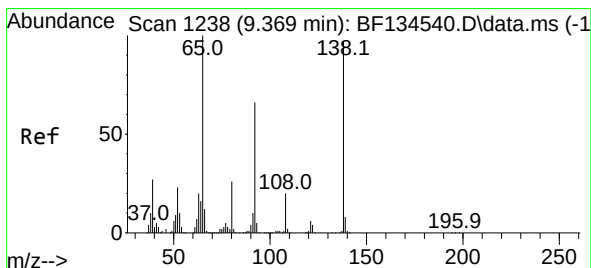
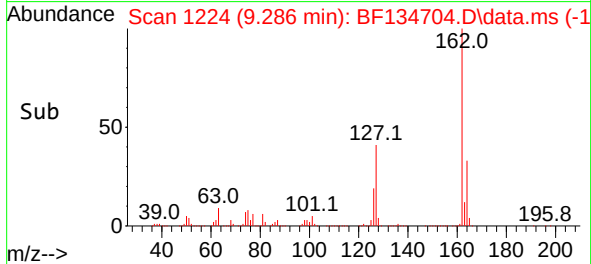
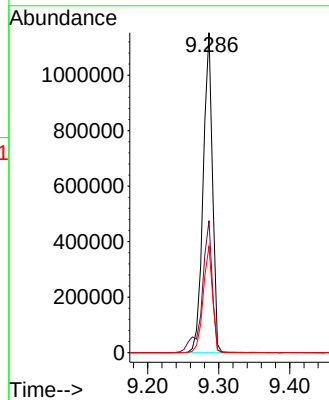
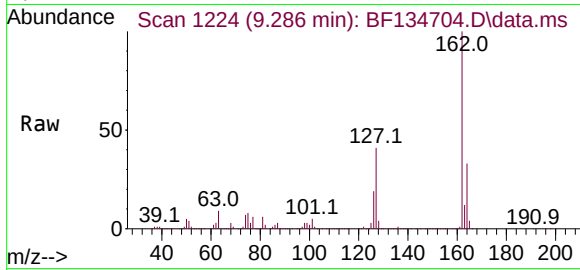
164 33.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#48

2-Nitroaniline

Concen: 45.848 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

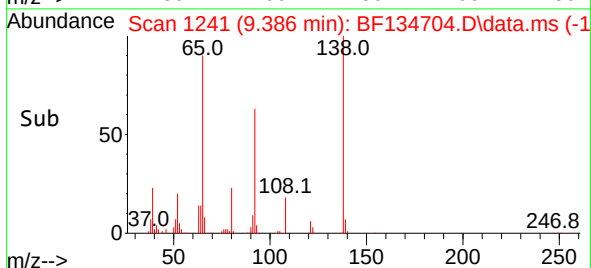
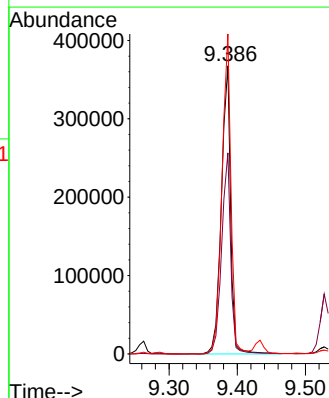
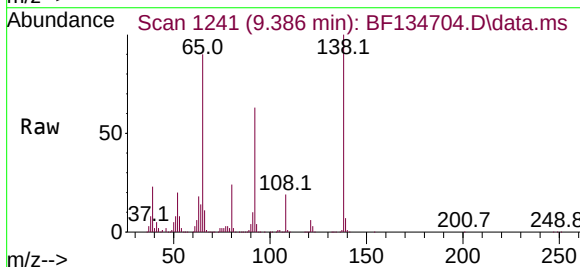
Tgt Ion: 65 Resp: 344285

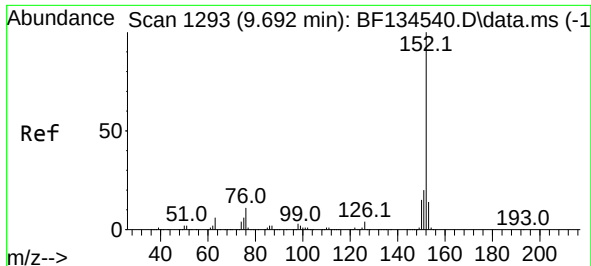
Ion Ratio Lower Upper

65 100

92 69.8 50.7 76.1

138 111.1 78.2 117.4





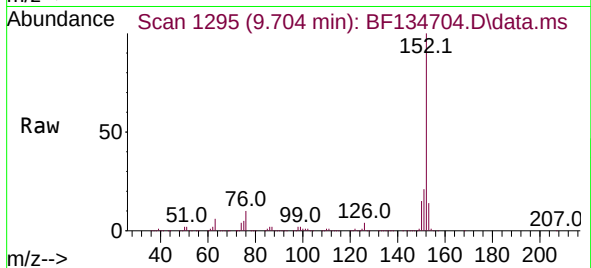
#49
Acenaphthylene
Concen: 42.332 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

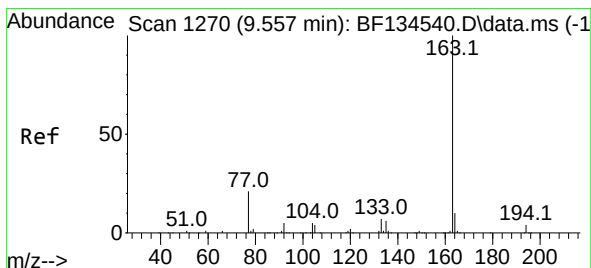
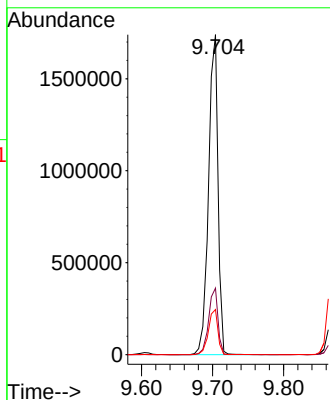
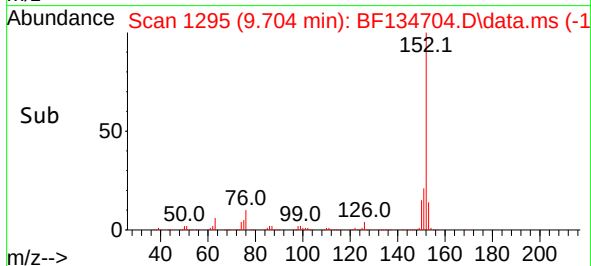


Tgt Ion:152 Resp: 1608073
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.1 10.9 16.3

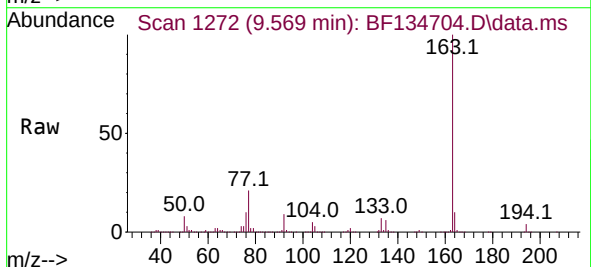
Manual Integrations

APPROVED

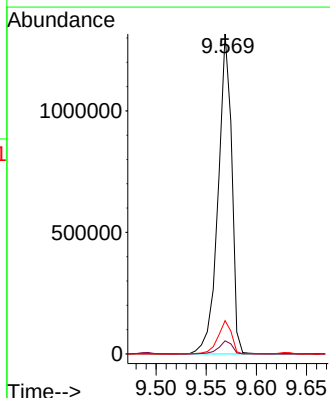
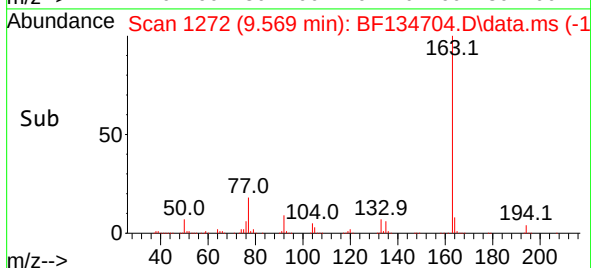
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

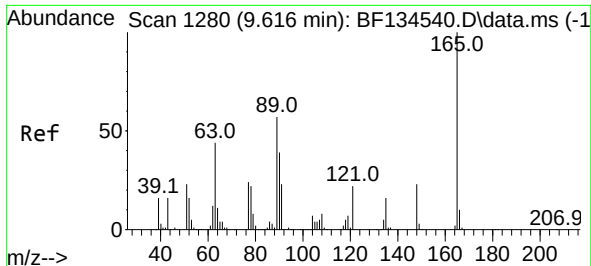


#50
Dimethylphthalate
Concen: 44.002 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



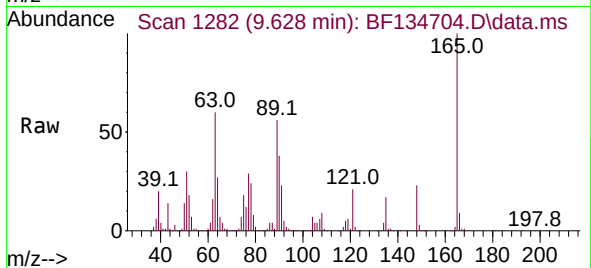
Tgt Ion:163 Resp: 1243848
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 49.761 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

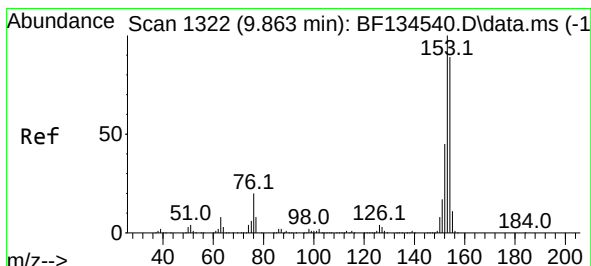
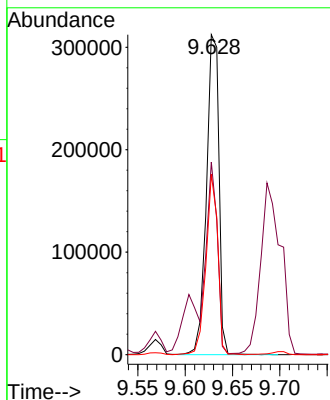
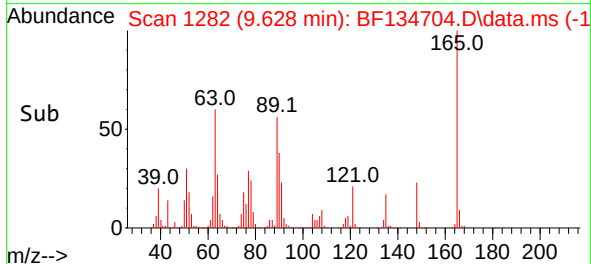
Instrument :
BNA_F
ClientSampleId :
PB154698BS



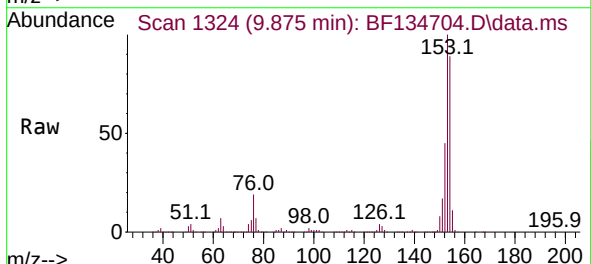
Tgt Ion:165 Resp: 288776
Ion Ratio Lower Upper
165 100
63 60.2 57.8 86.6
89 56.3 51.8 77.8

Manual Integrations
APPROVED

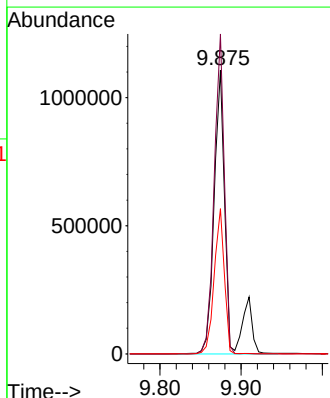
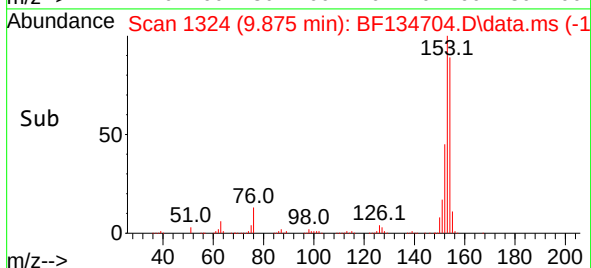
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

