

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133985.D
 Acq On : 27 Jun 2023 11:35
 Operator : CG\JU
 Sample : PB153762BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153762BS

Quant Time: Jun 27 12:42:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	130381	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	516148	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	264686	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	439619	20.000	ng	0.00
76) Chrysene-d12	14.051	240	251678	20.000	ng	0.00
86) Perylene-d12	15.551	264	211890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	879699	112.864	ng	0.02
7) Phenol-d6	6.493	99	1099760	114.732	ng	0.00
23) Nitrobenzene-d5	7.416	82	645658	67.431	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	322414	97.153	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1233010	67.728	ng	0.00
79) Terphenyl-d14	12.986	244	1418405	90.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	120778	37.581	ng	98
3) Pyridine	3.505	79	240378	28.715	ng	97
4) n-Nitrosodimethylamine	3.463	42	183644	38.410	ng	98
6) Aniline	6.516	93	309728	26.553	ng	95
8) 2-Chlorophenol	6.640	128	359189	45.397	ng	95
9) Benzaldehyde	6.404	77	31717	3.994	ng	95
10) Phenol	6.504	94	428533	42.520	ng	94
11) bis(2-Chloroethyl)ether	6.593	93	326314	43.978	ng	97
12) 1,3-Dichlorobenzene	6.793	146	367112	43.521	ng	97
13) 1,4-Dichlorobenzene	6.869	146	375625	44.087	ng	99
14) 1,2-Dichlorobenzene	7.022	146	314855	39.459	ng	98
15) Benzyl Alcohol	6.998	79	281708	38.123	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	480081	36.573	ng	99
17) 2-Methylphenol	7.110	107	261976	36.975	ng	97
18) Hexachloroethane	7.357	117	123117	38.972	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	217534	35.786	ng	98
20) 3+4-Methylphenols	7.263	107	311752	36.269	ng	98
22) Acetophenone	7.263	105	431672	36.774	ng	99
24) Nitrobenzene	7.440	77	341389	35.283	ng	98
25) Isophorone	7.675	82	618087	35.518	ng	99
26) 2-Nitrophenol	7.751	139	174506	37.595	ng	95
27) 2,4-Dimethylphenol	7.787	122	280858	38.225	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	360111	35.738	ng	99
29) 2,4-Dichlorophenol	7.992	162	276578	37.961	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	285256	37.944	ng	100
31) Naphthalene	8.157	128	1004410	40.287	ng	100
32) Benzoic acid	7.922	122	223611	40.615	ng	95
33) 4-Chloroaniline	8.204	127	104196	9.770	ng	94
34) Hexachlorobutadiene	8.269	225	194508	41.016	ng	99
35) Caprolactam	8.587	113	106231m	44.282	ng	
36) 4-Chloro-3-methylphenol	8.692	107	349258	42.671	ng	99
37) 2-Methylnaphthalene	8.845	142	604382	34.280	ng	99
38) 1-Methylnaphthalene	8.945	142	556765	33.969	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	289003	36.854	ng	98
41) Hexachlorocyclopentadiene	8.998	237	317027	85.216	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	198312	37.150	ng	98

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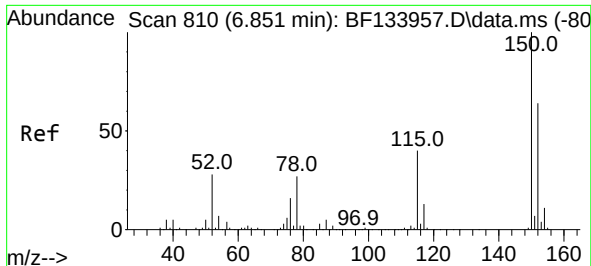
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	217753	34.678	ng	95
46) 1,1'-Biphenyl	9.316	154	798579	37.612	ng	98
47) 2-Chloronaphthalene	9.339	162	597207	38.443	ng	99
48) 2-Nitroaniline	9.439	65	230227	40.664	ng	92
49) Acenaphthylene	9.757	152	1048899	39.525	ng	99
50) Dimethylphthalate	9.616	163	755848	39.339	ng	99
51) 2,6-Dinitrotoluene	9.681	165	173903	42.023	ng	91
52) Acenaphthene	9.928	154	613045	39.812	ng	99
53) 3-Nitroaniline	9.851	138	98619	19.864	ng	95
54) 2,4-Dinitrophenol	9.963	184	195254	81.618	ng	96
55) Dibenzofuran	10.104	168	801171	33.292	ng	100
56) 4-Nitrophenol	10.022	139	239854	69.069	ng	94
57) 2,4-Dinitrotoluene	10.092	165	192226	35.173	ng	95
58) Fluorene	10.445	166	630589	33.681	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	176159m	35.566	ng	
60) Diethylphthalate	10.322	149	682375	34.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	299788	33.226	ng	98
62) 4-Nitroaniline	10.475	138	161021	32.183	ng	96
63) Azobenzene	10.598	77	636251	33.602	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	113254	47.253	ng	80
66) n-Nitrosodiphenylamine	10.557	169	569476	40.544	ng	100
67) 4-Bromophenyl-phenylether	10.928	248	190474	40.764	ng	93
68) Hexachlorobenzene	10.992	284	218439	44.029	ng	94
69) Atrazine	11.092	200	170693	43.934	ng	95
70) Pentachlorophenol	11.192	266	229918	77.507	ng	99
71) Phenanthrene	11.416	178	918063	41.483	ng	99
72) Anthracene	11.463	178	948139	41.190	ng	100
73) Carbazole	11.622	167	891843	42.329	ng	98
74) Di-n-butylphthalate	11.951	149	1060736	42.336	ng	99
75) Fluoranthene	12.610	202	1016594	42.489	ng	98
77) Benzidine	12.733	184	121837	20.345	ng	99
78) Pyrene	12.839	202	1029887	43.971	ng	99
80) Butylbenzylphthalate	13.463	149	417024	47.473	ng	98
81) Benzo(a)anthracene	14.039	228	723455	41.448	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	149822	27.093	ng	99
83) Chrysene	14.074	228	679989	40.223	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	509736	50.500	ng	99
85) Di-n-octyl phthalate	14.645	149	679116	45.789	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	682835	46.442	ng	98
88) Benzo(b)fluoranthene	15.104	252	581061	46.637	ng	99
89) Benzo(k)fluoranthene	15.139	252	558668	44.040	ng	98
90) Benzo(a)pyrene	15.486	252	508071	42.171	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	554217	46.149	ng	98
92) Benzo(g,h,i)perylene	17.580	276	559995	45.218	ng	97

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



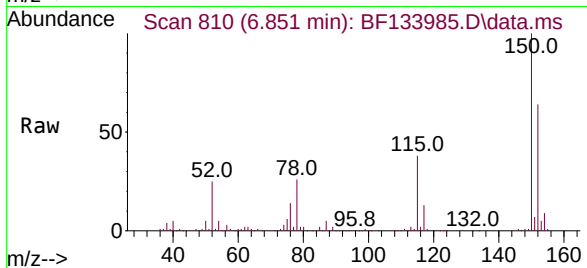
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

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PB153762BS

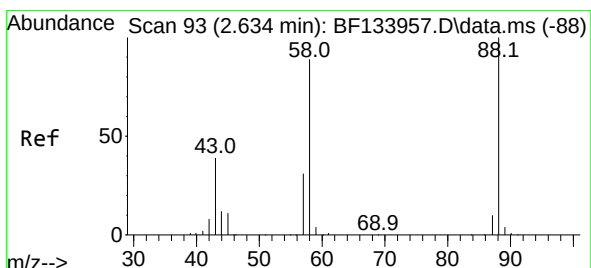
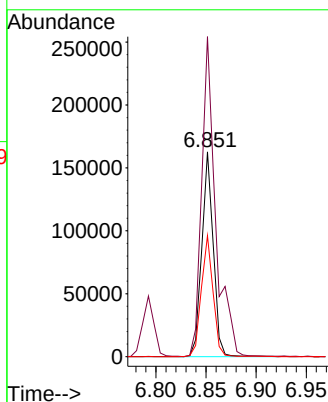
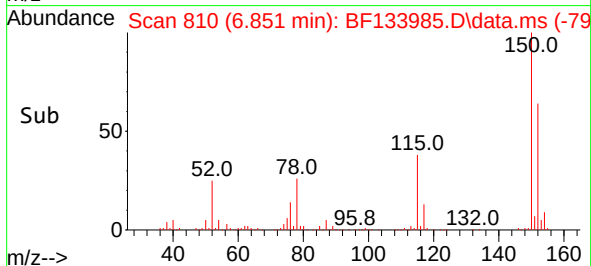


Tgt Ion:152 Resp: 13038
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.5 186.7
 115 59.1 50.2 75.2

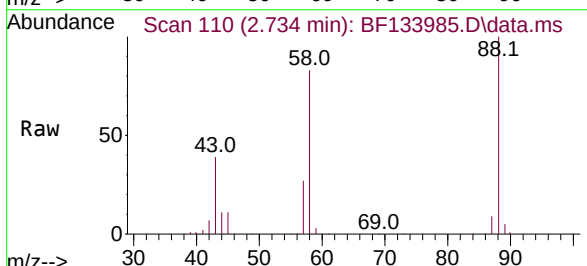
Manual Integrations

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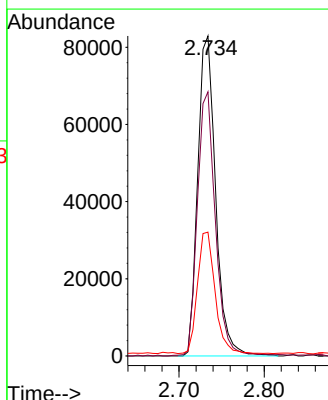
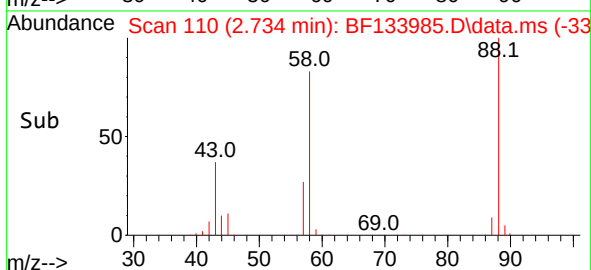
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023

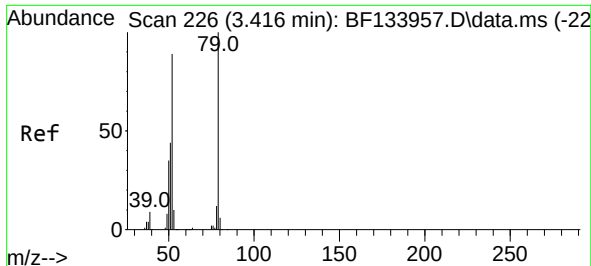


#2
 1,4-Dioxane
 Concen: 37.581 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.100 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35



Tgt Ion: 88 Resp: 120778
 Ion Ratio Lower Upper
 88 100
 58 83.4 68.8 103.2
 43 37.4 30.7 46.1





#3

Pyridine

Concen: 28.715 ng

RT: 3.505 min Scan# 241

Delta R.T. 0.088 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

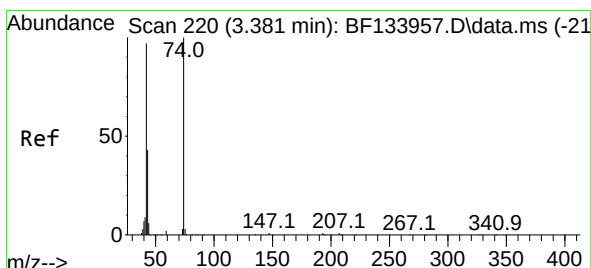
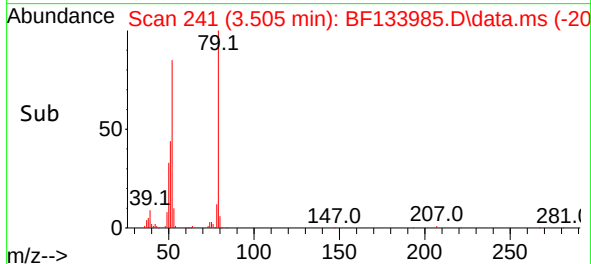
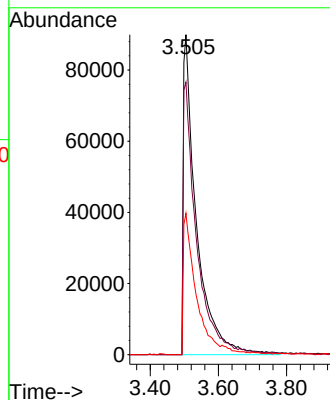
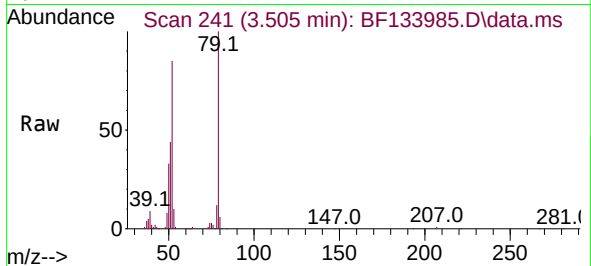
Tgt Ion: 79 Resp: 240378
 Ion Ratio Lower Upper
 79 100
 52 85.2 71.1 106.7
 51 44.2 35.2 52.8

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#4

n-Nitrosodimethylamine

Concen: 38.410 ng

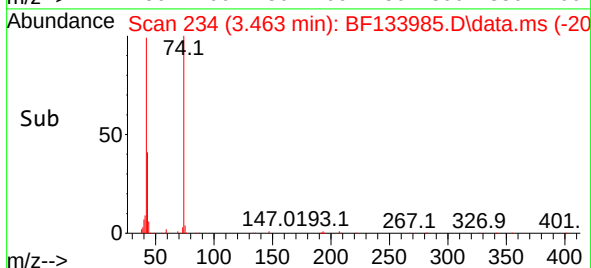
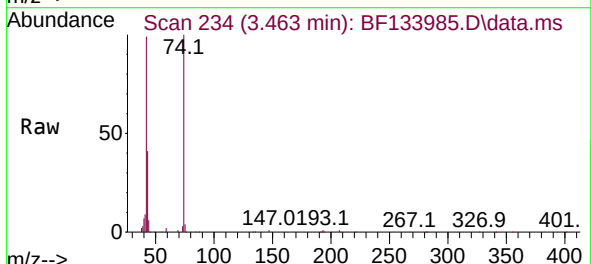
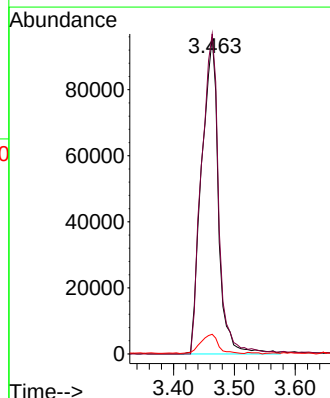
RT: 3.463 min Scan# 234

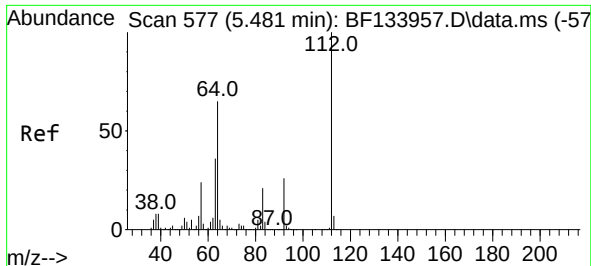
Delta R.T. 0.083 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Tgt Ion: 42 Resp: 183644
 Ion Ratio Lower Upper
 42 100
 74 100.9 82.4 123.6
 44 6.2 4.9 7.3





#5
2-Fluorophenol
Concen: 112.864 ng
RT: 5.498 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

