

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134917.D
 Acq On : 24 Aug 2023 10:59
 Operator : CG\JU
 Sample : PB154990BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154990BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 01:16:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	127363	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	525956	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	271082	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	512886	20.000	ng	0.00
76) Chrysene-d12	13.986	240	241611	20.000	ng	0.00
86) Perylene-d12	15.457	264	256312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1048988	131.339	ng	0.02
7) Phenol-d6	6.445	99	1308687	128.230	ng	0.00
23) Nitrobenzene-d5	7.363	82	835354	87.519	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	424569	132.982	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1525962	87.021	ng	0.00
79) Terphenyl-d14	12.927	244	1651523	94.015	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	128006	36.930	ng	99
3) Pyridine	3.381	79	343719	36.798	ng	96
4) n-Nitrosodimethylamine	3.340	42	192520	46.617	ng	99
6) Aniline	6.463	93	408192	32.361	ng	93
8) 2-Chlorophenol	6.587	128	426599	50.902	ng	98
9) Benzaldehyde	6.351	77	165162	29.507	ng	100
10) Phenol	6.457	94	495950	47.464	ng	96
11) bis(2-Chloroethyl)ether	6.539	93	380209	47.969	ng	100
12) 1,3-Dichlorobenzene	6.739	146	424667	48.584	ng	97
13) 1,4-Dichlorobenzene	6.816	146	435261	49.752	ng	99
14) 1,2-Dichlorobenzene	6.963	146	413597	51.004	ng	99
15) Benzyl Alcohol	6.945	79	361237	50.942	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	548442	47.784	ng	99
17) 2-Methylphenol	7.057	107	333167	45.934	ng	98
18) Hexachloroethane	7.304	117	158661	50.110	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	274090	45.984	ng	99
20) 3+4-Methylphenols	7.210	107	394296	51.624	ng	99
22) Acetophenone	7.210	105	533896	45.927	ng	99
24) Nitrobenzene	7.381	77	430104	44.907	ng	99
25) Isophorone	7.622	82	777957	43.649	ng	100
26) 2-Nitrophenol	7.692	139	227041	47.616	ng	99
27) 2,4-Dimethylphenol	7.734	122	345675	44.448	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	478985	45.091	ng	100
29) 2,4-Dichlorophenol	7.939	162	349606	45.497	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	378406	46.386	ng	100
31) Naphthalene	8.098	128	1182873	45.040	ng	100
32) Benzoic acid	7.869	122	280575	48.886	ng	94
33) 4-Chloroaniline	8.145	127	222637	19.758	ng	98
34) Hexachlorobutadiene	8.216	225	220374	45.421	ng	98
35) Caprolactam	8.528	113	116146m	48.420	ng	
36) 4-Chloro-3-methylphenol	8.639	107	376544	46.436	ng	99
37) 2-Methylnaphthalene	8.792	142	758890	43.330	ng	99
38) 1-Methylnaphthalene	8.892	142	717686	43.823	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	365784	44.282	ng	99
41) Hexachlorocyclopentadiene	8.945	237	376476	102.943	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	254048	46.568	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	270182	42.778	ng	98
46) 1,1'-Biphenyl	9.257	154	959716	44.844	ng	99
47) 2-Chloronaphthalene	9.280	162	737142	46.121	ng	99
48) 2-Nitroaniline	9.380	65	242866	46.226	ng	96
49) Acenaphthylene	9.698	152	1154949	46.924	ng	100
50) Dimethylphthalate	9.569	163	881006	45.658	ng	100
51) 2,6-Dinitrotoluene	9.628	165	200684	47.155	ng	92
52) Acenaphthene	9.875	154	695285	44.840	ng	98
53) 3-Nitroaniline	9.798	138	145028	31.200	ng	99
54) 2,4-Dinitrophenol	9.910	184	210150	104.362	ng	91
55) Dibenzofuran	10.045	168	1020818	45.218	ng	97
56) 4-Nitrophenol	9.975	139	323715	99.931	ng	92
57) 2,4-Dinitrotoluene	10.033	165	260256	49.448	ng	91
58) Fluorene	10.392	166	782357	45.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	239820	48.735	ng	99
60) Diethylphthalate	10.269	149	824002	46.610	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	384638	44.812	ng	98
62) 4-Nitroaniline	10.416	138	205589	47.312	ng	100
63) Azobenzene	10.545	77	798029	45.440	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	145420	48.051	ng	96
66) n-Nitrosodiphenylamine	10.504	169	731034	44.261	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	258018	43.605	ng	94
68) Hexachlorobenzene	10.939	284	293187	46.589	ng	98
69) Atrazine	11.039	200	247076	55.090	ng	100
70) Pentachlorophenol	11.139	266	283460	74.846	ng	96
71) Phenanthrene	11.357	178	1206960	44.908	ng	99
72) Anthracene	11.410	178	1234031	44.813	ng	100
73) Carbazole	11.569	167	1073800	47.322	ng	100
74) Di-n-butylphthalate	11.898	149	1230162	47.269	ng	100
75) Fluoranthene	12.551	202	1209557	47.498	ng	100
77) Benzidine	12.674	184	259897	66.299	ng	99
78) Pyrene	12.780	202	1196981	46.726	ng	100
80) Butylbenzylphthalate	13.404	149	409130	52.420	ng	95
81) Benzo(a)anthracene	13.974	228	775191	47.025	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	192518	36.899	ng	99
83) Chrysene	14.015	228	748858	46.042	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	427900	50.612	ng	# 98
85) Di-n-octyl phthalate	14.592	149	659865	47.863	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	880419	48.055	ng	99
88) Benzo(b)fluoranthene	15.033	252	754972	52.208	ng	98
89) Benzo(k)fluoranthene	15.062	252	680684	47.934	ng	97
90) Benzo(a)pyrene	15.398	252	675073	46.763	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	711339	47.986	ng	99
92) Benzo(g,h,i)perylene	17.421	276	691992	45.601	ng	100

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

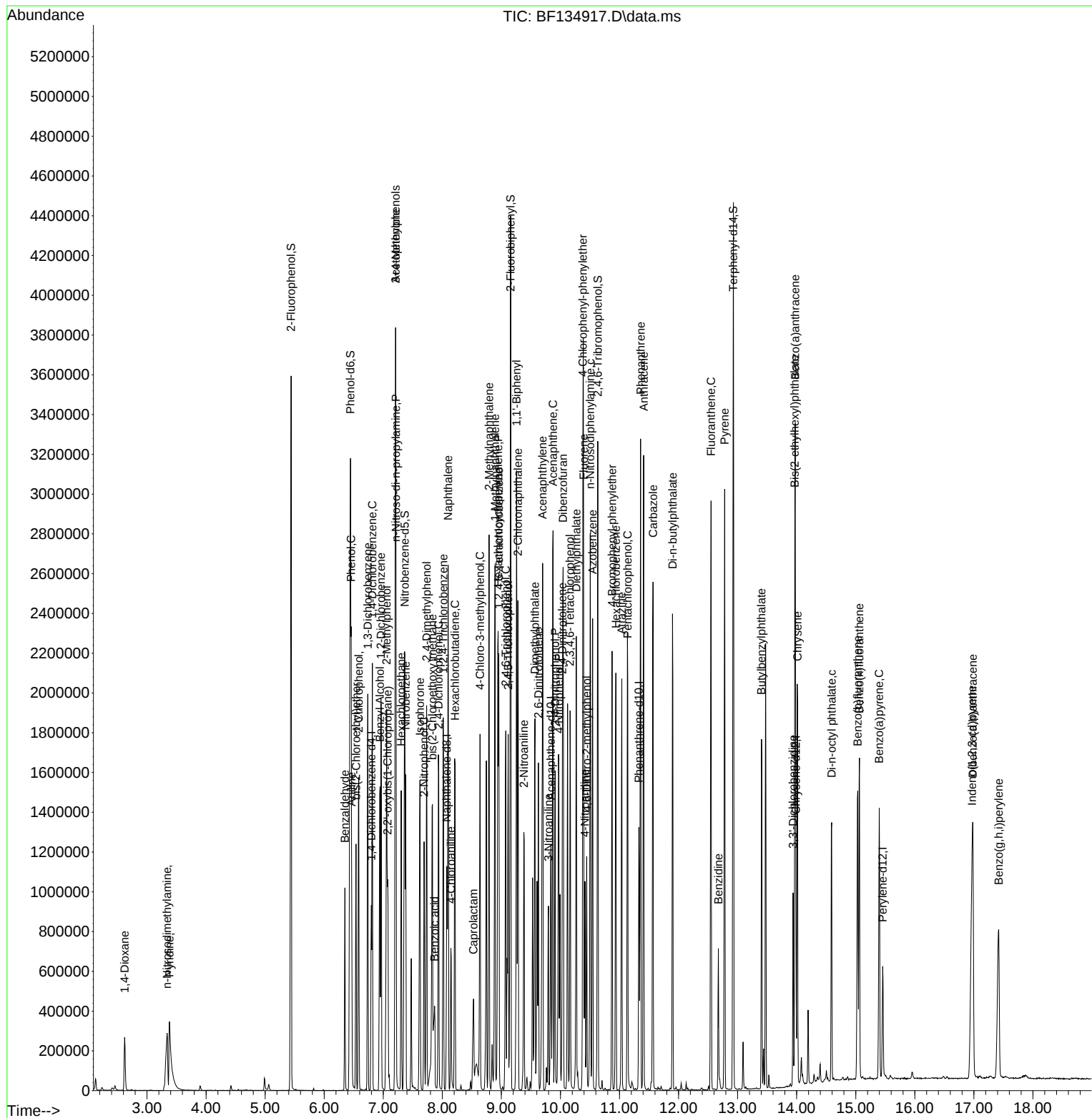
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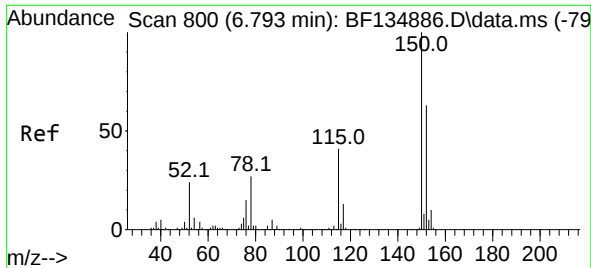
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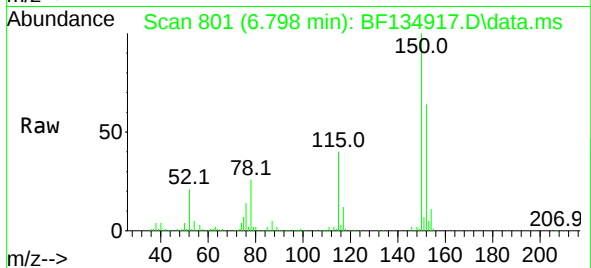
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF134917.D
 Acq: 24 Aug 2023 10:59

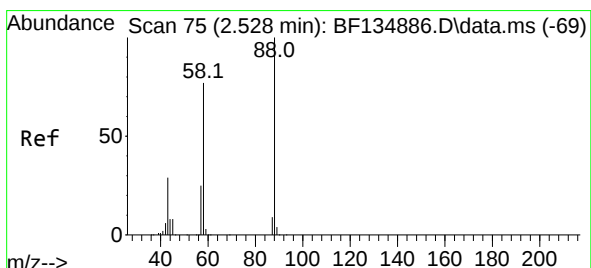
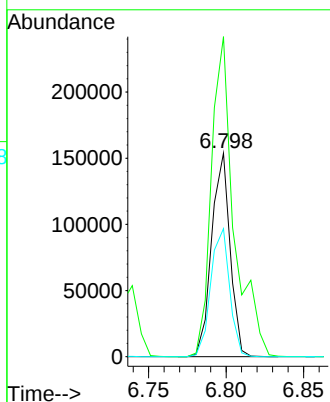
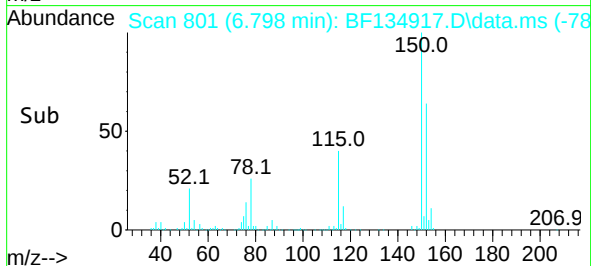
Instrument :
 BNA_F
 ClientSampleId :
 PB154990BS



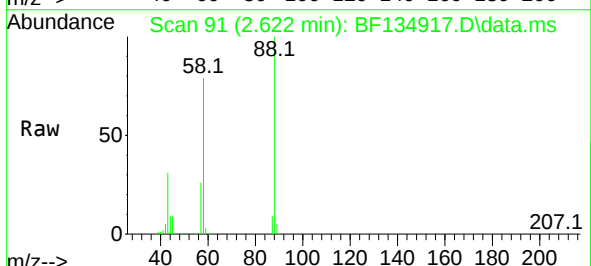
Tgt Ion:152 Resp: 12736
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.1 189.1
 115 62.9 51.1 76.7

Manual Integrations
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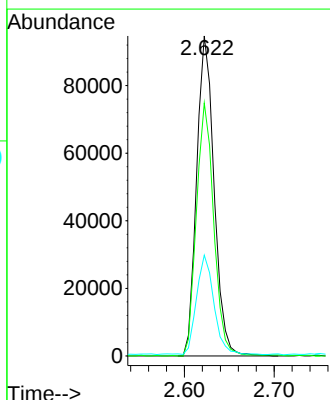
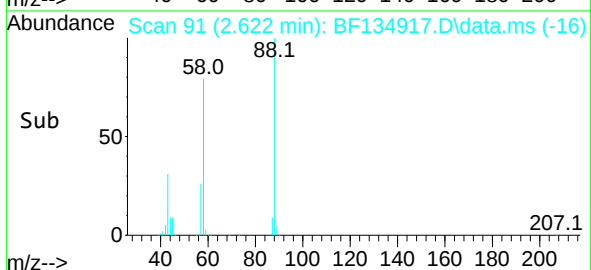
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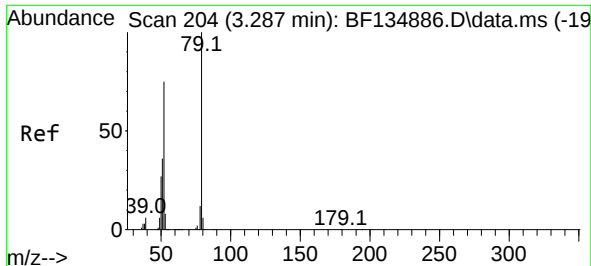


#2
 1,4-Dioxane
 Concen: 36.930 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.094 min
 Lab File: BF134917.D
 Acq: 24 Aug 2023 10:59



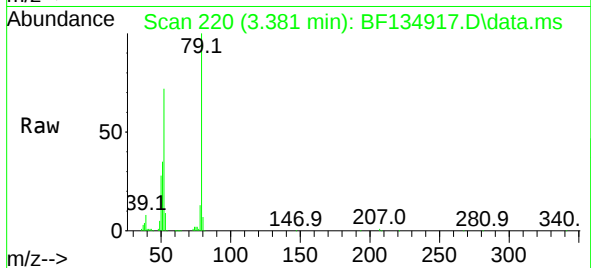
Tgt Ion: 88 Resp: 128006
 Ion Ratio Lower Upper
 88 100
 58 78.6 62.6 93.8
 43 31.0 23.3 34.9





#3
Pyridine
Concen: 36.798 ng
RT: 3.381 min Scan# 213
Delta R.T. 0.094 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

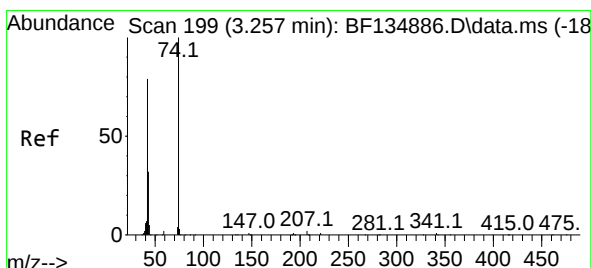
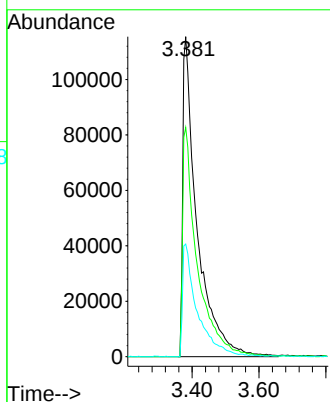
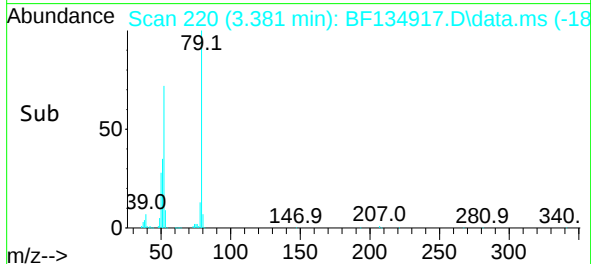
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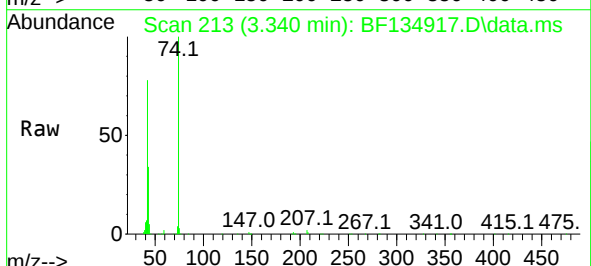
Tgt Ion: 79 Resp: 343719
Ion Ratio Lower Upper
79 100
52 71.6 60.1 90.1
51 35.2 29.4 44.0

Manual Integrations
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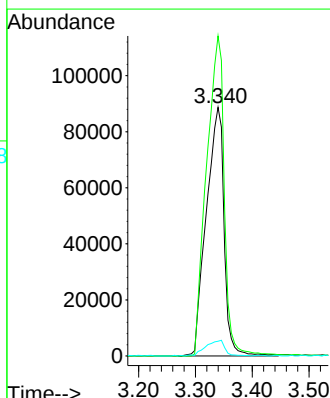
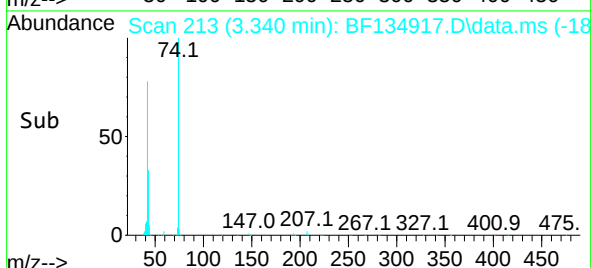
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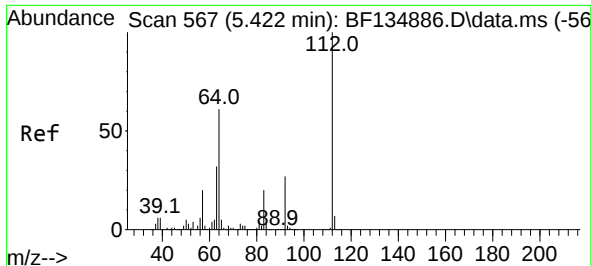


#4
n-Nitrosodimethylamine
Concen: 46.617 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



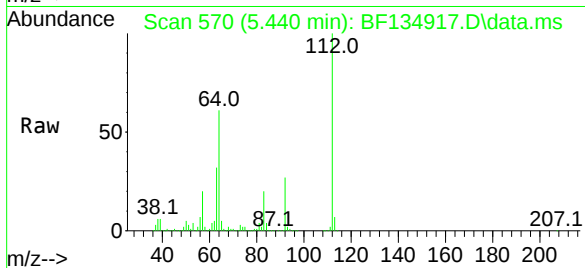
Tgt Ion: 42 Resp: 192520
Ion Ratio Lower Upper
42 100
74 128.7 101.8 152.8
44 5.9 5.4 8.0





#5
2-Fluorophenol
Concen: 131.339 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

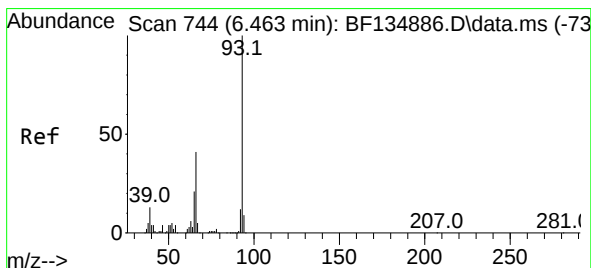
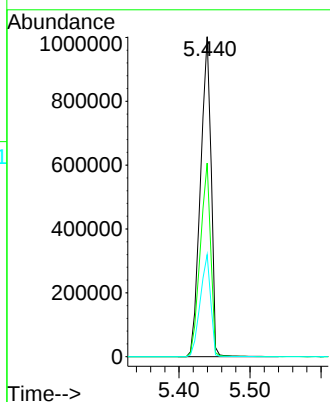
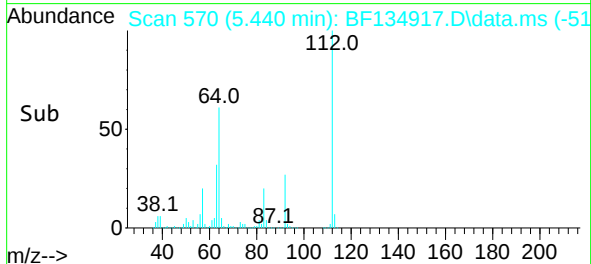
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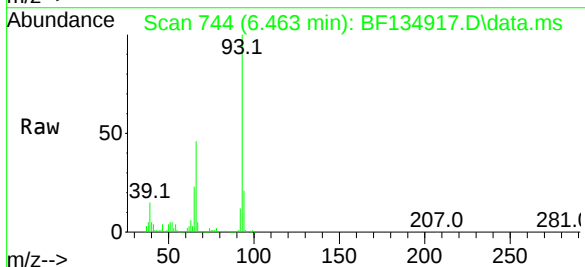
Tgt Ion:112 Resp: 1048988
Ion Ratio Lower Upper
112 100
64 60.5 48.6 73.0
63 31.9 25.7 38.5

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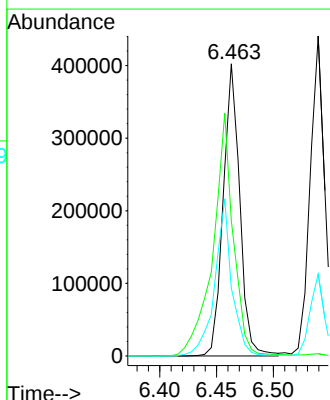
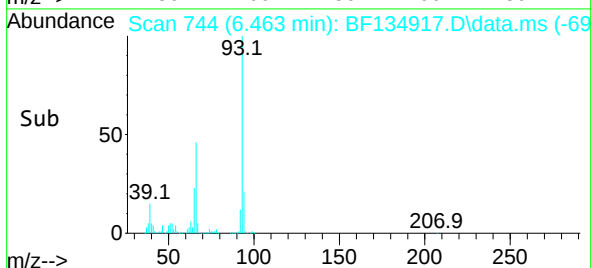
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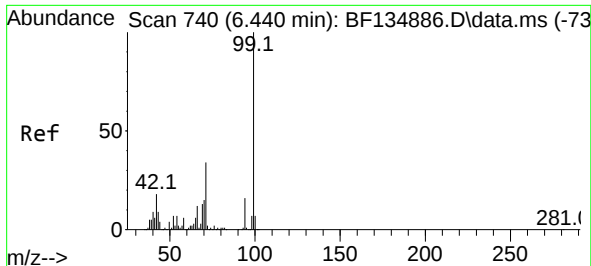


#6
Aniline
Concen: 32.361 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF134917.D
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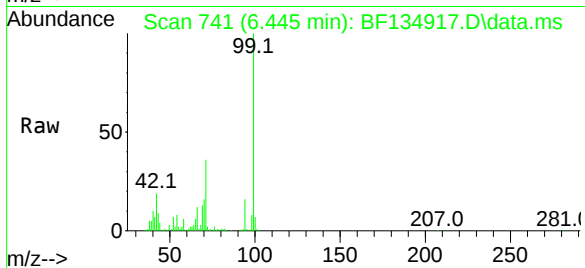
Tgt Ion: 93 Resp: 408192
Ion Ratio Lower Upper
93 100
66 46.3 32.7 49.1
65 23.2 16.7 25.1





#7
Phenol-d6
Concen: 128.230 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

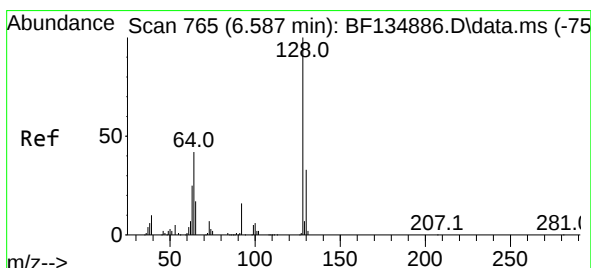
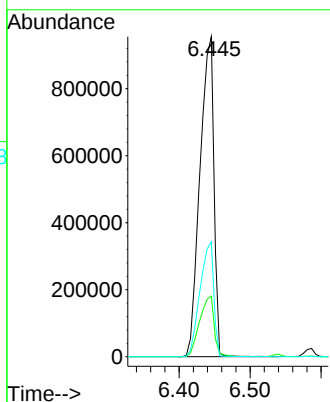
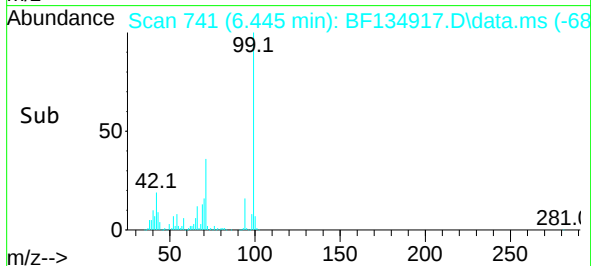
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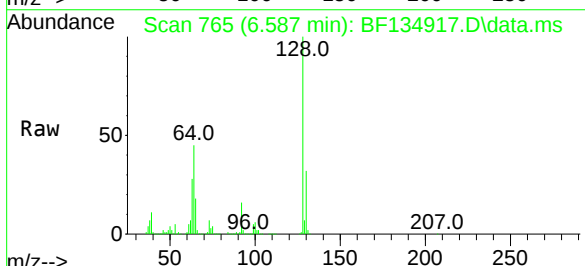
Tgt Ion: 99 Resp: 130868
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 35.9 27.6 41.4