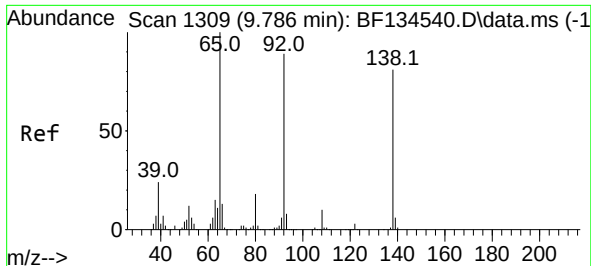


#52
Acenaphthene
Concen: 47.304 ng m
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



Tgt Ion:154 Resp: 1164493
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 51.2 42.4 63.6





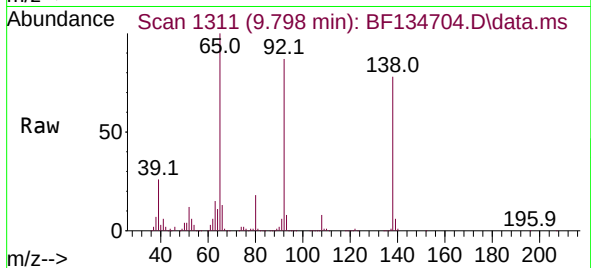
#53
3-Nitroaniline
Concen: 41.555 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

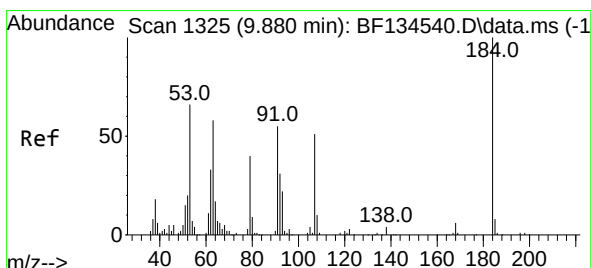
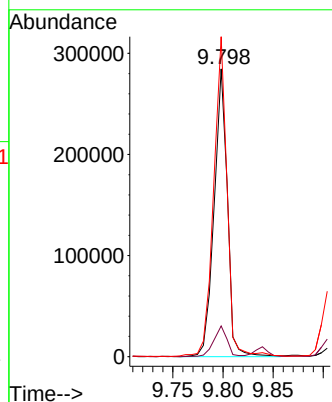
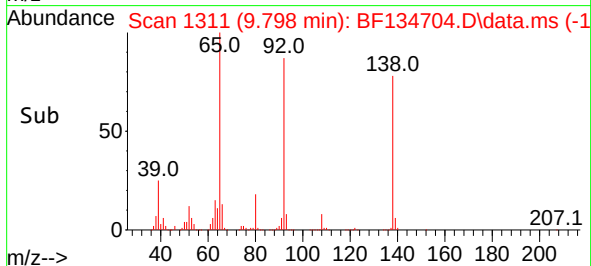


Tgt Ion:138 Resp: 261825
Ion Ratio Lower Upper
138 100
108 10.6 9.3 13.9
92 111.2 86.6 129.8

Manual Integrations

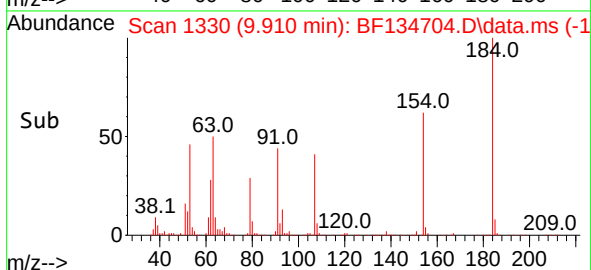
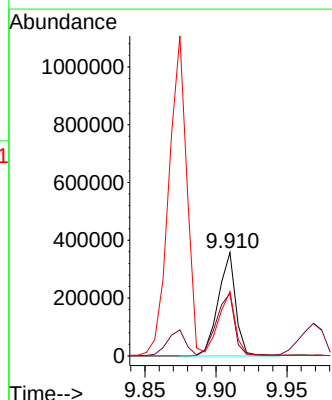
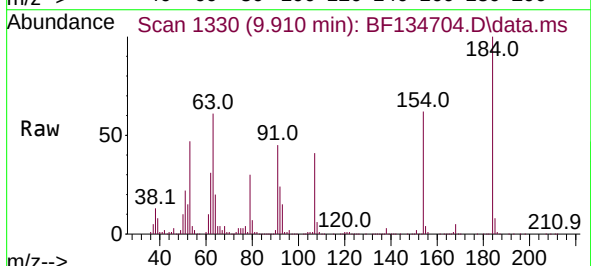
APPROVED

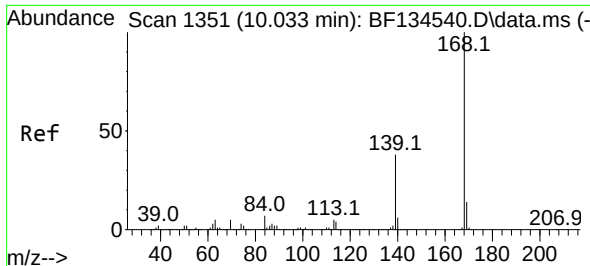
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#54
2,4-Dinitrophenol
Concen: 113.512 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

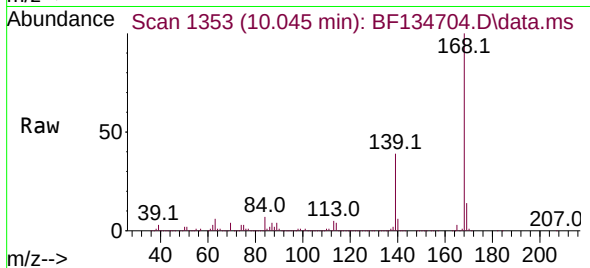
Tgt Ion:184 Resp: 307190
Ion Ratio Lower Upper
184 100
63 60.5 57.1 85.7
154 62.1 59.1 88.7





#55
Dibenzenofuran
Concen: 40.956 ng
RT: 10.045 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

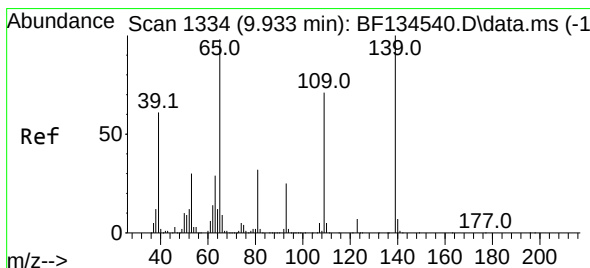
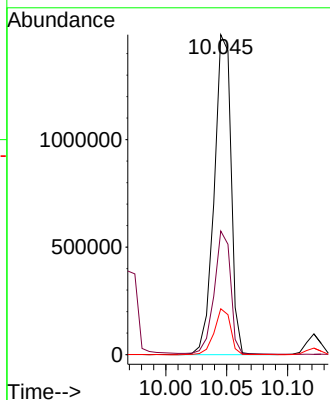
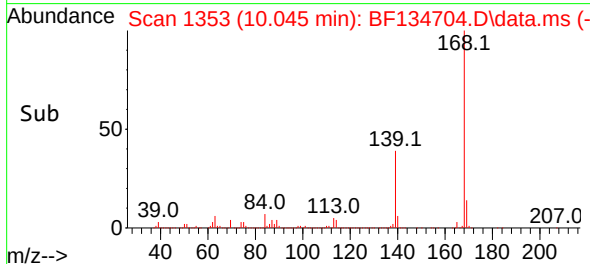
Instrument :
BNA_F
ClientSampleId :
PB154698BS



Tgt Ion:168 Resp: 143525
Ion Ratio Lower Upper
168 100
139 38.6 33.4 50.2
169 14.3 10.6 15.8

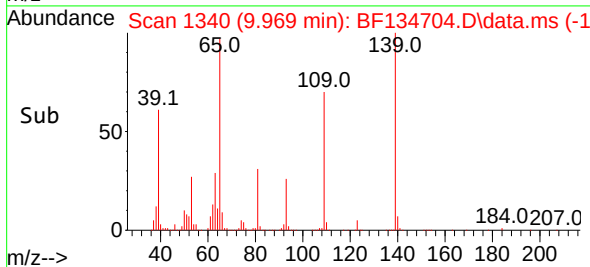
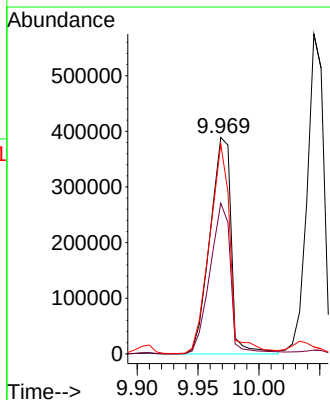
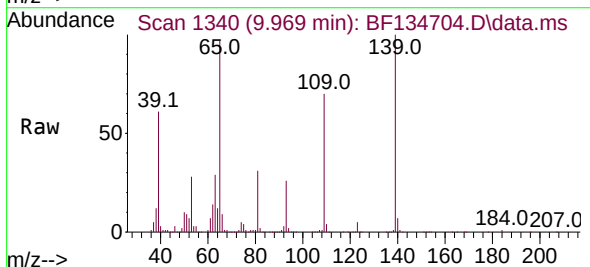
Manual Integrations
APPROVED

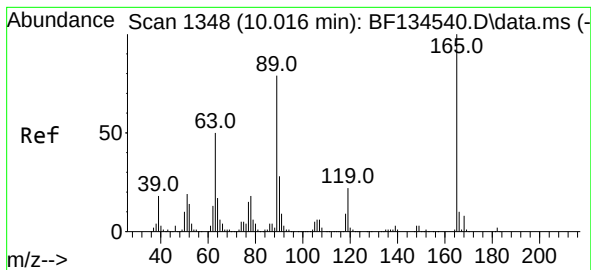
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#56
4-Nitrophenol
Concen: 91.653 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

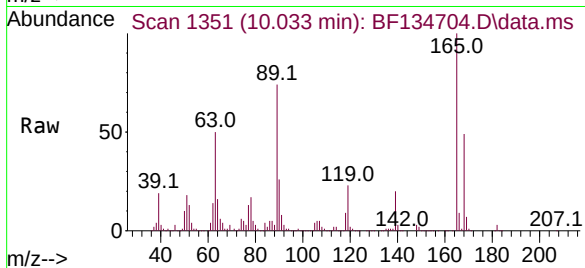
Tgt Ion:139 Resp: 472299
Ion Ratio Lower Upper
139 100
109 69.6 76.9 116.9#
65 97.0 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 51.585 ng
RT: 10.033 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

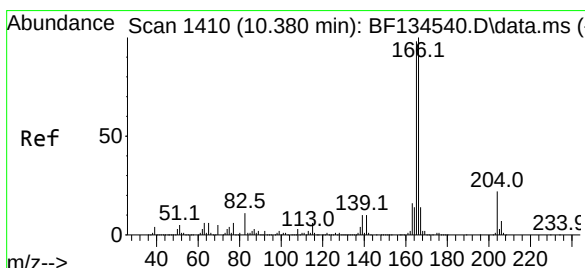
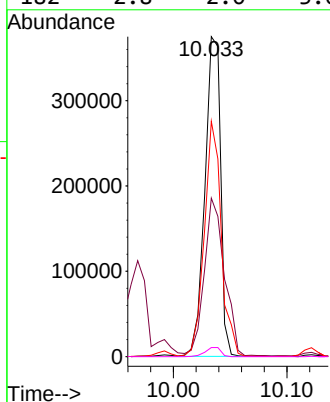
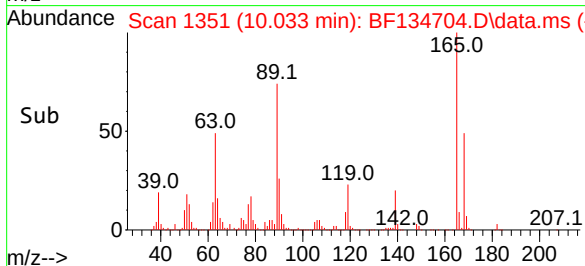
Instrument :
BNA_F
ClientSampleId :
PB154698BS



Tgt Ion:165 Resp: 362454
Ion Ratio Lower Upper
165 100
63 49.5 48.9 73.3
89 73.5 61.7 92.5
182 2.8 2.0 3.0