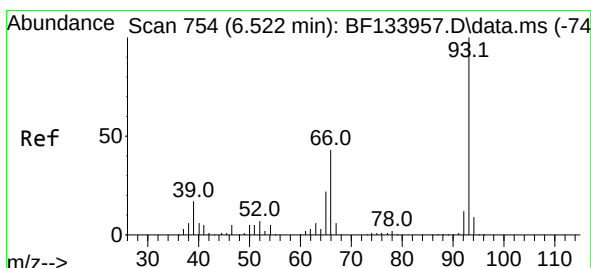
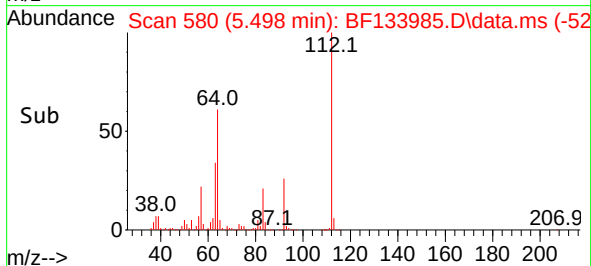
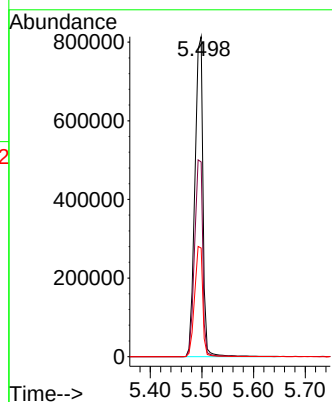
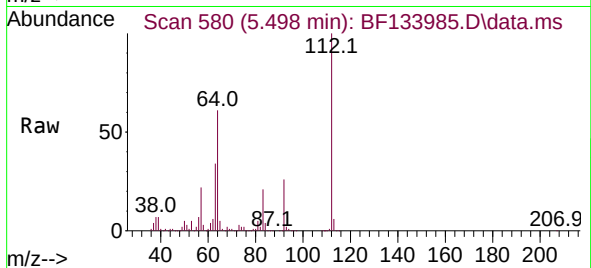
ClientSampleId :

PB153762BS

Tgt Ion:112 Resp: 879699
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.0 28.6 42.8

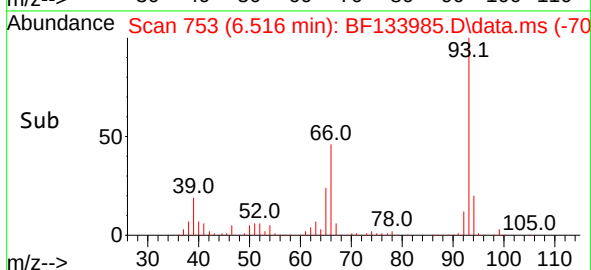
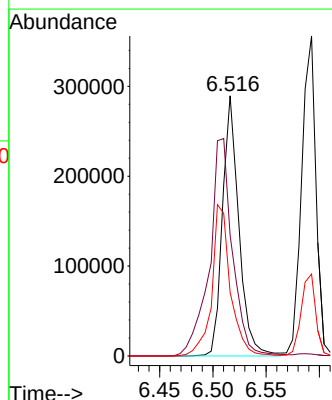
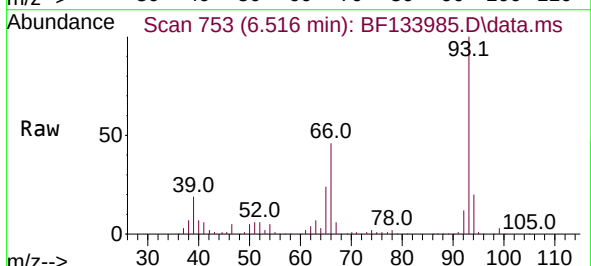
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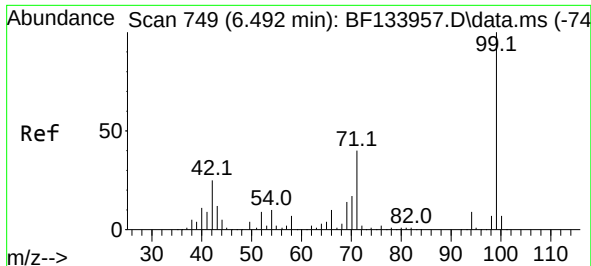
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#6
Aniline
Concen: 26.553 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

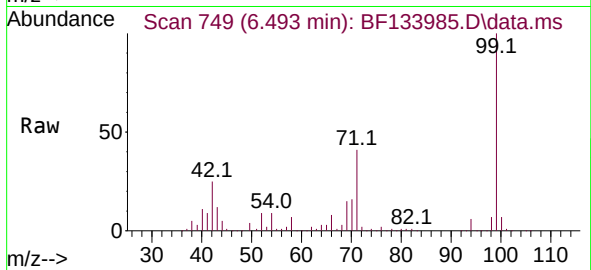
Tgt Ion: 93 Resp: 309728
Ion Ratio Lower Upper
93 100
66 46.4 34.5 51.7
65 24.4 17.8 26.6





#7
Phenol-d6
Concen: 114.732 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

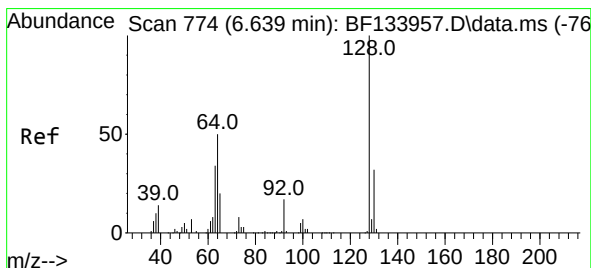
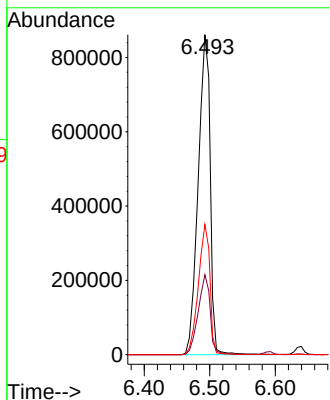
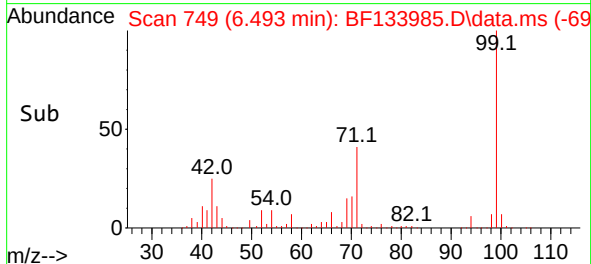
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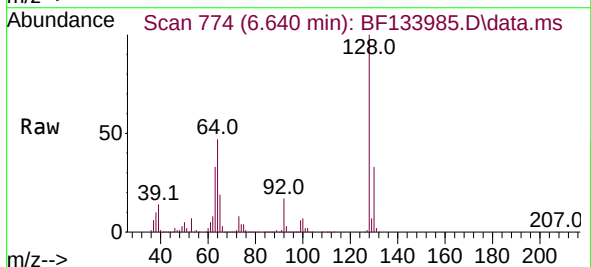
Tgt Ion: 99 Resp: 1099760
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 40.7 31.9 47.9

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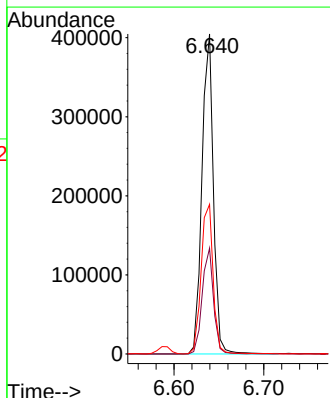
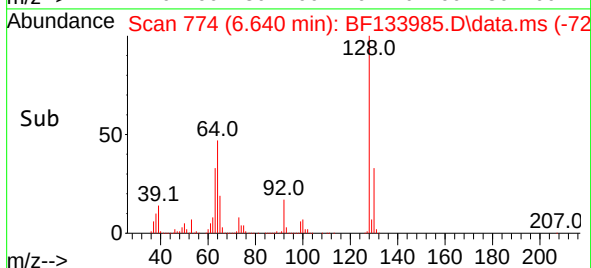
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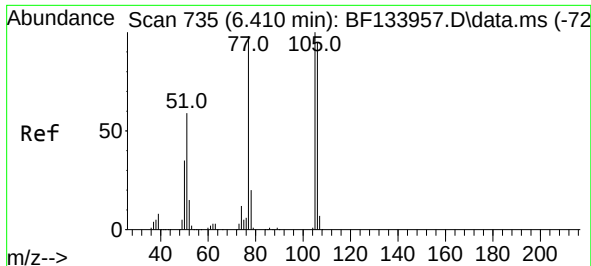


#8
2-Chlorophenol
Concen: 45.397 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:128 Resp: 359189
Ion Ratio Lower Upper
128 100
130 33.1 11.7 51.7
64 46.8 31.3 71.3





#9

Benzaldehyde

Concen: 3.994 ng

RT: 6.404 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF133985.D

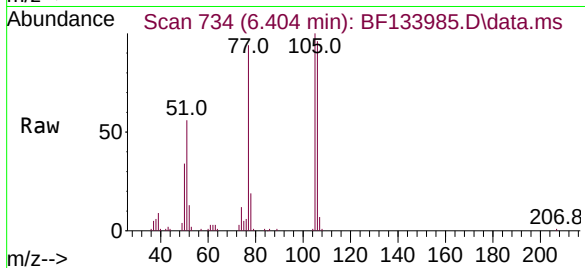
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BNA_F

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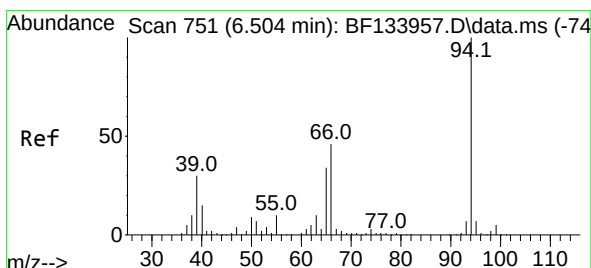
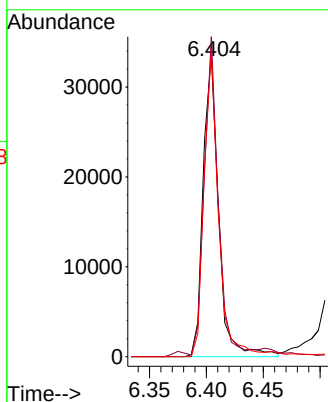
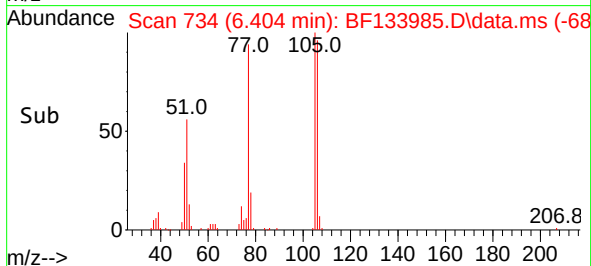
PB153762BS



Tgt Ion: 77	Resp: 3171
Ion Ratio	Lower Upper
77 100	
105 106.1	82.0 122.0
106 101.9	76.9 116.9

Manual Integrations
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#10

Phenol

Concen: 42.520 ng

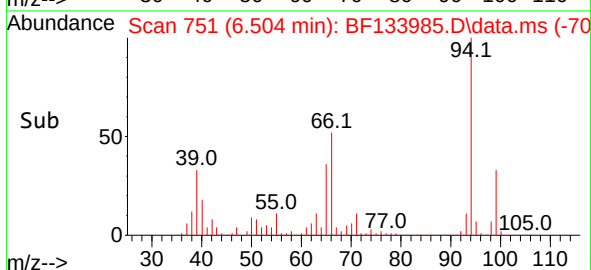
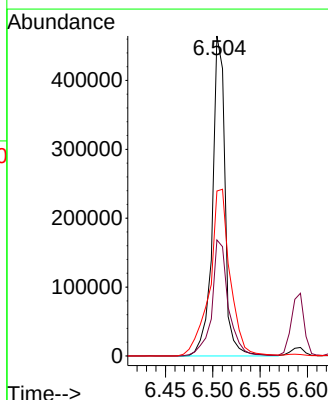
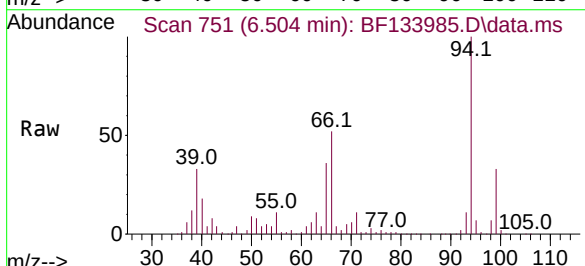
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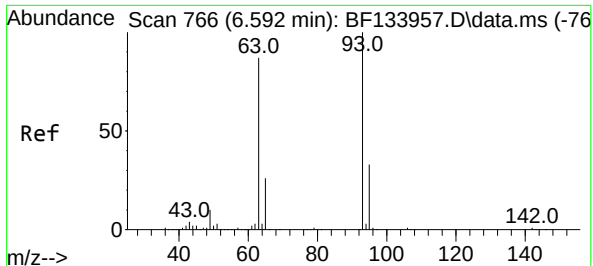
Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Tgt Ion: 94	Resp: 428533
Ion Ratio	Lower Upper
94 100	
65 36.3	14.2 54.2
66 51.6	26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 43.978 ng

RT: 6.593 min Scan# 766

Delta R.T. 0.001 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

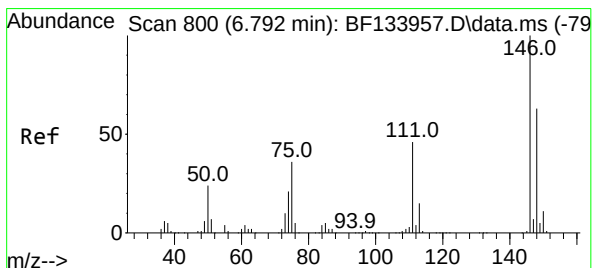
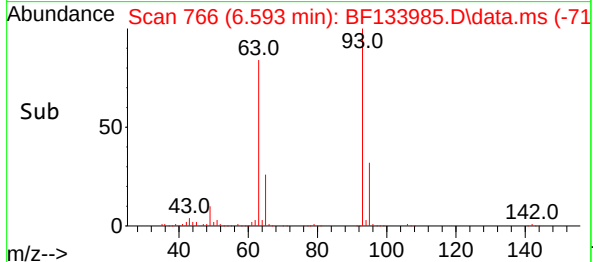
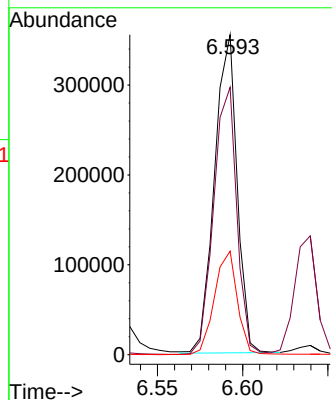
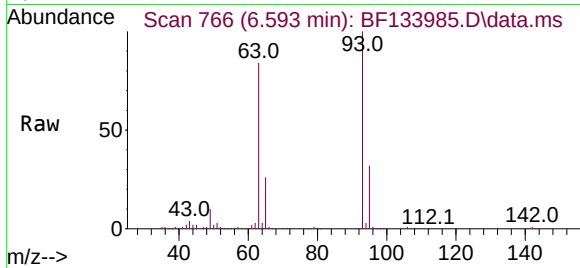
PB153762BS