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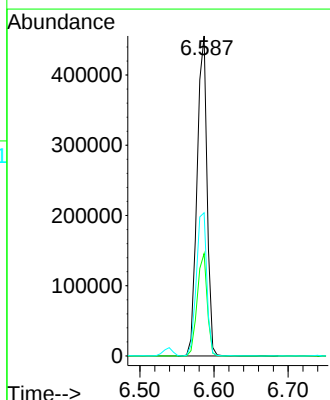
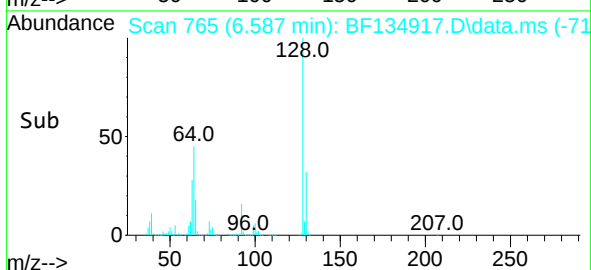
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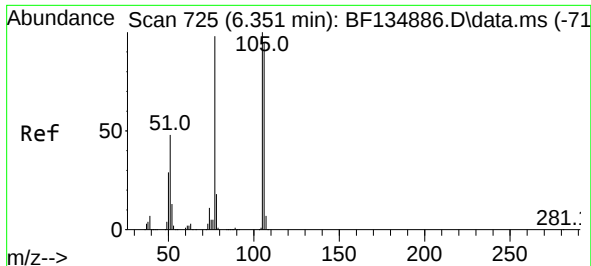


#8
2-Chlorophenol
Concen: 50.902 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF134917.D
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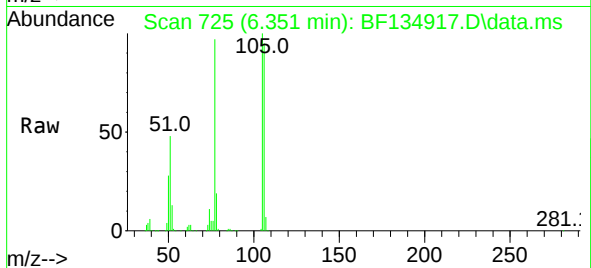
Tgt Ion:128 Resp: 426599
Ion Ratio Lower Upper
128 100
130 32.0 13.0 53.0
64 44.8 23.4 63.4





#9
Benzaldehyde
Concen: 29.507 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134917.D
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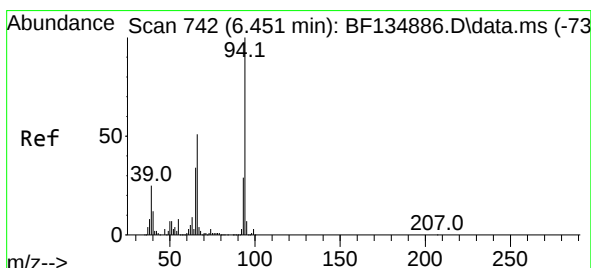
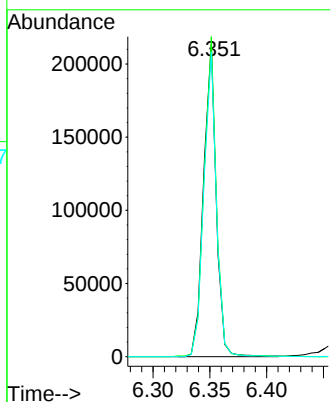
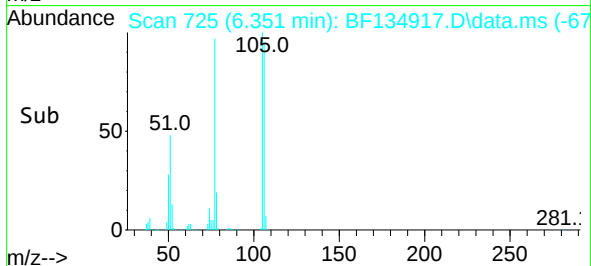
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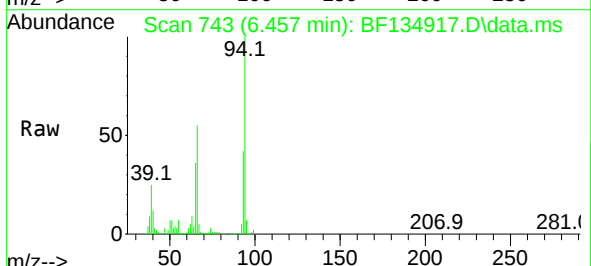
Tgt Ion: 77 Resp: 165162
Ion Ratio Lower Upper
77 100
105 102.6 82.4 122.4
106 97.8 77.2 117.2

Manual Integrations
APPROVED

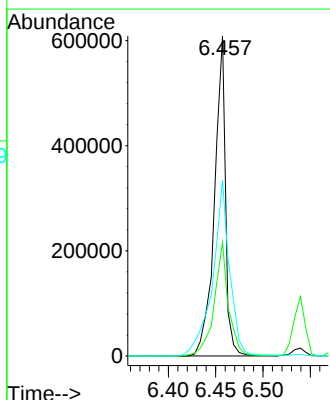
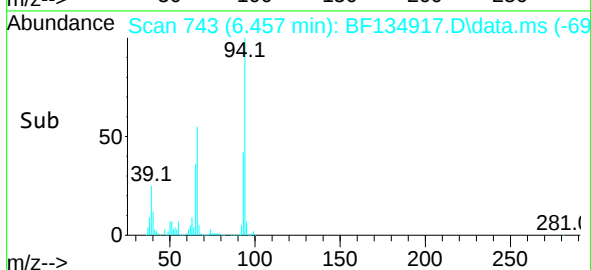
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

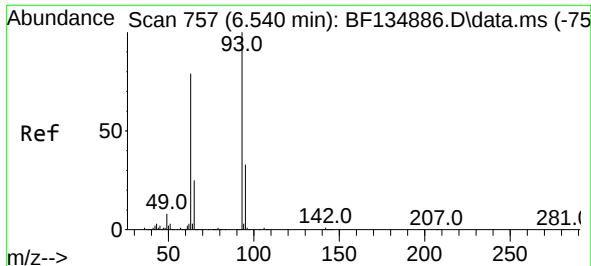


#10
Phenol
Concen: 47.464 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



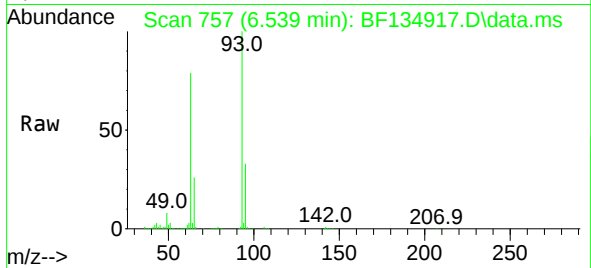
Tgt Ion: 94 Resp: 495950
Ion Ratio Lower Upper
94 100
65 35.5 14.0 54.0
66 55.0 31.1 71.1





#11
bis(2-Chloroethyl)ether
Concen: 47.969 ng
RT: 6.539 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

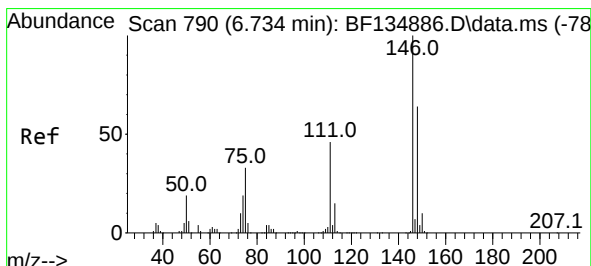
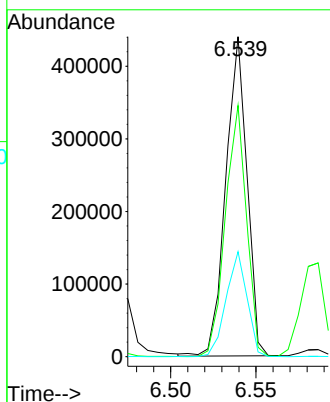
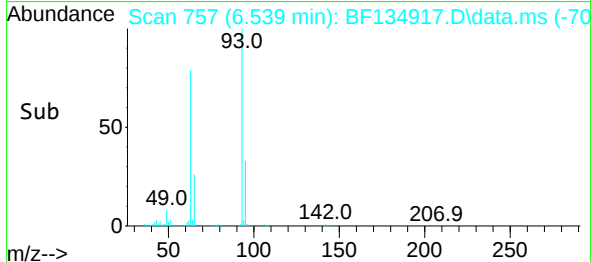
Instrument :
BNA_F
ClientSampleId :
PB154990BS



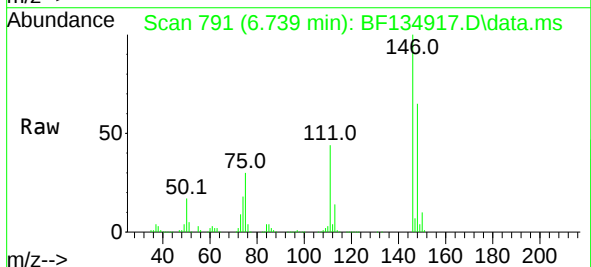
Tgt Ion: 93 Resp: 380209
Ion Ratio Lower Upper
93 100
63 78.5 58.7 98.7
95 32.8 12.4 52.4

Manual Integrations
APPROVED

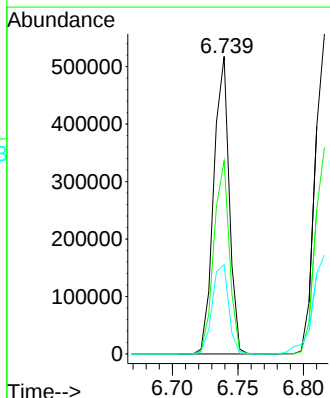
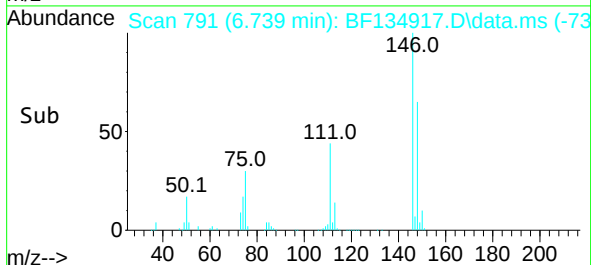
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

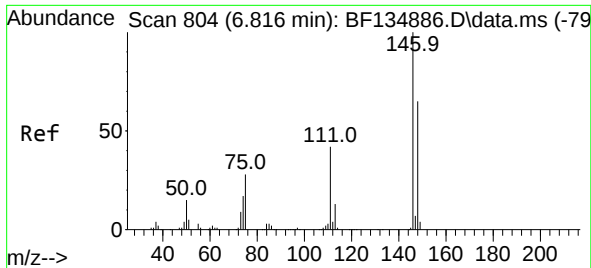


#12
1,3-Dichlorobenzene
Concen: 48.584 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:146 Resp: 424667
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
75 30.0 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 49.752 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

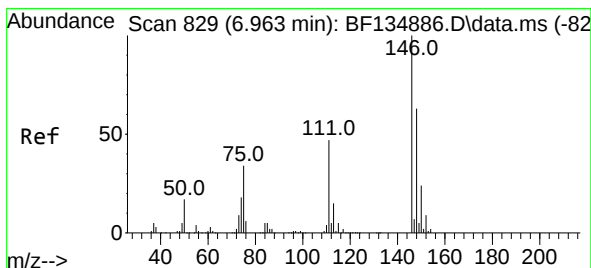
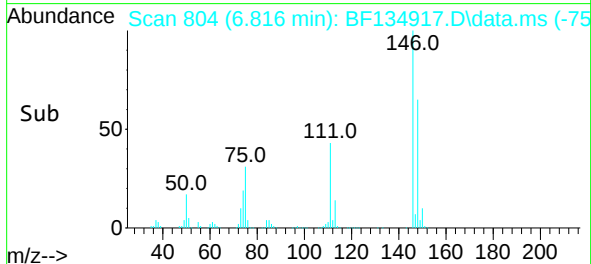
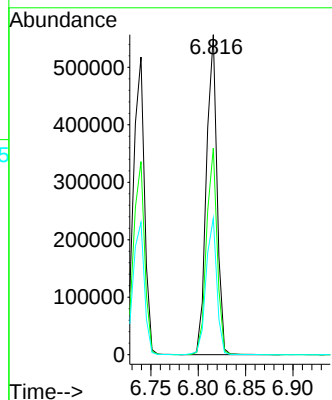
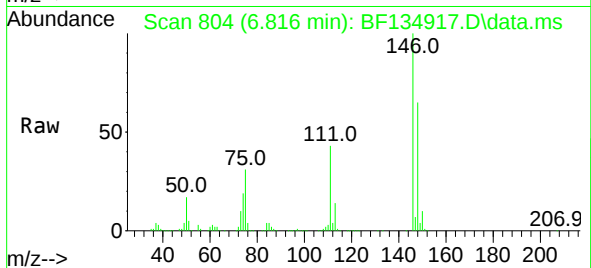
ClientSampleId :

PB154990BS

Tgt Ion:146 Resp: 43526
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
111 42.6 33.4 50.0

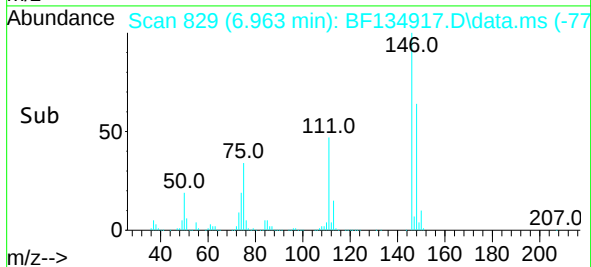
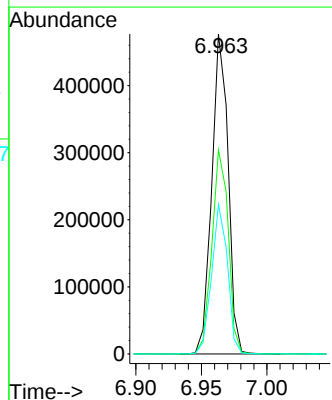
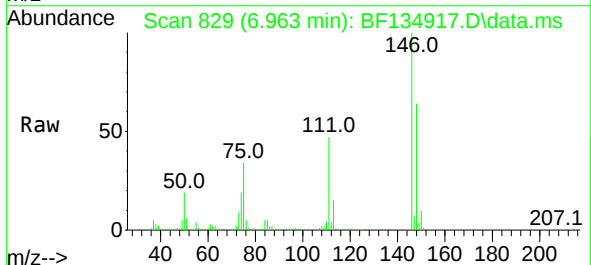
Manual Integrations
APPROVED

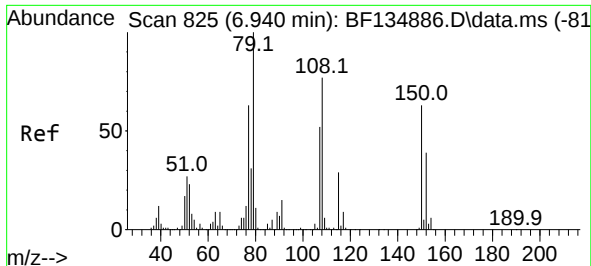
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#14
1,2-Dichlorobenzene
Concen: 51.004 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:146 Resp: 413597
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 46.7 37.5 56.3





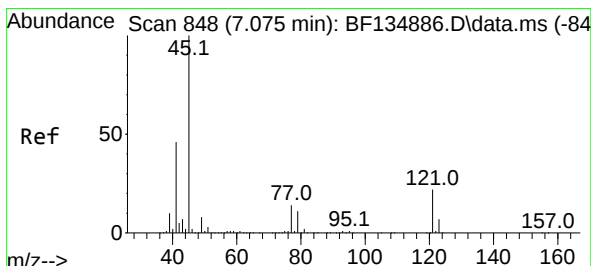
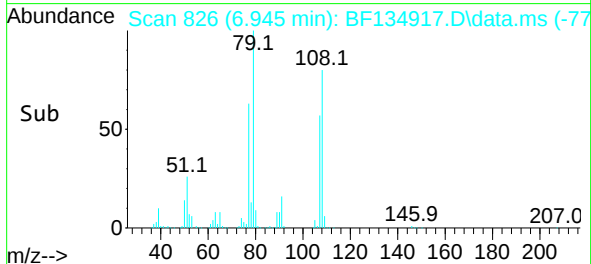
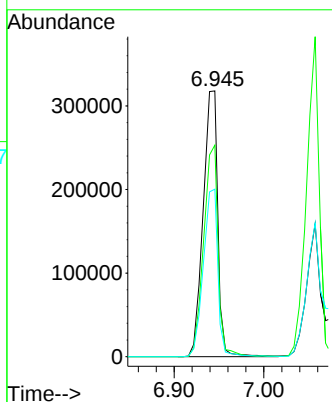
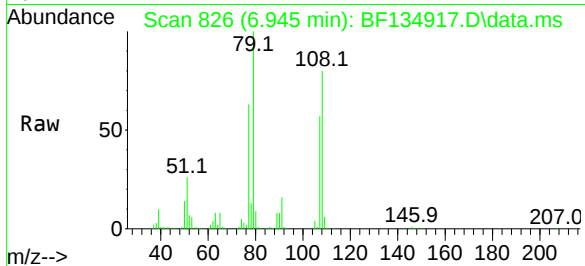
#15
Benzyl Alcohol
Concen: 50.942 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.005 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :
BNA_F
ClientSampleId :
PB154990BS

Tgt Ion: 79 Resp: 36123
Ion Ratio Lower Upper
79 100
108 79.6 61.4 92.2
77 63.0 50.1 75.1

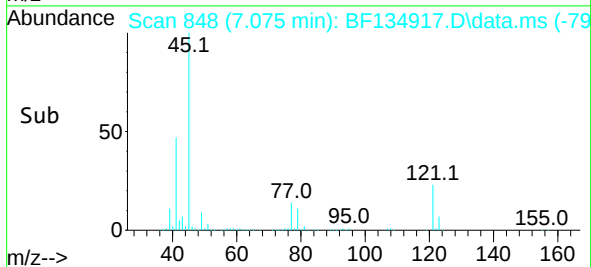
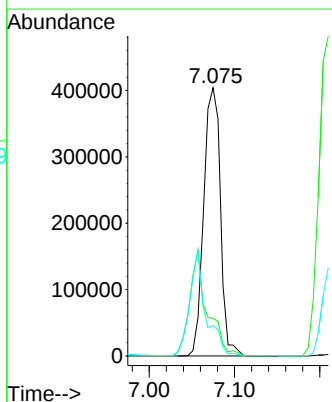
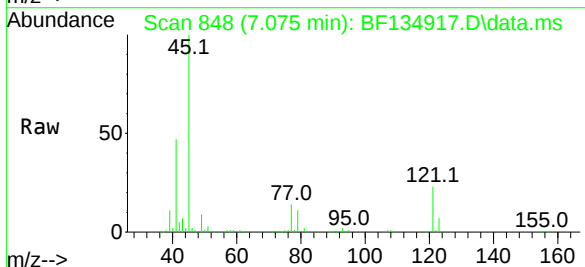
Manual Integrations
APPROVED

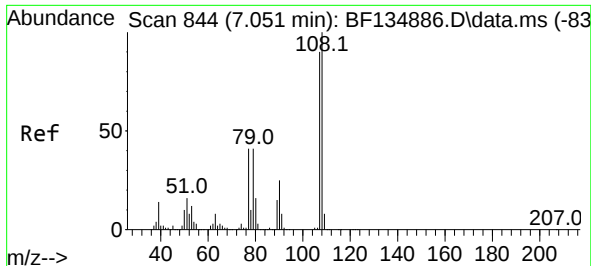
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.784 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

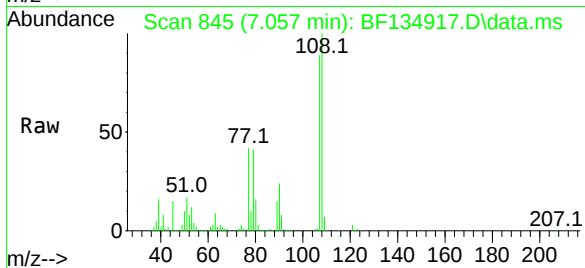
Tgt Ion: 45 Resp: 548442
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.9
79 11.3 0.0 31.1





#17
2-Methylphenol
Concen: 45.934 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

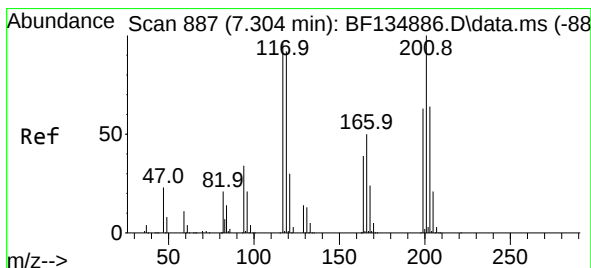
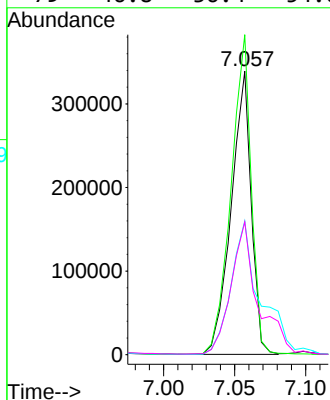
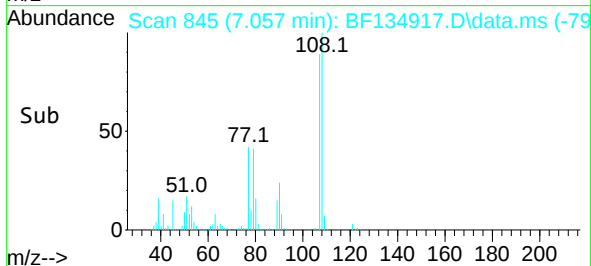
Instrument :
BNA_F
ClientSampleId :
PB154990BS



Tgt Ion:107 Resp: 33316
Ion Ratio Lower Upper
107 100
108 112.9 89.0 133.6
77 47.1 36.5 54.7
79 46.8 36.4 54.6

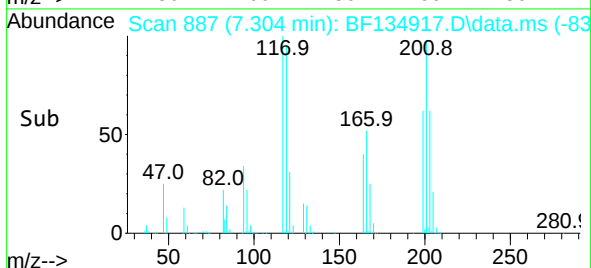
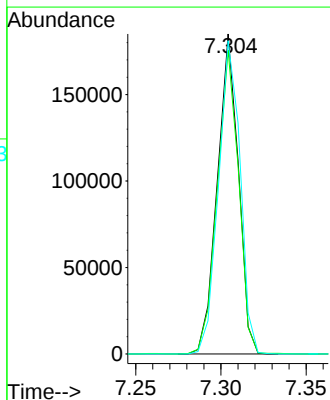
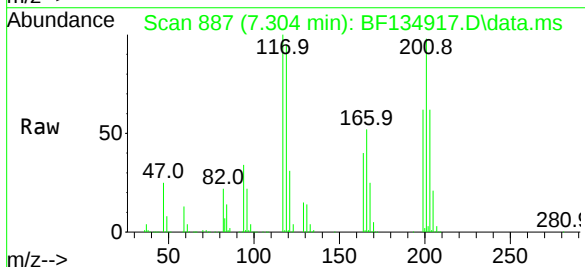
Manual Integrations
APPROVED

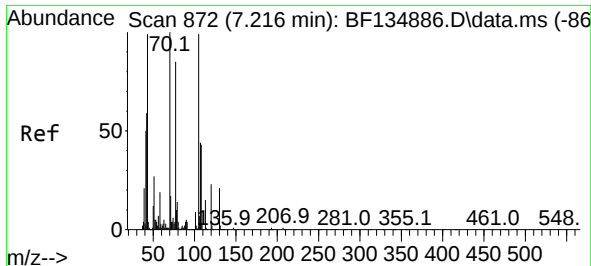
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#18
Hexachloroethane
Concen: 50.110 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

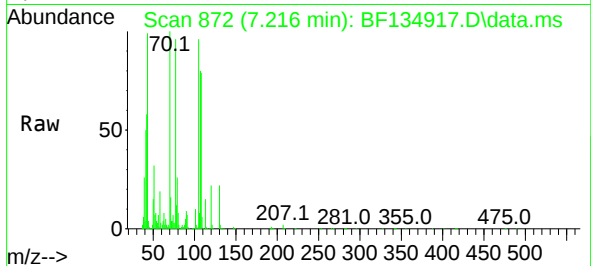
Tgt Ion:117 Resp: 158661
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
201 97.9 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.984 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

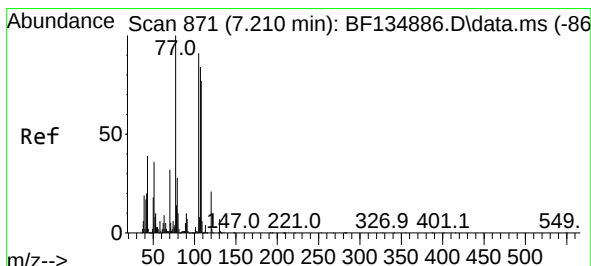
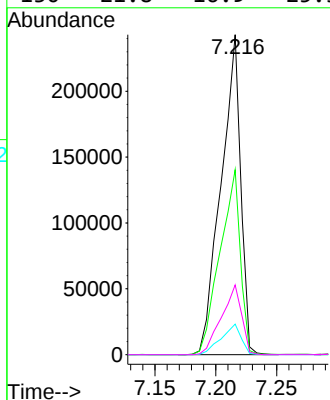
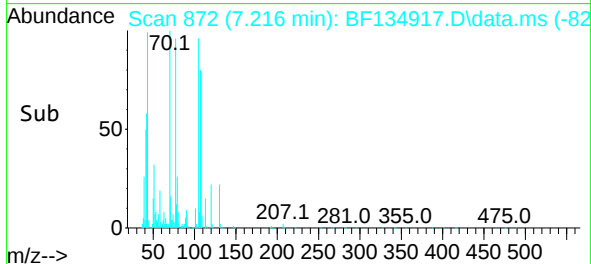
Instrument :
BNA_F
ClientSampleId :
PB154990BS



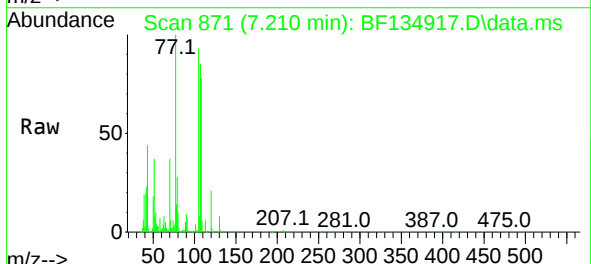
Tgt Ion: 70 Resp: 274090
Ion Ratio Lower Upper
70 100
42 57.8 46.9 70.3
101 9.5 7.5 11.3
130 21.8 16.9 25.3