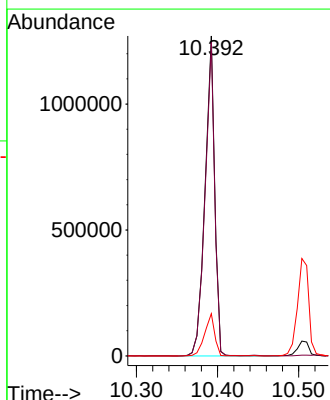
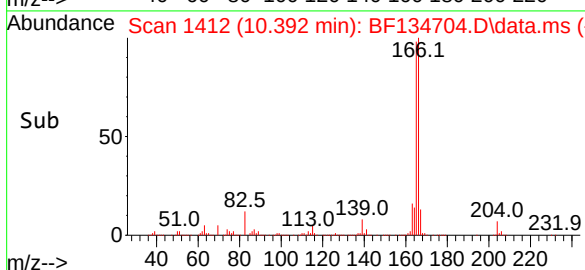
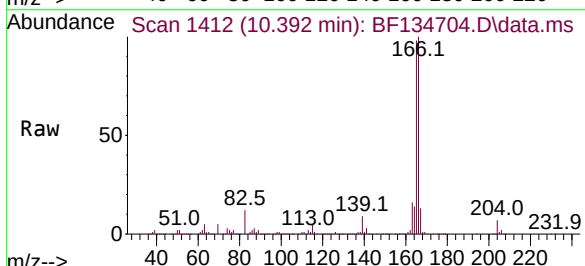
Manual Integrations
APPROVED

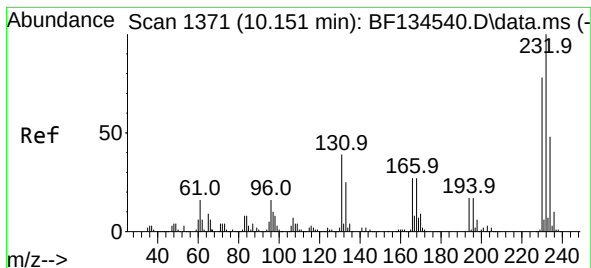
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#58
Fluorene
Concen: 41.473 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:166 Resp: 1058623
Ion Ratio Lower Upper
166 100
165 97.9 74.5 111.7
167 13.2 10.6 16.0





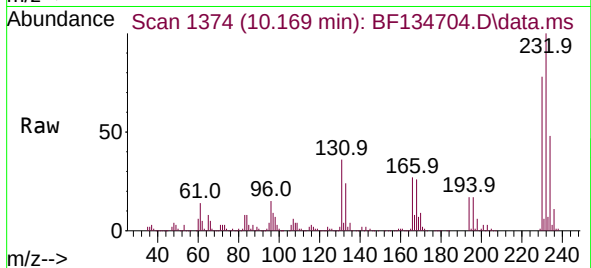
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.473 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

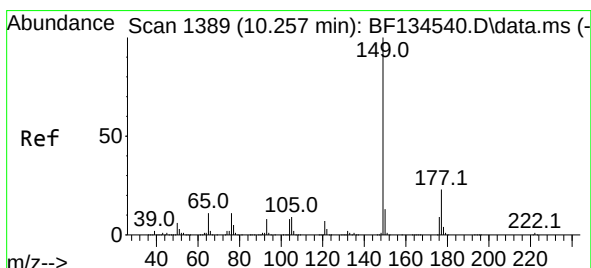
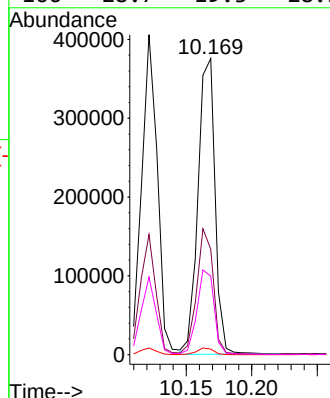
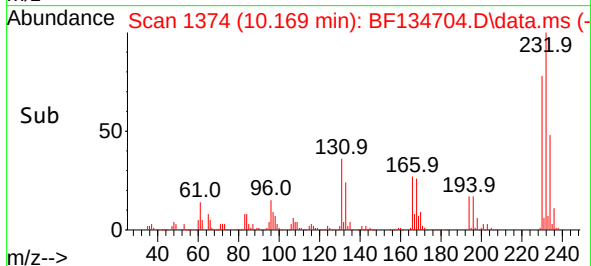


Tgt Ion:232 Resp: 338813
Ion Ratio Lower Upper
232 100
131 41.3 33.4 50.0
130 2.2 1.8 2.6
166 28.7 19.3 28.9

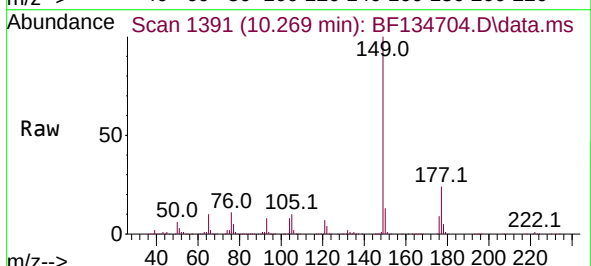
Manual Integrations

APPROVED

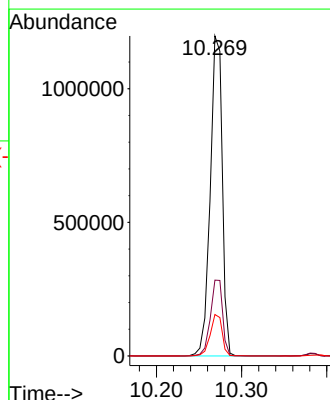
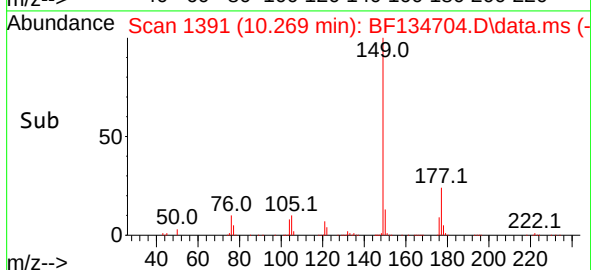
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

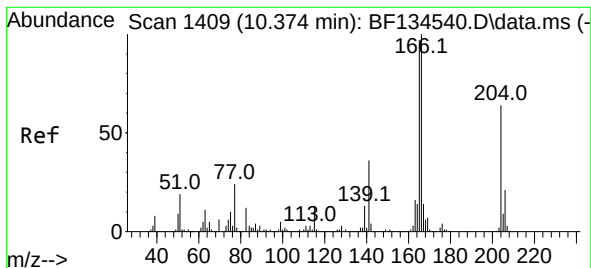


#60
Diethylphthalate
Concen: 43.913 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



Tgt Ion:149 Resp: 1176611
Ion Ratio Lower Upper
149 100
177 23.7 17.0 25.4
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.941 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

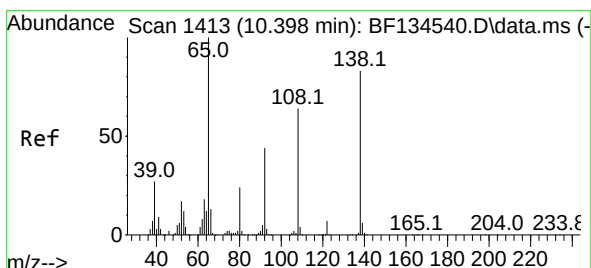
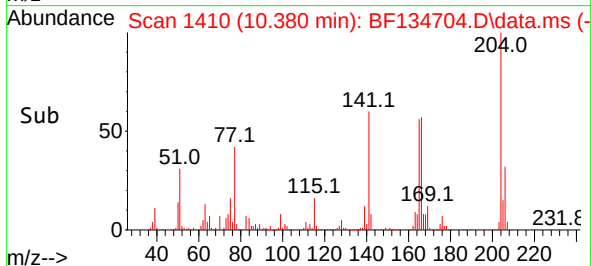
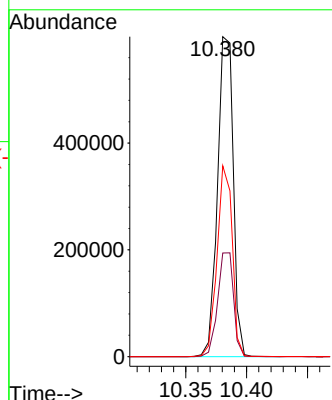
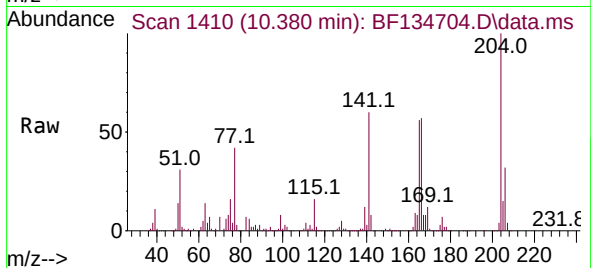
PB154698BS

Tgt Ion:204 Resp: 538764
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 59.6 52.2 78.4

Manual Integrations

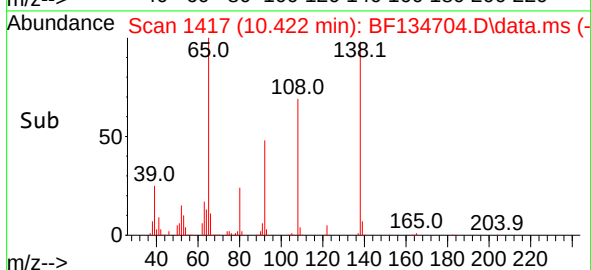
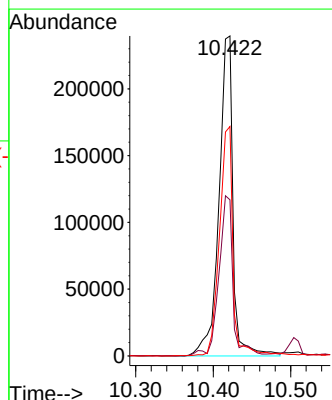
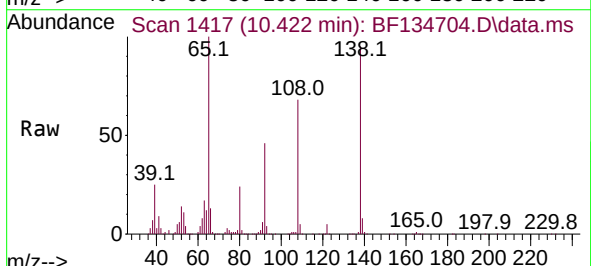
APPROVED

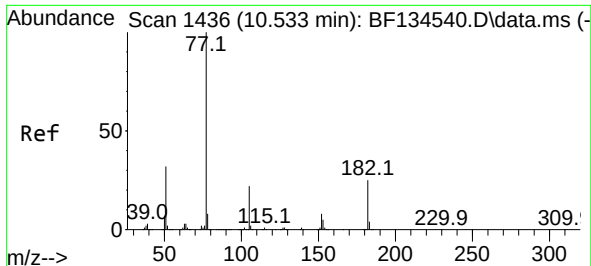
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#62
4-Nitroaniline
Concen: 48.894 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

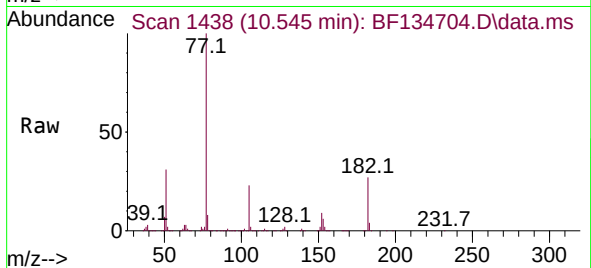
Tgt Ion:138 Resp: 301948
Ion Ratio Lower Upper
138 100
92 48.8 27.0 67.0
108 71.7 70.4 110.4





#63
Azobenzene
Concen: 40.814 ng
RT: 10.545 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

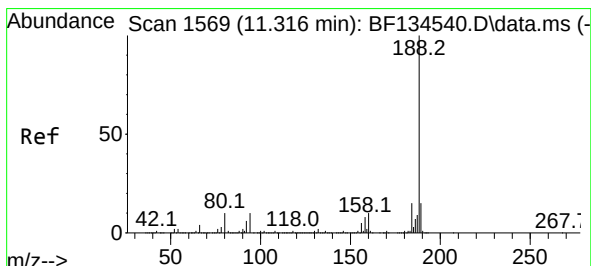
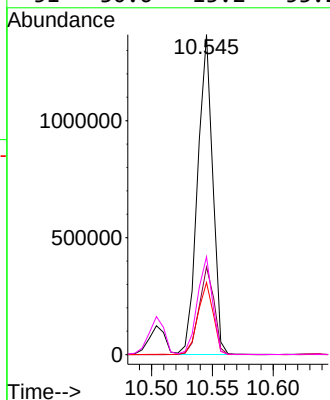
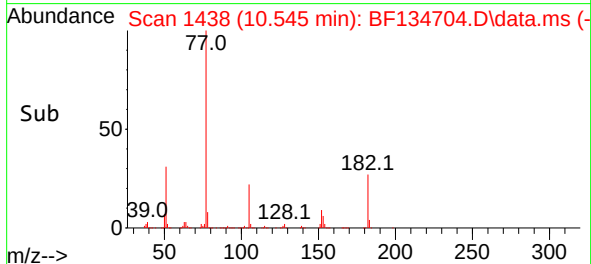
Instrument :
BNA_F
ClientSampleId :
PB154698BS