Tgt Ion: 93	Resp: 326314
Ion Ratio	Lower Upper
93 100	
63 83.5	66.5 106.5
95 32.4	12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#12

1,3-Dichlorobenzene

Concen: 43.521 ng

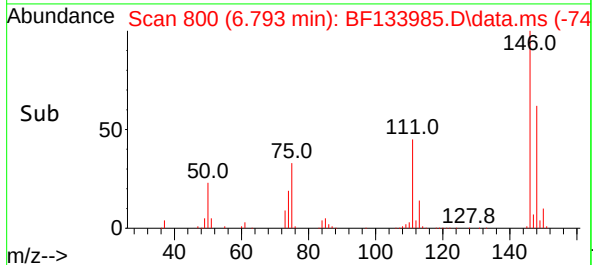
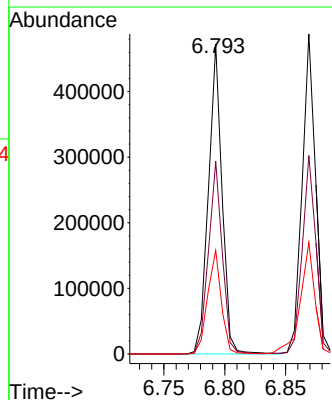
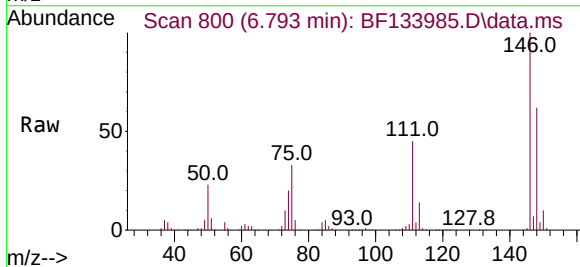
RT: 6.793 min Scan# 800

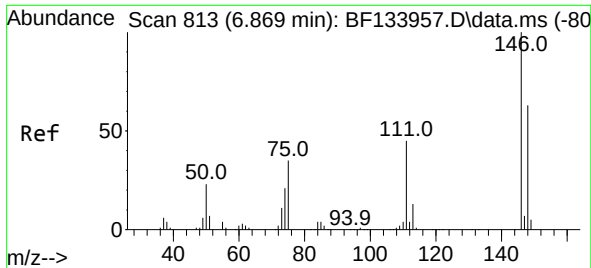
Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Tgt Ion:146	Resp: 367112
Ion Ratio	Lower Upper
146 100	
148 62.2	50.5 75.7
75 33.5	29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 44.087 ng

RT: 6.869 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:146 Resp: 37562

Ion Ratio Lower Upper

146 100

148 62.0 50.2 75.2

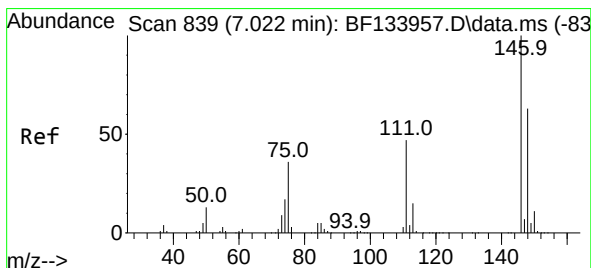
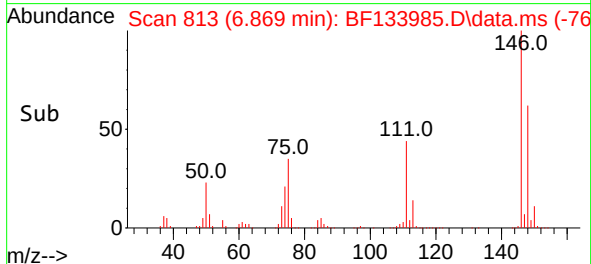
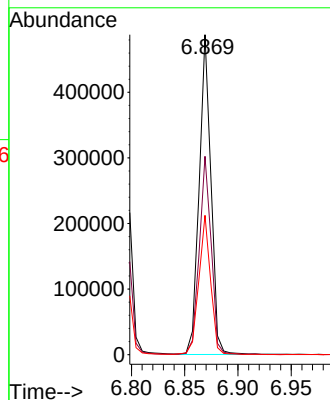
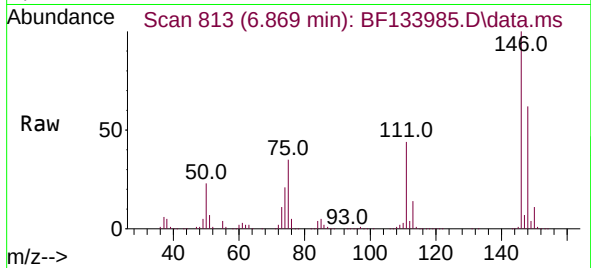
111 43.5 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#14

1,2-Dichlorobenzene

Concen: 39.459 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

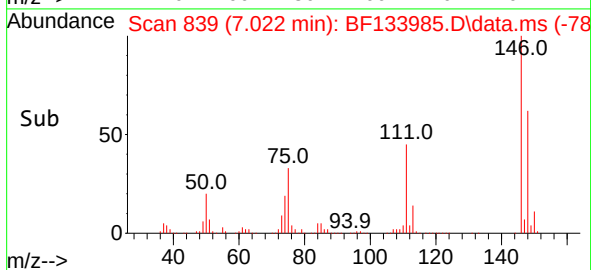
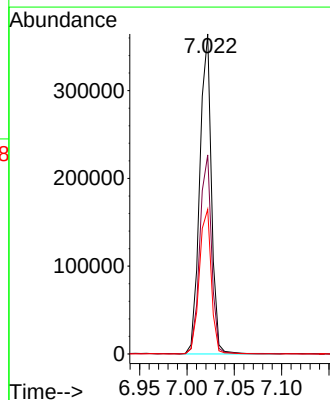
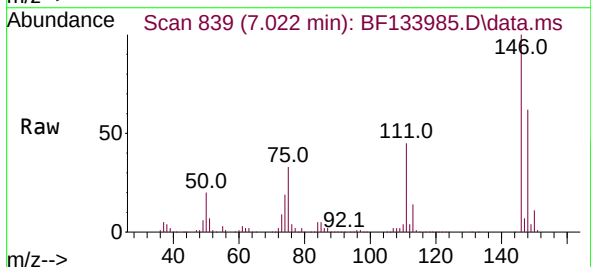
Tgt Ion:146 Resp: 314855

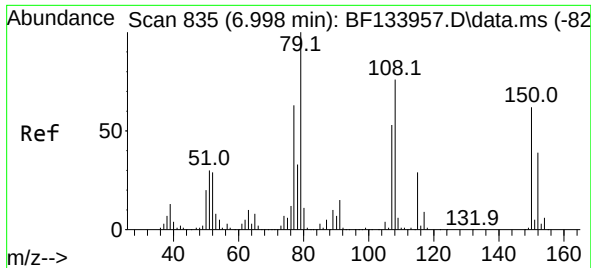
Ion Ratio Lower Upper

146 100

148 62.2 50.6 76.0

111 45.2 38.0 57.0





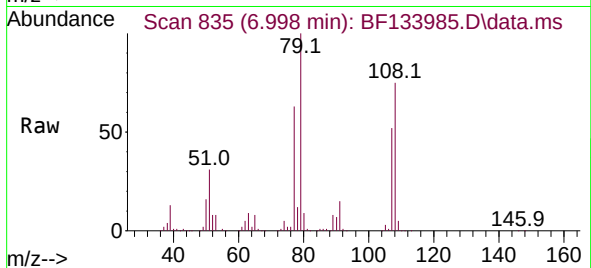
#15
Benzyl Alcohol
Concen: 38.123 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

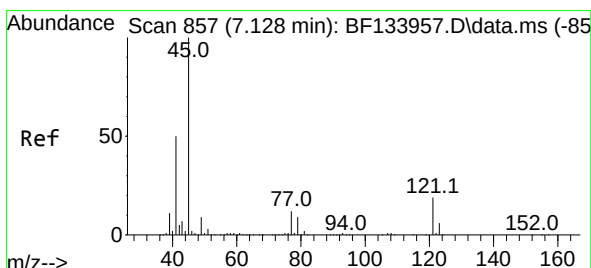
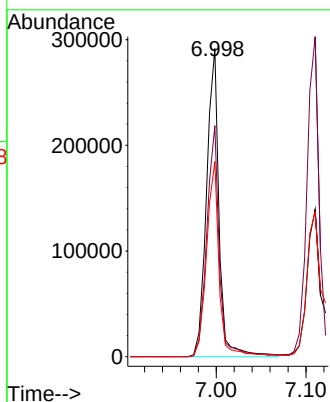
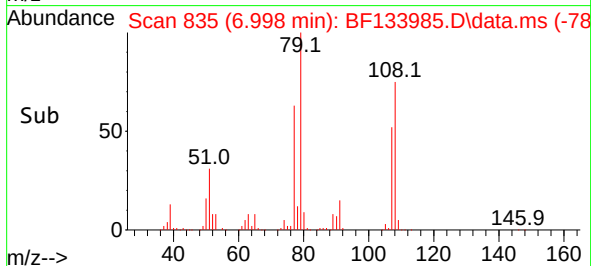


Tgt Ion: 79 Resp: 281708
Ion Ratio Lower Upper
79 100
108 74.9 60.7 91.1
77 63.3 50.6 75.8

Manual Integrations

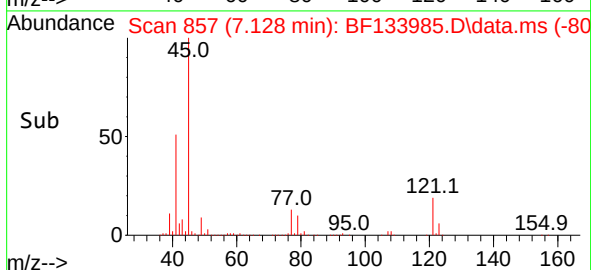
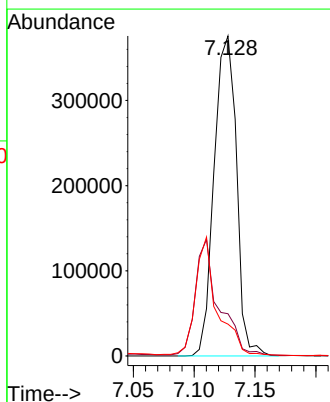
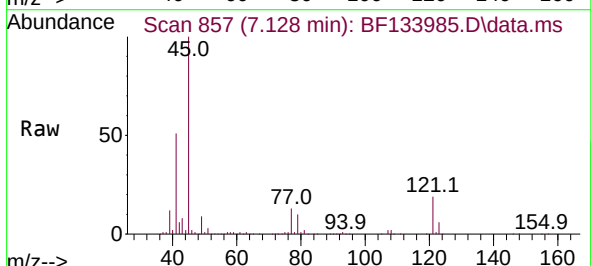
APPROVED

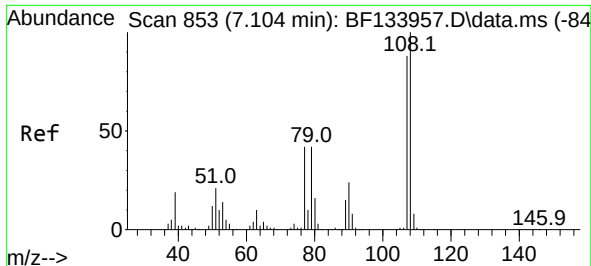
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.573 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion: 45 Resp: 480081
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.9
79 10.0 0.0 29.5





#17
2-Methylphenol
Concen: 36.975 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

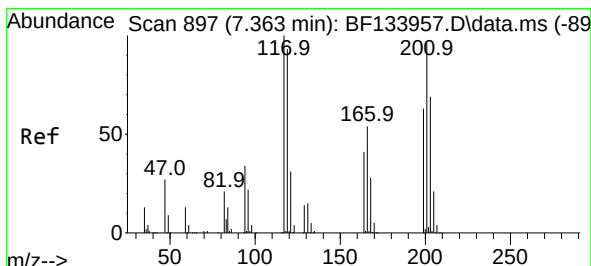
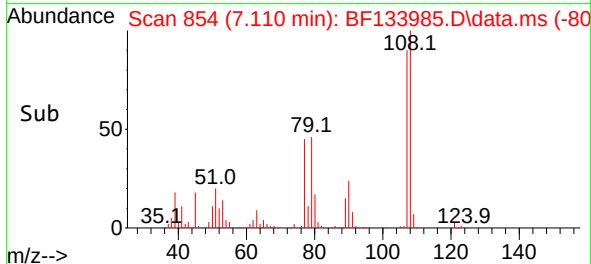
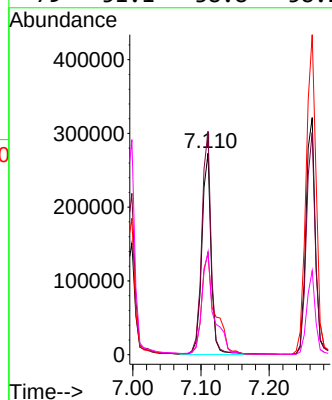
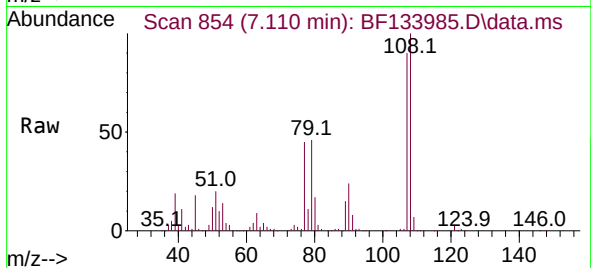
PB153762BS

Tgt Ion:107 Resp: 261970
Ion Ratio Lower Upper
107 100
108 110.9 90.6 136.0
77 50.1 38.3 57.5
79 51.1 38.8 58.2

Manual Integrations

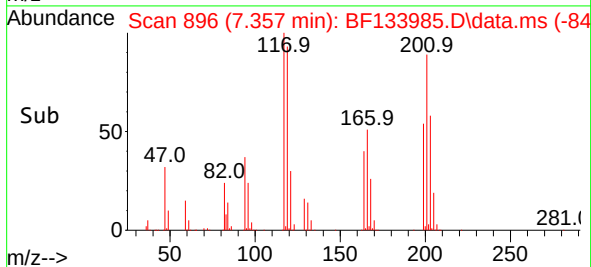
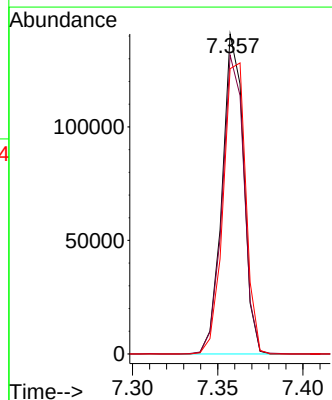
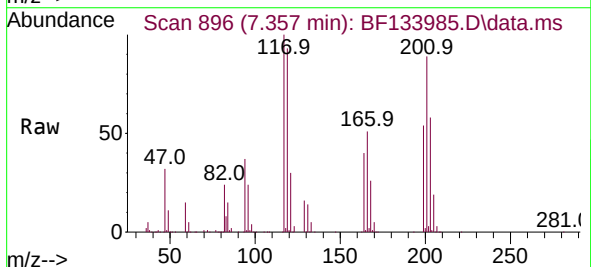
APPROVED