Manual Integrations
APPROVED

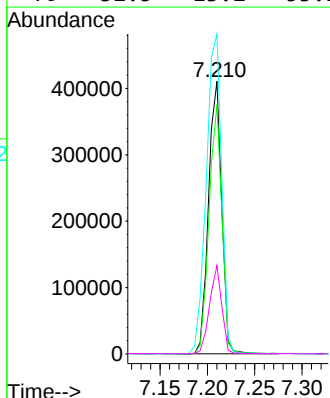
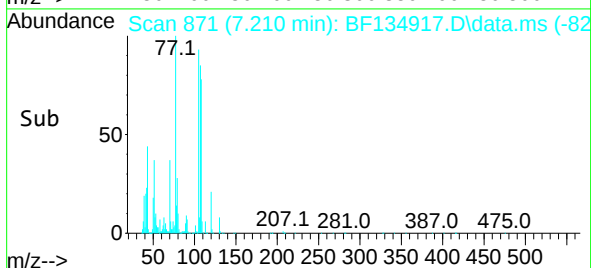
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

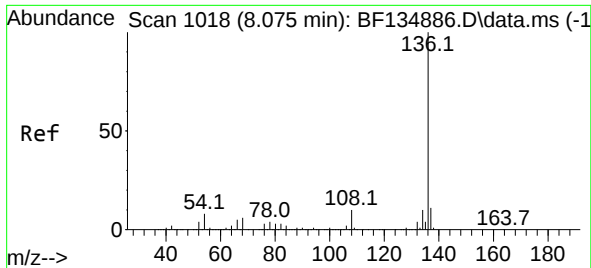


#20
3+4-Methylphenols
Concen: 51.624 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:107 Resp: 394296
Ion Ratio Lower Upper
107 100
108 91.4 71.7 111.7
77 117.4 98.4 138.4
79 32.5 13.2 53.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

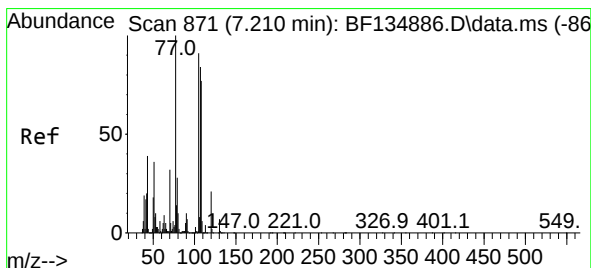
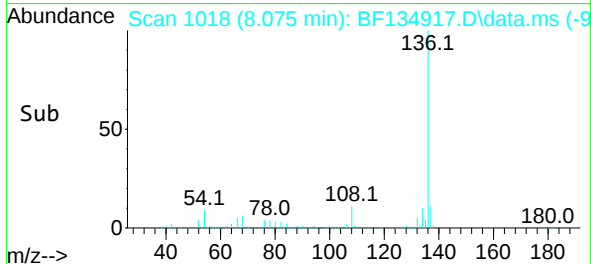
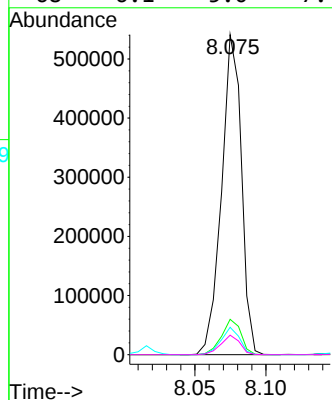
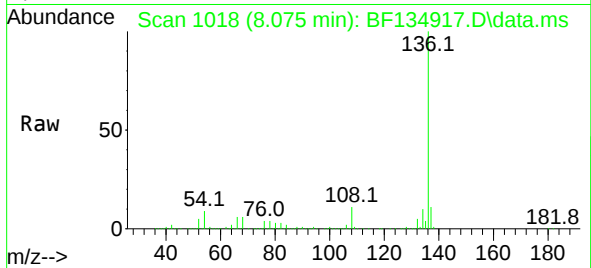
ClientSampleId :

PB154990BS

Tgt Ion:136 Resp: 525950
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.5 6.6 9.8
68 6.1 5.0 7.4

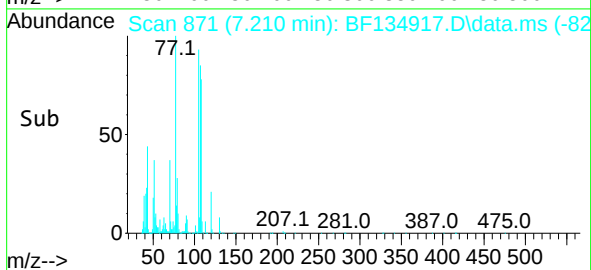
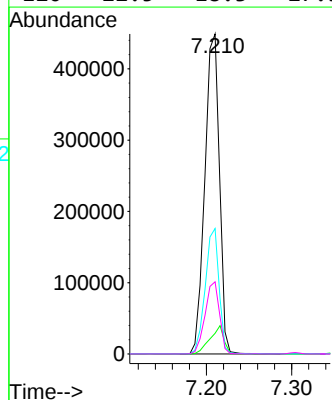
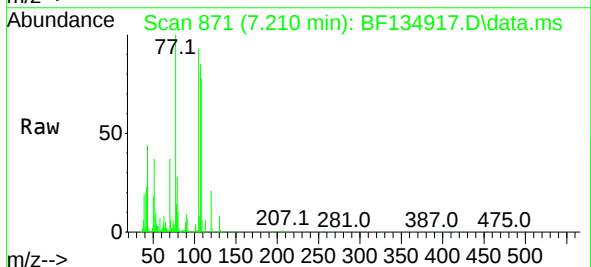
Manual Integrations
APPROVED

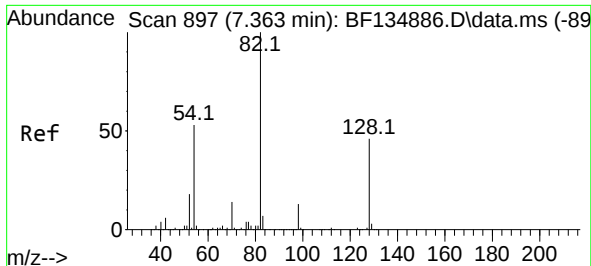
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#22
Acetophenone
Concen: 45.927 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:105 Resp: 533896
Ion Ratio Lower Upper
105 100
71 6.4 4.6 6.8
51 39.2 32.2 48.2
120 22.5 18.3 27.5





#23

Nitrobenzene-d5

Concen: 87.519 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

Tgt Ion: 82 Resp: 835354

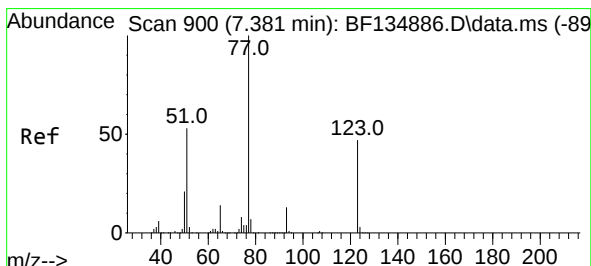
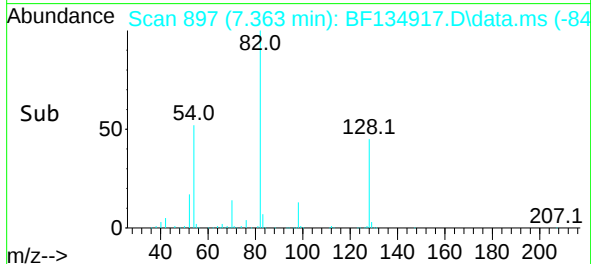
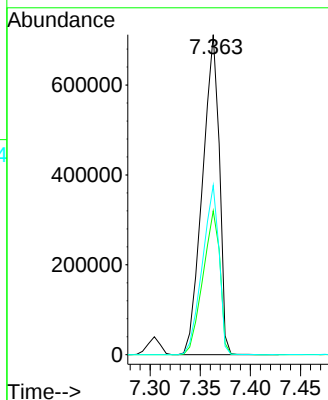
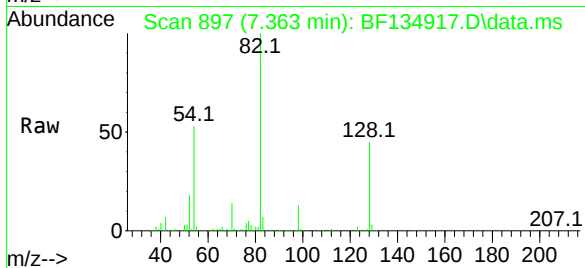
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.6	54.8
54	52.9	42.6	63.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#24

Nitrobenzene

Concen: 44.907 ng

RT: 7.381 min Scan# 900

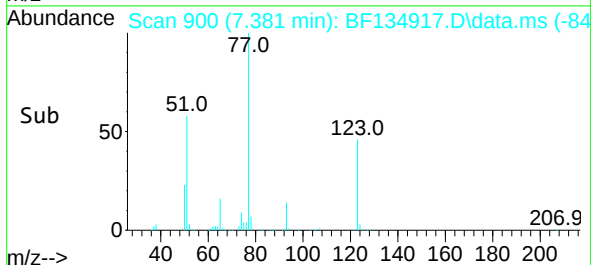
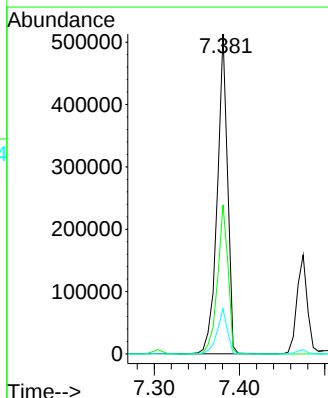
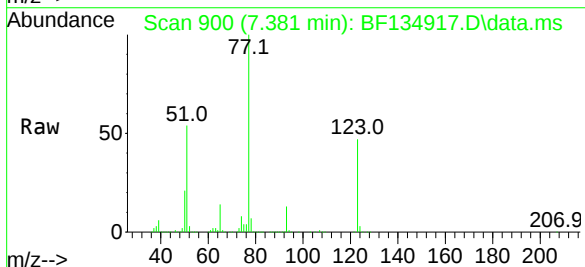
Delta R.T. -0.000 min

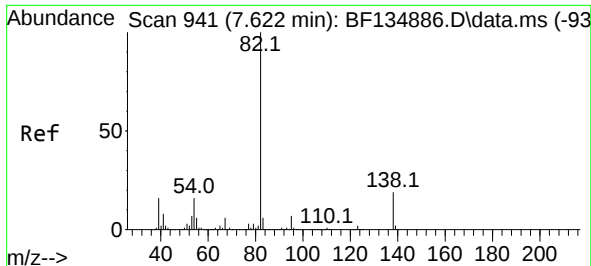
Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

Tgt Ion: 77 Resp: 430104

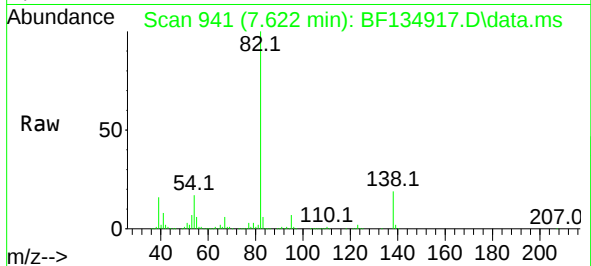
Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.9	56.9
65	14.0	11.1	16.7





#25
Isophorone
Concen: 43.649 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

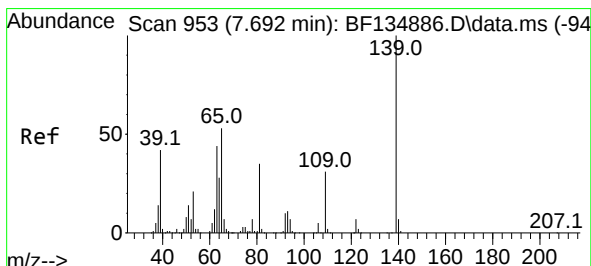
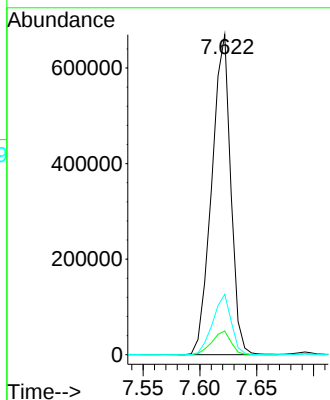
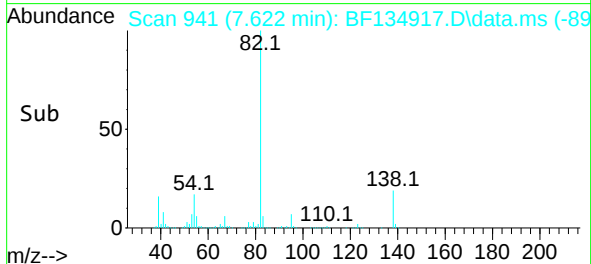
Instrument :
BNA_F
ClientSampleId :
PB154990BS



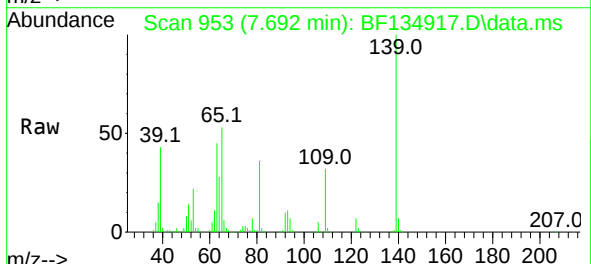
Tgt Ion: 82 Resp: 77795
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.9 14.9 22.3

Manual Integrations
APPROVED

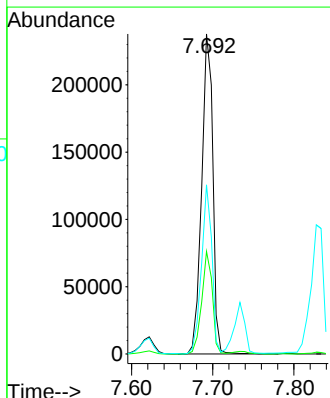
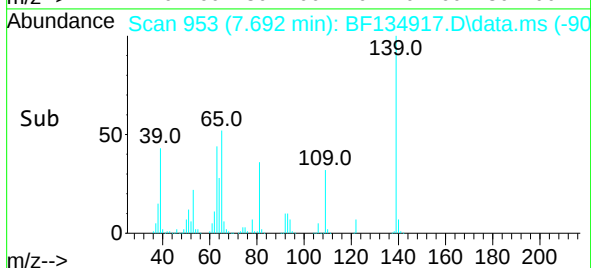
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

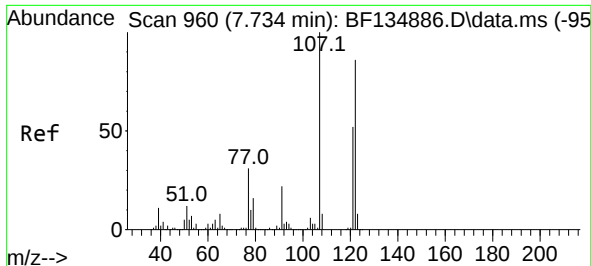


#26
2-Nitrophenol
Concen: 47.616 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:139 Resp: 227041
Ion Ratio Lower Upper
139 100
109 32.0 24.5 36.7
65 52.9 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 44.448 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF134917.D

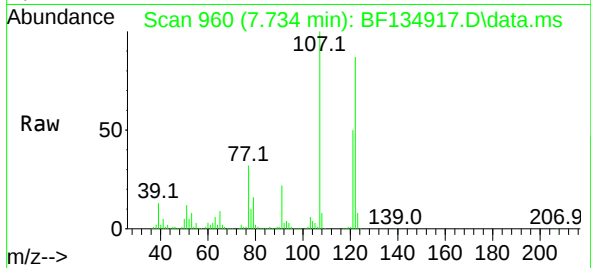
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS



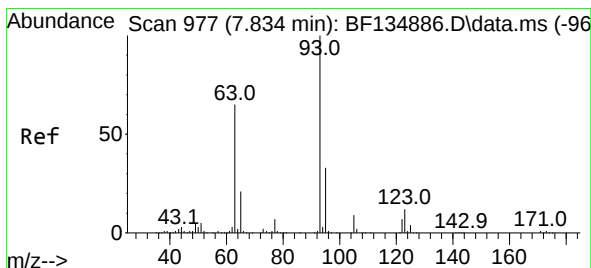
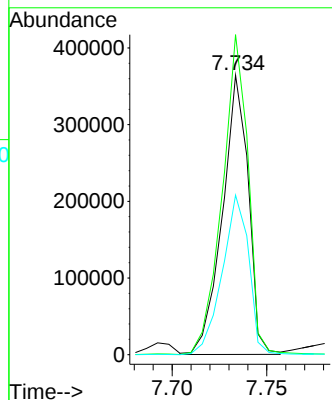
Tgt Ion:	122	Resp:	34567
Ion	Ratio	Lower	Upper
122	100		
107	114.5	92.9	139.3
121	57.1	48.4	72.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.091 ng

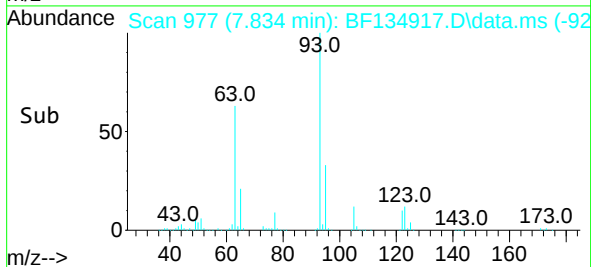
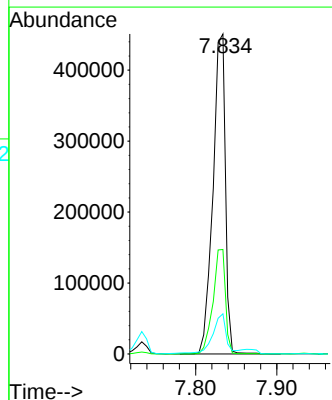
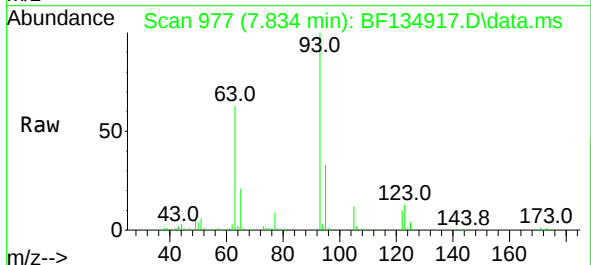
RT: 7.834 min Scan# 977

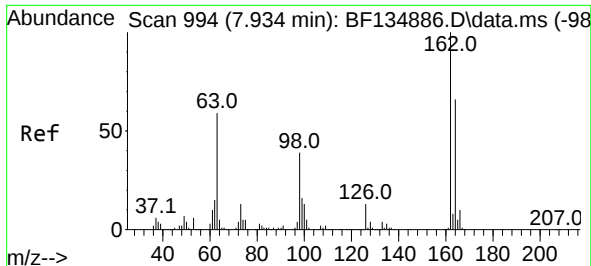
Delta R.T. -0.000 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

Tgt Ion:	93	Resp:	478985
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	12.6	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 45.497 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF134917.D

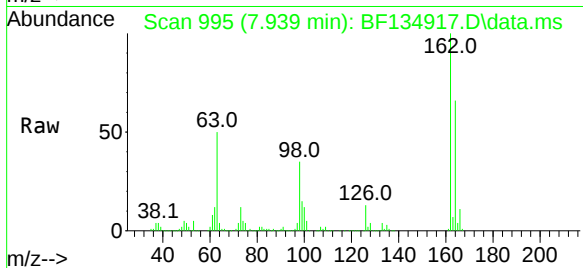
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS



Tgt Ion:162 Resp: 349600

Ion Ratio Lower Upper

162 100

164 65.9 45.6 85.6

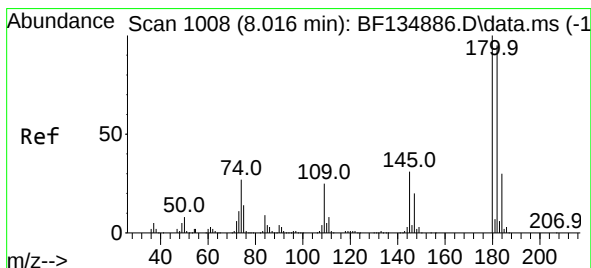
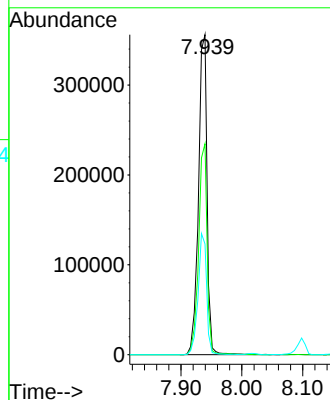
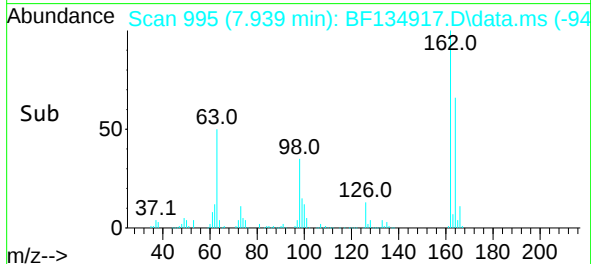
98 34.6 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.386 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

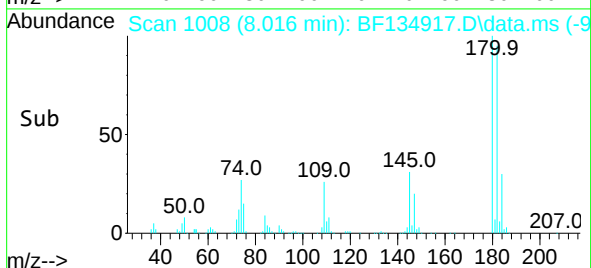
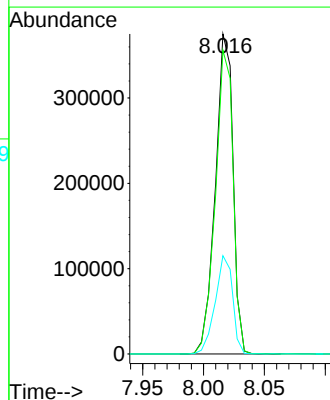
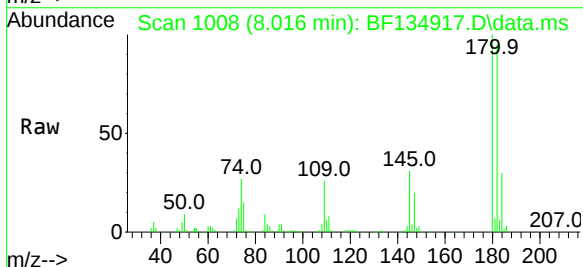
Tgt Ion:180 Resp: 378406

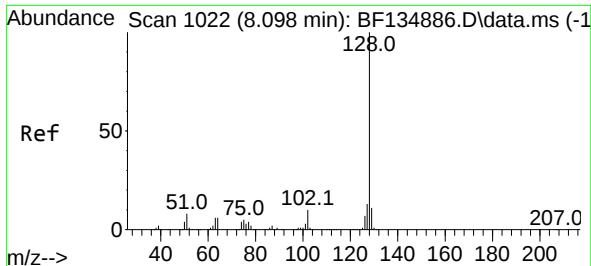
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 30.7 24.6 37.0





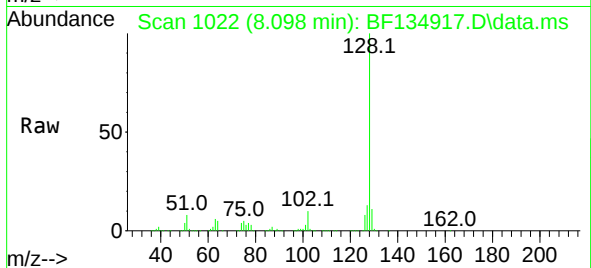
#31
Naphthalene
Concen: 45.040 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS



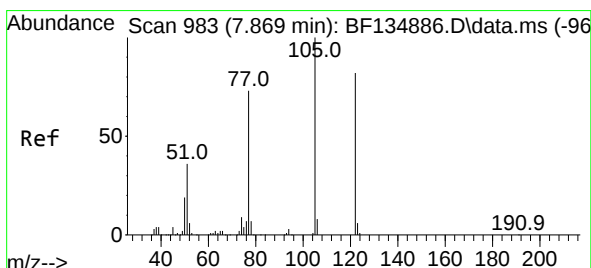
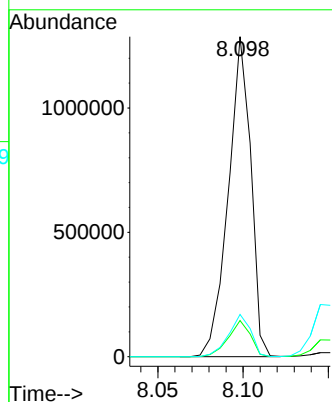
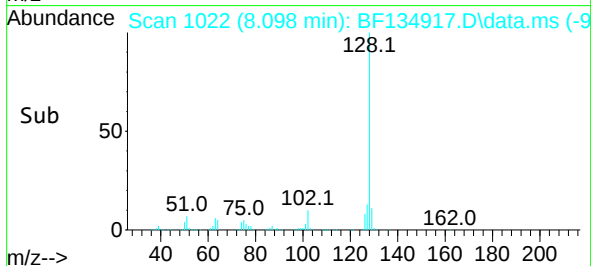
Tgt Ion:128 Resp: 118287
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.6 16.0