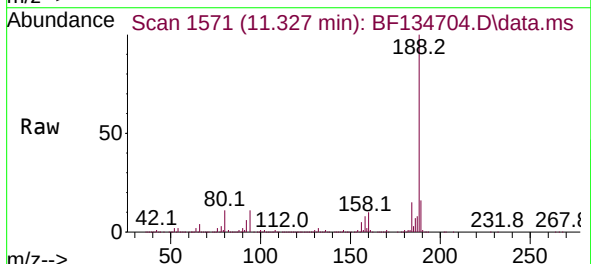
Tgt Ion: 77 Resp: 1174937
Ion Ratio Lower Upper
77 100
182 27.4 7.5 47.5
105 22.5 1.9 41.9
51 30.6 13.2 53.2

Manual Integrations
APPROVED

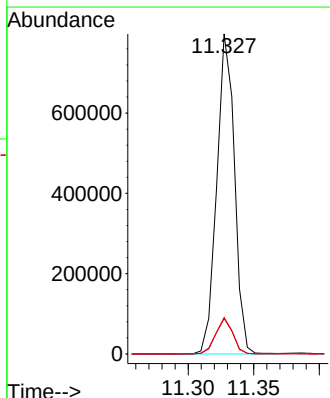
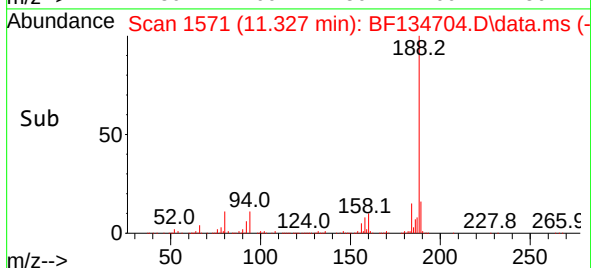
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

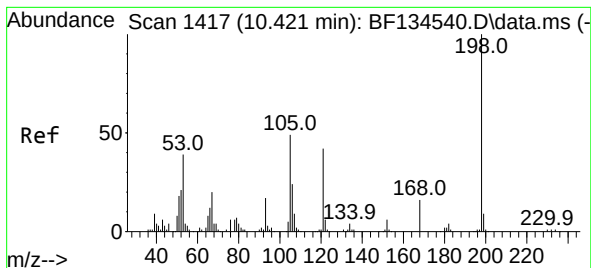


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



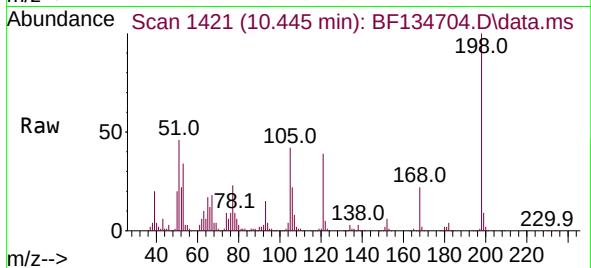
Tgt Ion:188 Resp: 751163
Ion Ratio Lower Upper
188 100
94 11.1 5.1 7.7#
80 11.4 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 63.656 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

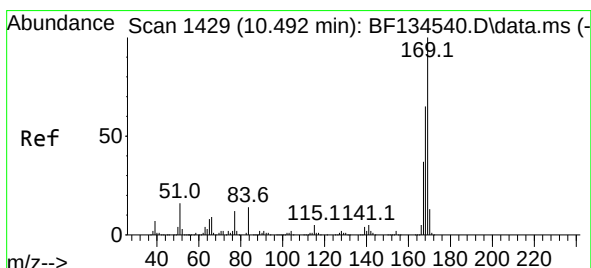
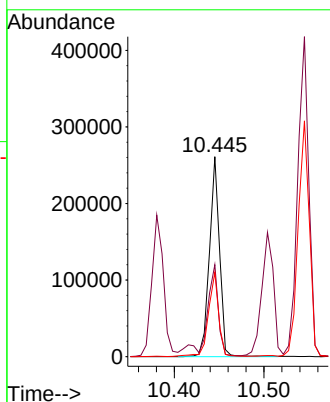
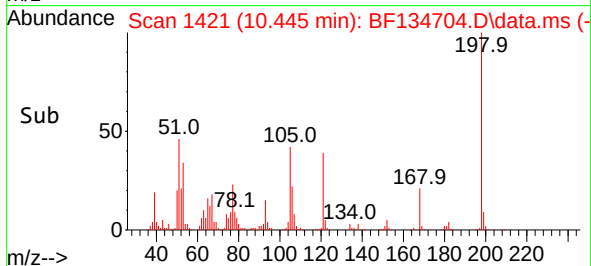
Instrument :
BNA_F
ClientSampleId :
PB154698BS



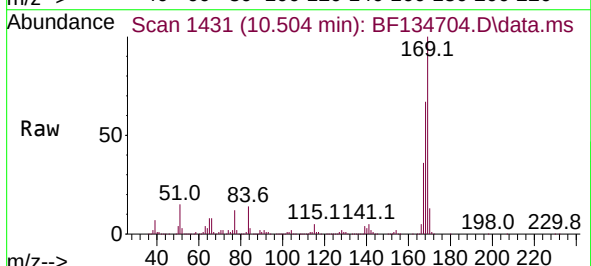
Tgt Ion:198 Resp: 203785
Ion Ratio Lower Upper
198 100
51 46.0 38.6 78.6
105 42.0 27.9 67.9

Manual Integrations
APPROVED

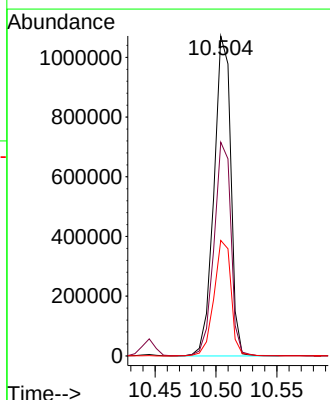
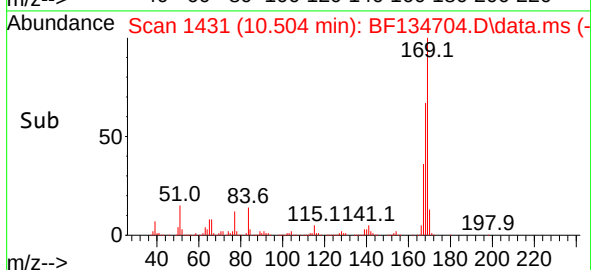
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

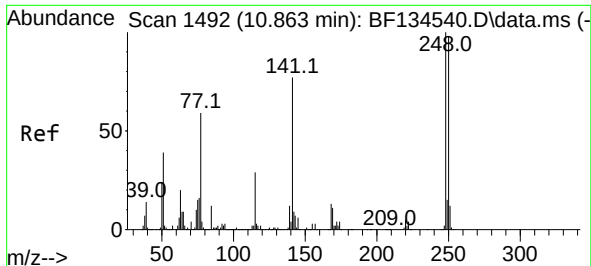


#66
n-Nitrosodiphenylamine
Concen: 43.021 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



Tgt Ion:169 Resp: 1028576
Ion Ratio Lower Upper
169 100
168 66.8 52.6 78.8
167 36.1 29.8 44.8





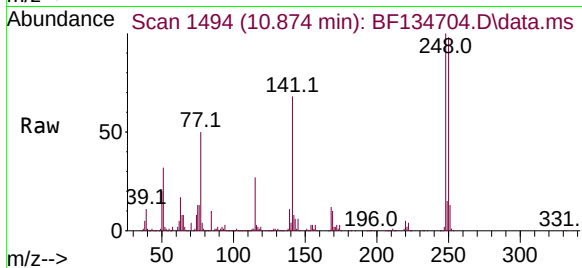
#67
4-Bromophenyl-phenylether
Concen: 45.972 ng
RT: 10.874 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

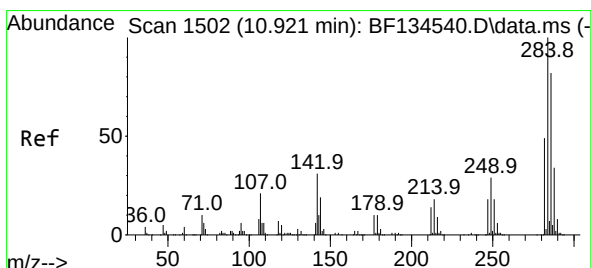
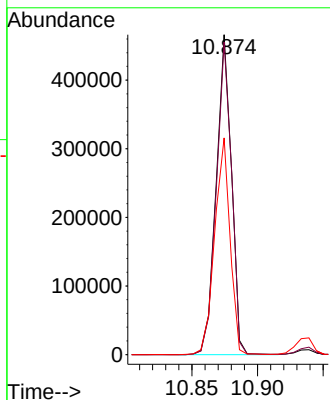
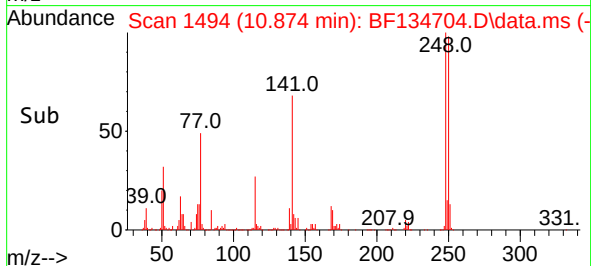
PB154698BS



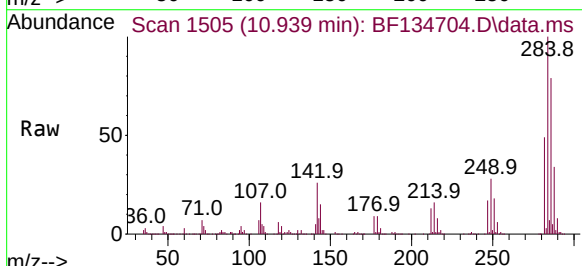
Tgt Ion:248 Resp: 378023
Ion Ratio Lower Upper
248 100
250 97.7 79.6 119.4
141 67.7 59.6 89.4

Manual Integrations
APPROVED

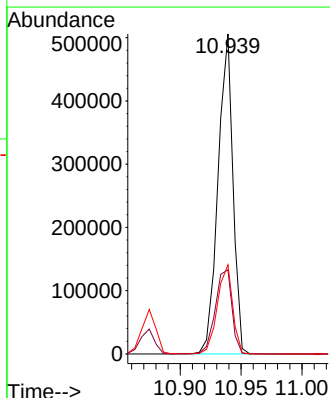
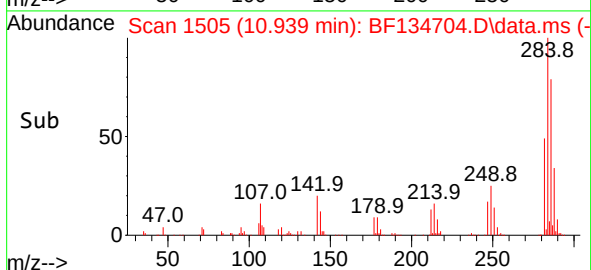
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

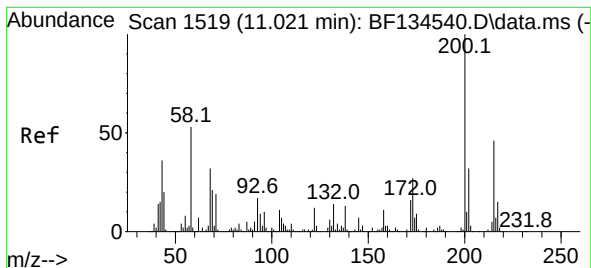


#68
Hexachlorobenzene
Concen: 49.740 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38



Tgt Ion:284 Resp: 431898
Ion Ratio Lower Upper
284 100
142 26.3 26.5 39.7#
249 27.8 23.8 35.8