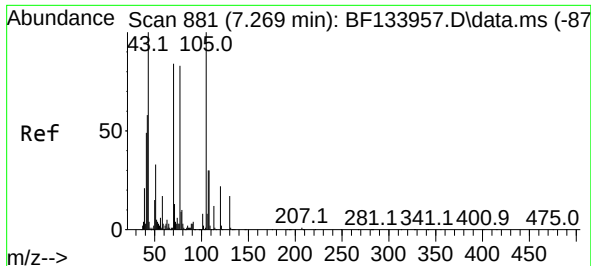
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#18
Hexachloroethane
Concen: 38.972 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion:117 Resp: 123117
Ion Ratio Lower Upper
117 100
119 93.4 74.2 111.4
201 89.1 77.2 115.8





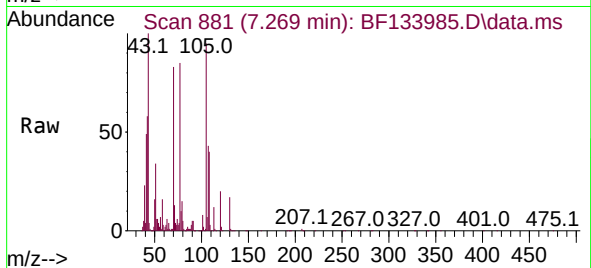
#19
n-Nitroso-di-n-propylamine
Concen: 35.786 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

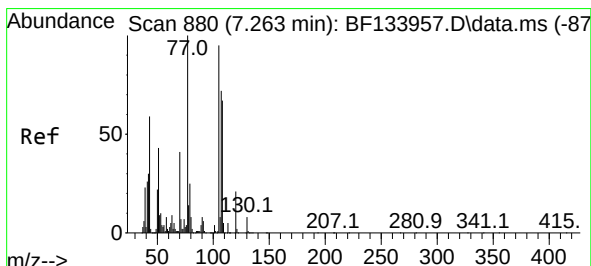
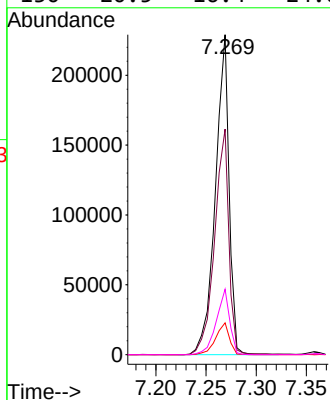
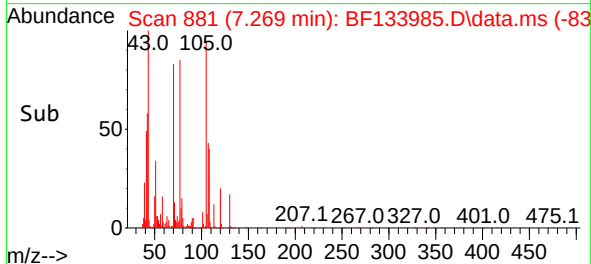
PB153762BS



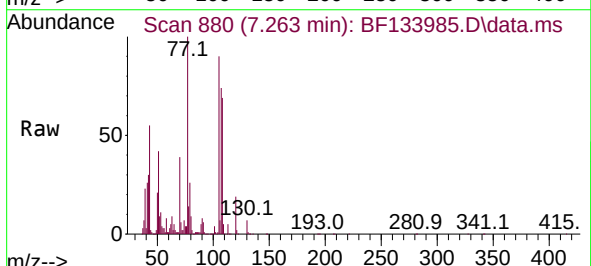
Tgt Ion: 70 Resp: 217534
Ion Ratio Lower Upper
70 100
42 70.5 54.7 82.1
101 9.9 7.7 11.5
130 20.5 16.4 24.6

Manual Integrations
APPROVED

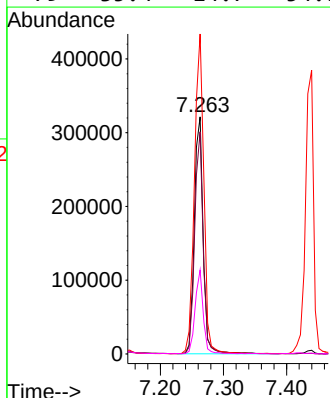
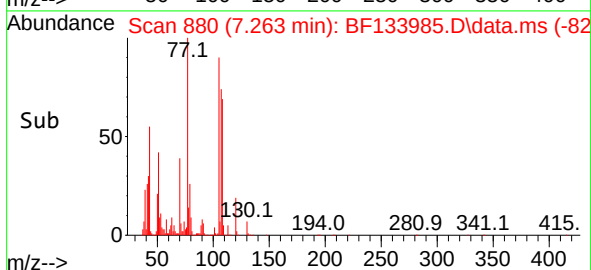
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

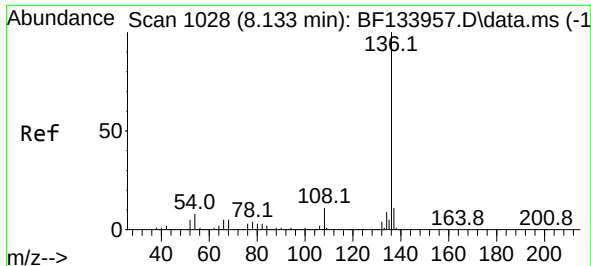


#20
3+4-Methylphenols
Concen: 36.269 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:107 Resp: 311752
Ion Ratio Lower Upper
107 100
108 93.7 73.2 113.2
77 135.0 118.3 158.3
79 35.4 14.7 54.7





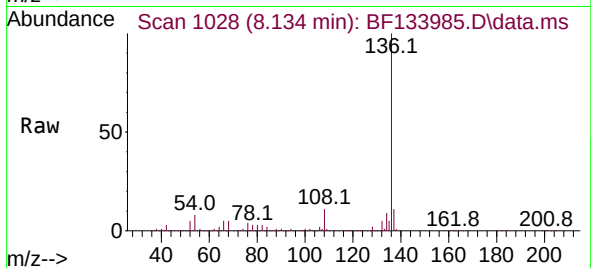
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

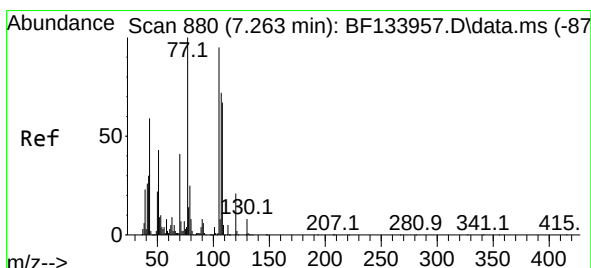
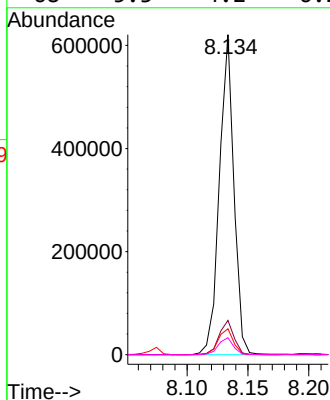
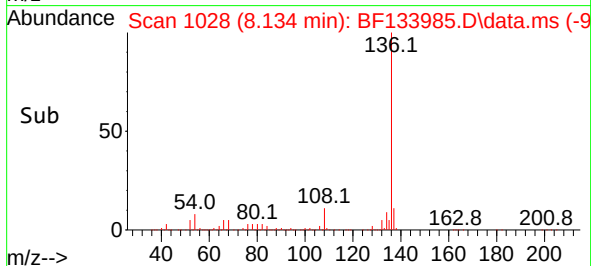


Tgt Ion:136 Resp: 51614
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.1 6.5 9.7
68 5.3 4.2 6.2

Manual Integrations

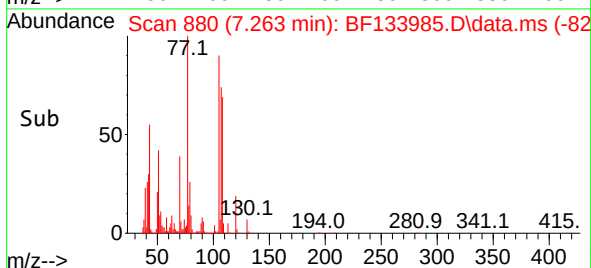
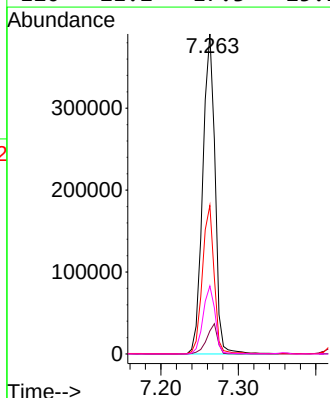
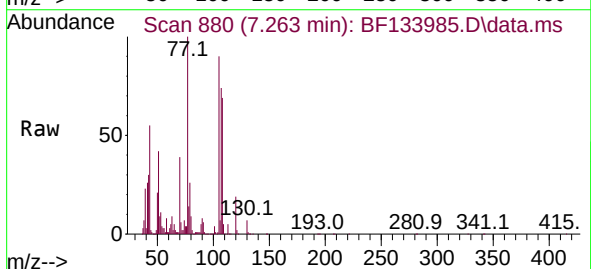
APPROVED

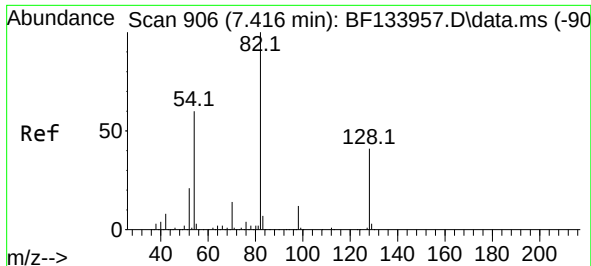
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#22
Acetophenone
Concen: 36.774 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion:105 Resp: 431672
Ion Ratio Lower Upper
105 100
71 7.2 5.5 8.3
51 46.4 36.5 54.7
120 21.2 17.3 25.9





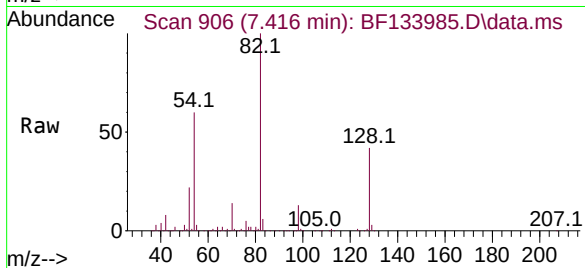
#23
Nitrobenzene-d5
Concen: 67.431 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

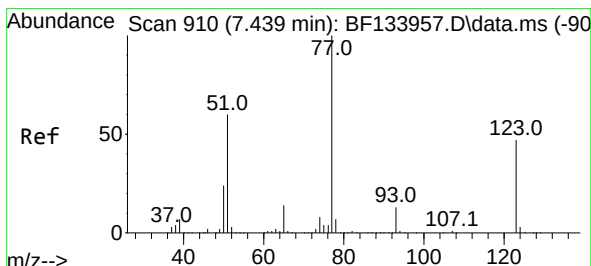
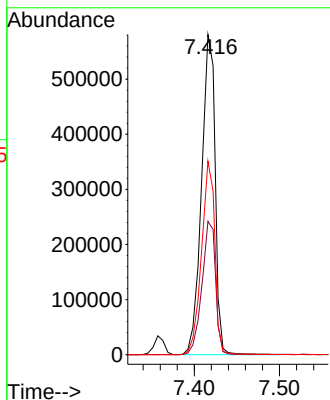
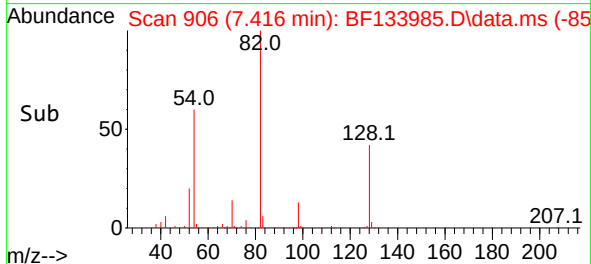
PB153762BS



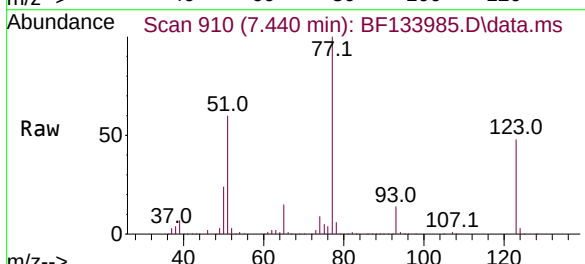
Tgt Ion: 82 Resp: 645658
Ion Ratio Lower Upper
82 100
128 41.7 32.5 48.7
54 60.5 48.2 72.2

Manual Integrations
APPROVED

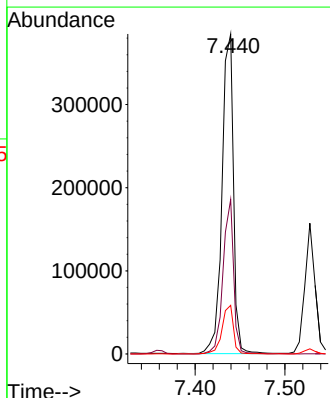
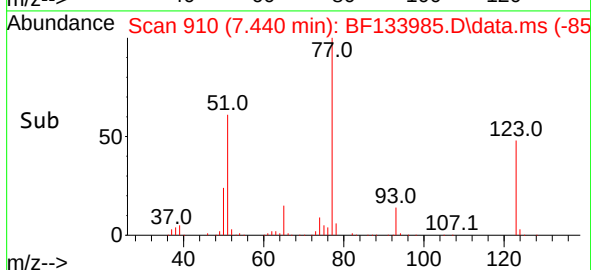
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

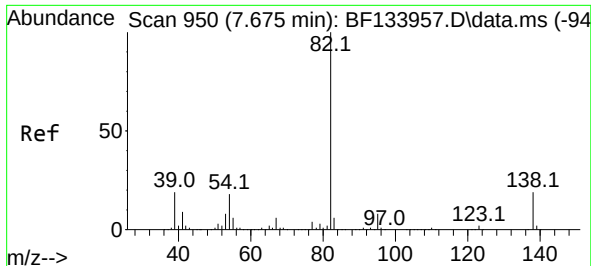


#24
Nitrobenzene
Concen: 35.283 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion: 77 Resp: 341389
Ion Ratio Lower Upper
77 100
123 48.3 37.8 56.6
65 15.2 11.3 16.9





#25
Isophorone
Concen: 35.518 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

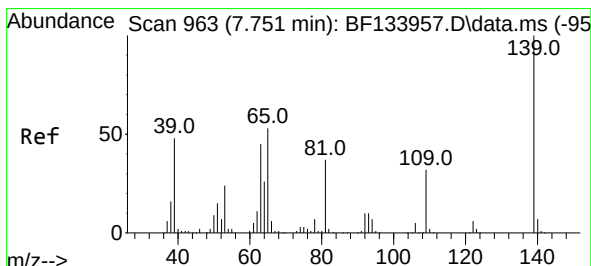
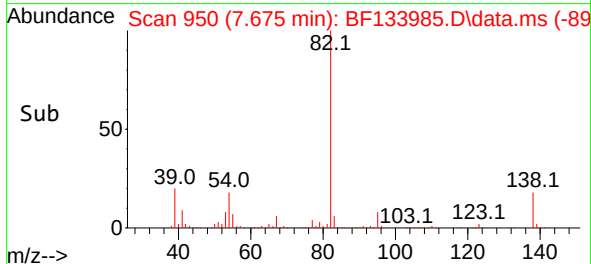
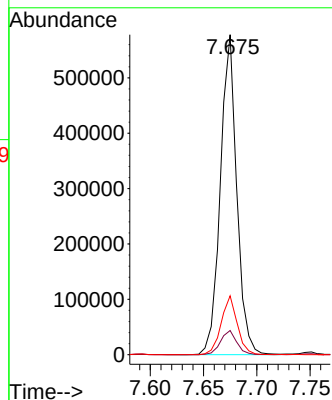
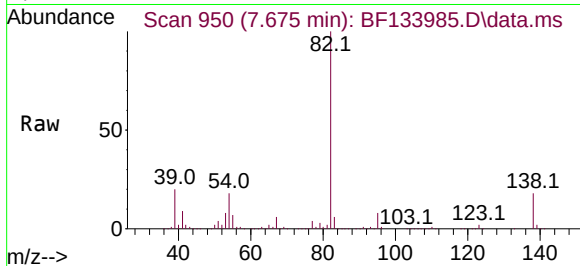
ClientSampleId :