Manual Integrations

APPROVED

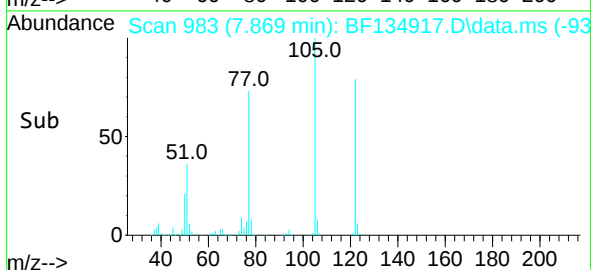
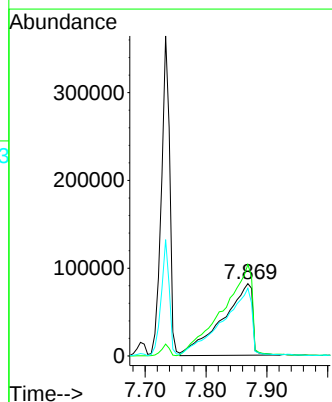
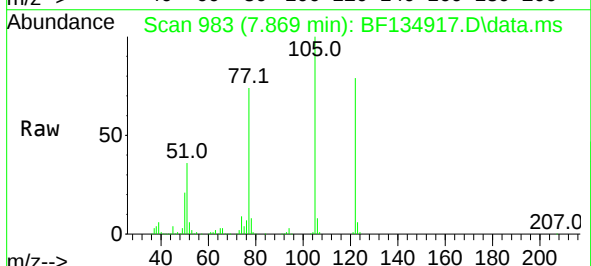
Reviewed By :Yogesh Patel 08/25/2023

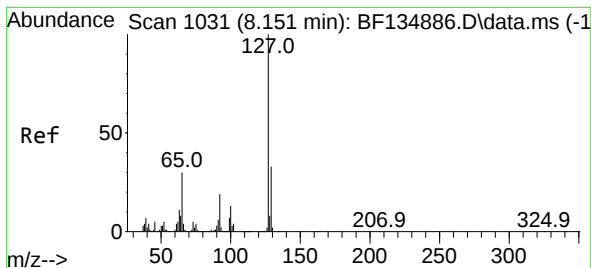
Supervised By :mohammad ahmed 08/25/2023



#32
Benzoic acid
Concen: 48.886 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:122 Resp: 280575
Ion Ratio Lower Upper
122 100
105 126.5 98.6 138.6
77 93.6 68.6 108.6





#33
4-Chloroaniline
Concen: 19.758 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

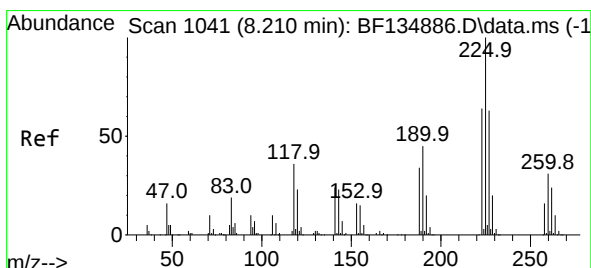
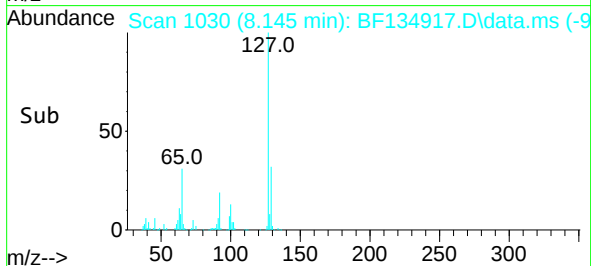
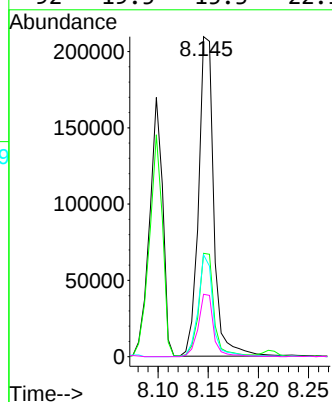
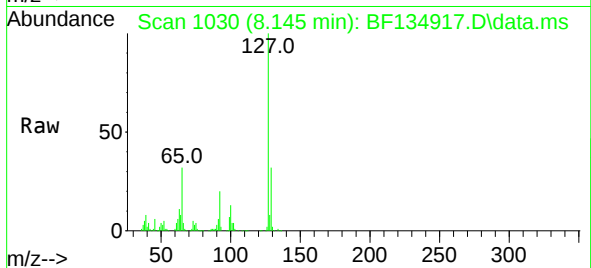
PB154990BS

Tgt Ion:127 Resp: 222637
Ion Ratio Lower Upper
127 100
129 32.3 26.4 39.6
65 31.8 23.8 35.8
92 19.5 15.3 22.9

Manual Integrations

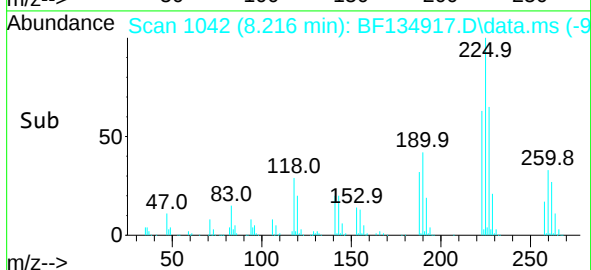
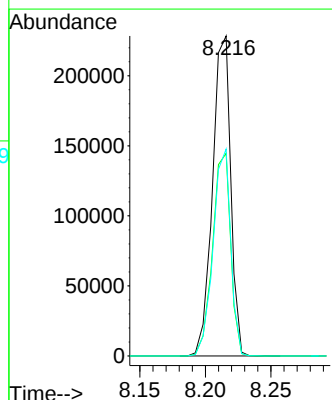
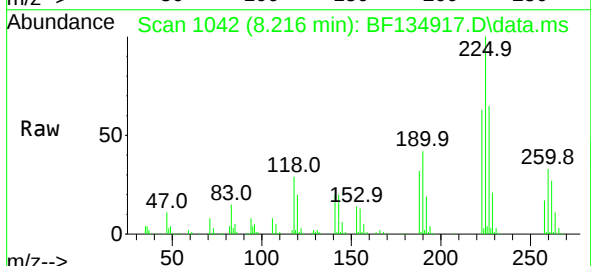
APPROVED

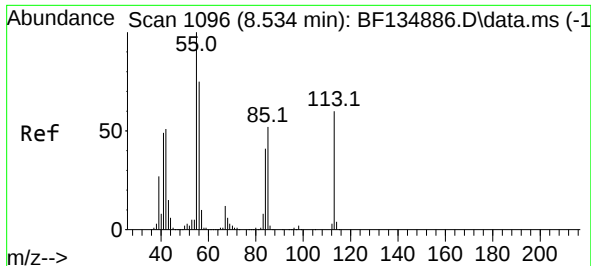
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#34
Hexachlorobutadiene
Concen: 45.421 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

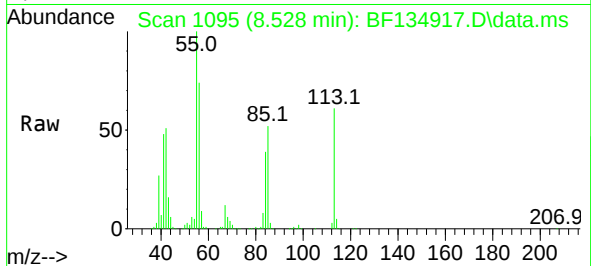
Tgt Ion:225 Resp: 220374
Ion Ratio Lower Upper
225 100
223 63.3 51.1 76.7
227 64.6 50.1 75.1





#35
Caprolactam
Concen: 48.420 ng m
RT: 8.528 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

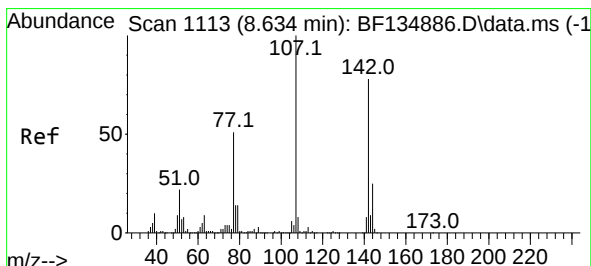
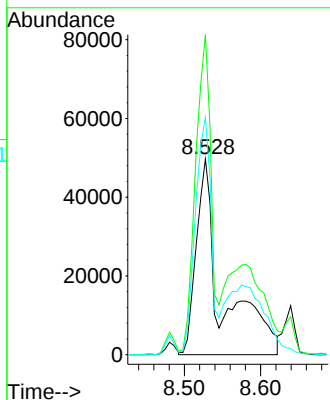
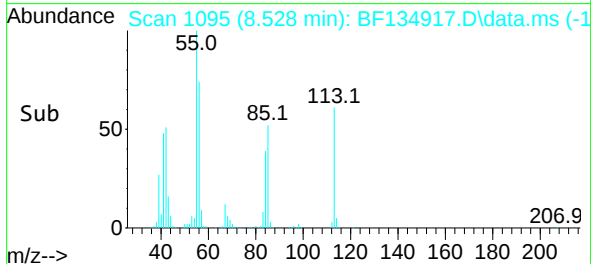
Instrument :
BNA_F
ClientSampleId :
PB154990BS



Tgt Ion:113 Resp: 116140
Ion Ratio Lower Upper
113 100
55 163.6 147.2 187.2
56 121.3 106.0 146.0

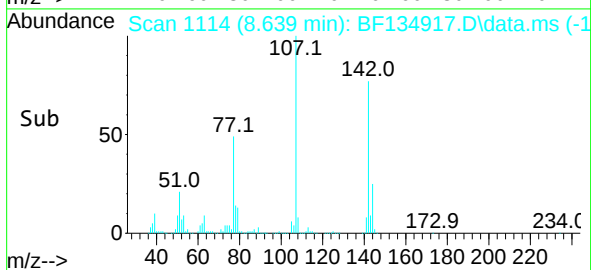
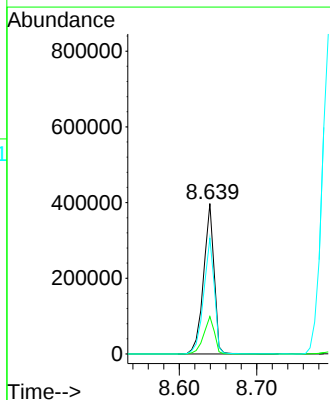
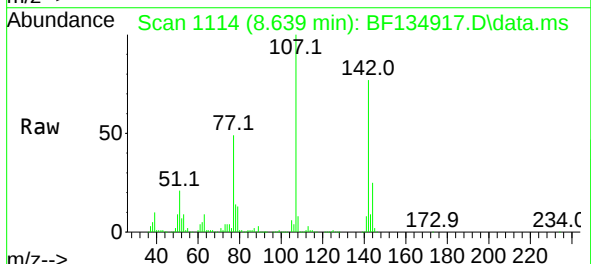
Manual Integrations
APPROVED

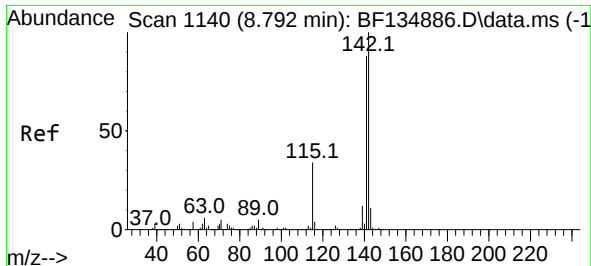
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#36
4-Chloro-3-methylphenol
Concen: 46.436 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:107 Resp: 376544
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 77.1 62.5 93.7





#37

2-Methylnaphthalene

Concen: 43.330 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

Tgt Ion:142 Resp: 758890

Ion Ratio Lower Upper

142 100

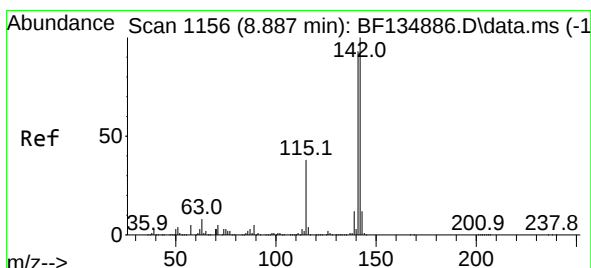
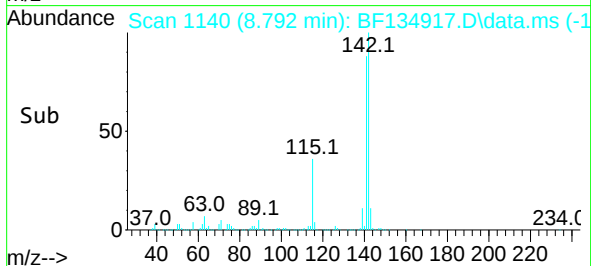
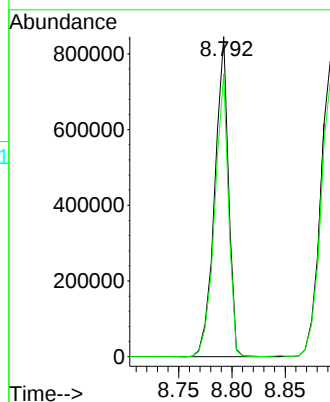
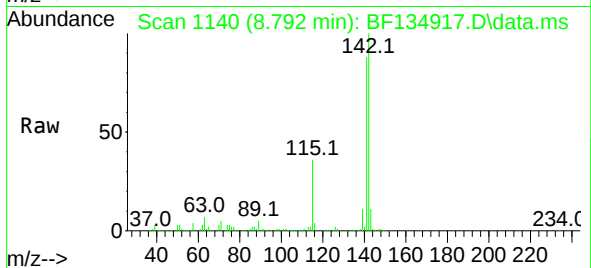
141 88.4 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#38

1-Methylnaphthalene

Concen: 43.823 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF134917.D

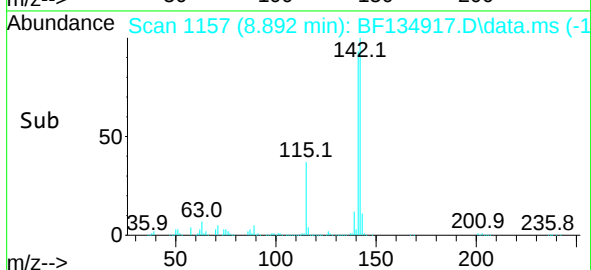
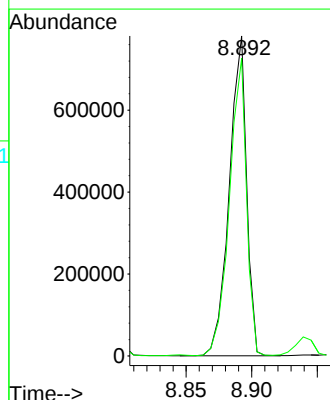
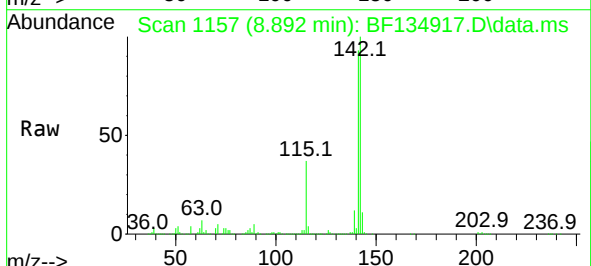
Acq: 24 Aug 2023 10:59

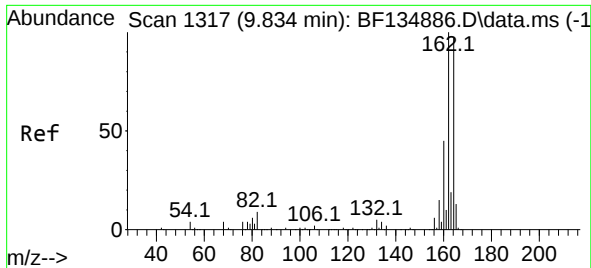
Tgt Ion:142 Resp: 717686

Ion Ratio Lower Upper

142 100

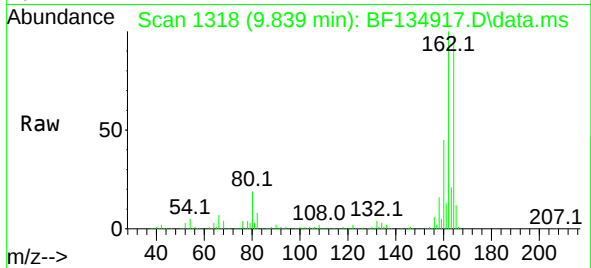
141 93.0 74.1 111.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

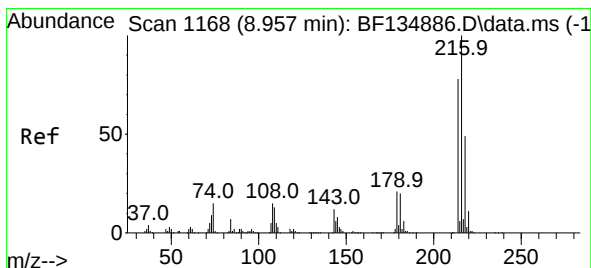
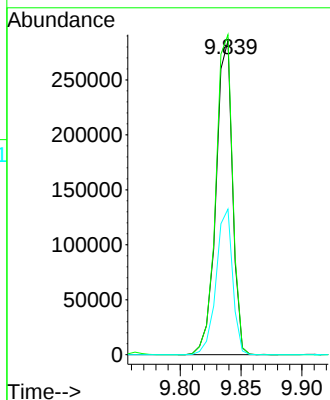
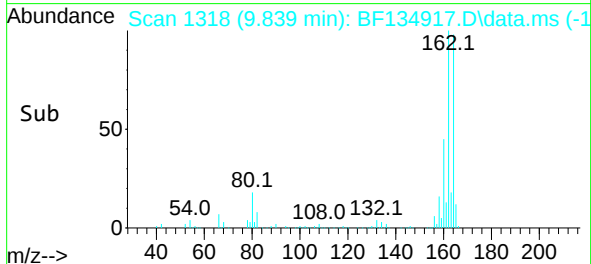
Instrument :
BNA_F
ClientSampleId :
PB154990BS



Tgt Ion:164 Resp: 27108
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 46.4 37.0 55.4

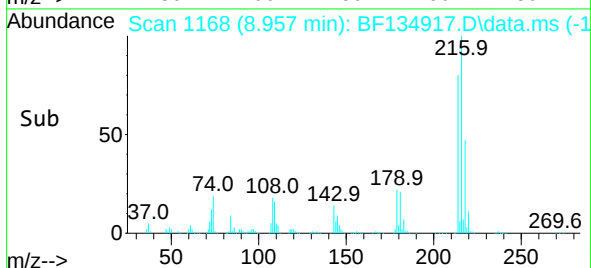
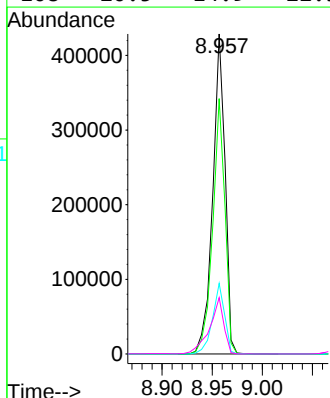
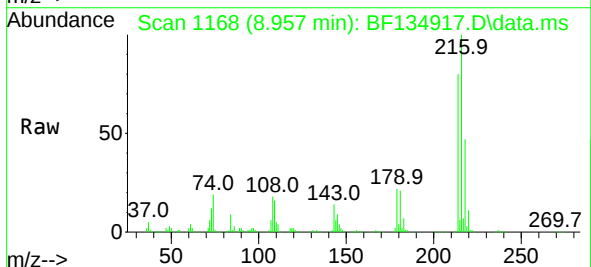
Manual Integrations
APPROVED

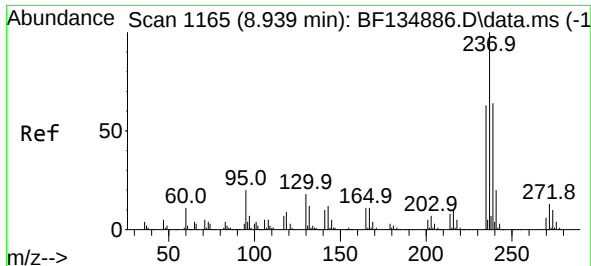
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.282 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:216 Resp: 365784
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 21.7 17.3 25.9
108 20.5 14.9 22.3





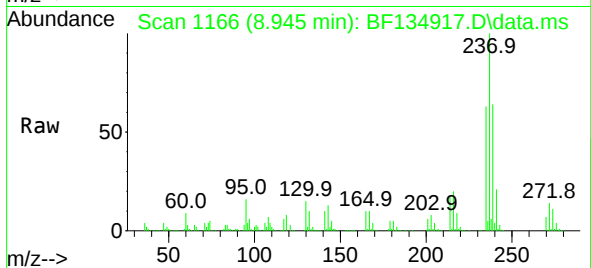
#41
Hexachlorocyclopentadiene
Concen: 102.943 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

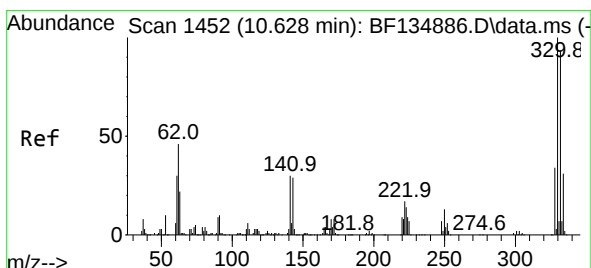
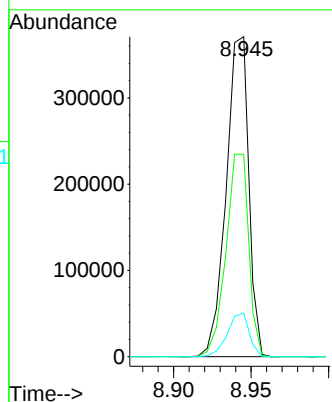
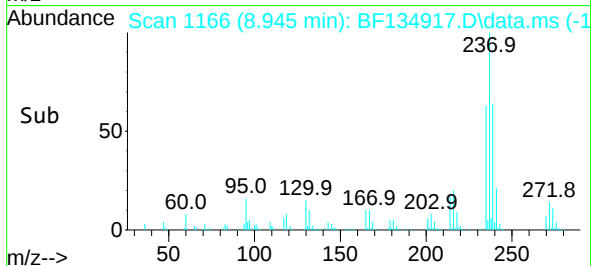


Tgt Ion:237 Resp: 376470
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 13.6 0.0 32.6

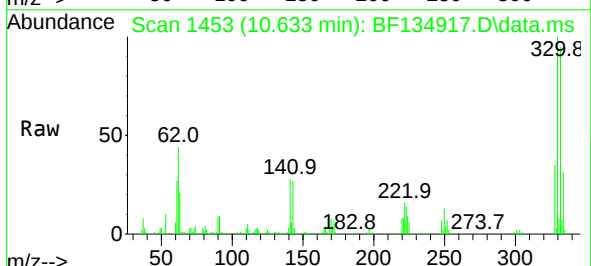
Manual Integrations

APPROVED

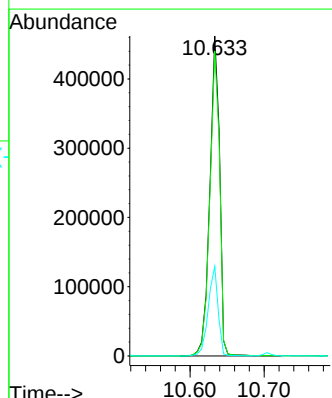
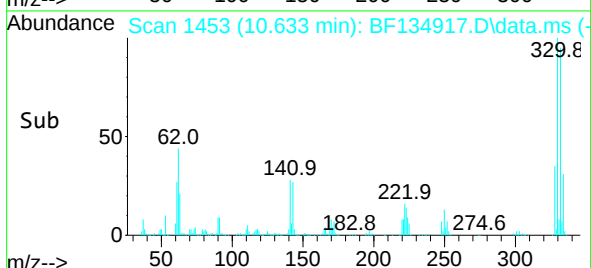
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

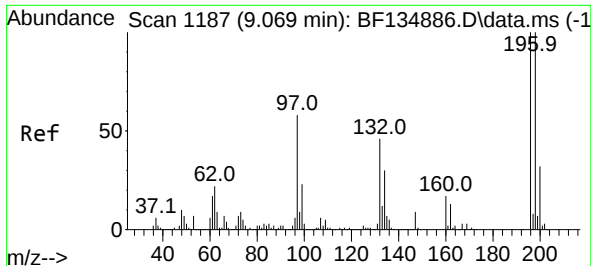


#42
2,4,6-Tribromophenol
Concen: 132.982 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:330 Resp: 424569
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 28.3 23.4 35.2





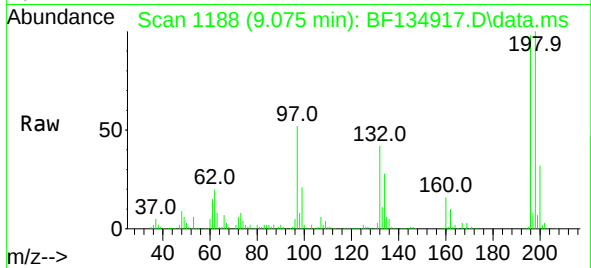
#43
2,4,6-Trichlorophenol
Concen: 46.568 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

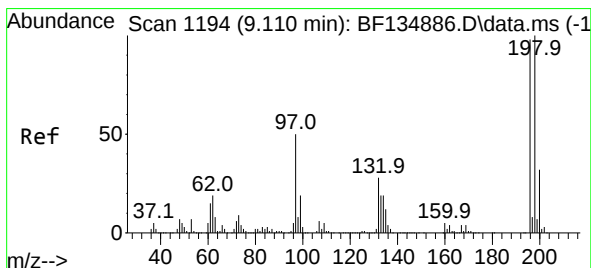
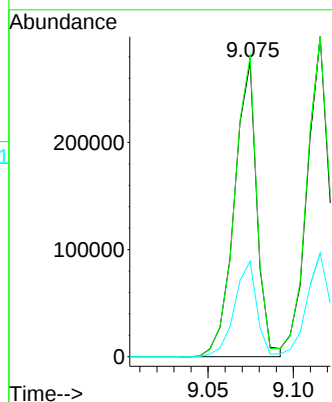


Tgt Ion:196 Resp: 254048
Ion Ratio Lower Upper
196 100
198 102.0 79.8 119.6
200 32.4 25.8 38.6

Manual Integrations

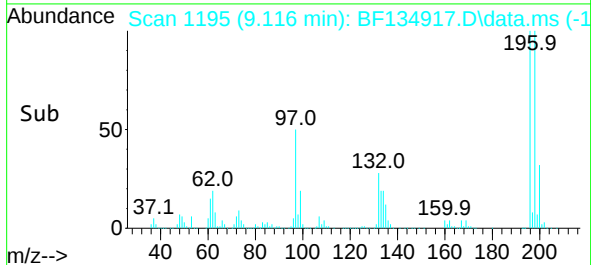
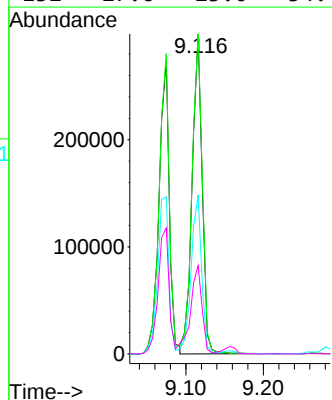
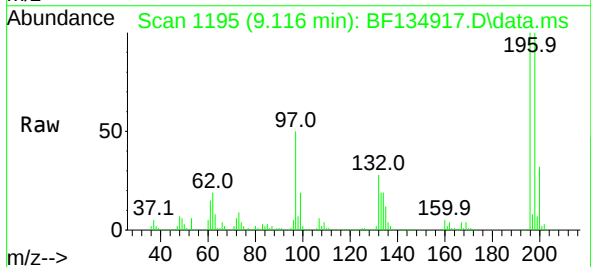
APPROVED