#69

Atrazine

Concen: 56.363 ng

RT: 11.039 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

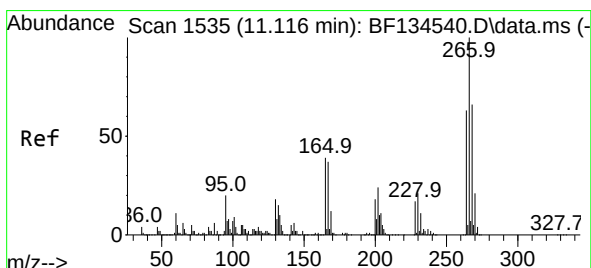
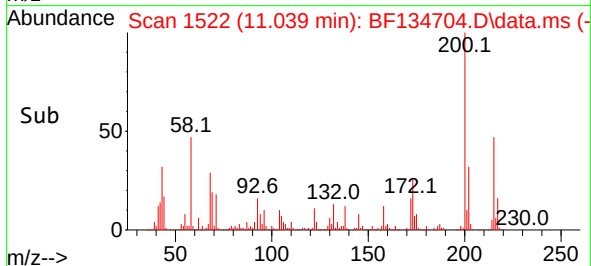
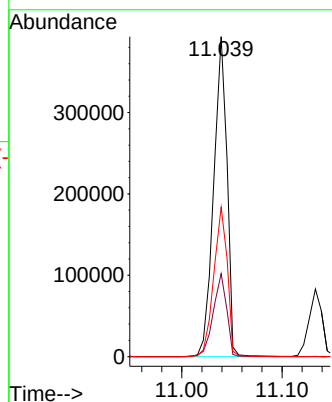
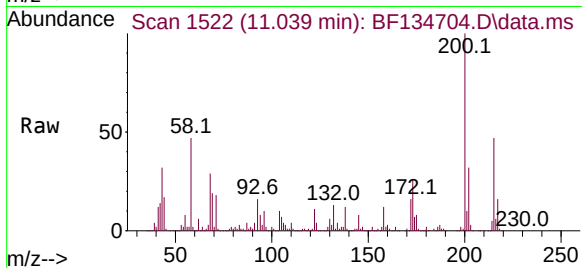
PB154698BS

Tgt Ion:200 Resp: 363218
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.1 46.1
 215 46.7 29.7 69.7

Manual Integrations

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



#70

Pentachlorophenol

Concen: 78.735 ng

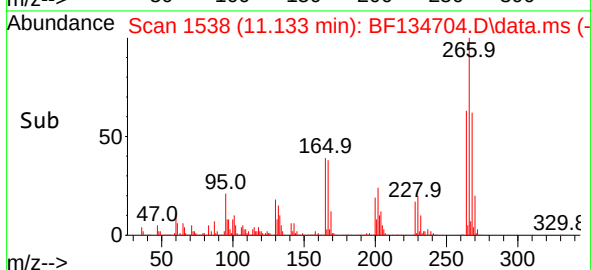
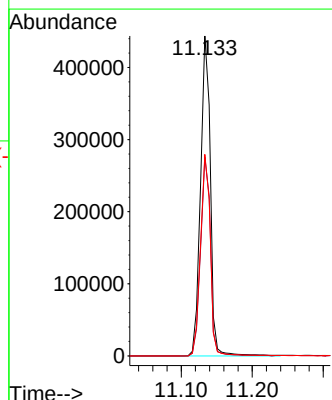
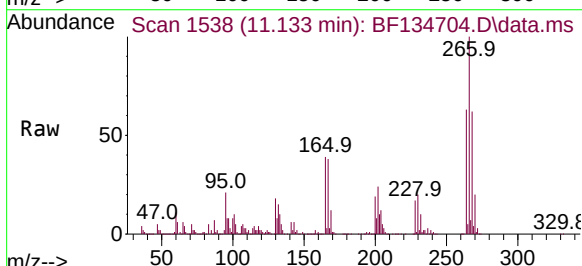
RT: 11.133 min Scan# 1538

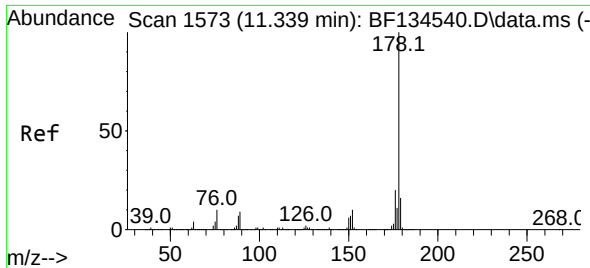
Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Tgt Ion:266 Resp: 423307
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.9 79.3
 264 63.0 47.8 71.6





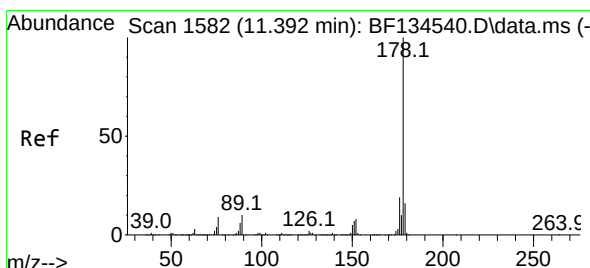
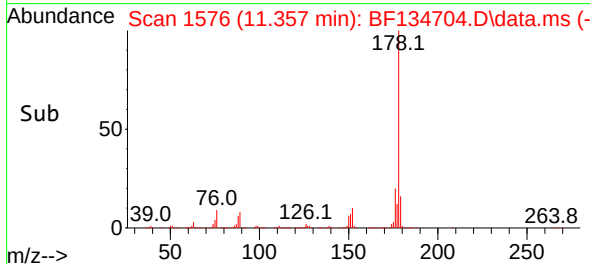
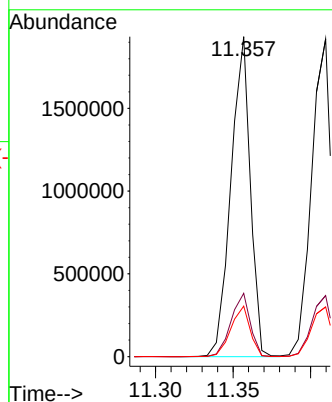
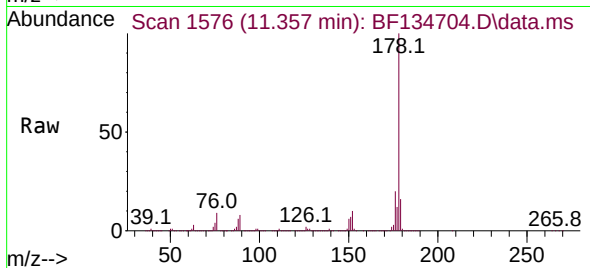
#71
Phenanthrene
Concen: 42.361 ng
RT: 11.357 min Scan# 11357
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion:178 Resp: 1690148
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 12.7 19.1

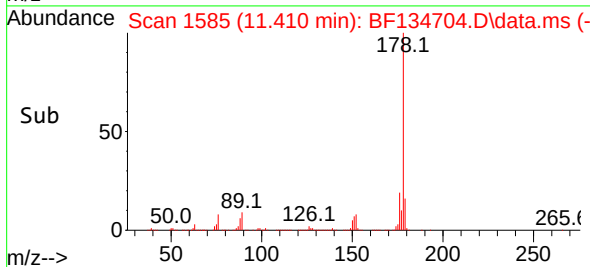
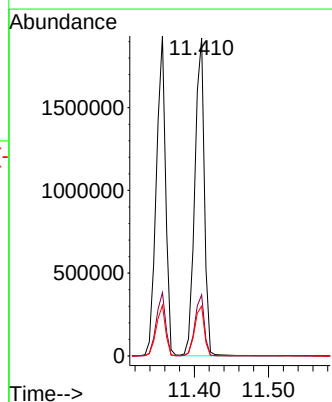
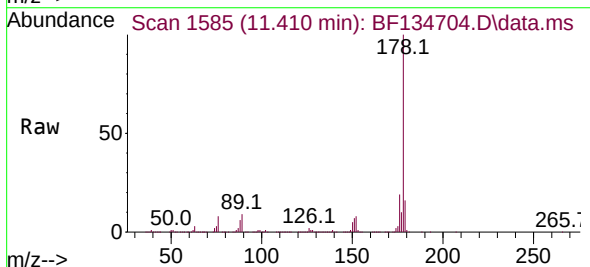
Manual Integrations
APPROVED

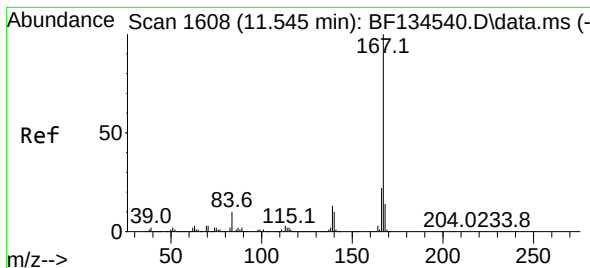
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#72
Anthracene
Concen: 42.142 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:178 Resp: 1717465
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 15.6 12.3 18.5





#73

Carbazole

Concen: 42.430 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion:167 Resp: 1543986

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

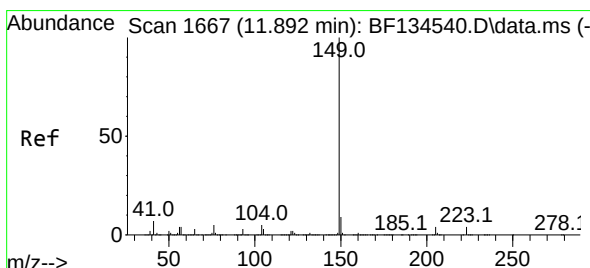
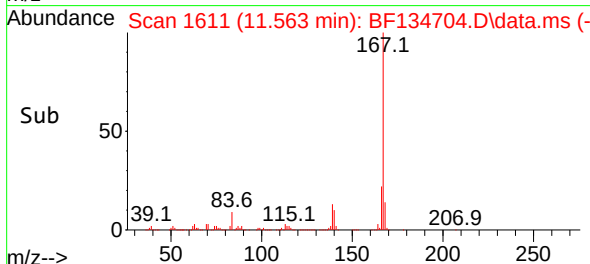
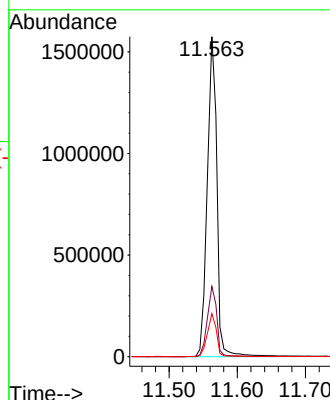
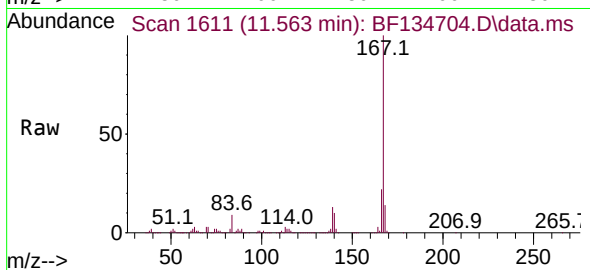
139 13.4 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#74

Di-n-butylphthalate

Concen: 47.685 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

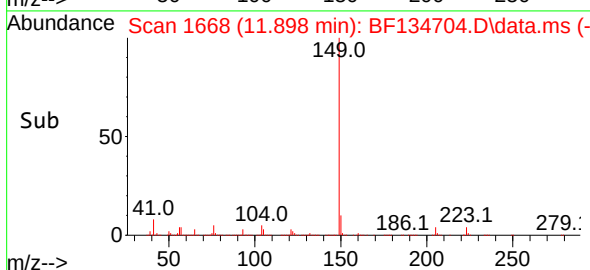
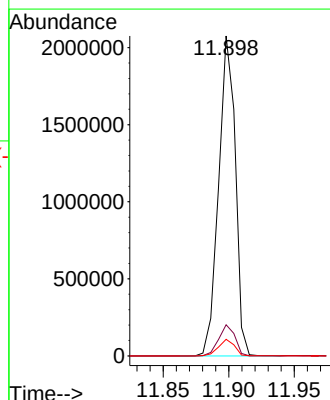
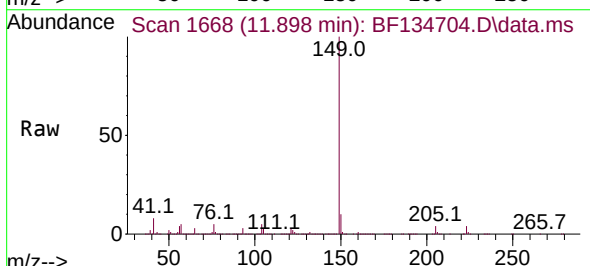
Tgt Ion:149 Resp: 1843468