PB153762BS

Tgt Ion: 82 Resp: 61808
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 18.4 15.2 22.8

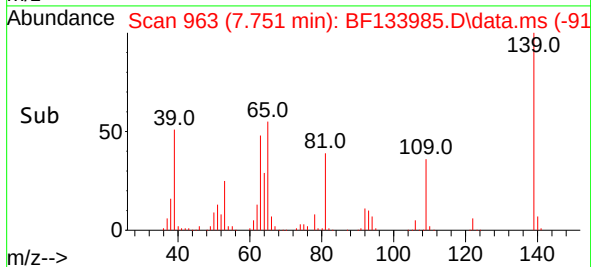
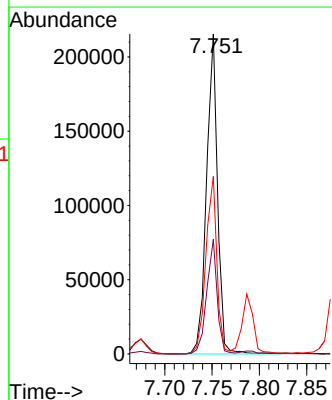
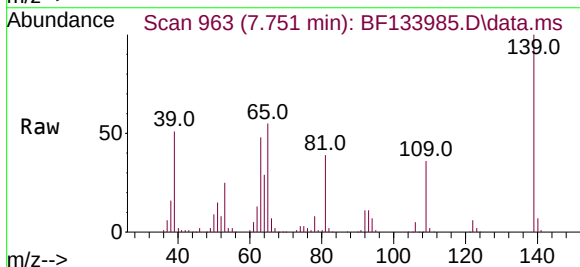
Manual Integrations
APPROVED

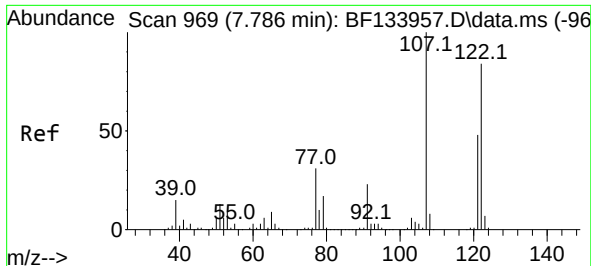
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#26
2-Nitrophenol
Concen: 37.595 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion:139 Resp: 174506
Ion Ratio Lower Upper
139 100
109 35.8 25.8 38.8
65 55.4 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 38.225 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

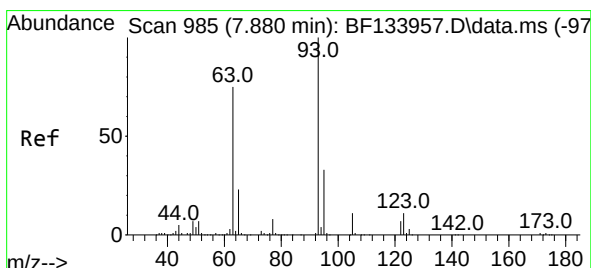
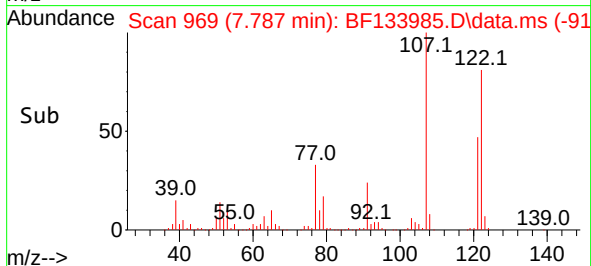
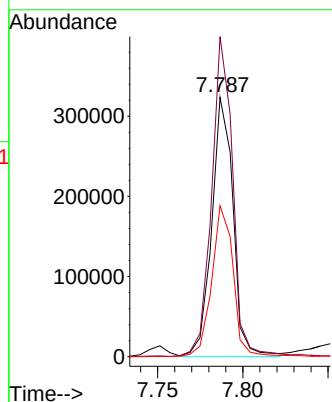
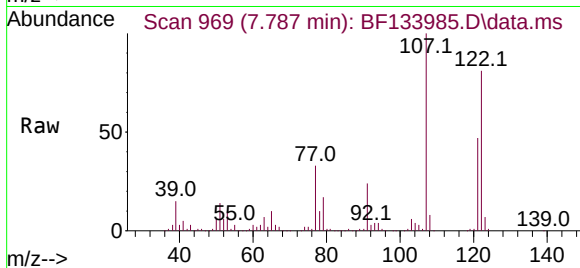
ClientSampleId :

PB153762BS

Tgt Ion:122 Resp: 28085
Ion Ratio Lower Upper
122 100
107 123.4 95.5 143.3
121 58.2 45.5 68.3

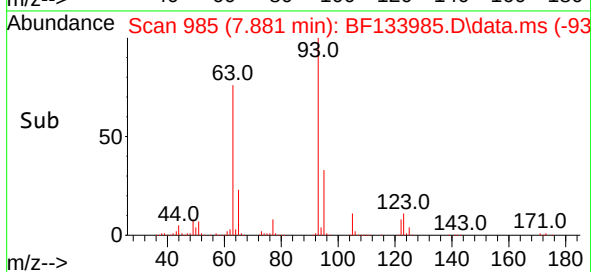
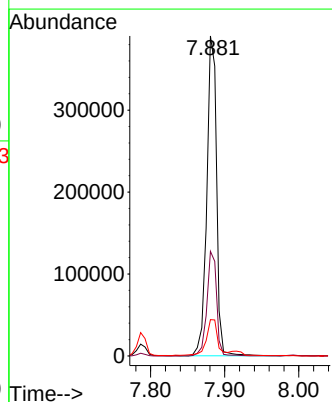
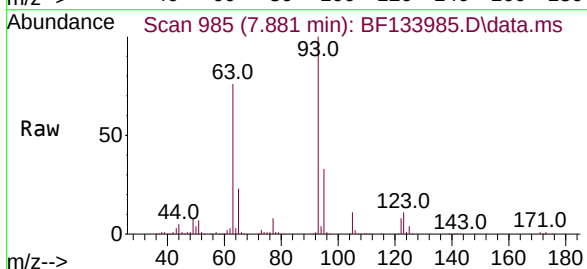
Manual Integrations
APPROVED

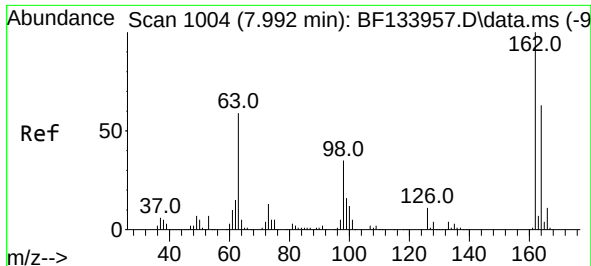
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 35.738 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion: 93 Resp: 360111
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 37.961 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF133985.D

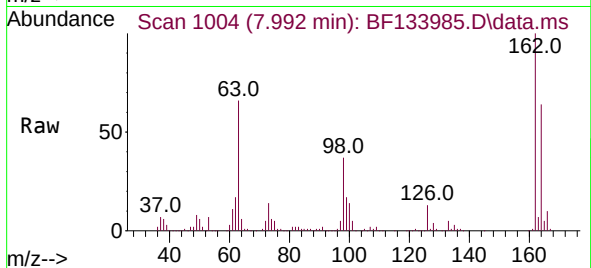
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS



Tgt Ion:162 Resp: 276578

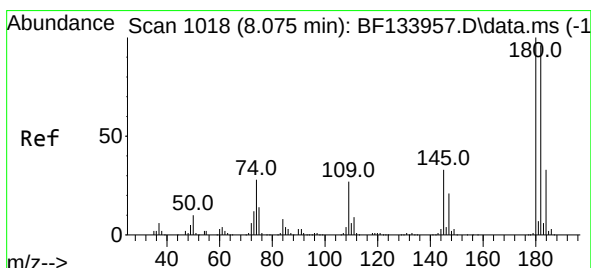
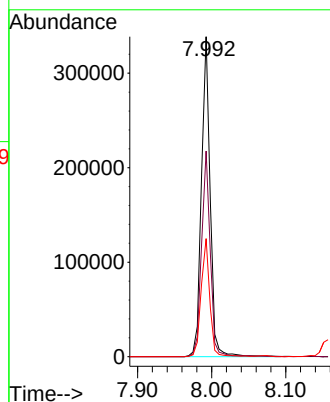
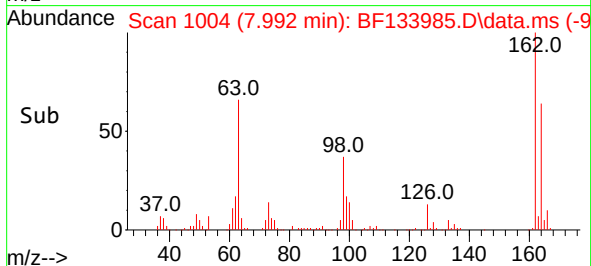
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.2	83.2
98	36.9	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.944 ng

RT: 8.075 min Scan# 1018

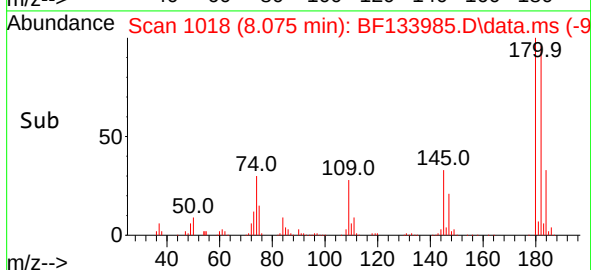
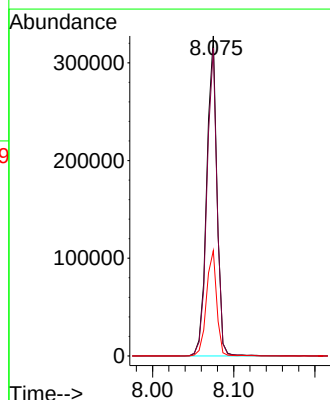
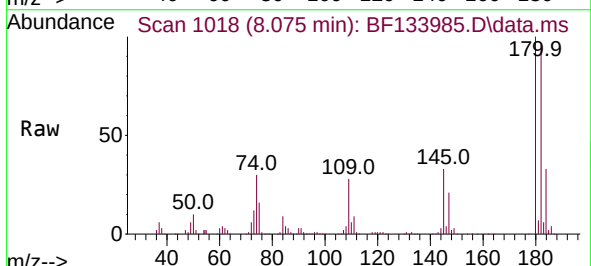
Delta R.T. -0.000 min

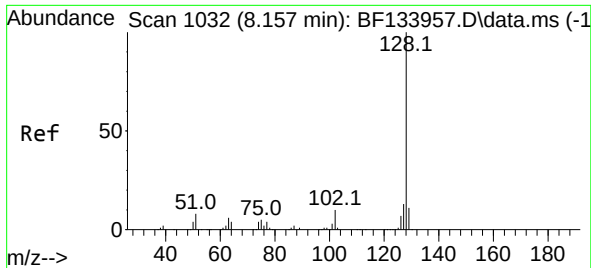
Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Tgt Ion:180 Resp: 285256

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.1	115.7
145	32.9	26.0	39.0





#31
Naphthalene
Concen: 40.287 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

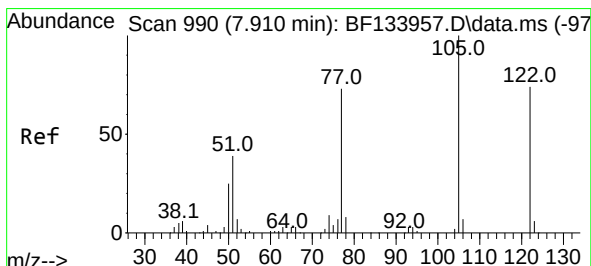
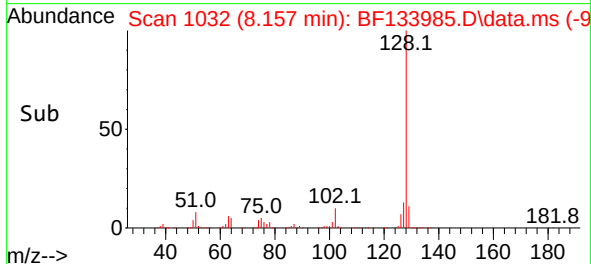
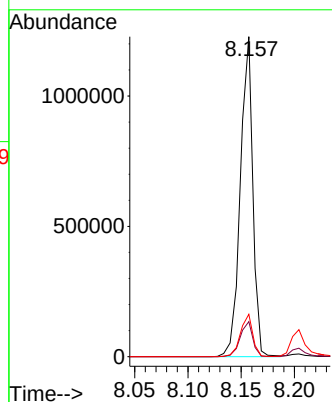
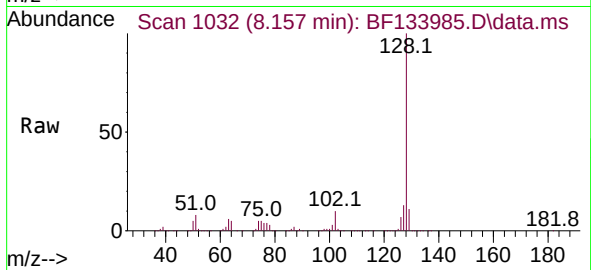
PB153762BS

Tgt Ion:128 Resp: 1004410
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.6 15.8

Manual Integrations

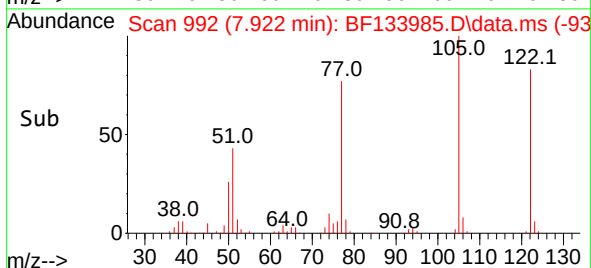
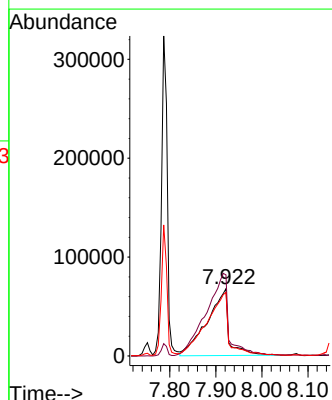
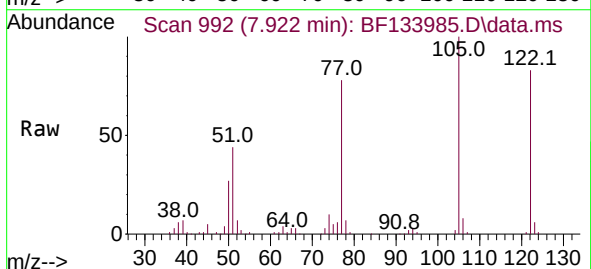
APPROVED