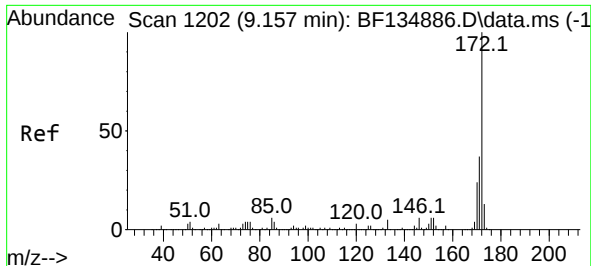
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#44
2,4,5-Trichlorophenol
Concen: 42.778 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:196 Resp: 270182
Ion Ratio Lower Upper
196 100
198 100.0 81.8 122.6
97 49.6 41.3 61.9
132 27.6 23.0 34.4





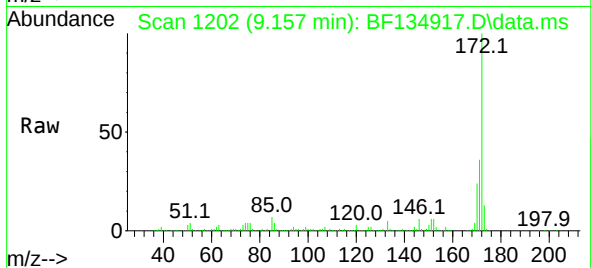
#45
2-Fluorobiphenyl
Concen: 87.021 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS



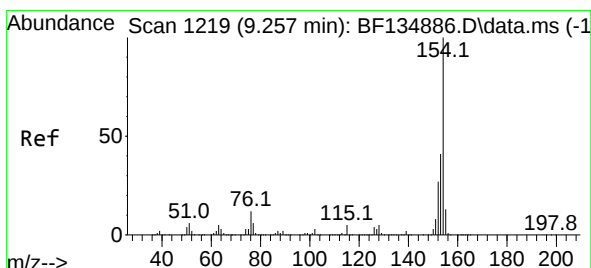
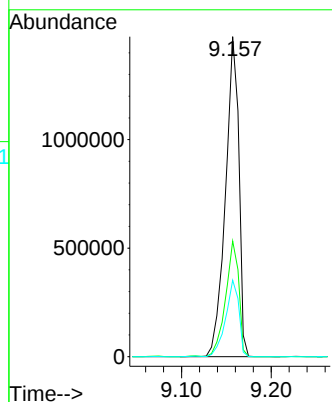
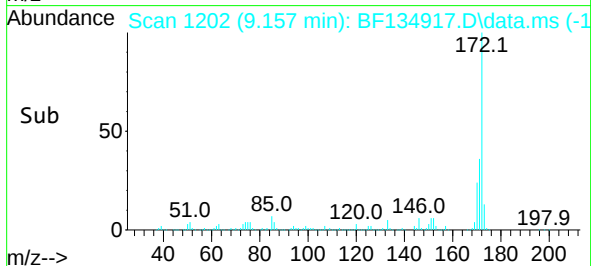
Tgt Ion:172 Resp: 152596
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 19.6 29.4

Manual Integrations

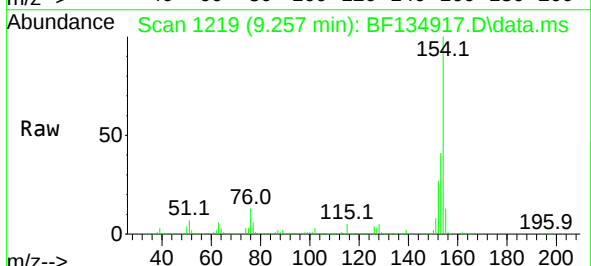
APPROVED

Reviewed By :Yogesh Patel 08/25/2023

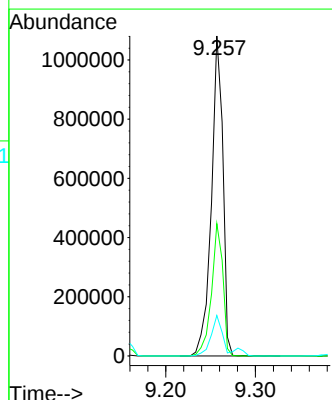
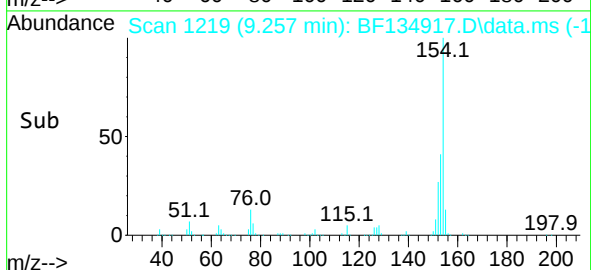
Supervised By :mohammad ahmed 08/25/2023

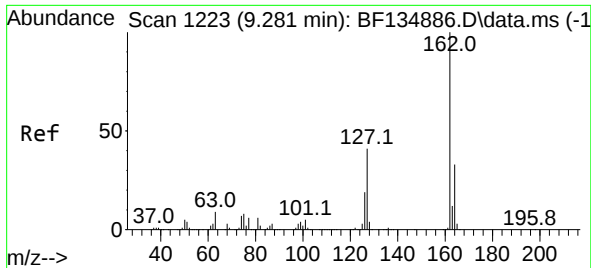


#46
1,1'-Biphenyl
Concen: 44.844 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:154 Resp: 959716
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 12.7 0.0 31.8





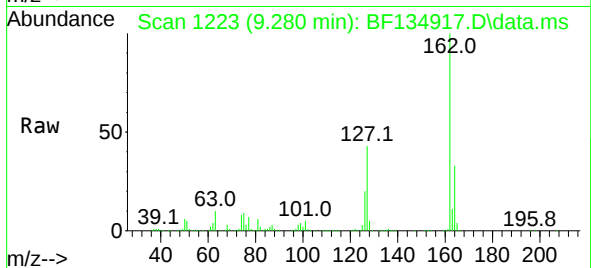
#47
2-Chloronaphthalene
Concen: 46.121 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

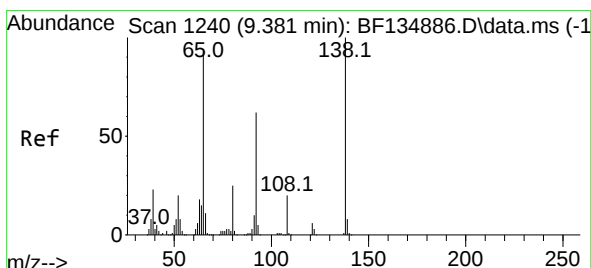
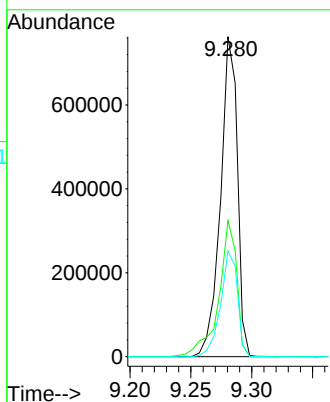
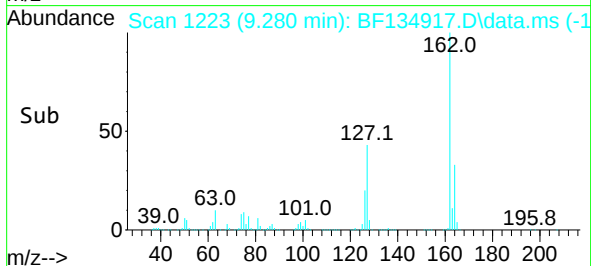


Tgt Ion:162 Resp: 73714
Ion Ratio Lower Upper
162 100
127 42.6 33.4 50.0
164 33.0 26.6 39.8

Manual Integrations

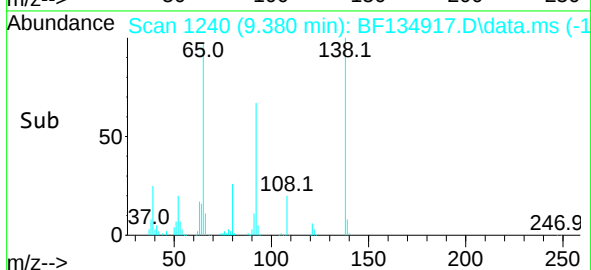
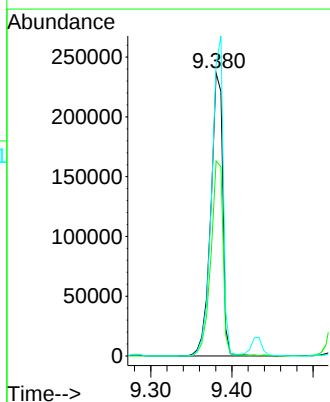
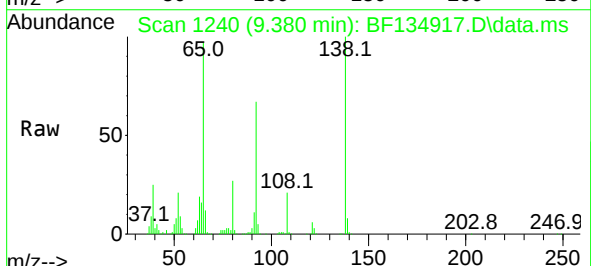
APPROVED

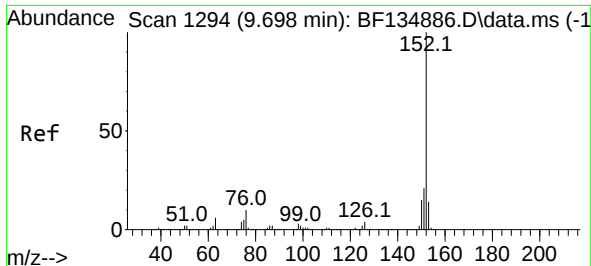
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#48
2-Nitroaniline
Concen: 46.226 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion: 65 Resp: 242866
Ion Ratio Lower Upper
65 100
92 69.0 53.8 80.8
138 103.1 86.5 129.7





#49

Acenaphthylene

Concen: 46.924 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134917.D

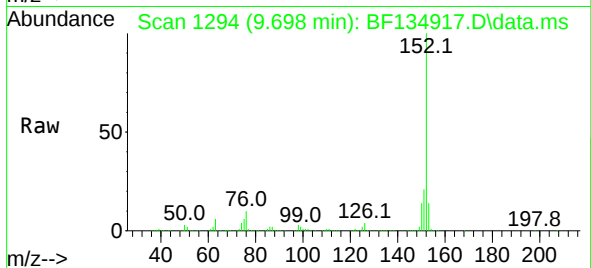
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS



Tgt Ion:152 Resp: 1154949

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

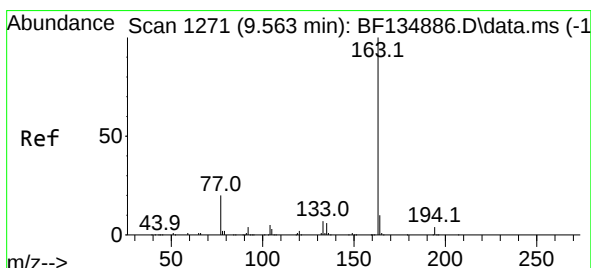
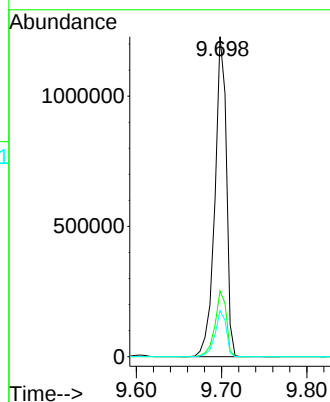
153 14.4 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#50

Dimethylphthalate

Concen: 45.658 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

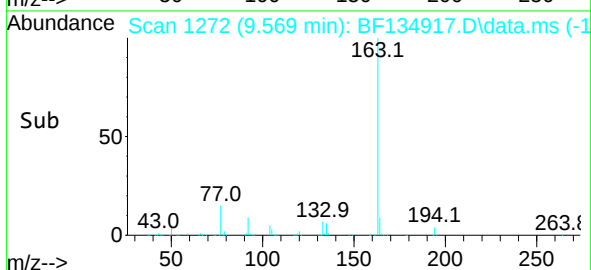
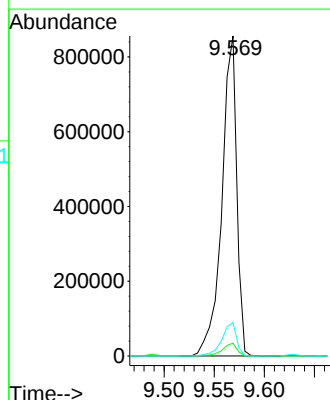
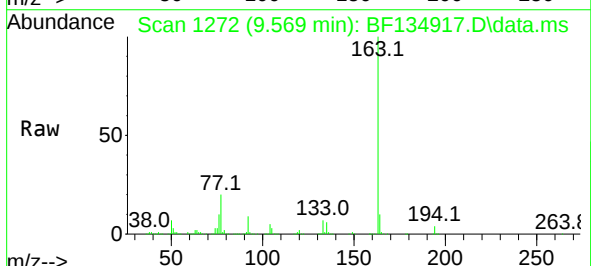
Tgt Ion:163 Resp: 881006

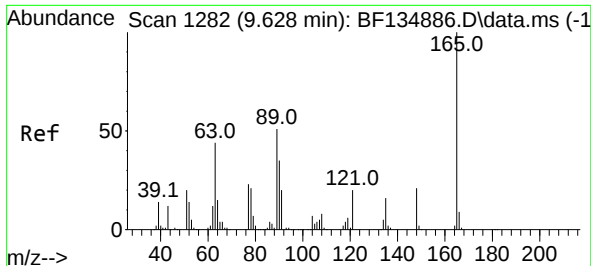
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 47.155 ng

RT: 9.628 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

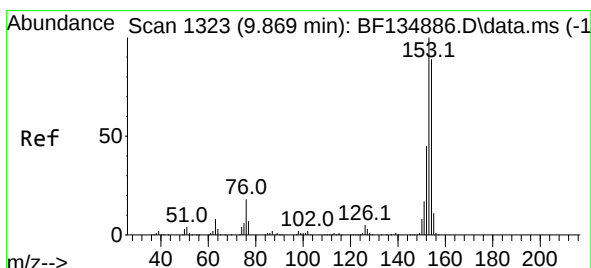
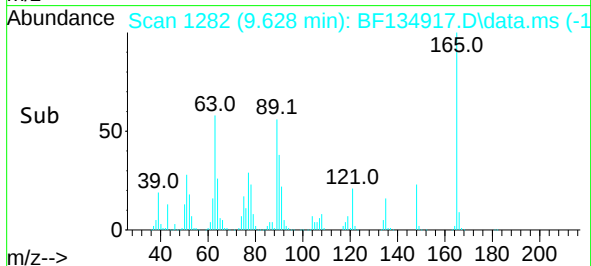
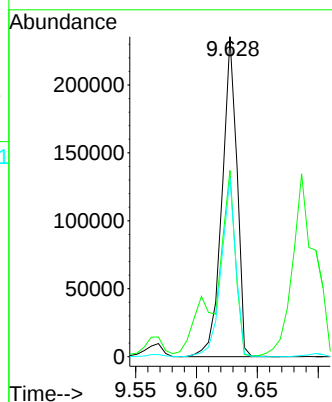
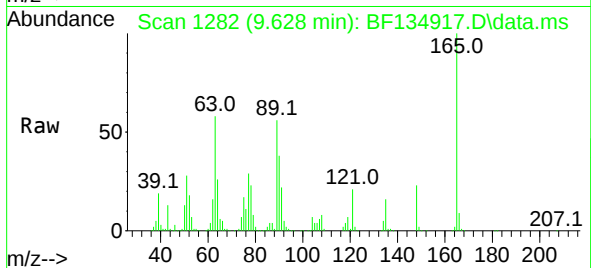
Tgt Ion:	165	Resp:	200684
Ion Ratio	Lower	Upper	
165	100		
63	58.2	41.4	62.2
89	55.9	40.9	61.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#52

Acenaphthene

Concen: 44.840 ng

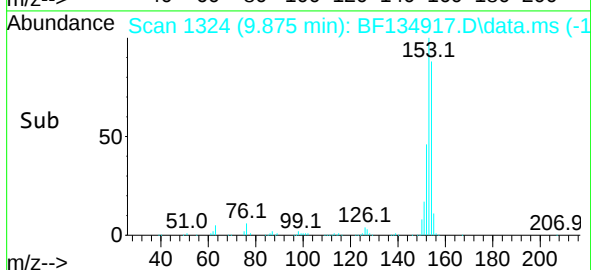
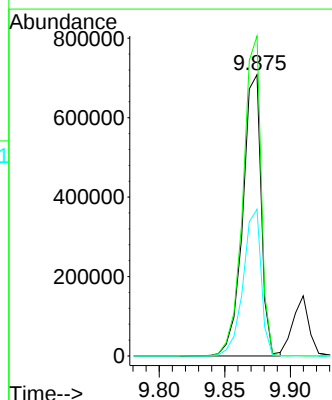
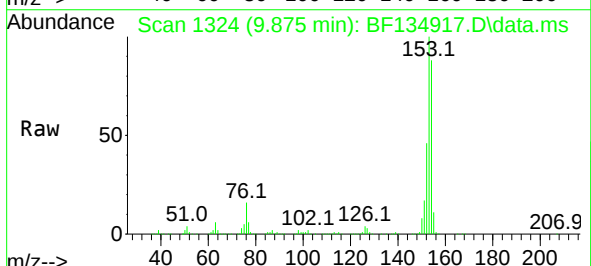
RT: 9.875 min Scan# 1324

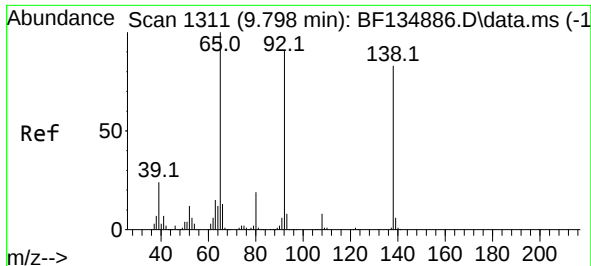
Delta R.T. 0.006 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

Tgt Ion:	154	Resp:	695285
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.6	134.4
152	52.2	40.5	60.7





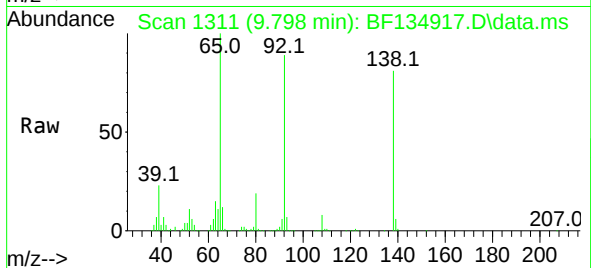
#53
3-Nitroaniline
Concen: 31.200 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

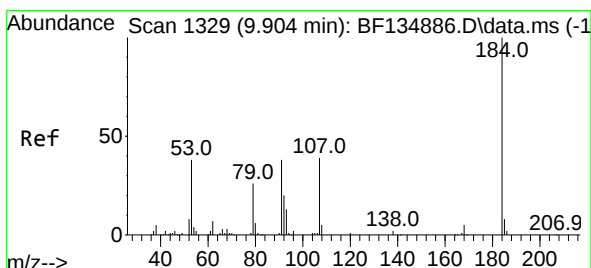
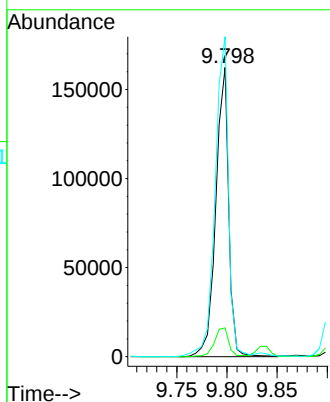
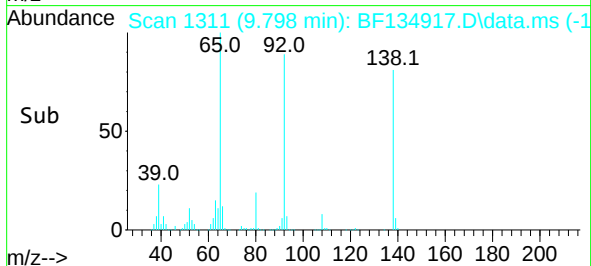


Tgt Ion:138 Resp: 145028
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 110.6 87.6 131.4

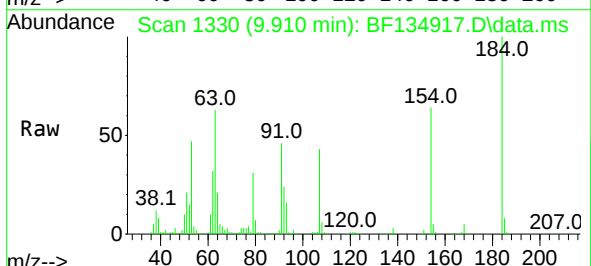
Manual Integrations

APPROVED

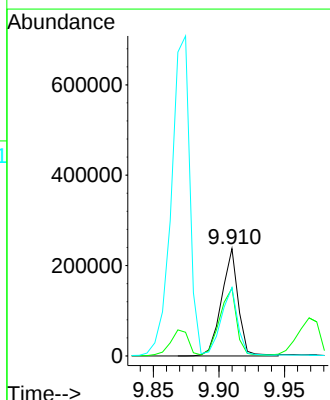
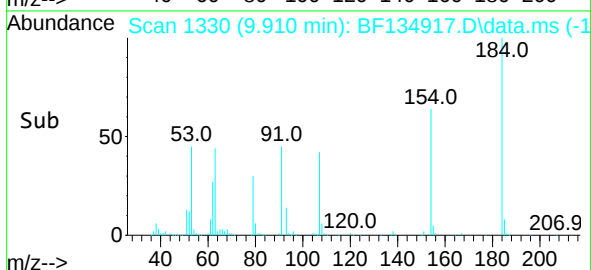
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

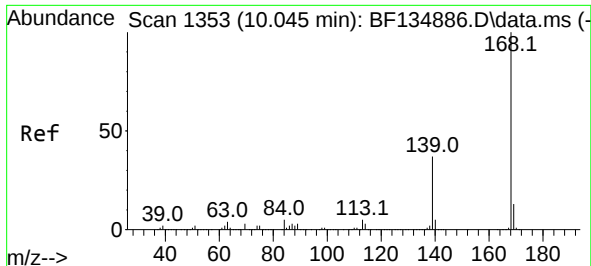


#54
2,4-Dinitrophenol
Concen: 104.362 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:184 Resp: 210150
Ion Ratio Lower Upper
184 100
63 63.1 42.8 64.2
154 63.8 48.0 72.0





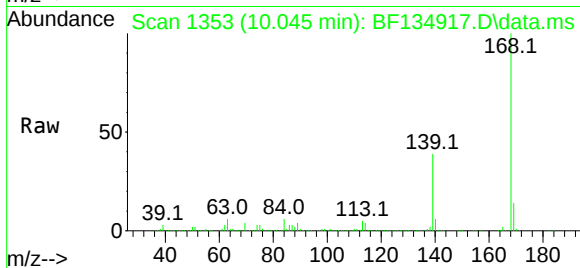
#55
Dibenzenofuran
Concen: 45.218 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

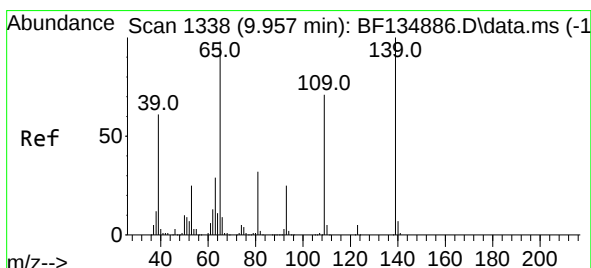
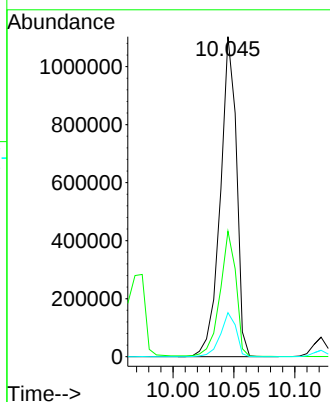
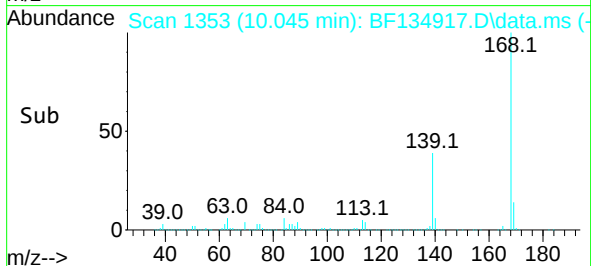


Tgt Ion:168 Resp: 1020818
Ion Ratio Lower Upper
168 100
139 39.2 29.5 44.3
169 13.8 10.7 16.1

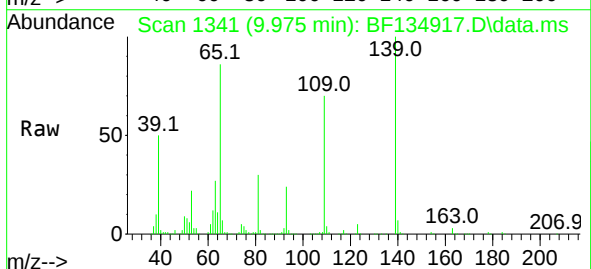
Manual Integrations

APPROVED

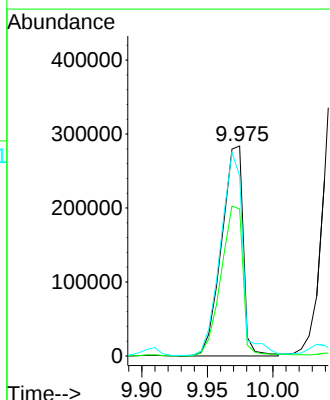
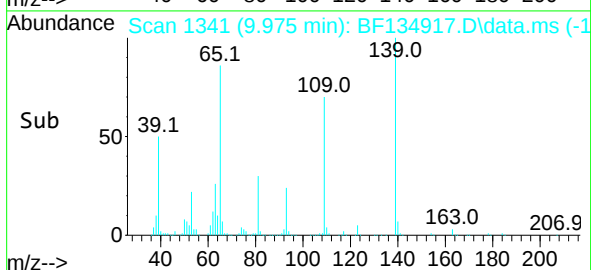
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