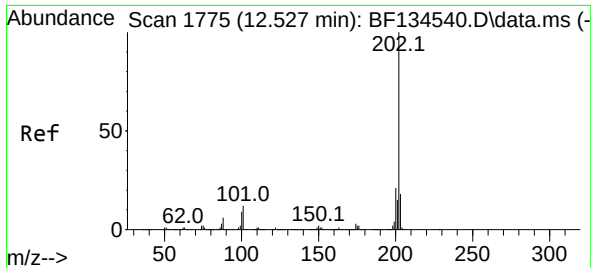
Ion Ratio Lower Upper

149 100

150 9.7 7.2 10.8

104 5.2 3.8 5.8





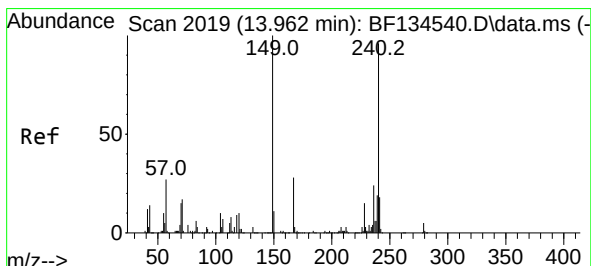
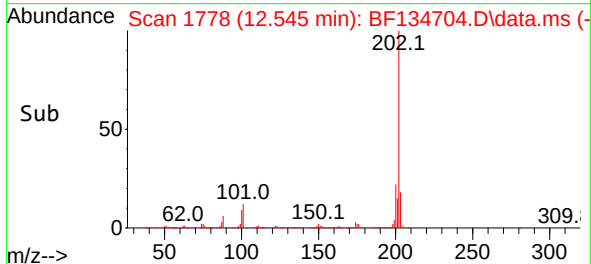
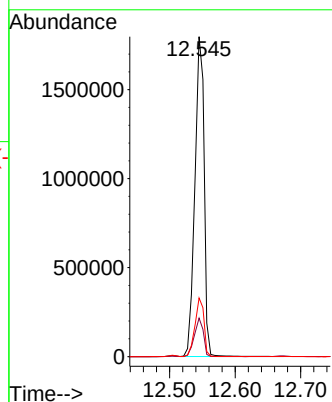
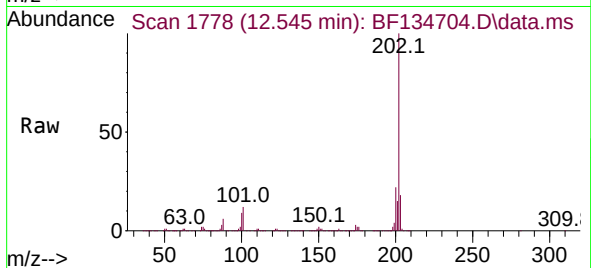
#75
Fluoranthene
Concen: 41.915 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion:202 Resp: 1766512
Ion Ratio Lower Upper
202 100
101 12.0 0.0 28.5
203 18.3 0.0 37.5

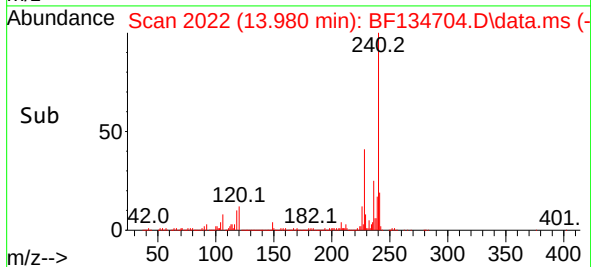
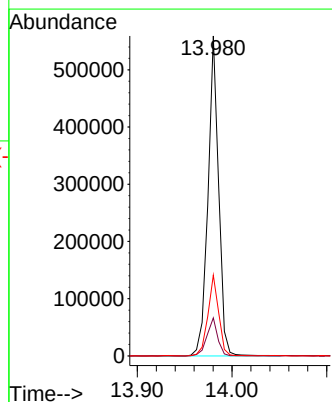
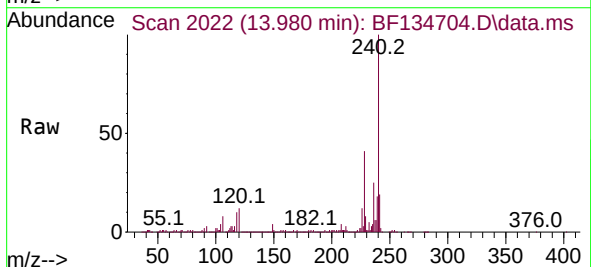
Manual Integrations
APPROVED

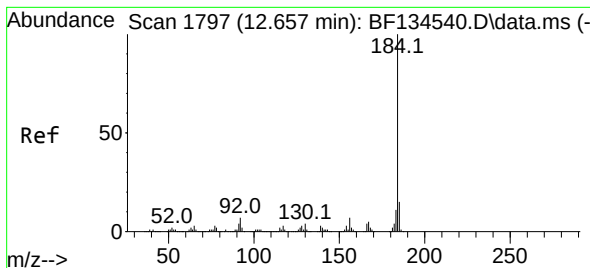
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:240 Resp: 438824
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 25.3 20.2 30.2





#77

Benzidine

Concen: 76.284 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.012 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion:184 Resp: 726680

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

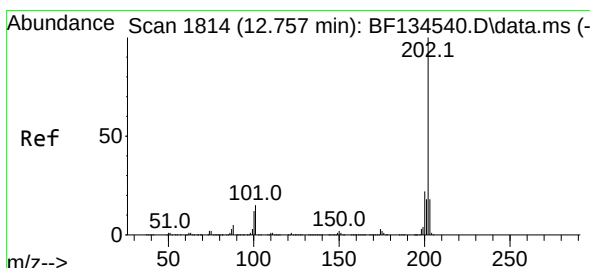
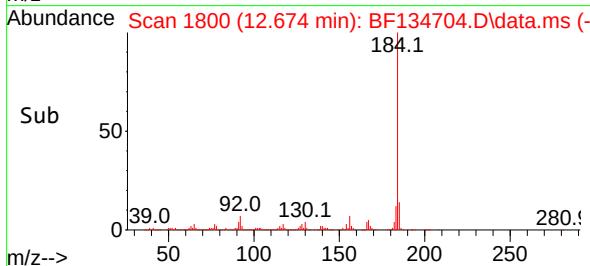
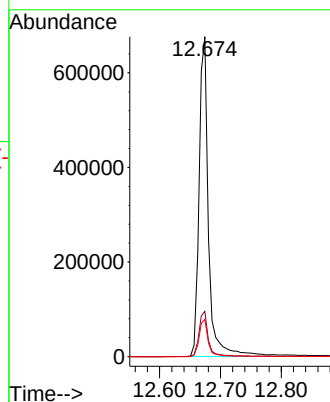
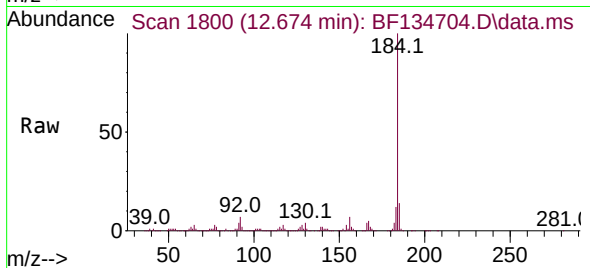
183 11.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#78

Pyrene

Concen: 46.610 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

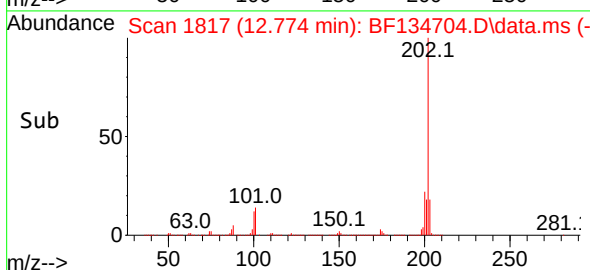
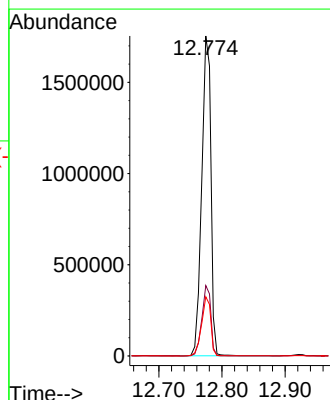
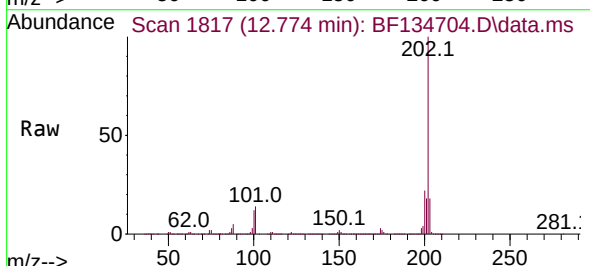
Tgt Ion:202 Resp: 1769895

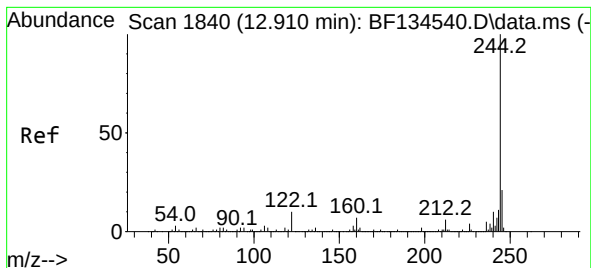
Ion Ratio Lower Upper

202 100

200 22.0 15.8 23.8

203 18.5 13.5 20.3





#79

Terphenyl-d14

Concen: 96.287 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF134704.D

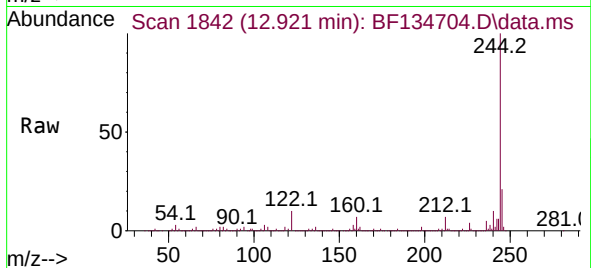
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS



Tgt Ion:244 Resp: 2396834

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

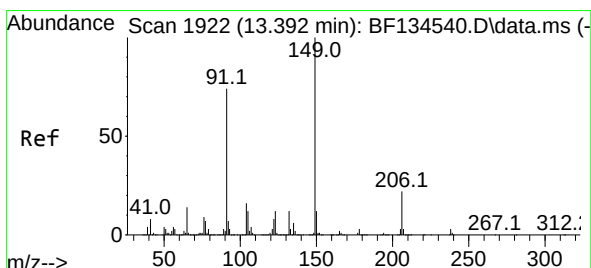
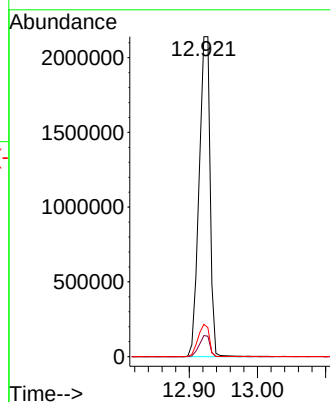
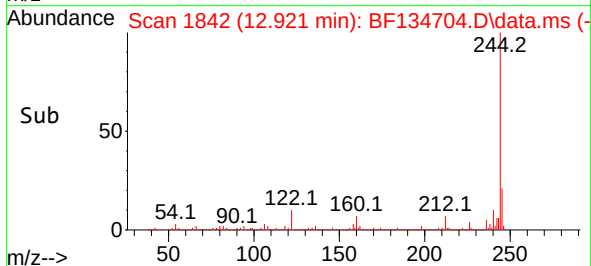
122 10.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#80

Butylbenzylphthalate

Concen: 52.322 ng

RT: 13.404 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

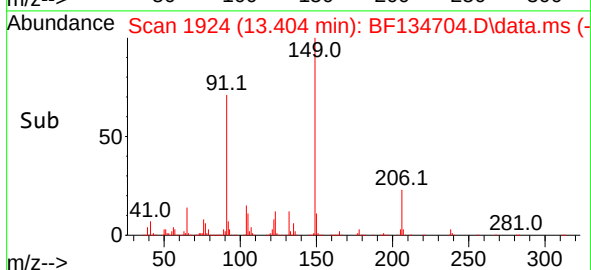
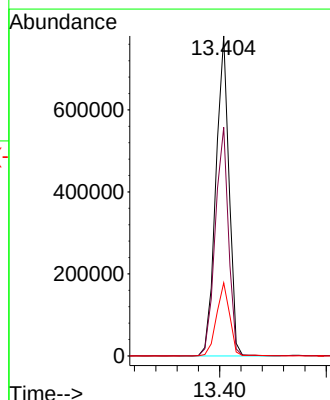
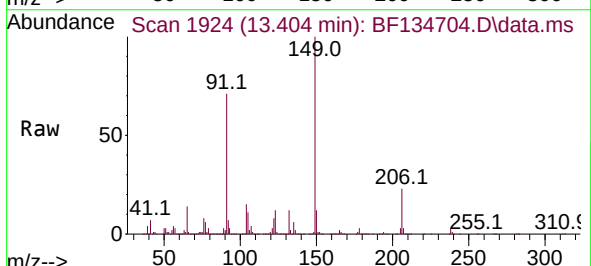
Tgt Ion:149 Resp: 671815