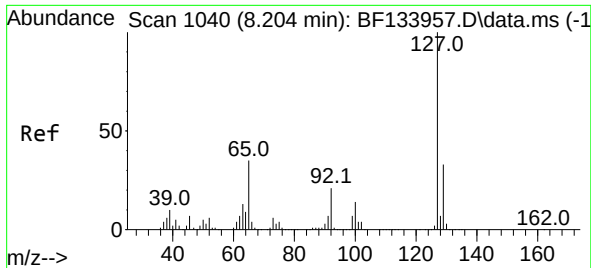
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#32
Benzoic acid
Concen: 40.615 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion:122 Resp: 223611
Ion Ratio Lower Upper
122 100
105 120.8 109.7 149.7
77 94.5 76.0 116.0





#33
4-Chloroaniline
Concen: 9.770 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

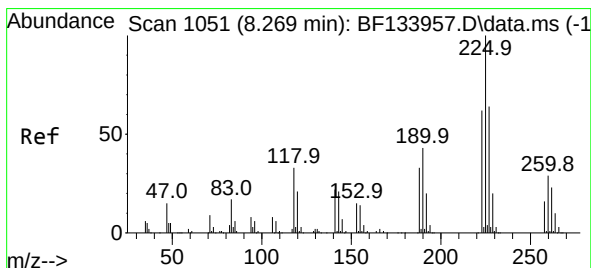
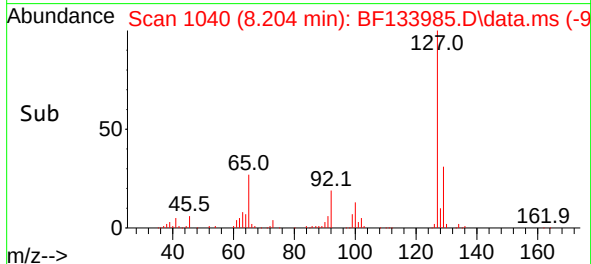
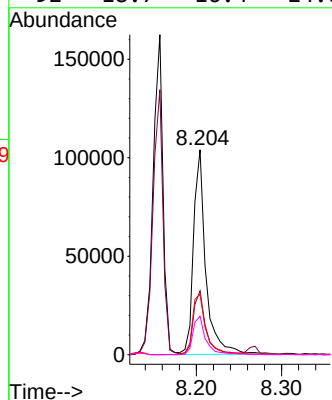
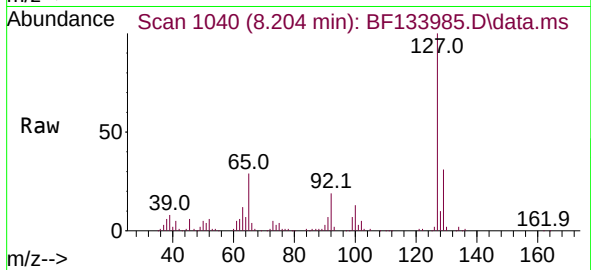
PB153762BS

Tgt Ion:127 Resp: 104190
Ion Ratio Lower Upper
127 100
129 31.2 26.4 39.6
65 29.5 27.8 41.8
92 18.7 16.4 24.6

Manual Integrations

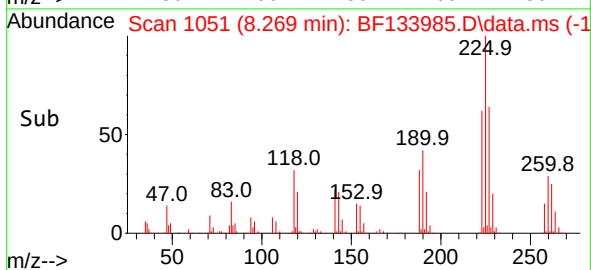
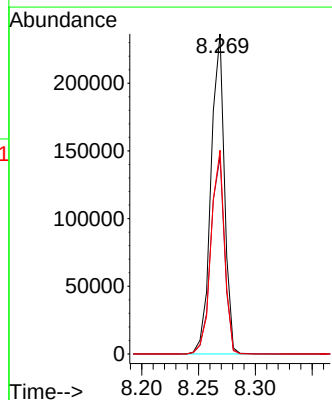
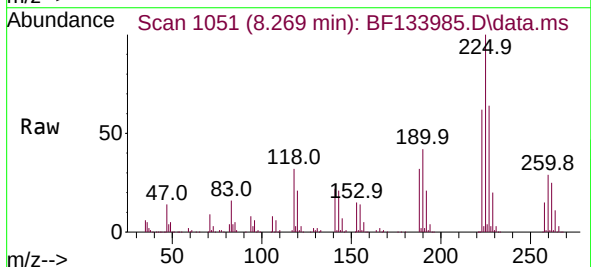
APPROVED

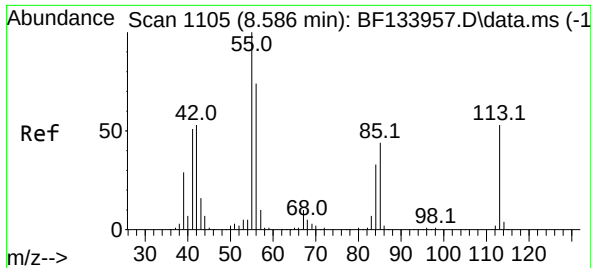
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#34
Hexachlorobutadiene
Concen: 41.016 ng
RT: 8.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

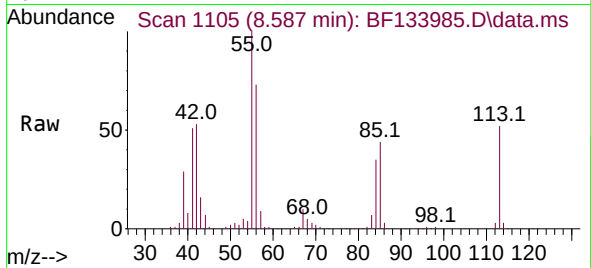
Tgt Ion:225 Resp: 194508
Ion Ratio Lower Upper
225 100
223 61.5 49.8 74.8
227 63.7 51.0 76.4





#35
 Caprolactam
 Concen: 44.282 ng m
 RT: 8.587 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35

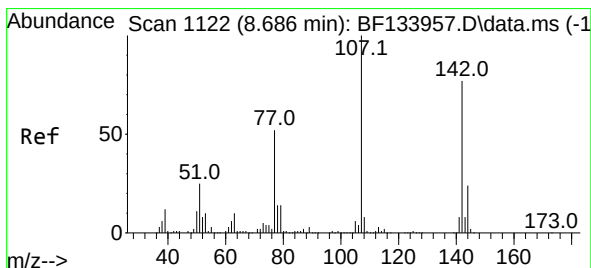
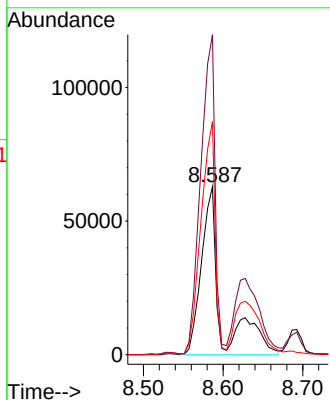
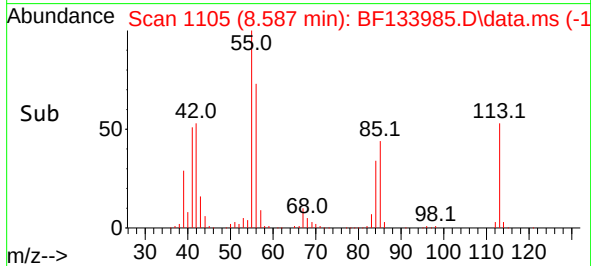
Instrument :
 BNA_F
 ClientSampleId :
 PB153762BS



Tgt Ion:113 Resp: 10623
 Ion Ratio Lower Upper
 113 100
 55 190.6 170.2 210.2
 56 138.8 121.4 161.4

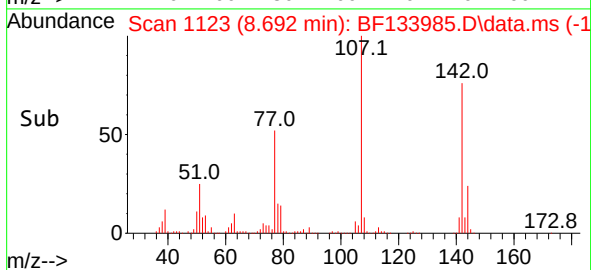
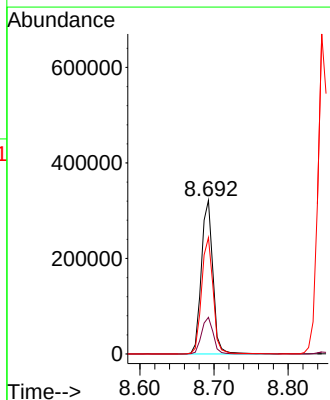
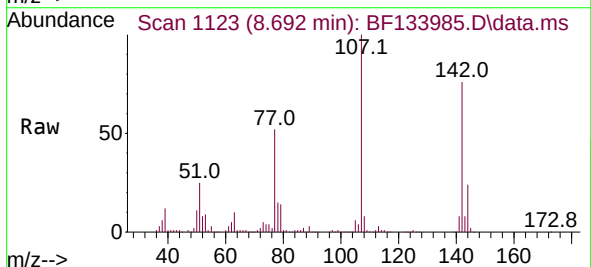
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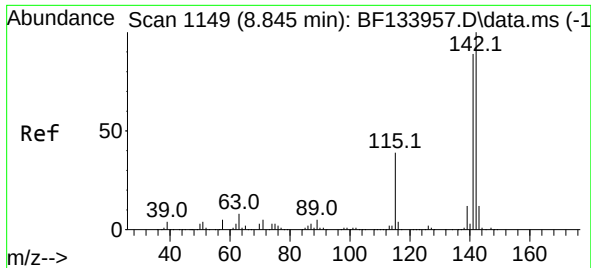
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.671 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35

Tgt Ion:107 Resp: 349258
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.6 29.4
 142 75.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 34.280 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:142 Resp: 60438

Ion Ratio Lower Upper

142 100

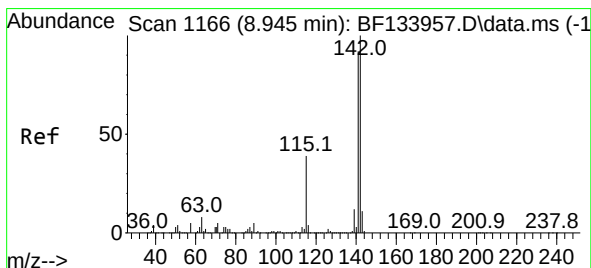
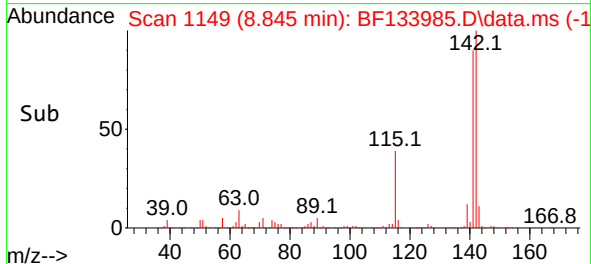
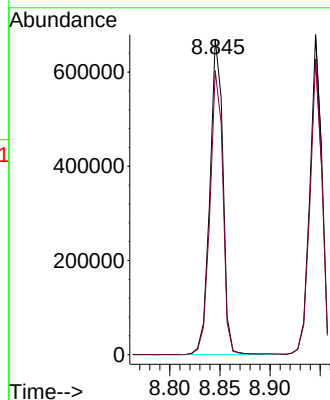
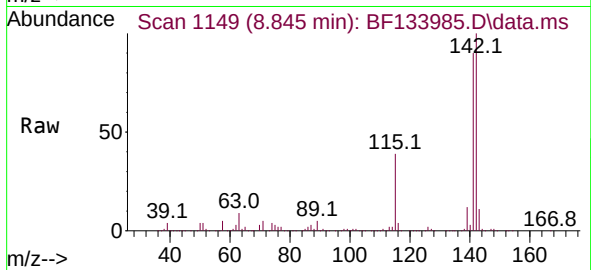
141 90.0 71.0 106.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#38

1-Methylnaphthalene

Concen: 33.969 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF133985.D

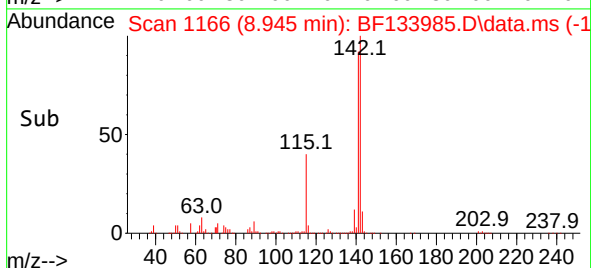
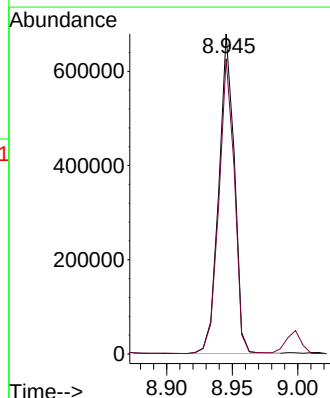
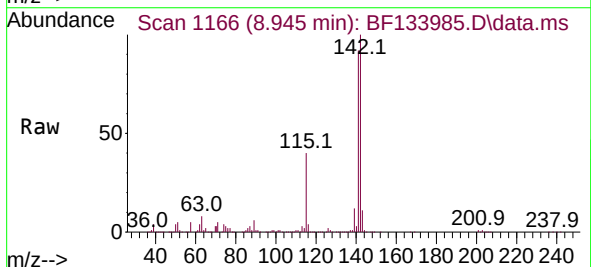
Acq: 27 Jun 2023 11:35

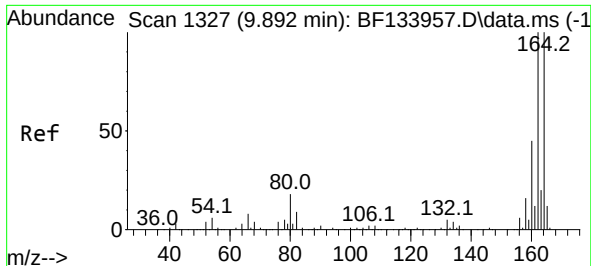
Tgt Ion:142 Resp: 556765

Ion Ratio Lower Upper

142 100

141 92.3 73.5 110.3





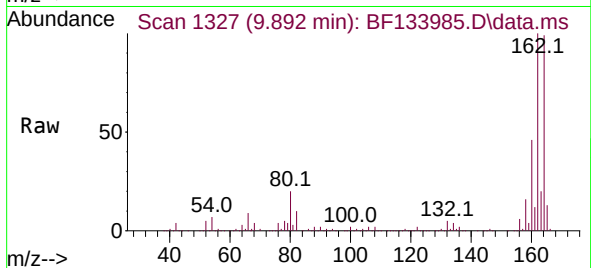
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

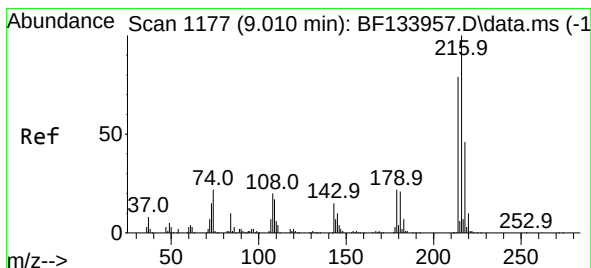
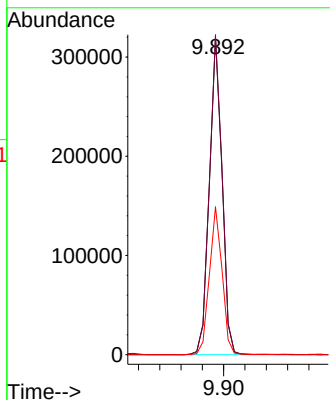
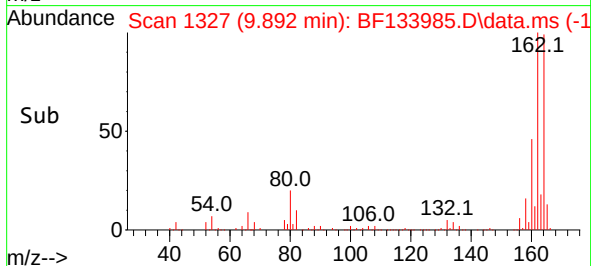