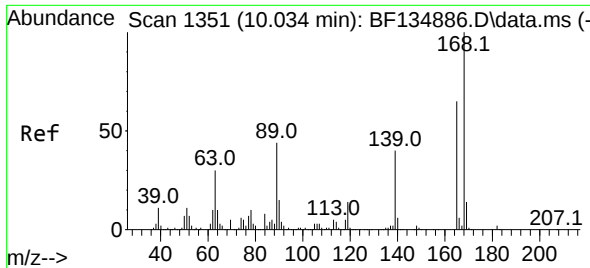


#56
4-Nitrophenol
Concen: 99.931 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:139 Resp: 323715
Ion Ratio Lower Upper
139 100
109 70.1 51.0 91.0
65 85.7 78.5 118.5





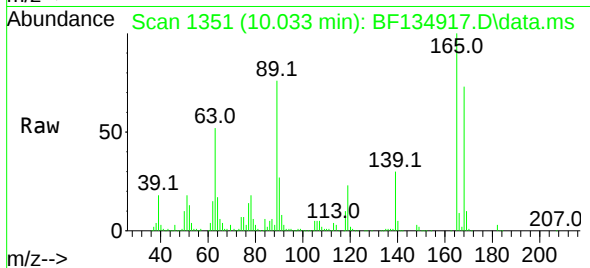
#57
2,4-Dinitrotoluene
Concen: 49.448 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

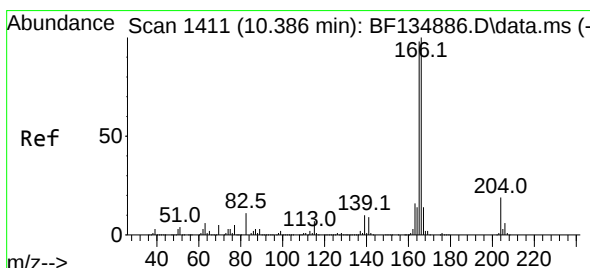
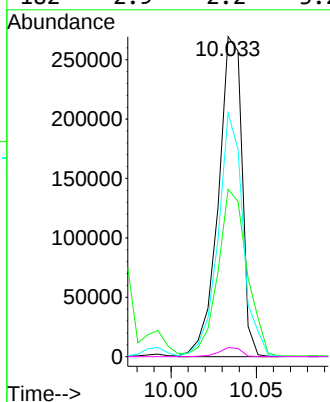
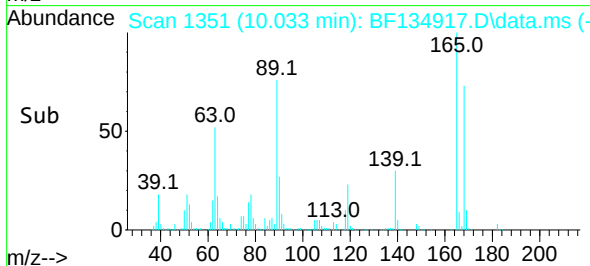


Tgt Ion:165 Resp: 260250
Ion Ratio Lower Upper
165 100
63 52.3 37.7 56.5
89 76.1 54.2 81.4
182 2.9 2.2 3.2

Manual Integrations

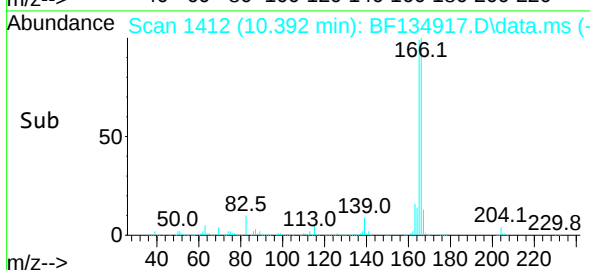
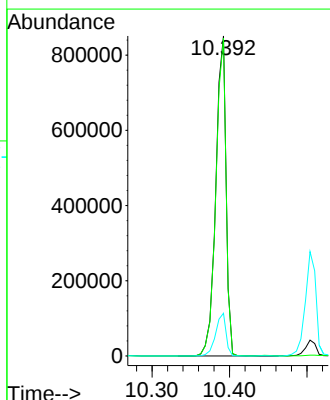
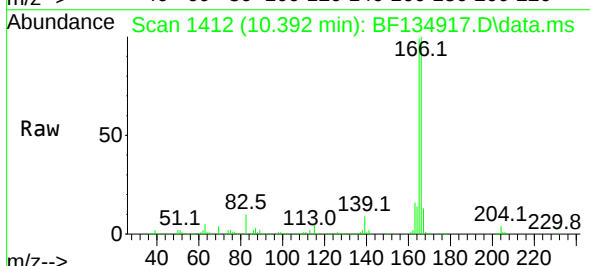
APPROVED

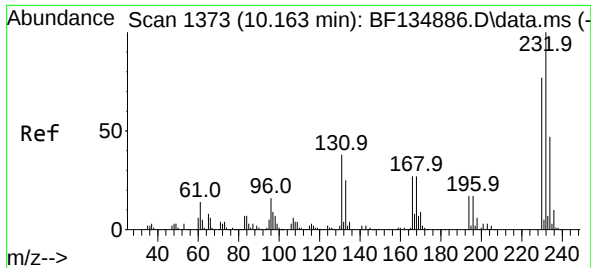
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#58
Fluorene
Concen: 45.692 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

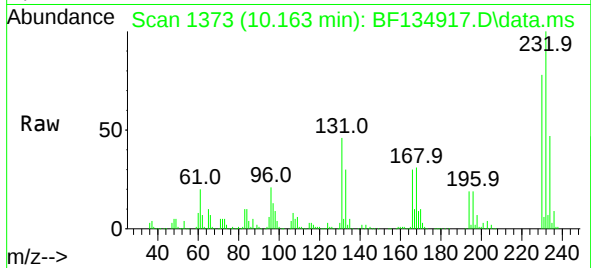
Tgt Ion:166 Resp: 782357
Ion Ratio Lower Upper
166 100
165 99.4 78.5 117.7
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.735 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

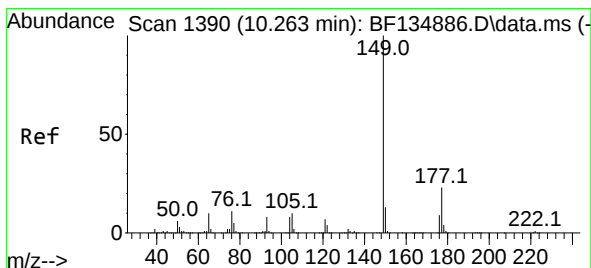
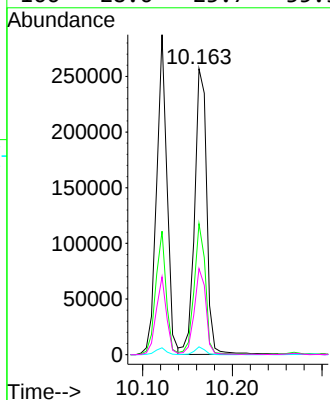
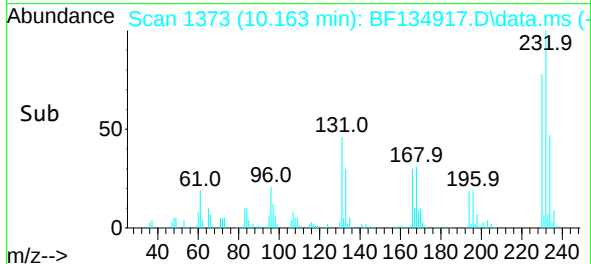
Instrument :
BNA_F
ClientSampleId :
PB154990BS



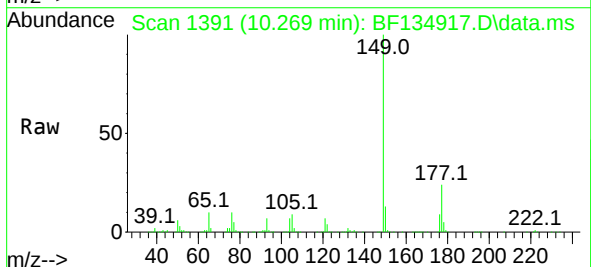
Tgt Ion:232 Resp: 239820
Ion Ratio Lower Upper
232 100
131 43.2 33.9 50.9
130 2.4 1.6 2.4
166 28.6 23.7 35.5

Manual Integrations
APPROVED

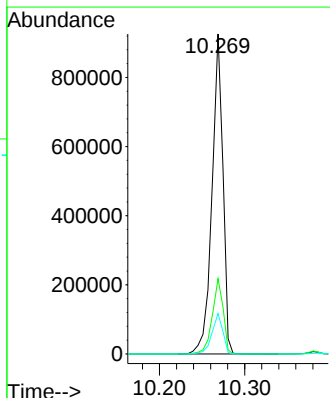
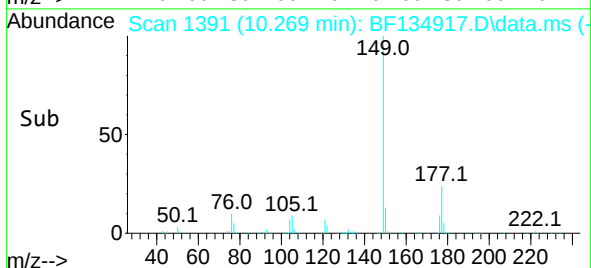
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

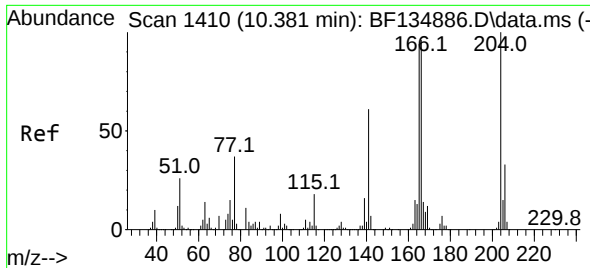


#60
Diethylphthalate
Concen: 46.610 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



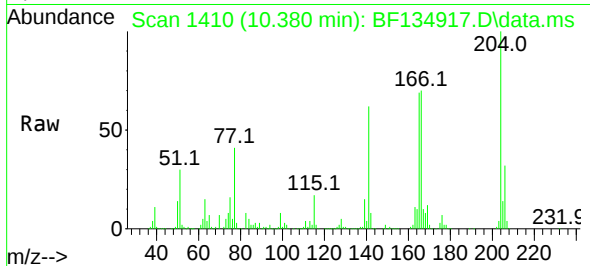
Tgt Ion:149 Resp: 824002
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.812 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.001 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

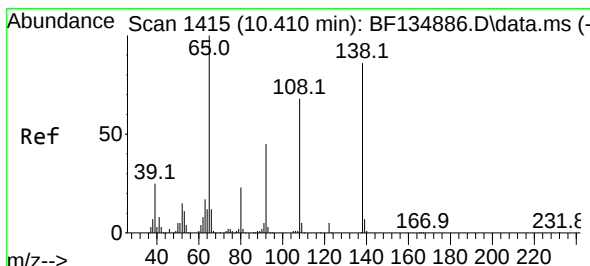
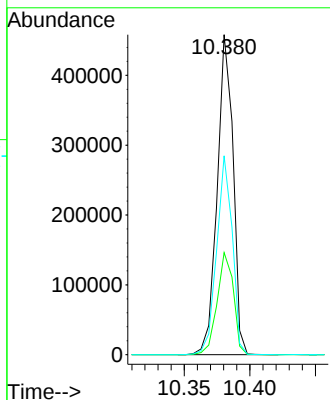
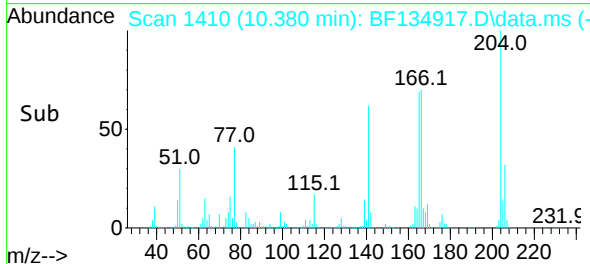
Instrument :
BNA_F
ClientSampleId :
PB154990BS



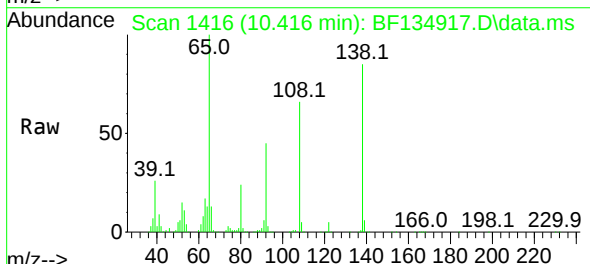
Tgt Ion:204 Resp: 384638
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 62.2 48.6 73.0

Manual Integrations
APPROVED

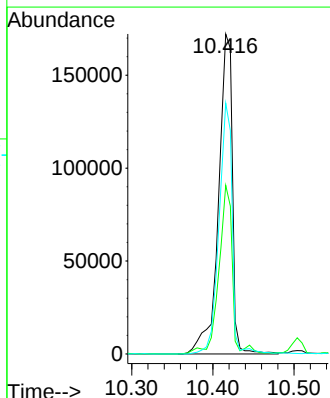
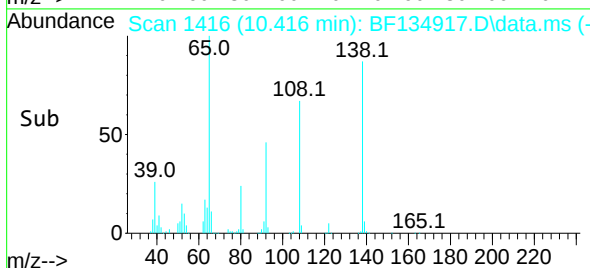
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

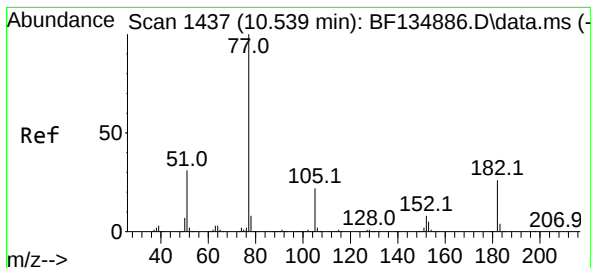


#62
4-Nitroaniline
Concen: 47.312 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:138 Resp: 205589
Ion Ratio Lower Upper
138 100
92 52.7 32.5 72.5
108 78.4 58.6 98.6





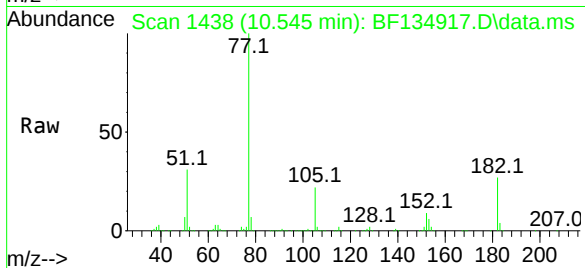
#63
Azobenzene
Concen: 45.440 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

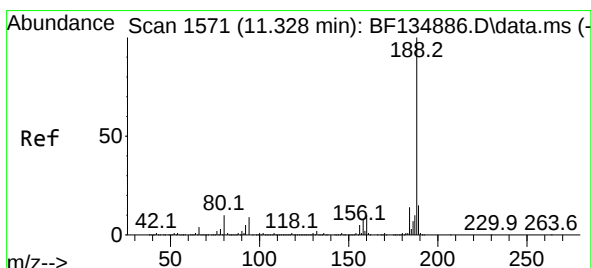
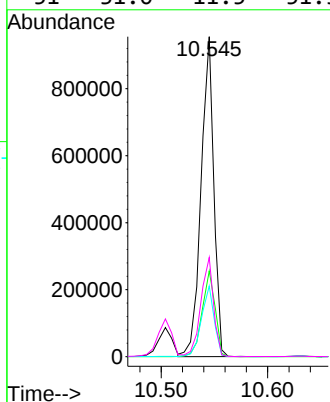
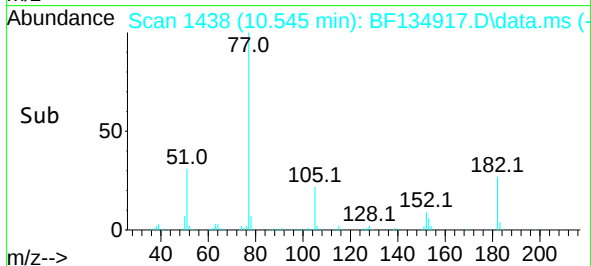


Tgt Ion: 77 Resp: 798029
Ion Ratio Lower Upper
77 100
182 26.8 5.8 45.8
105 22.1 1.6 41.6
51 31.0 11.5 51.5

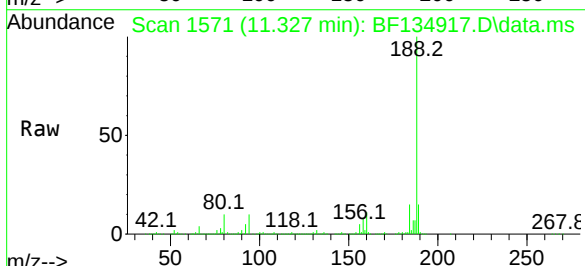
Manual Integrations

APPROVED

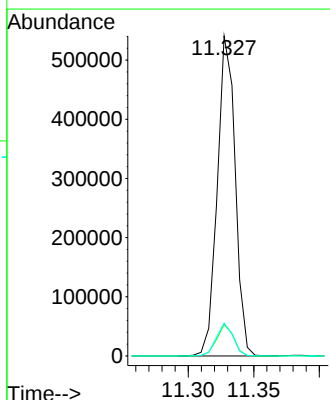
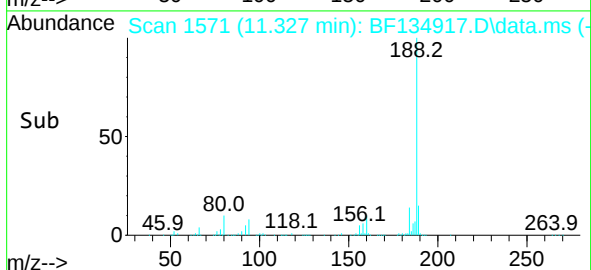
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

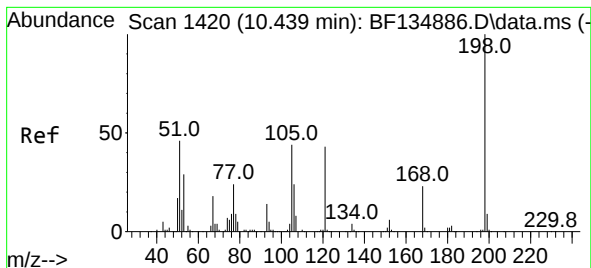


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:188 Resp: 512886
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.3 7.8 11.6





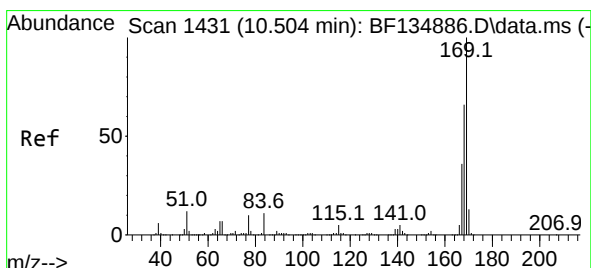
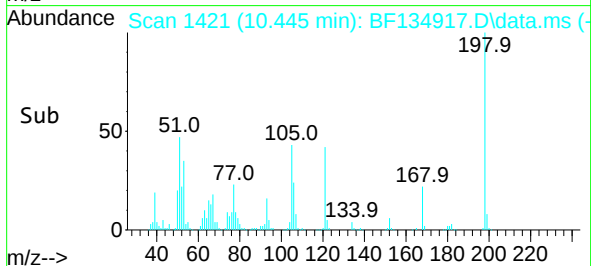
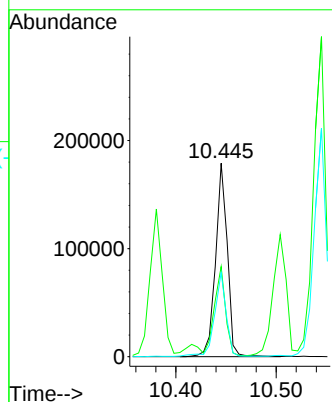
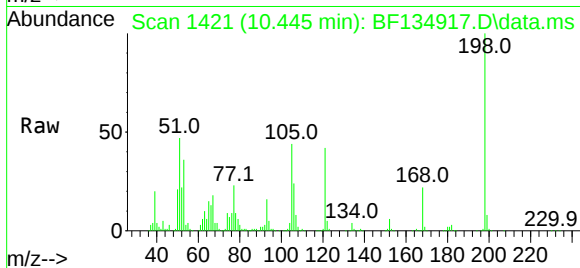
#65
4,6-Dinitro-2-methylphenol
Concen: 48.051 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :
BNA_F
ClientSampleId :
PB154990BS

Tgt Ion:198 Resp: 145420
Ion Ratio Lower Upper
198 100
51 46.6 30.3 70.3
105 43.5 24.5 64.5

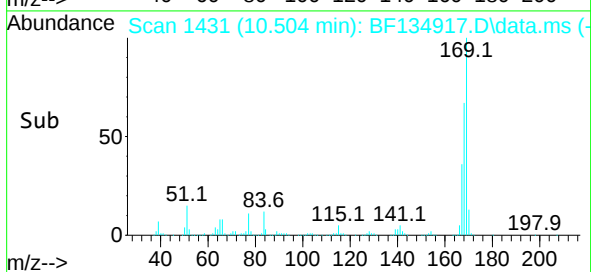
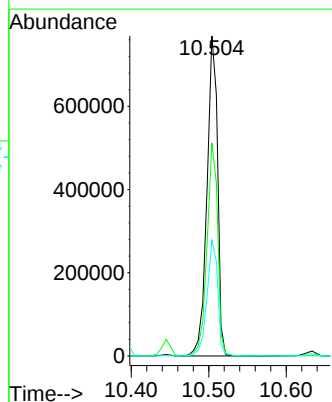
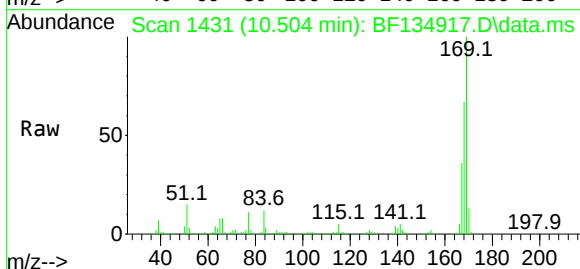
Manual Integrations
APPROVED

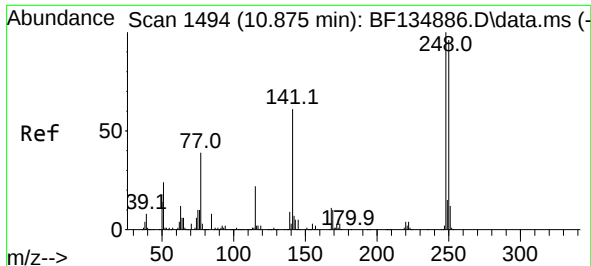
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#66
n-Nitrosodiphenylamine
Concen: 44.261 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:169 Resp: 731034
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.1 29.0 43.6





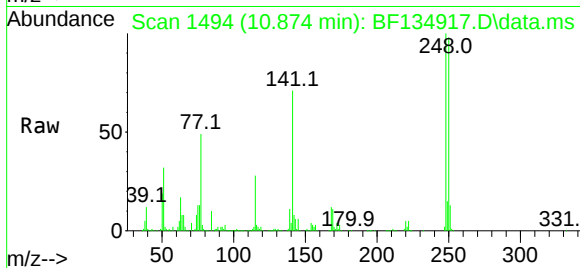
#67
4-Bromophenyl-phenylether
Concen: 43.605 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.001 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

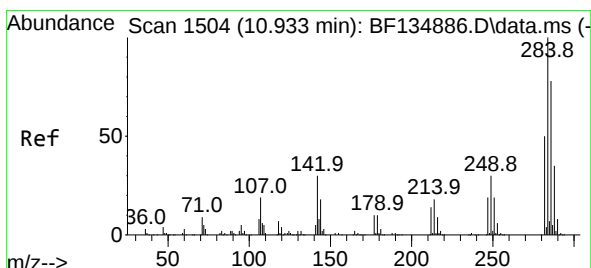
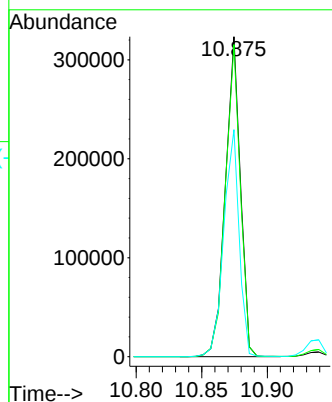
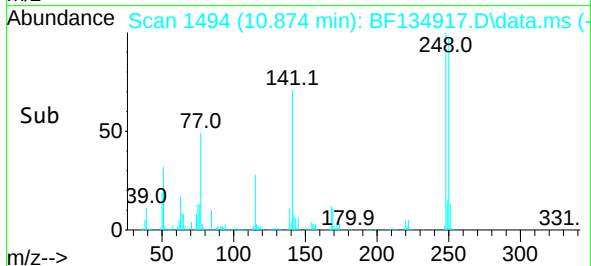


Tgt Ion:248 Resp: 258018
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 70.9 49.0 73.4

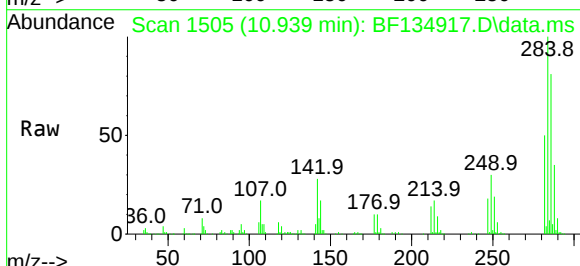
Manual Integrations

APPROVED

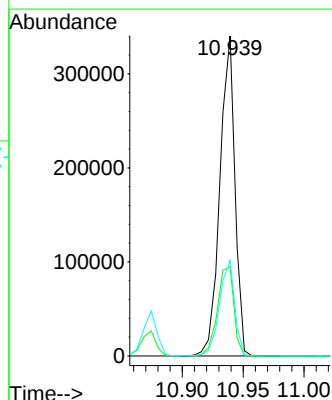
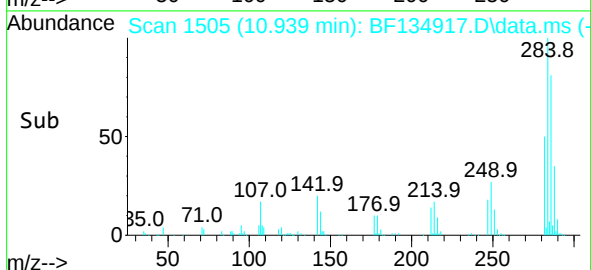
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