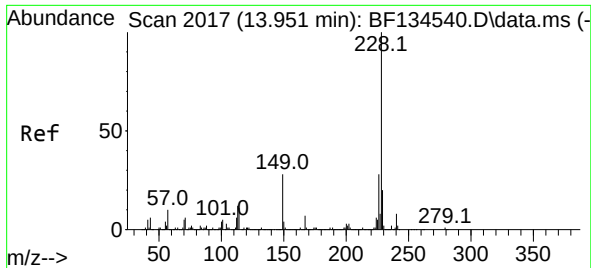
Ion Ratio Lower Upper

149 100

91 71.4 55.8 83.6

206 22.8 14.6 21.8#





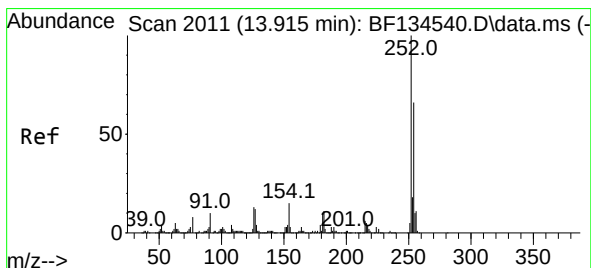
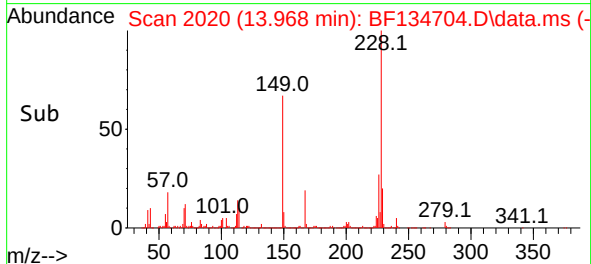
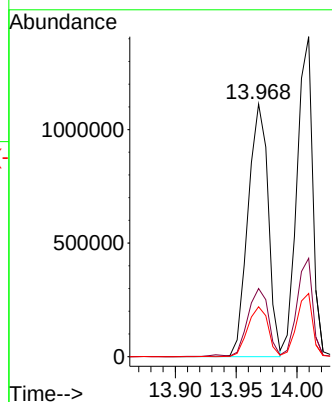
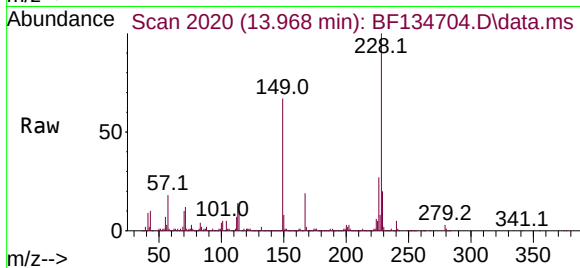
#81
Benzo(a)anthracene
Concen: 40.855 ng
RT: 13.968 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion:228 Resp: 1281962
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.8 15.8 23.6

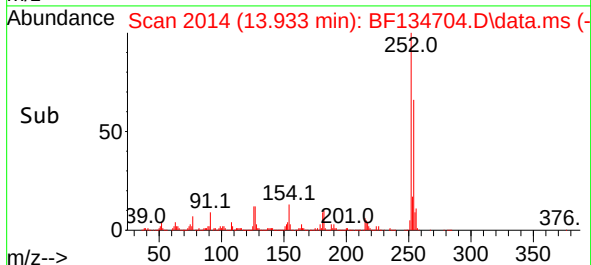
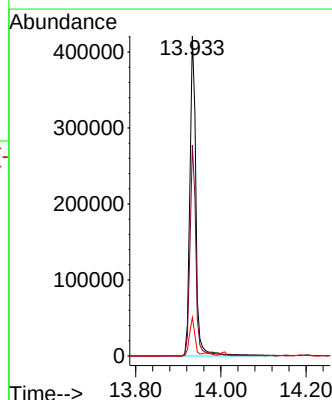
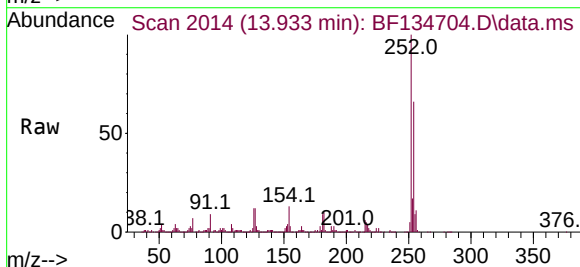
Manual Integrations
APPROVED

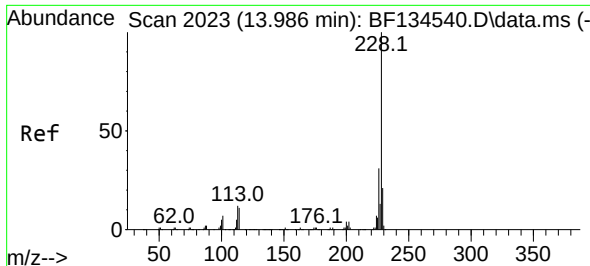
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#82
3,3'-Dichlorobenzidine
Concen: 45.494 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:252 Resp: 413786
Ion Ratio Lower Upper
252 100
254 65.9 52.7 79.1
126 12.0 7.2 10.8





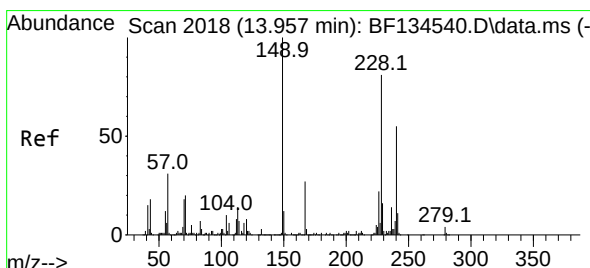
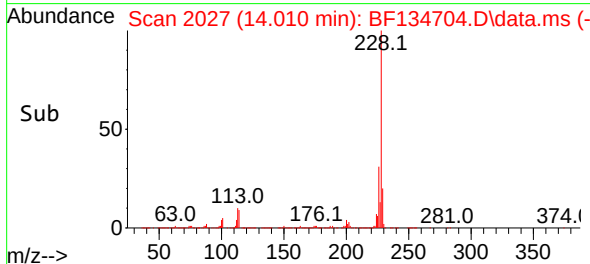
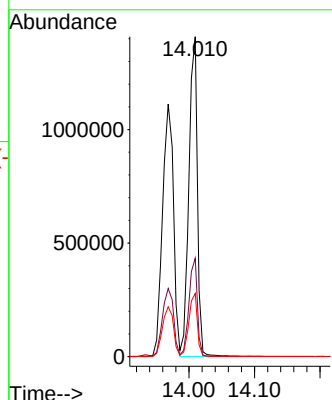
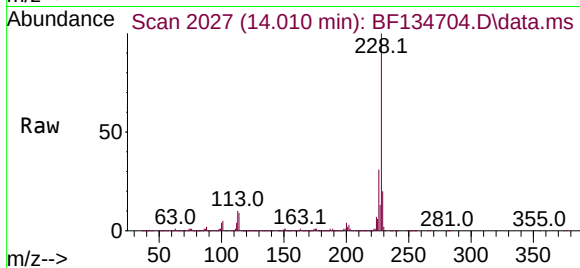
#83
Chrysene
Concen: 41.744 ng
RT: 14.010 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB154698BS

Tgt Ion:228 Resp: 1276123
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 19.7 15.8 23.8

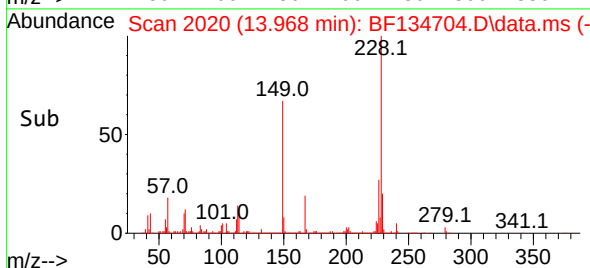
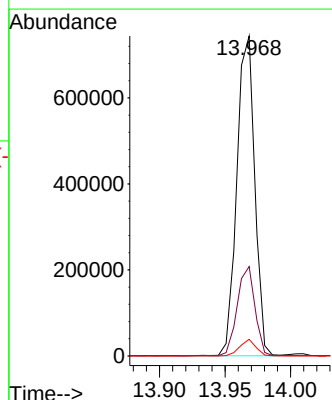
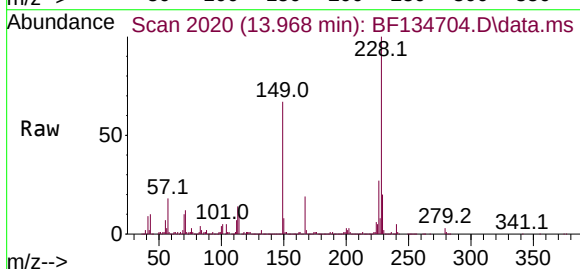
Manual Integrations
APPROVED

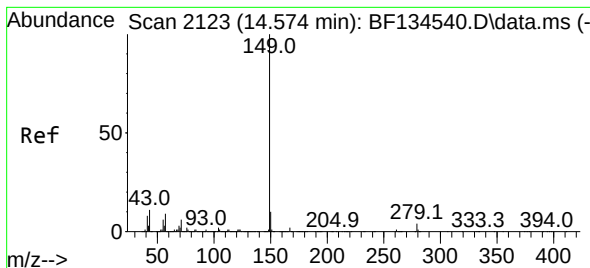
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.781 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:149 Resp: 706875
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.931 ng

RT: 14.580 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion:149 Resp: 1262206

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

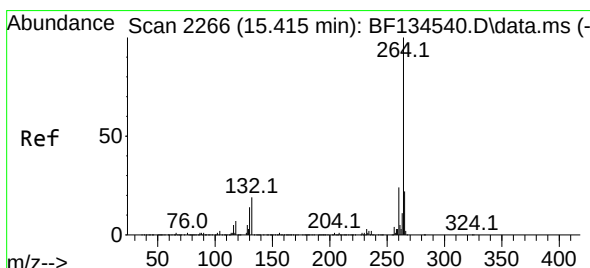
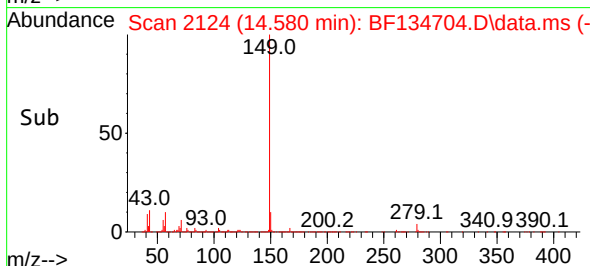
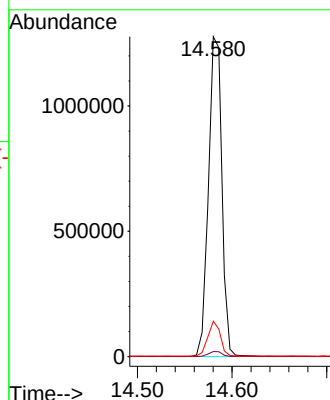
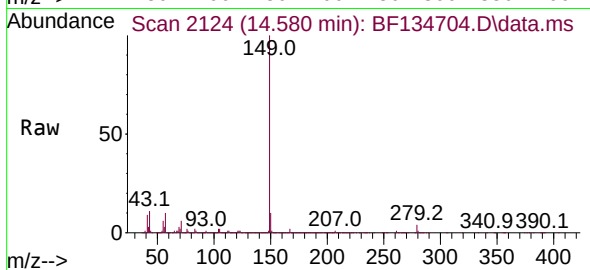
43 10.1 8.1 12.1

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: BF134704.D

Acq: 10 Aug 2023 11:38

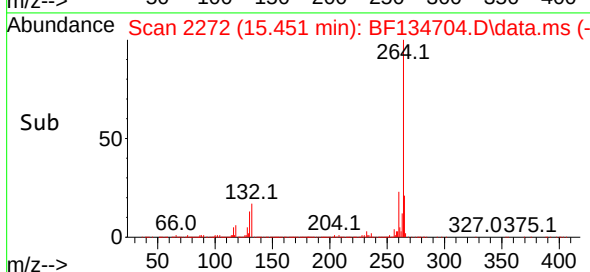
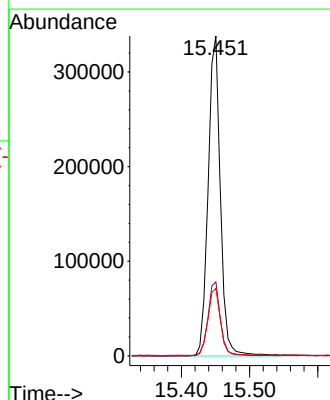
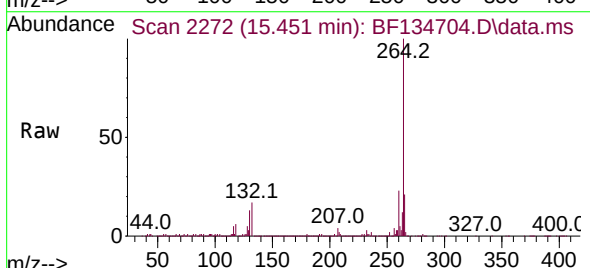
Tgt Ion:264 Resp: 421198