Tgt Ion:164 Resp: 264680
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 46.6 35.9 53.9

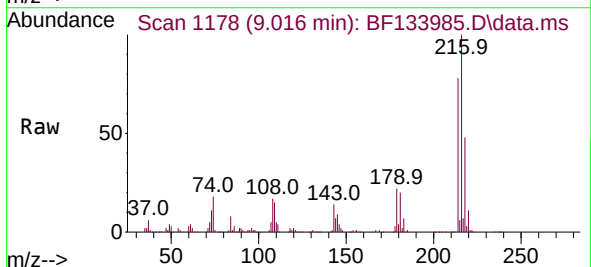
Manual Integrations

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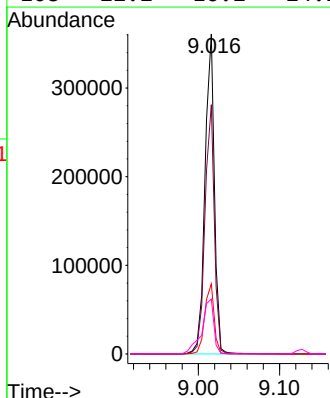
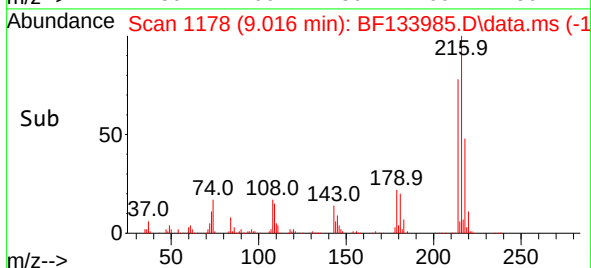
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

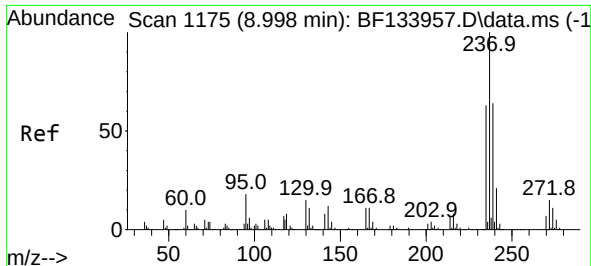


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.854 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:216 Resp: 289003
Ion Ratio Lower Upper
216 100
214 78.2 64.1 96.1
179 21.9 17.3 25.9
108 22.2 16.2 24.2





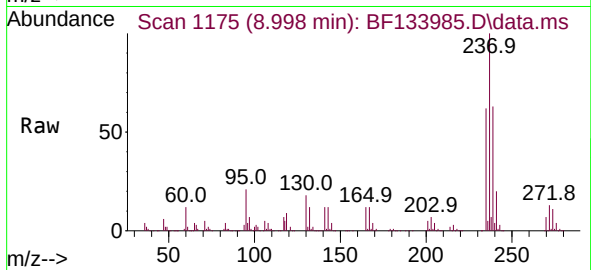
#41
Hexachlorocyclopentadiene
Concen: 85.216 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

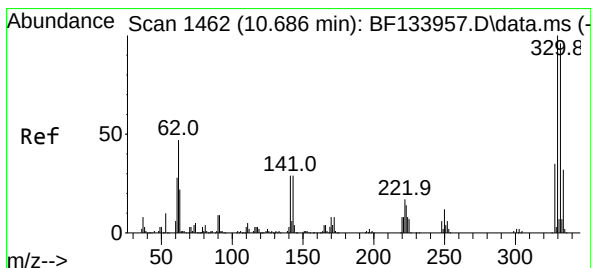
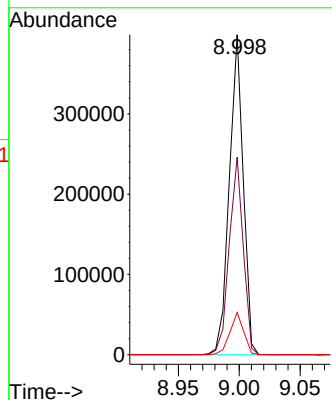
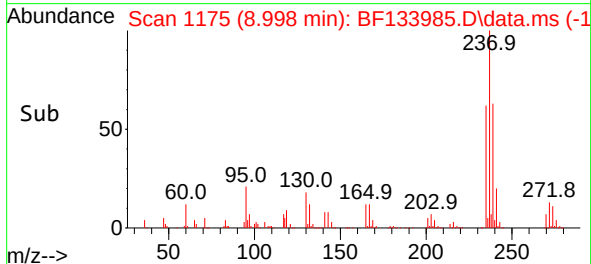


Tgt Ion:237 Resp: 31702
Ion Ratio Lower Upper
237 100
235 61.7 42.8 82.8
272 13.2 0.0 34.6

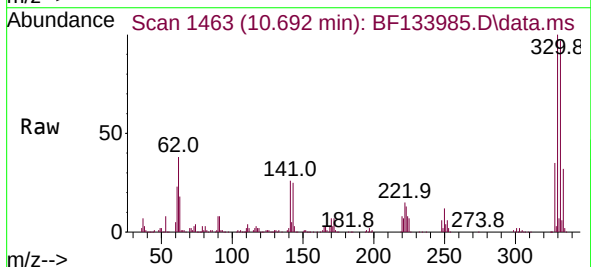
Manual Integrations

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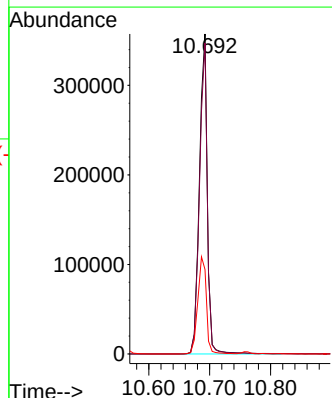
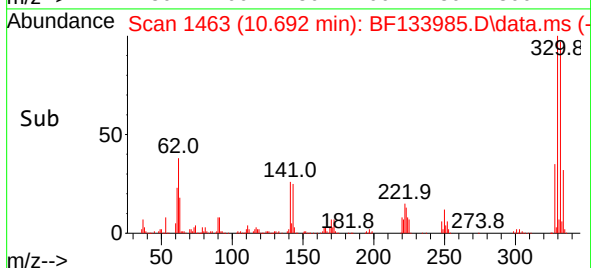
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

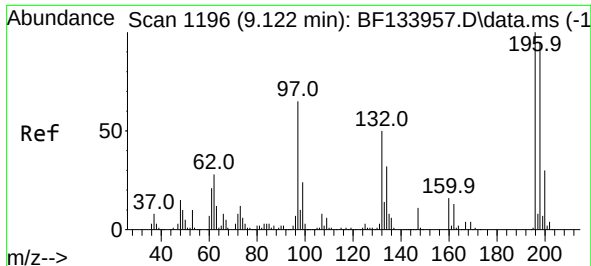


#42
2,4,6-Tribromophenol
Concen: 97.153 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



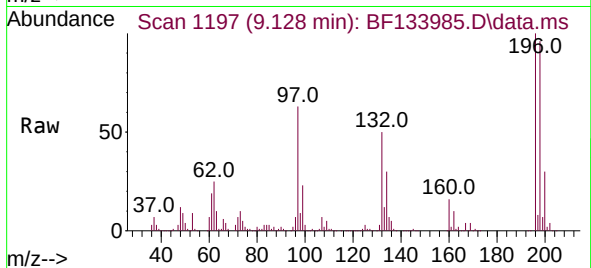
Tgt Ion:330 Resp: 322414
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 33.1 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 37.150 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

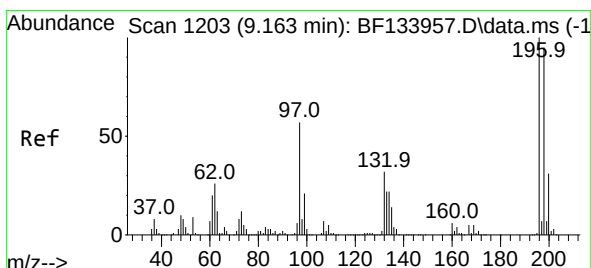
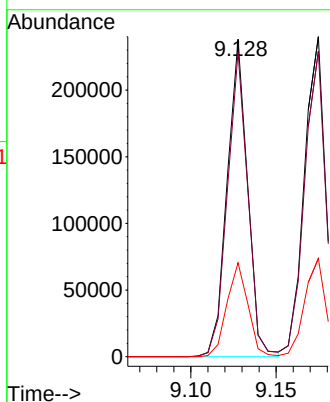
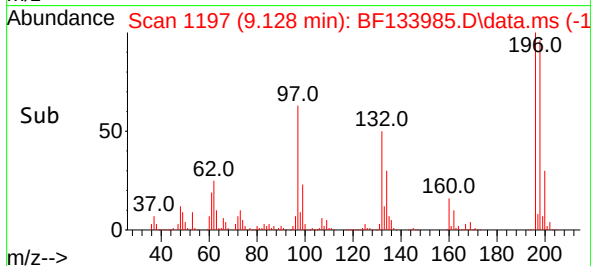
Instrument :
BNA_F
ClientSampleId :
PB153762BS



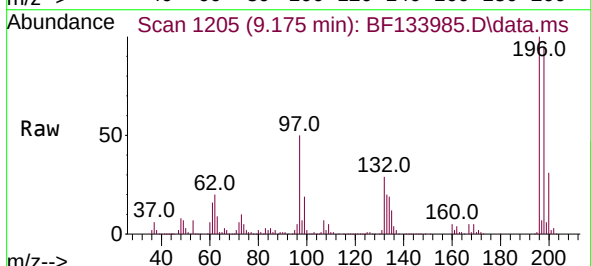
Tgt Ion:196 Resp: 198312
Ion Ratio Lower Upper
196 100
198 96.0 75.6 113.4
200 29.6 24.4 36.6

Manual Integrations
APPROVED

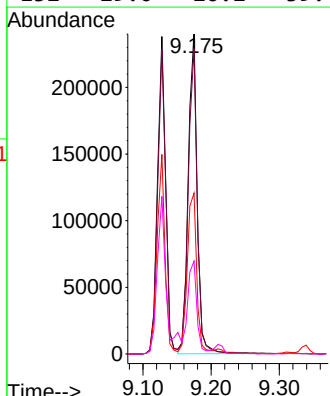
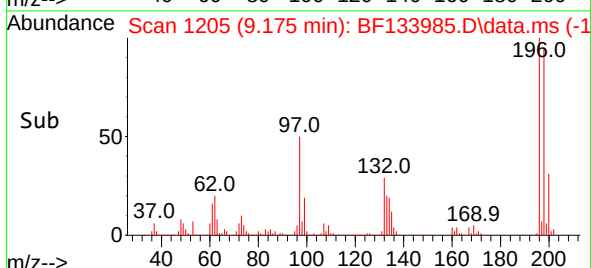
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

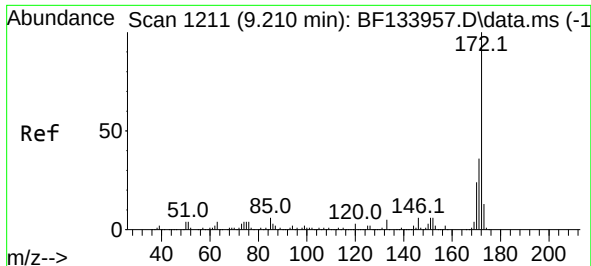


#44
2,4,5-Trichlorophenol
Concen: 34.678 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:196 Resp: 217753
Ion Ratio Lower Upper
196 100
198 95.5 75.7 113.5
97 50.2 45.8 68.6
132 29.0 26.2 39.4





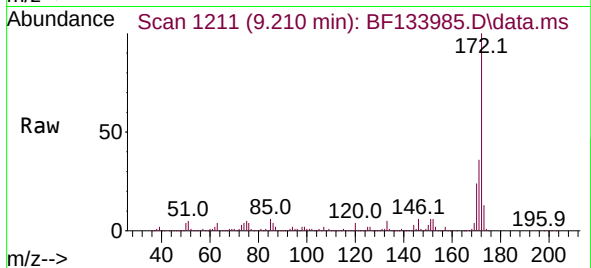
#45
2-Fluorobiphenyl
Concen: 67.728 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

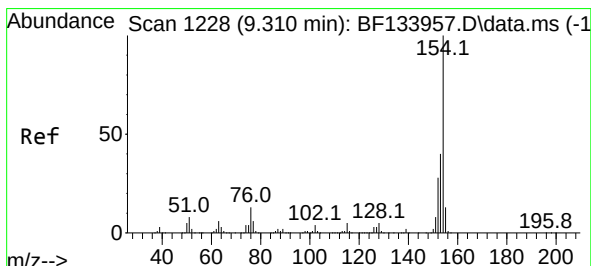
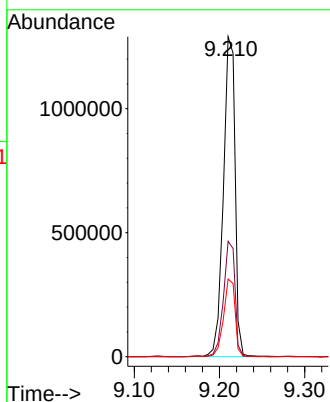
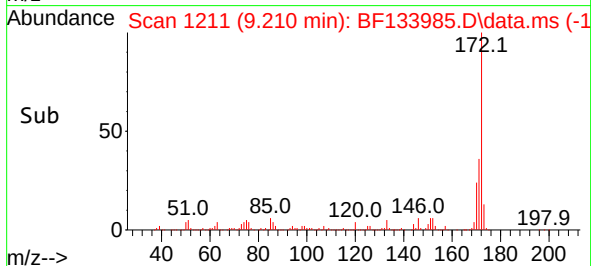


Tgt Ion:172 Resp: 1233010
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.4 29.0

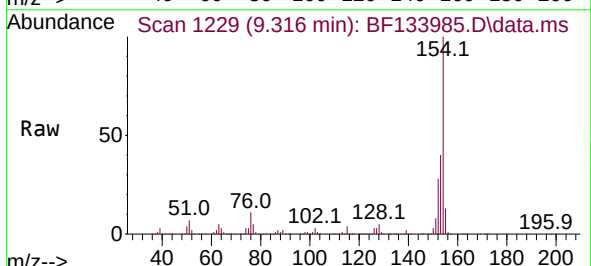
Manual Integrations

APPROVED

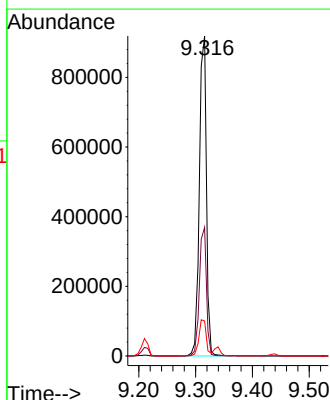
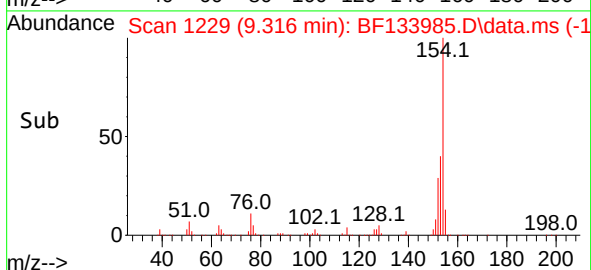
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