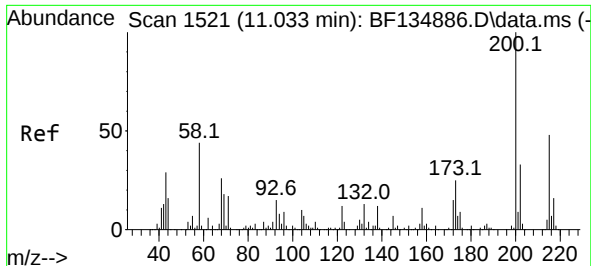


#68
Hexachlorobenzene
Concen: 46.589 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:284 Resp: 293187
Ion Ratio Lower Upper
284 100
142 27.9 23.9 35.9
249 29.8 24.1 36.1





#69
 Atrazine
 Concen: 55.090 ng
 RT: 11.039 min Scan# 1521
 Delta R.T. 0.006 min
 Lab File: BF134917.D
 Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

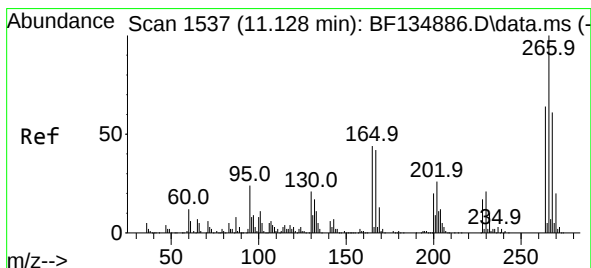
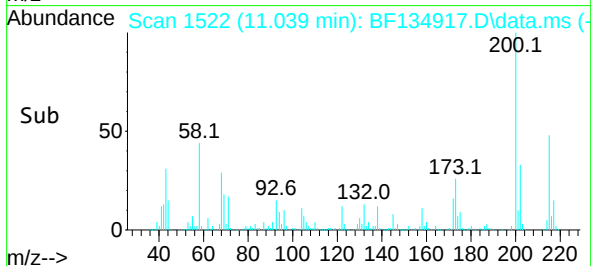
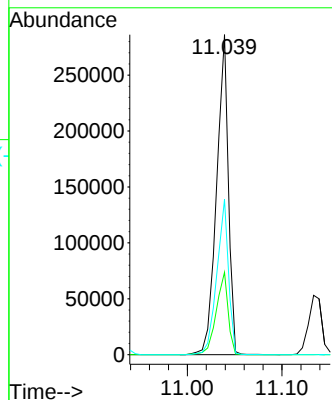
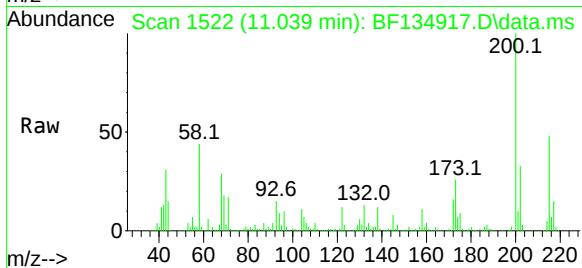
PB154990BS

Tgt Ion:200 Resp: 247070
 Ion Ratio Lower Upper
 200 100
 173 25.8 5.3 45.3
 215 48.5 28.3 68.3

Manual Integrations

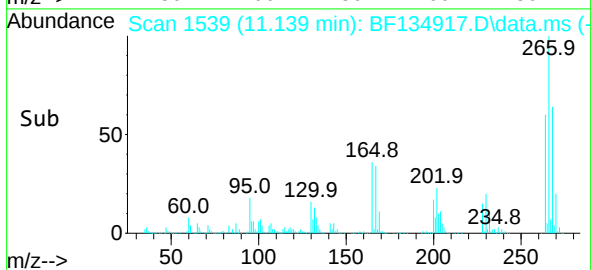
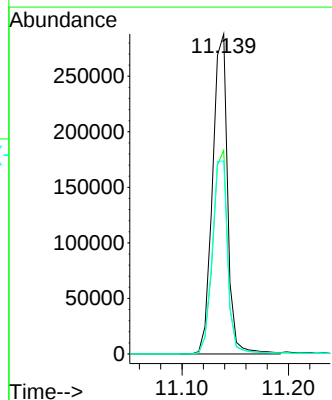
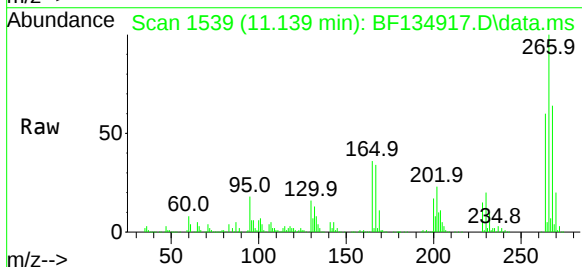
APPROVED

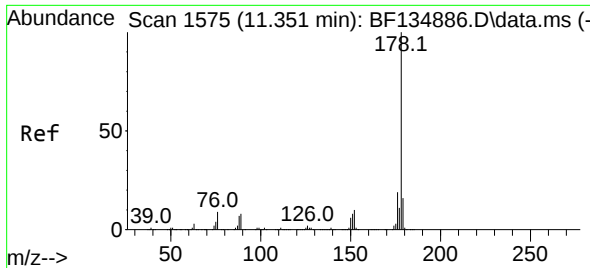
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#70
 Pentachlorophenol
 Concen: 74.846 ng
 RT: 11.139 min Scan# 1539
 Delta R.T. 0.011 min
 Lab File: BF134917.D
 Acq: 24 Aug 2023 10:59

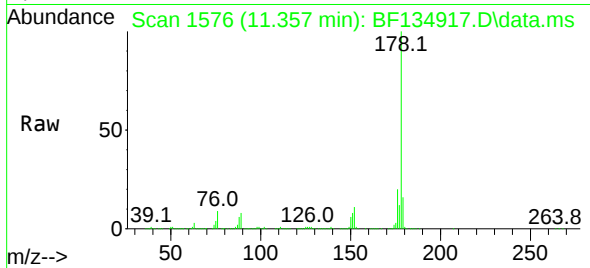
Tgt Ion:266 Resp: 283460
 Ion Ratio Lower Upper
 266 100
 268 63.7 48.9 73.3
 264 60.3 51.0 76.6





#71
Phenanthrene
Concen: 44.908 ng
RT: 11.357 min Scan# 11357
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

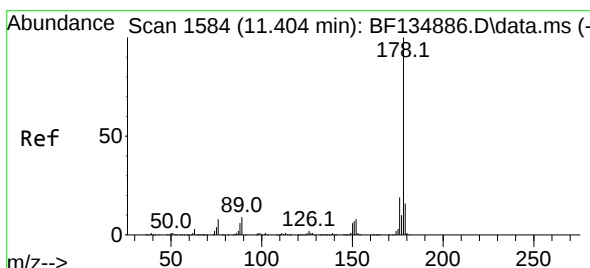
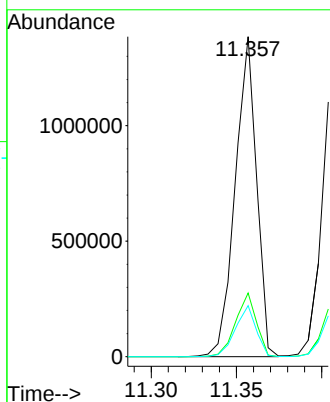
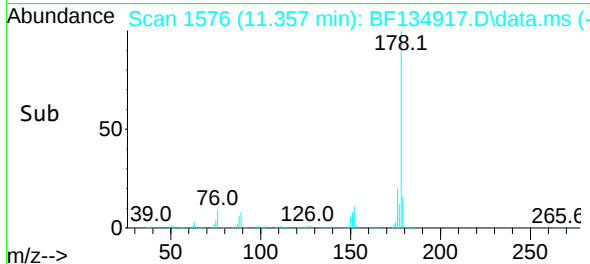
Instrument :
BNA_F
ClientSampleId :
PB154990BS



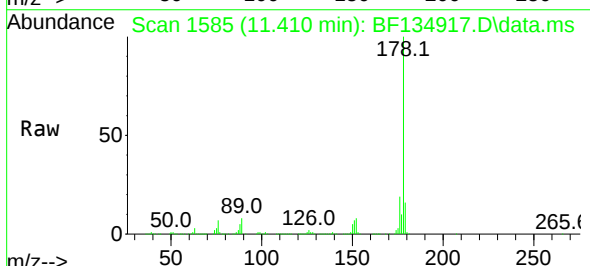
Tgt Ion:178 Resp: 1206960
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.9 12.6 19.0

Manual Integrations
APPROVED

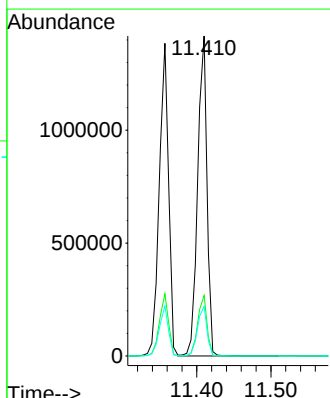
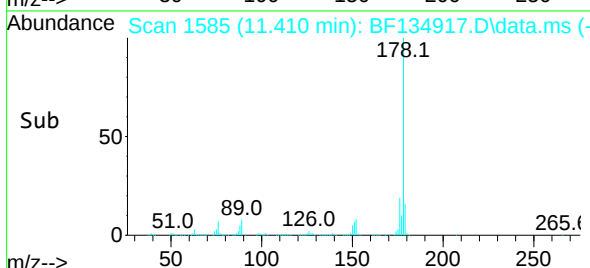
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

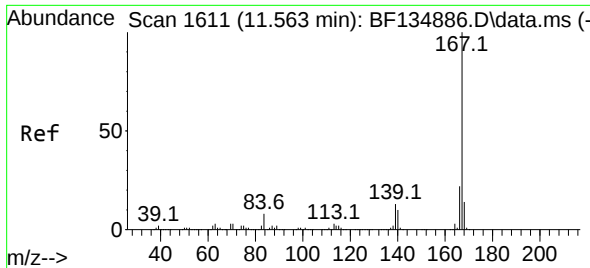


#72
Anthracene
Concen: 44.813 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



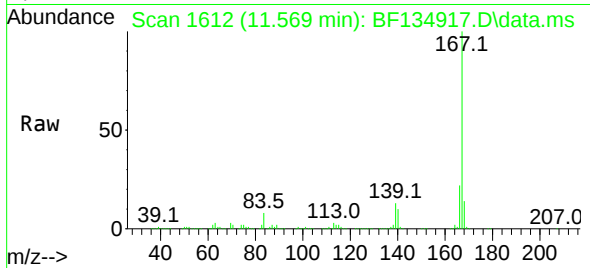
Tgt Ion:178 Resp: 1234031
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.5 18.7





#73
Carbazole
Concen: 47.322 ng
RT: 11.569 min Scan# 1611
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

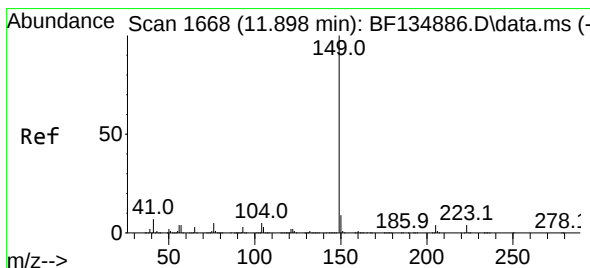
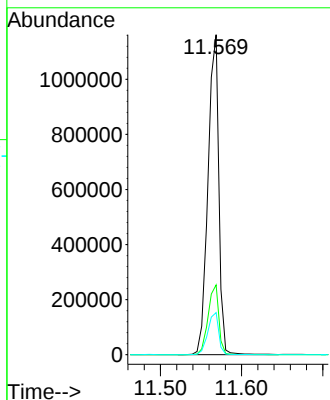
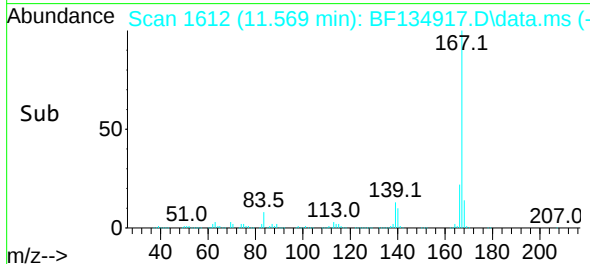
Instrument :
BNA_F
ClientSampleId :
PB154990BS



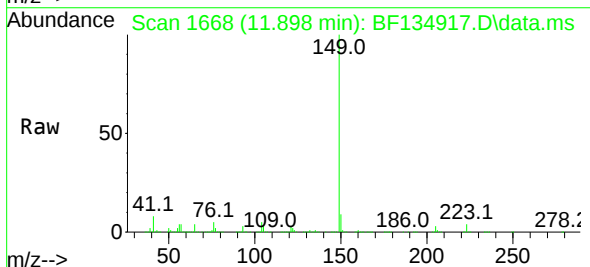
Tgt Ion:167 Resp: 1073800
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.2 10.4 15.6

Manual Integrations
APPROVED

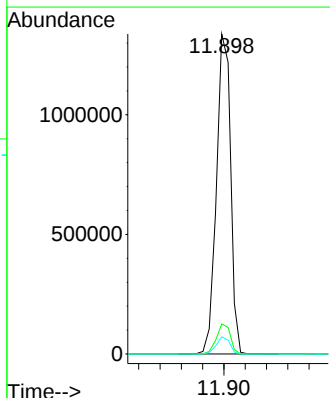
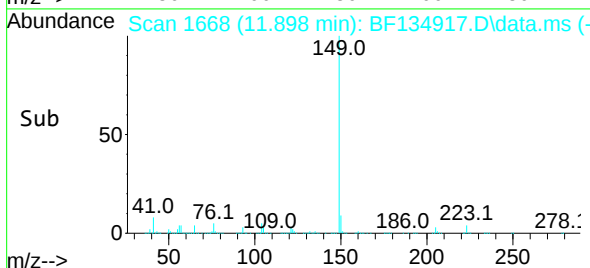
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

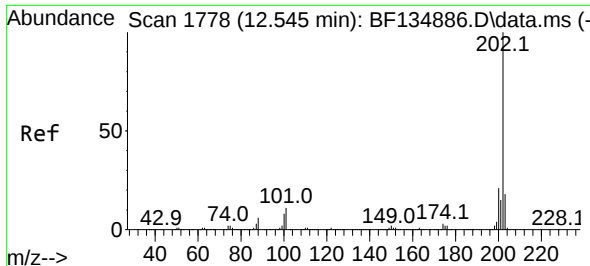


#74
Di-n-butylphthalate
Concen: 47.269 ng
RT: 11.898 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



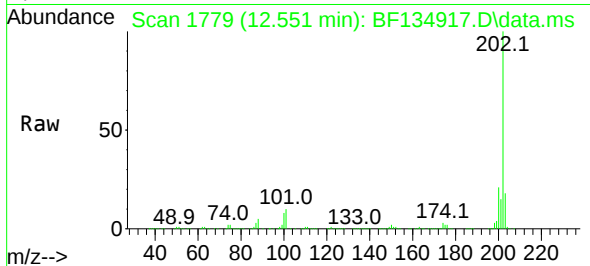
Tgt Ion:149 Resp: 1230162
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 47.498 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

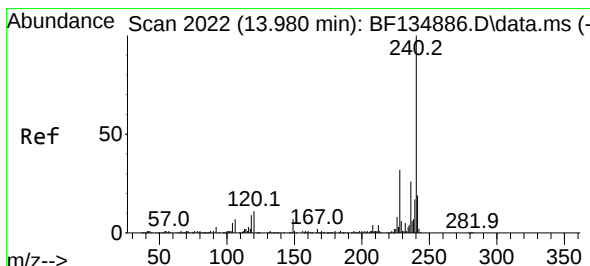
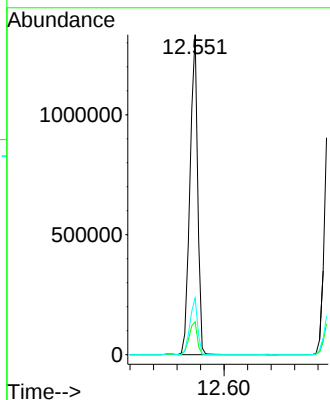
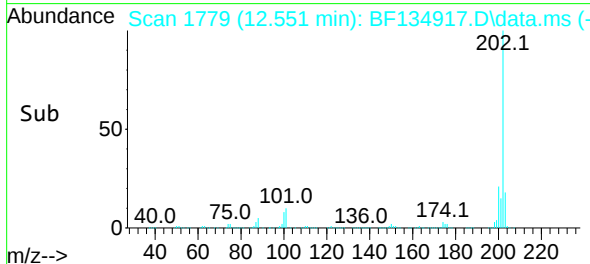
Instrument :
BNA_F
ClientSampleId :
PB154990BS



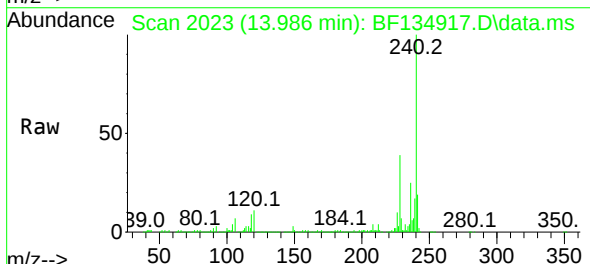
Tgt Ion:202 Resp: 120955
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.5
203 17.7 0.0 37.8

Manual Integrations
APPROVED

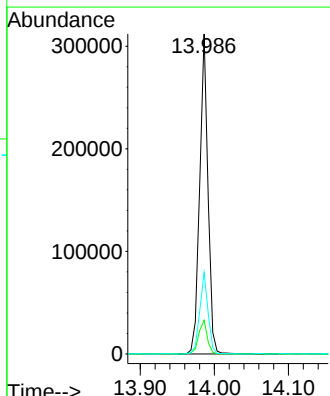
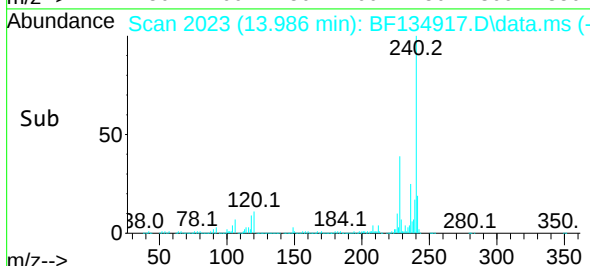
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

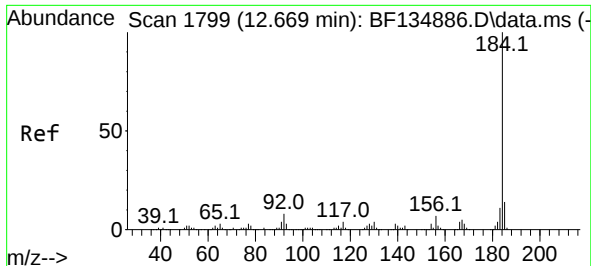


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



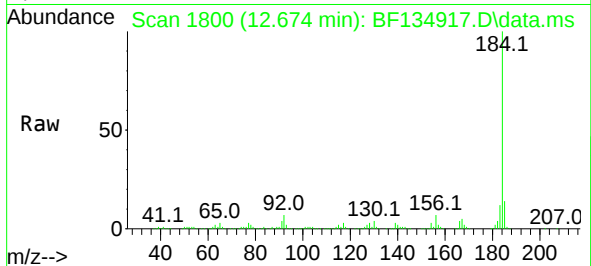
Tgt Ion:240 Resp: 241611
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.4 20.6 31.0





#77
Benzidine
Concen: 66.299 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

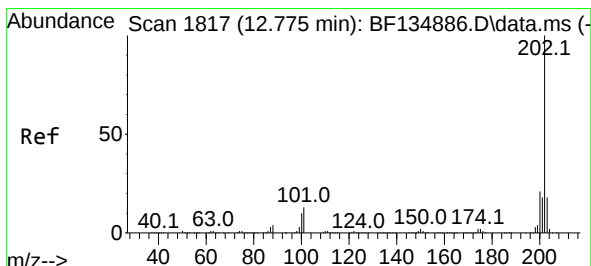
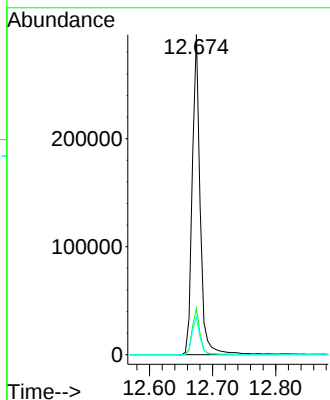
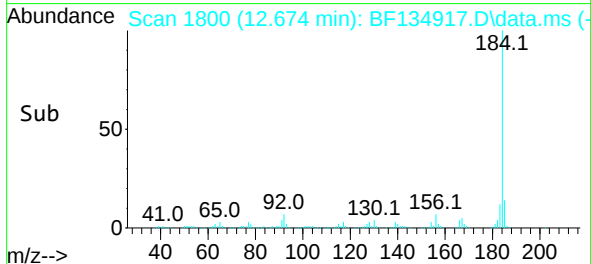
Instrument :
BNA_F
ClientSampleId :
PB154990BS



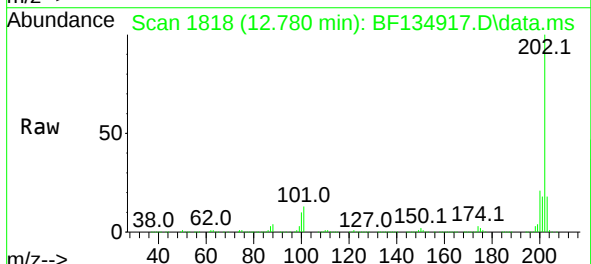
Tgt Ion:184 Resp: 259897
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.7 9.0 13.4

Manual Integrations
APPROVED

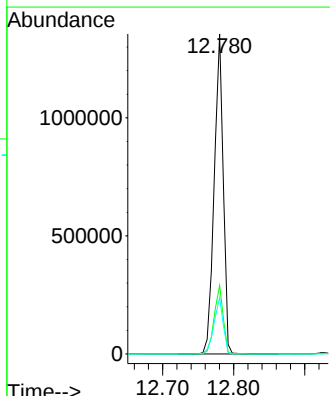
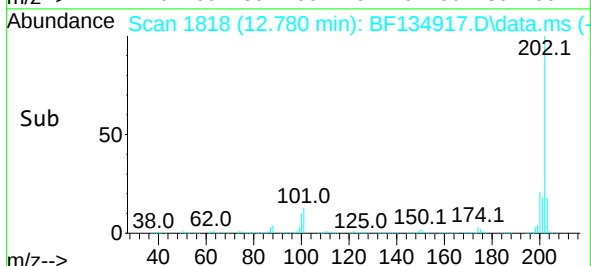
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

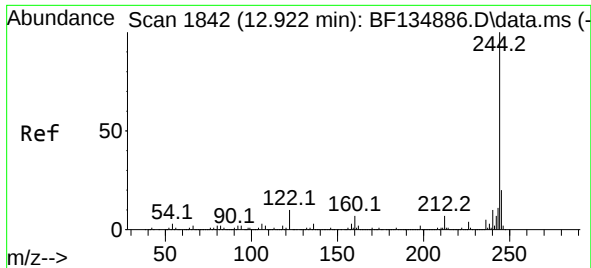


#78
Pyrene
Concen: 46.726 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



Tgt Ion:202 Resp: 1196981
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.7 14.2 21.2





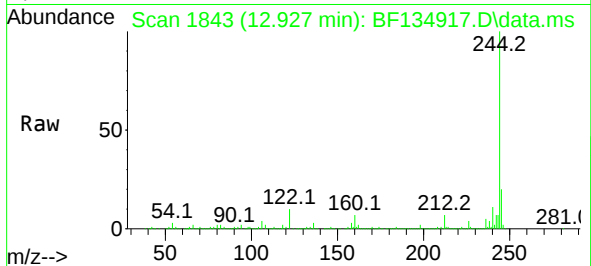
#79
 Terphenyl-d14
 Concen: 94.015 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.005 min
 Lab File: BF134917.D
 Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

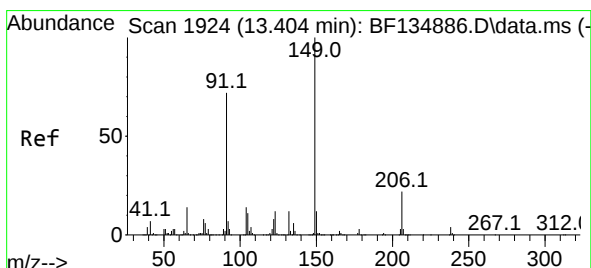
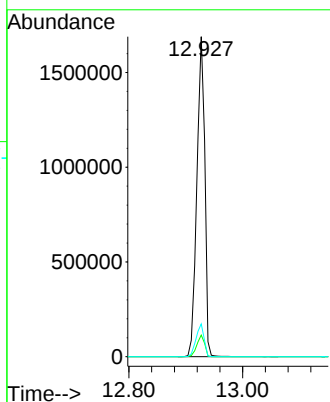
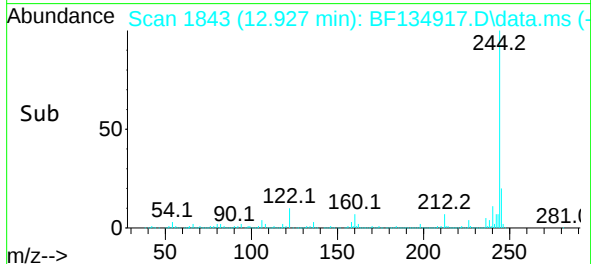


Tgt Ion:244 Resp: 165152
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.2 8.2 12.4