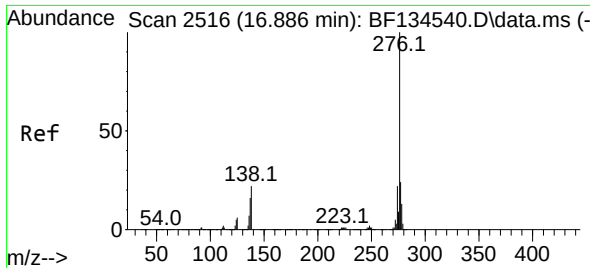
Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.1 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.341 ng
RT: 16.951 min Scan# 2199
Delta R.T. 0.024 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

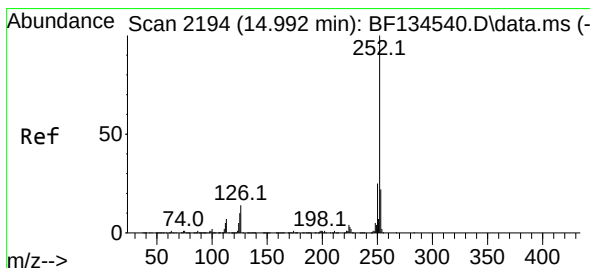
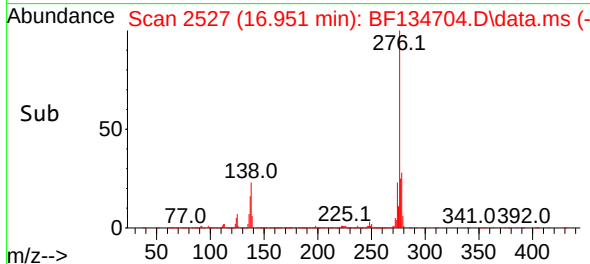
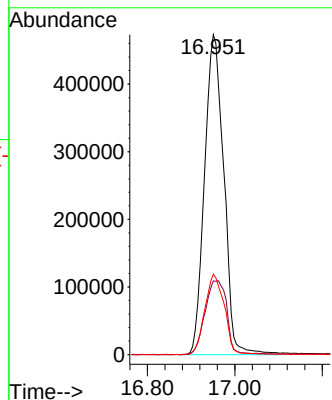
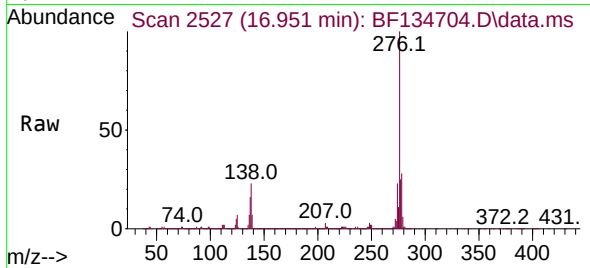
PB154698BS

Tgt Ion:276 Resp: 1445206
Ion Ratio Lower Upper
276 100
138 25.9 14.2 21.4#
277 25.5 19.9 29.9

Manual Integrations

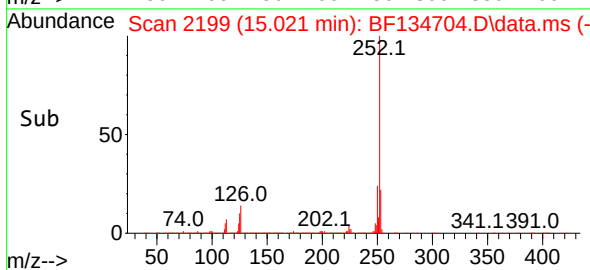
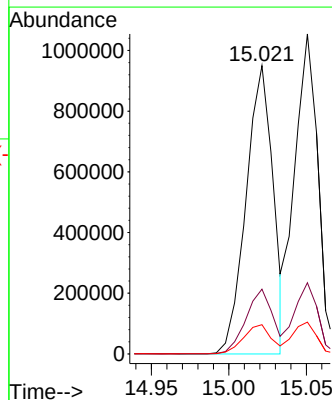
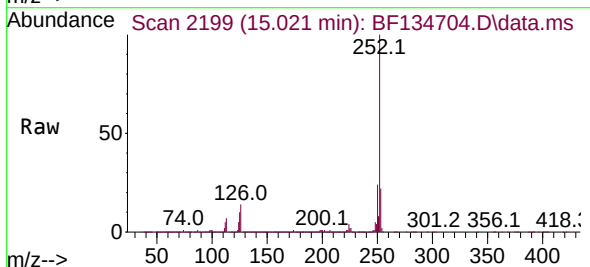
APPROVED

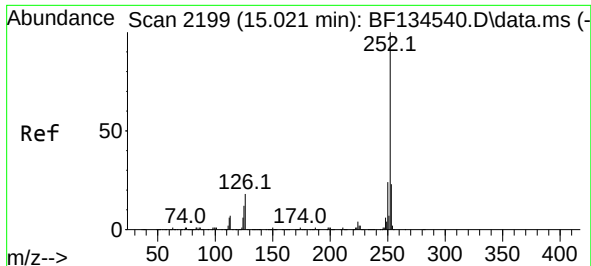
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#88
Benzo(b)fluoranthene
Concen: 45.153 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:252 Resp: 1159917
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.1 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 43.219 ng

RT: 15.051 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB154698BS

Tgt Ion:252 Resp: 1105963

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

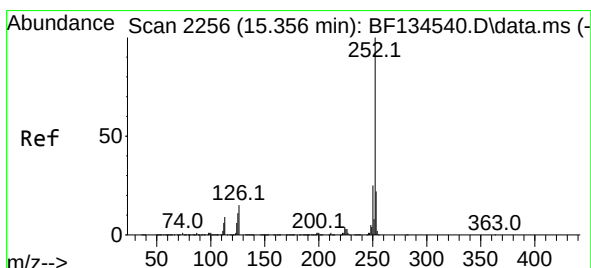
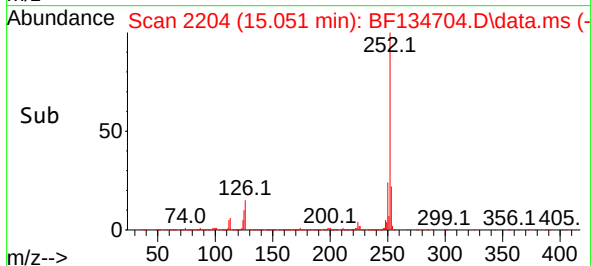
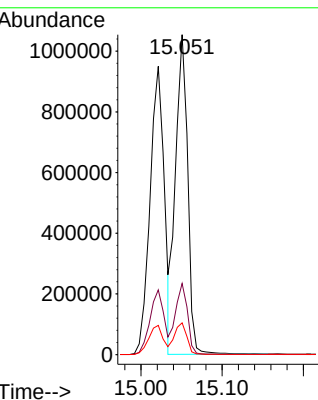
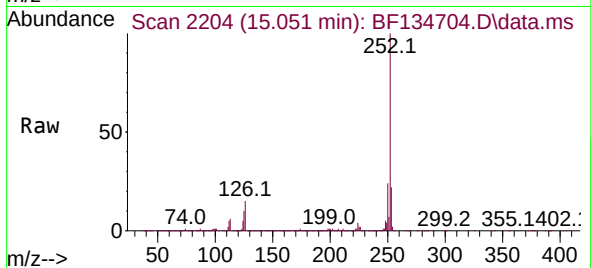
125 9.9 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#90

Benzo(a)pyrene

Concen: 42.865 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF134704.D

Acq: 10 Aug 2023 11:38

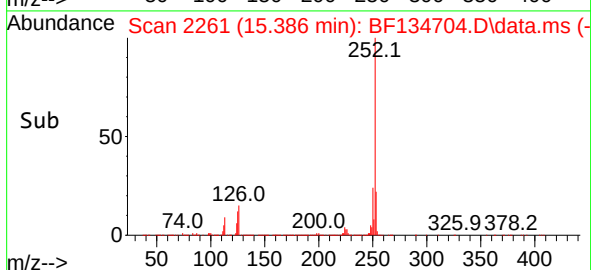
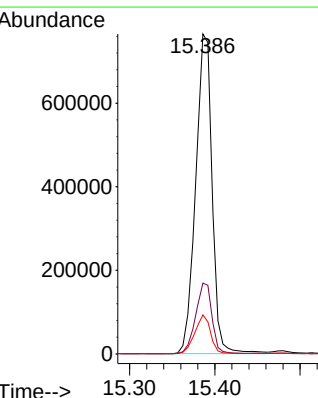
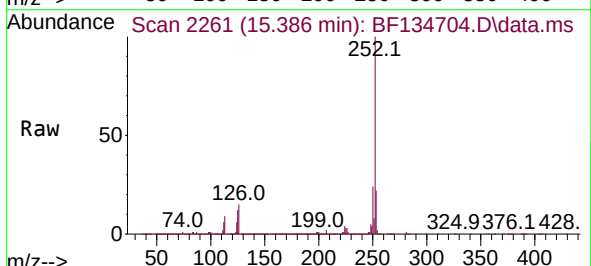
Tgt Ion:252 Resp: 1026672

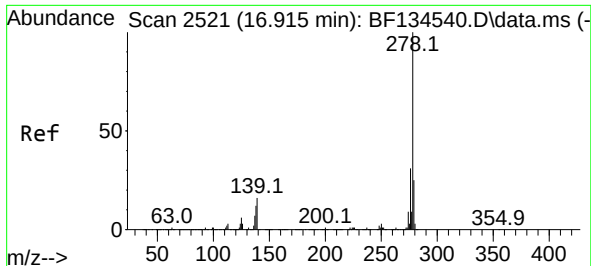
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 12.2 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 59.738 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Instrument :

BNA_F

ClientSampleId :

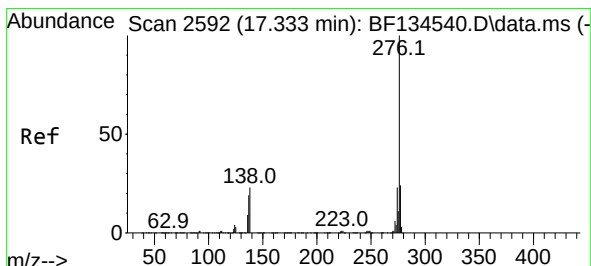
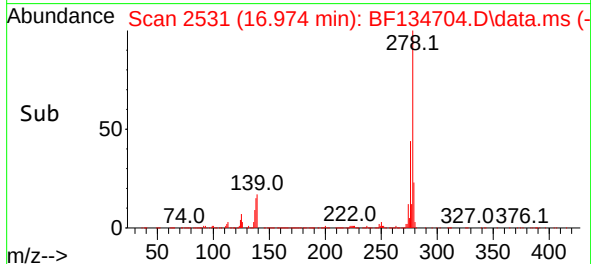
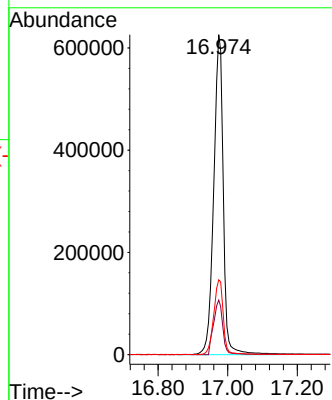
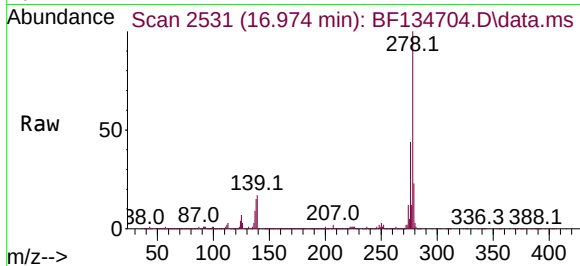
PB154698BS

Tgt Ion:278 Resp: 1195914
Ion Ratio Lower Upper
278 100
139 17.0 10.0 15.0
279 23.4 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: 57.566 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.035 min
Lab File: BF134704.D
Acq: 10 Aug 2023 11:38

Tgt Ion:276 Resp: 1175551
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 22.4 12.2 18.2#