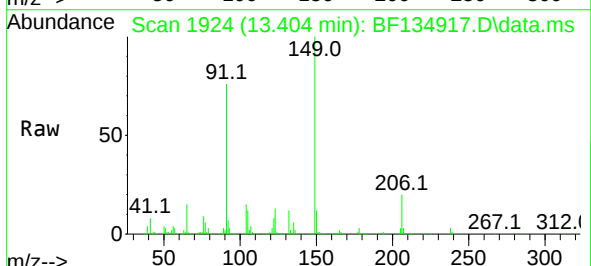
Manual Integrations

APPROVED

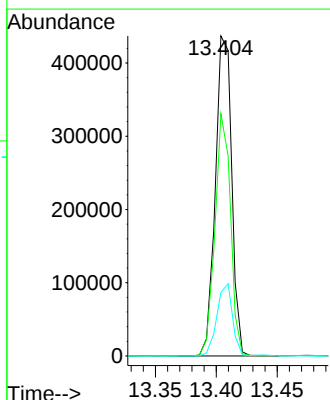
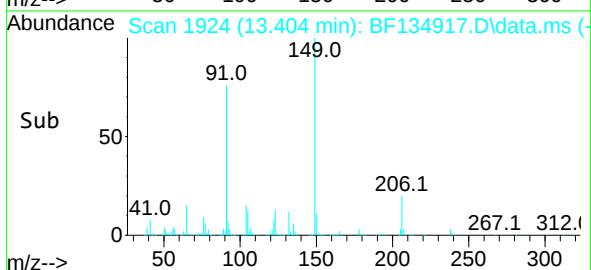
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

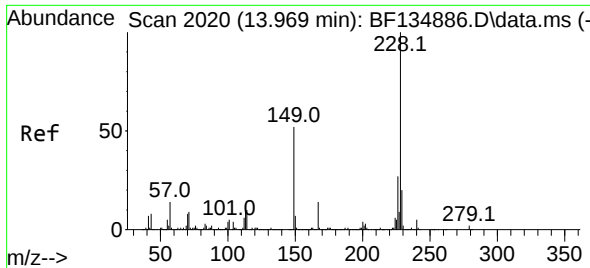


#80
 Butylbenzylphthalate
 Concen: 52.420 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF134917.D
 Acq: 24 Aug 2023 10:59



Tgt Ion:149 Resp: 409130
 Ion Ratio Lower Upper
 149 100
 91 75.7 57.2 85.8
 206 19.8 18.0 27.0





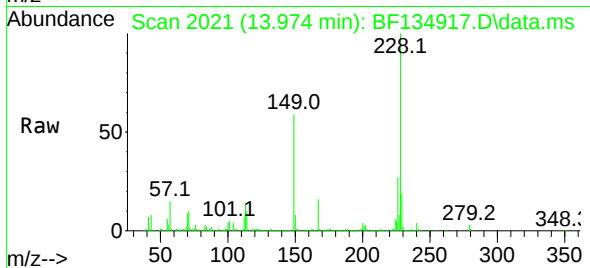
#81
Benzo(a)anthracene
Concen: 47.025 ng
RT: 13.974 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

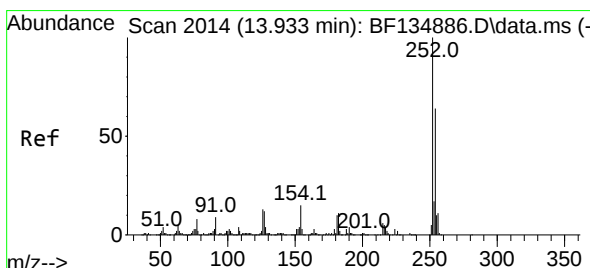
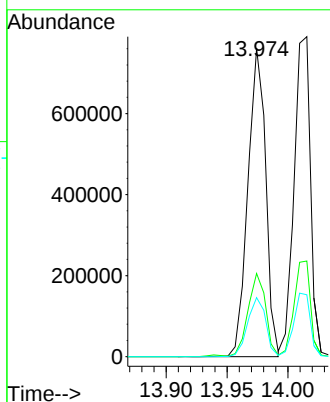
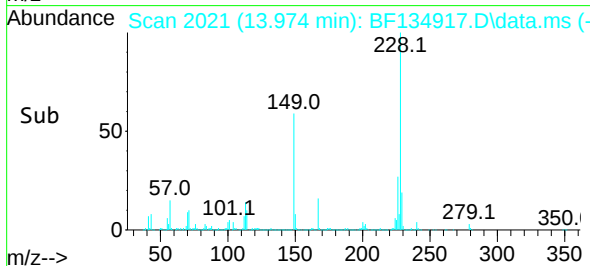


Tgt Ion:228 Resp: 77519
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 19.1 15.6 23.4

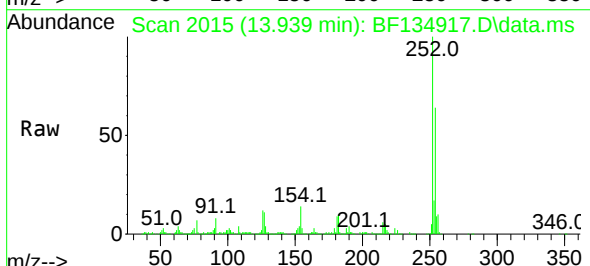
Manual Integrations

APPROVED

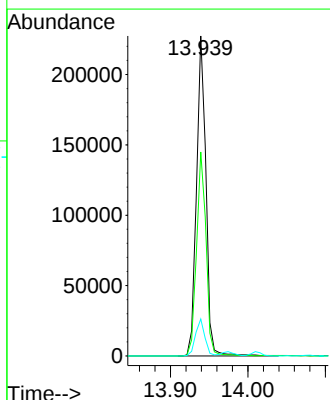
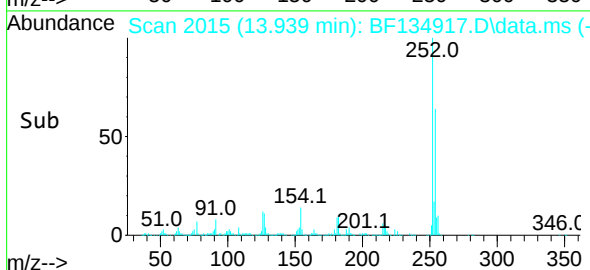
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

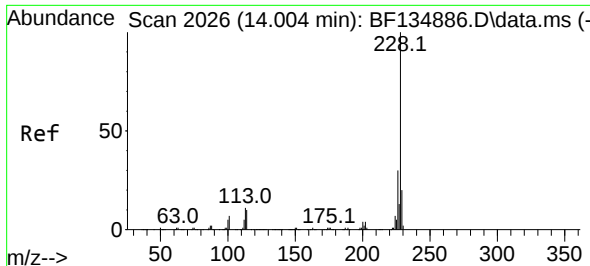


#82
3,3'-Dichlorobenzidine
Concen: 36.899 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59



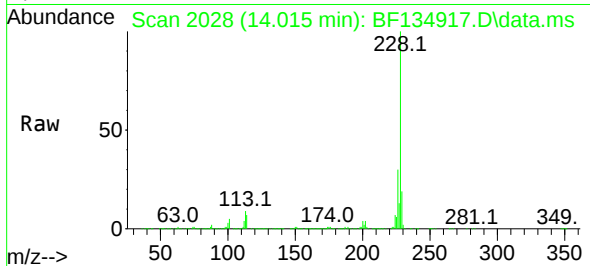
Tgt Ion:252 Resp: 192518
Ion Ratio Lower Upper
252 100
254 63.8 51.6 77.4
126 11.6 10.3 15.5





#83
Chrysene
Concen: 46.042 ng
RT: 14.015 min Scan# 2026
Delta R.T. 0.011 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

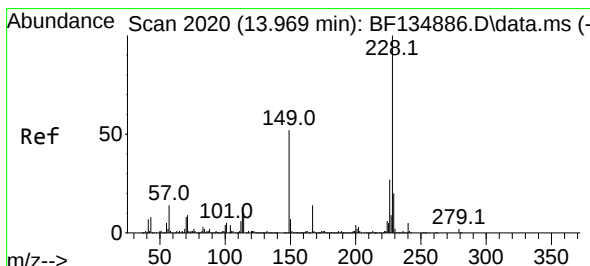
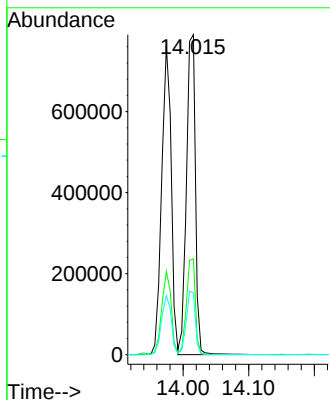
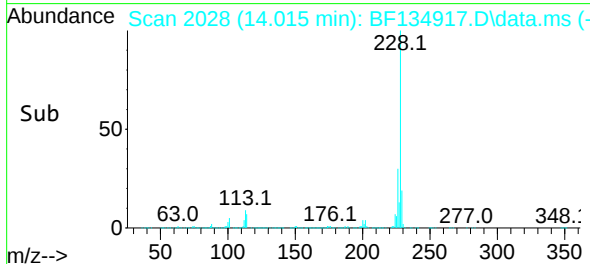
Instrument :
BNA_F
ClientSampleId :
PB154990BS



Tgt Ion:228 Resp: 748858
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.4 16.0 24.0

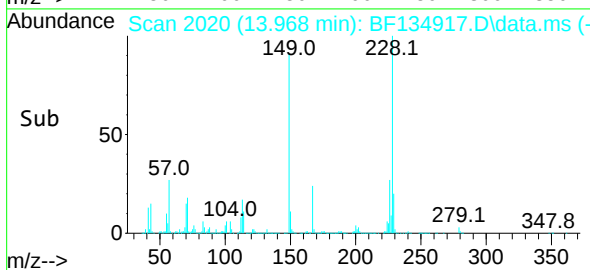
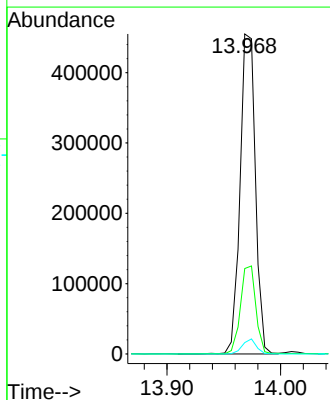
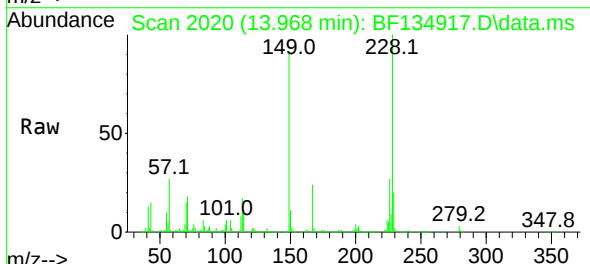
Manual Integrations
APPROVED

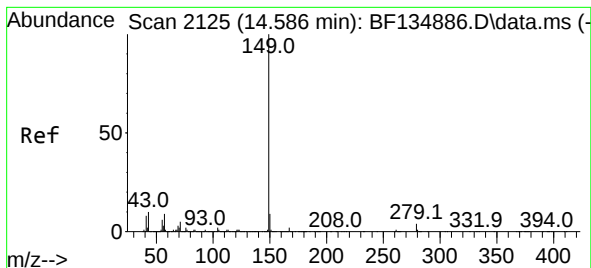
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.612 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:149 Resp: 427900
Ion Ratio Lower Upper
149 100
167 26.7 22.1 33.1
279 3.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.863 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB154990BS

Tgt Ion:149 Resp: 65986

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

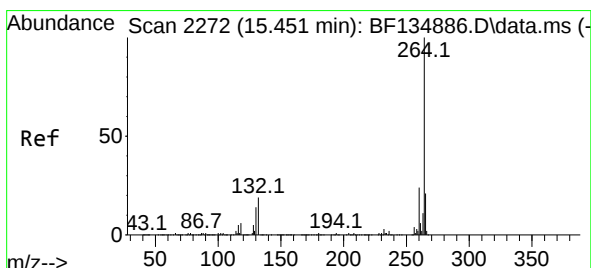
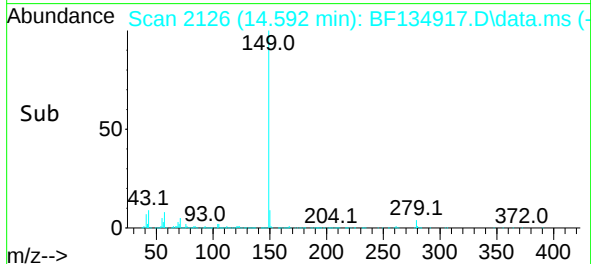
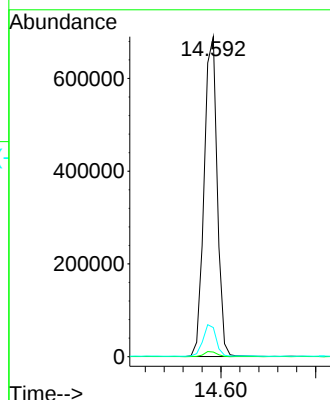
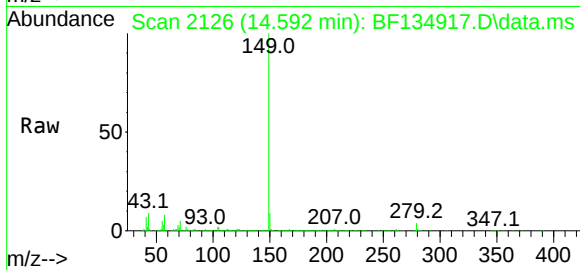
43 10.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF134917.D

Acq: 24 Aug 2023 10:59

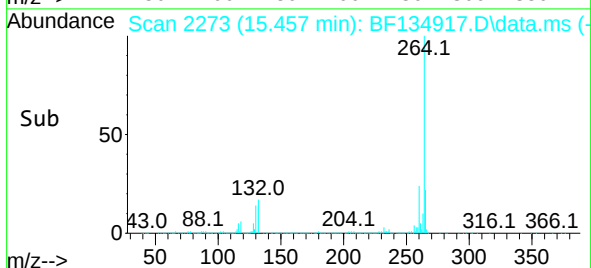
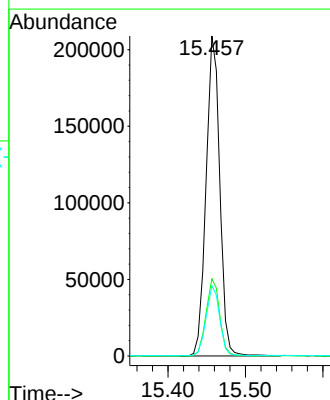
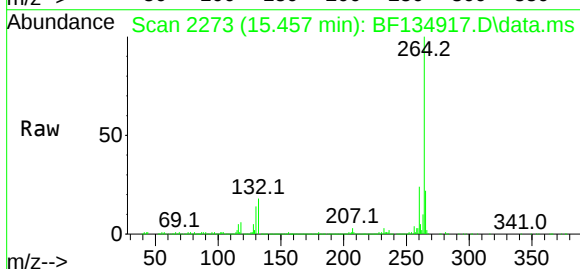
Tgt Ion:264 Resp: 256312

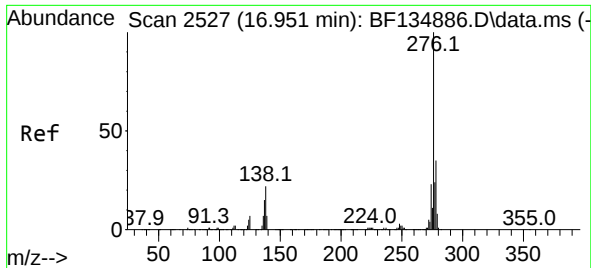
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.0 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.055 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

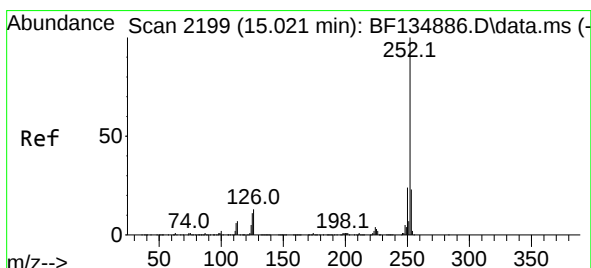
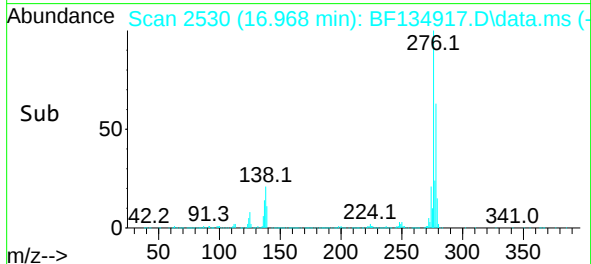
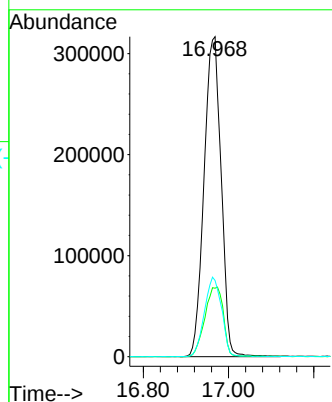
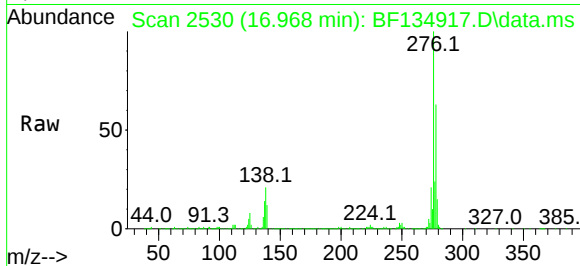
ClientSampleId :

PB154990BS

Tgt Ion:276 Resp: 880419
Ion Ratio Lower Upper
276 100
138 23.7 19.7 29.5
277 25.1 20.1 30.1

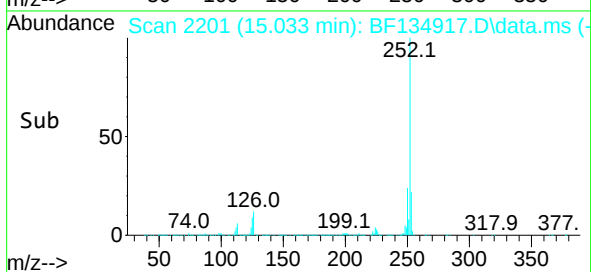
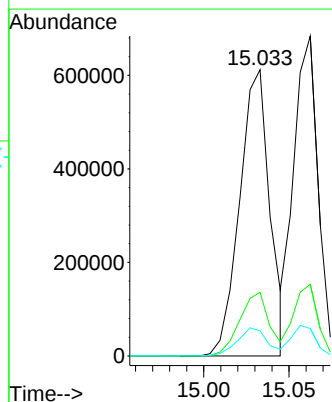
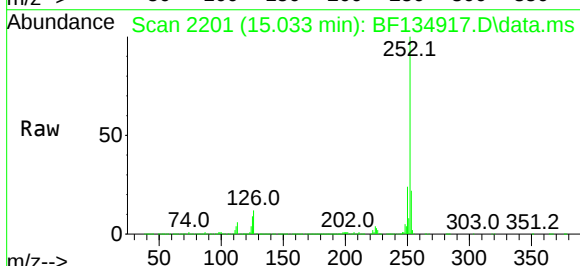
Manual Integrations
APPROVED

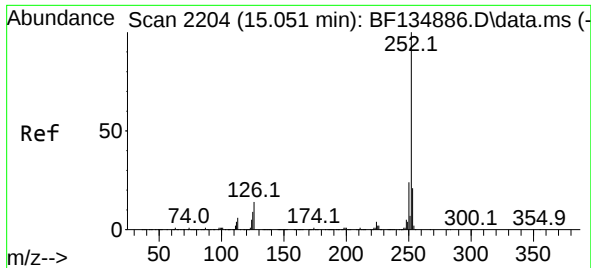
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#88
Benzo(b)fluoranthene
Concen: 52.208 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

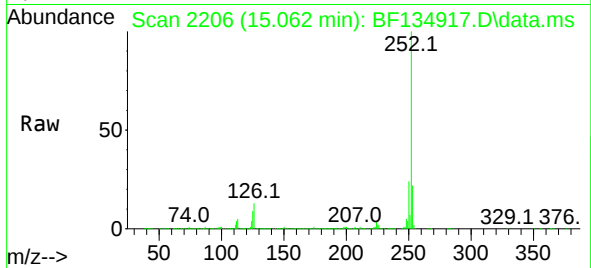
Tgt Ion:252 Resp: 754972
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.8 8.4 12.6





#89
Benzo(k)fluoranthene
Concen: 47.934 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

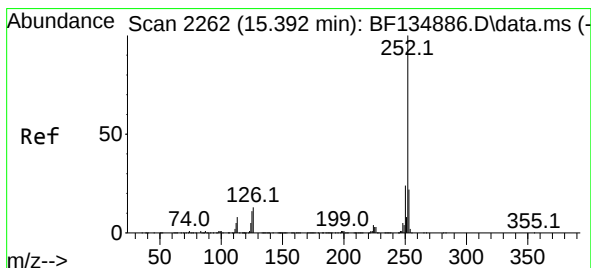
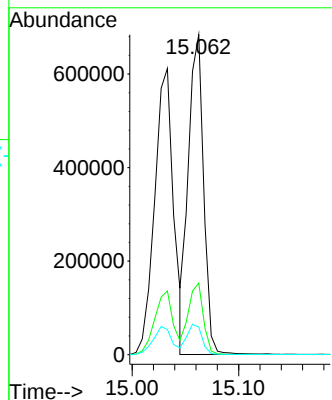
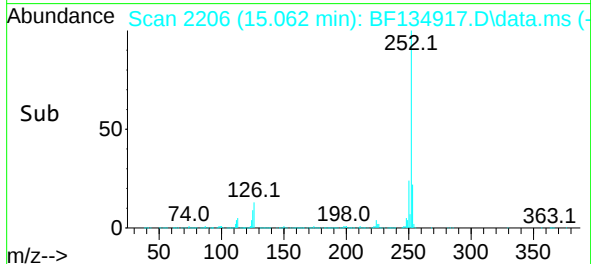
Instrument :
BNA_F
ClientSampleId :
PB154990BS



Tgt Ion:252 Resp: 680684
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 8.6 8.0 12.0

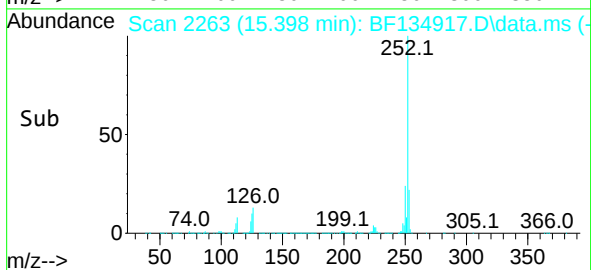
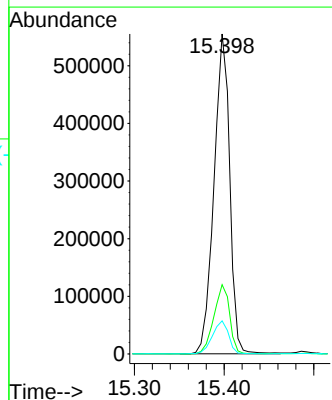
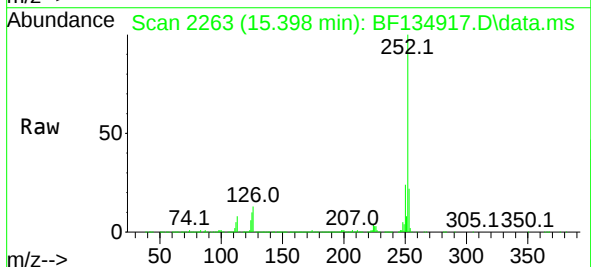
Manual Integrations
APPROVED

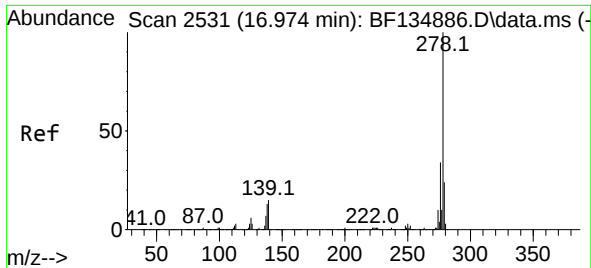
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#90
Benzo(a)pyrene
Concen: 46.763 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:252 Resp: 675073
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.3 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.986 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Instrument :

BNA_F

ClientSampleId :

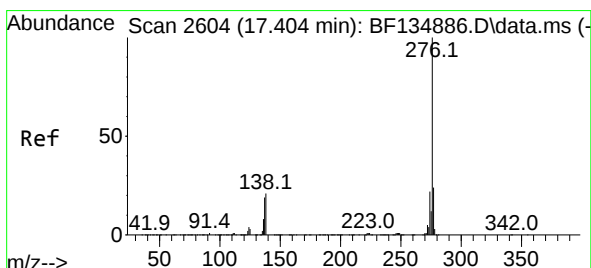
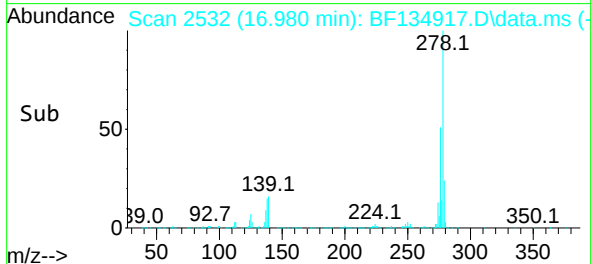
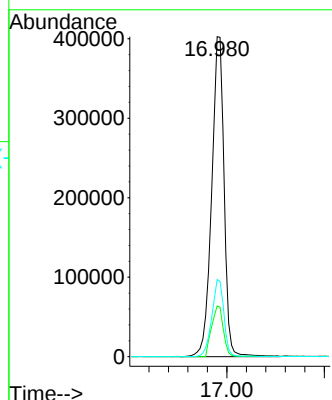
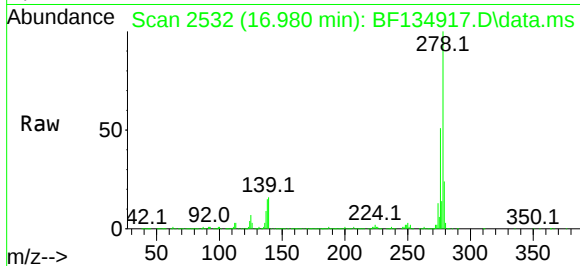
PB154990BS

Tgt Ion:278 Resp: 711339
Ion Ratio Lower Upper
278 100
139 15.9 12.2 18.4
279 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#92
Benzo(g,h,i)perylene
Concen: 45.601 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.018 min
Lab File: BF134917.D
Acq: 24 Aug 2023 10:59

Tgt Ion:276 Resp: 691992
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 20.9 17.0 25.6