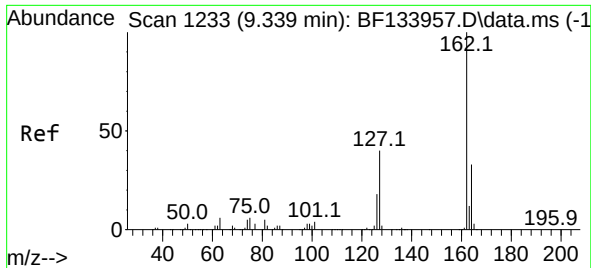


#46
1,1'-Biphenyl
Concen: 37.612 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:154 Resp: 798579
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 11.0 0.0 32.9





#47
2-Chloronaphthalene
Concen: 38.443 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

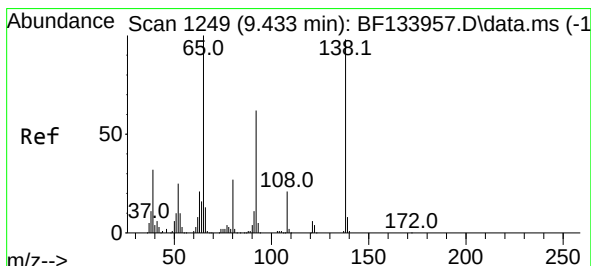
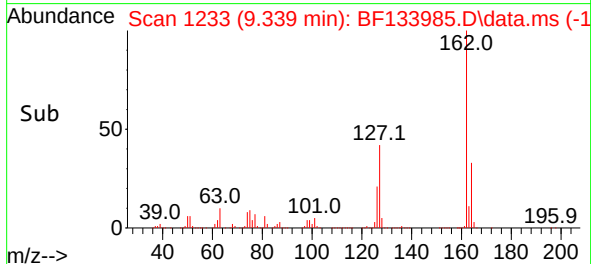
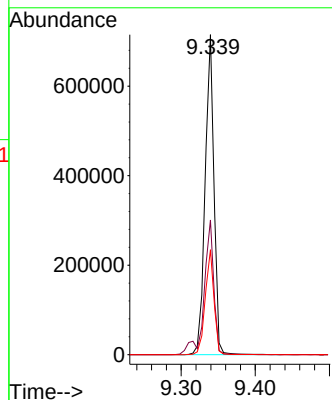
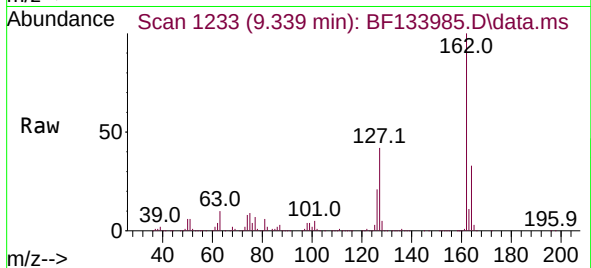
ClientSampleId :

PB153762BS

Tgt Ion:162 Resp: 59720
Ion Ratio Lower Upper
162 100
127 42.1 32.9 49.3
164 32.8 26.1 39.1

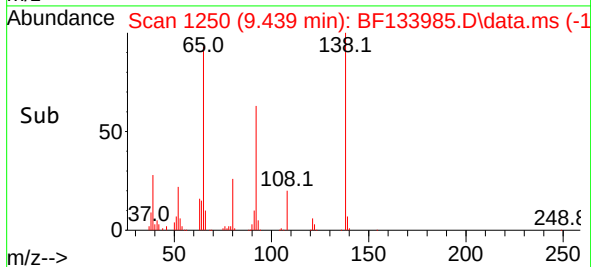
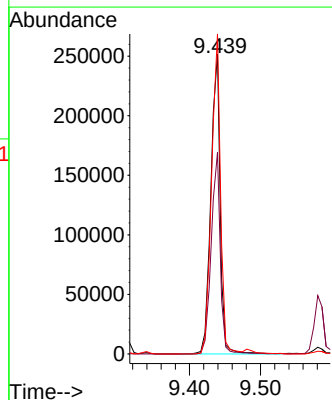
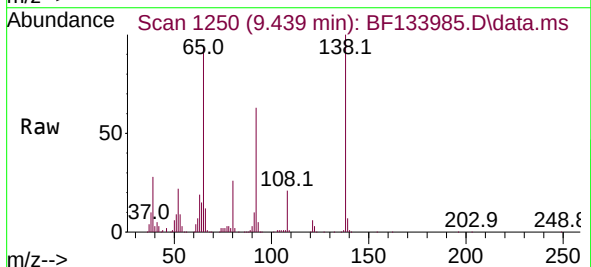
Manual Integrations
APPROVED

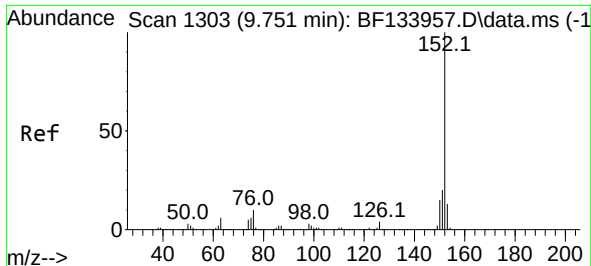
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#48
2-Nitroaniline
Concen: 40.664 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion: 65 Resp: 230227
Ion Ratio Lower Upper
65 100
92 67.1 49.5 74.3
138 106.7 78.0 117.0





#49

Acenaphthylene

Concen: 39.525 ng

RT: 9.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:152 Resp: 104889

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

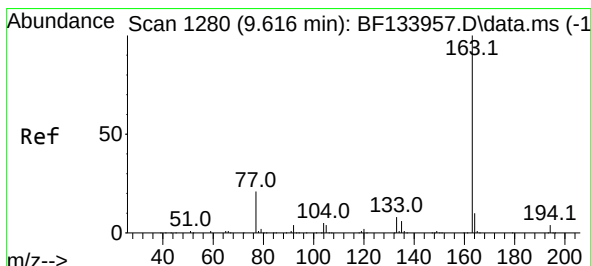
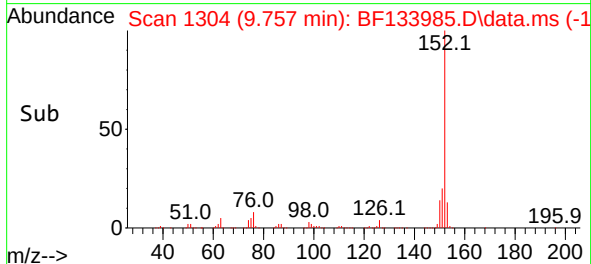
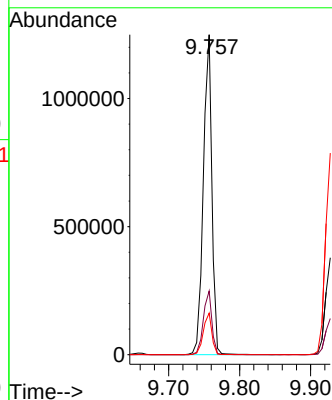
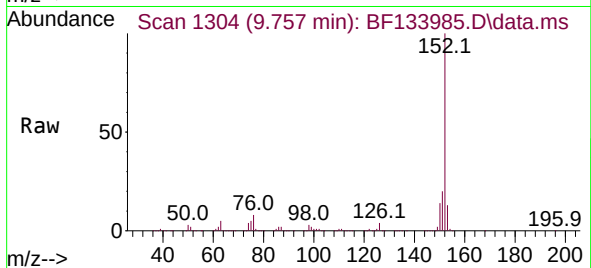
153 13.0 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#50

Dimethylphthalate

Concen: 39.339 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

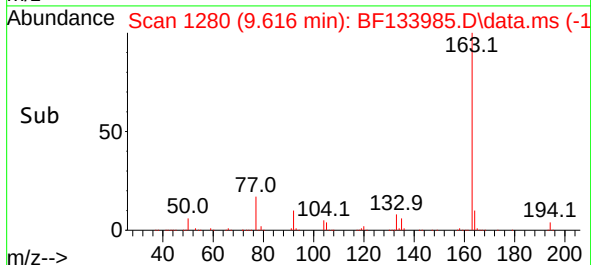
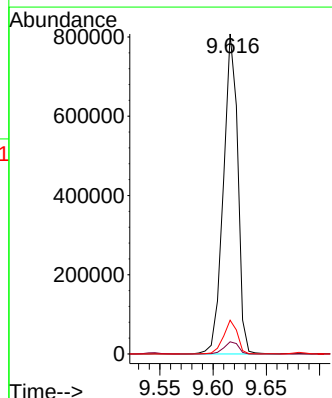
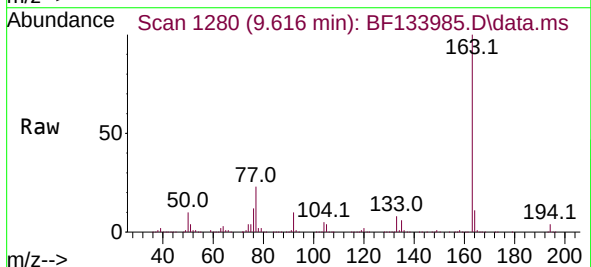
Tgt Ion:163 Resp: 755848

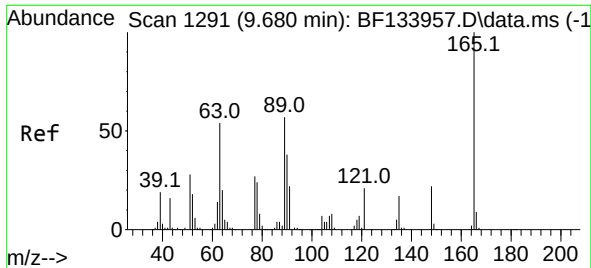
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.5 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.023 ng

RT: 9.681 min Scan# 1291

Delta R.T. 0.001 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:165 Resp: 17390

Ion Ratio Lower Upper

165 100

63 68.6 48.5 72.7

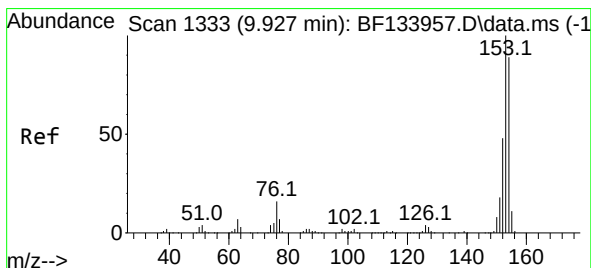
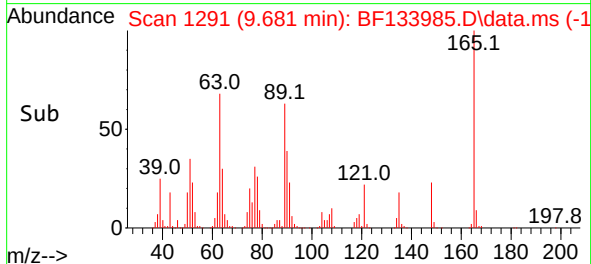
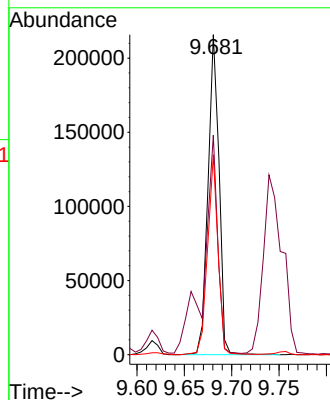
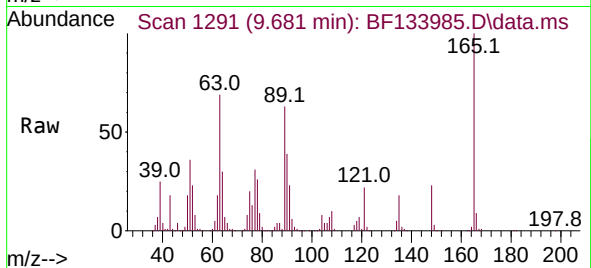
89 62.5 45.5 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#52

Acenaphthene

Concen: 39.812 ng

RT: 9.928 min Scan# 1333

Delta R.T. 0.001 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

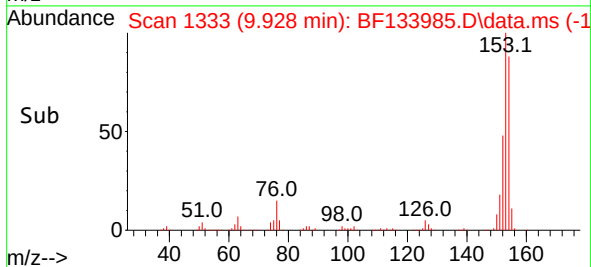
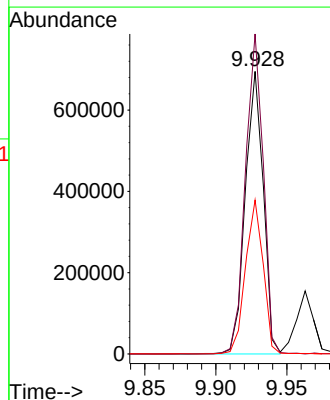
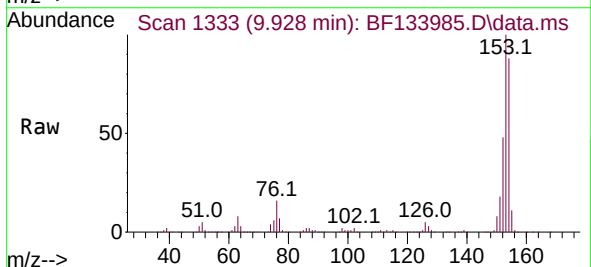
Tgt Ion:154 Resp: 613045

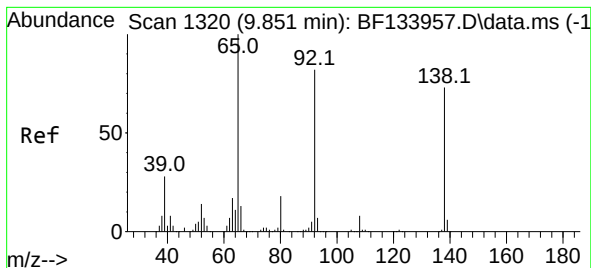
Ion Ratio Lower Upper

154 100

153 113.2 89.4 134.2

152 54.5 42.8 64.2





#53

3-Nitroaniline

Concen: 19.864 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:138 Resp: 98619

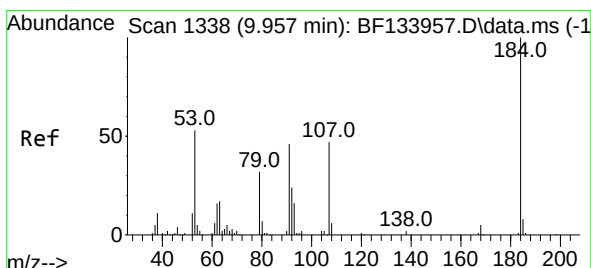
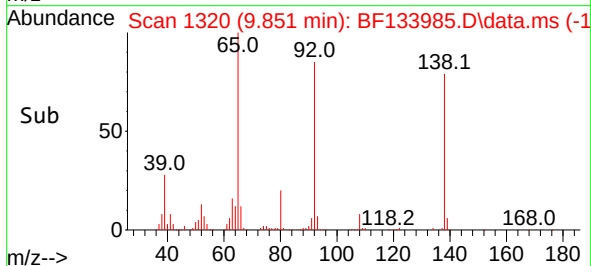
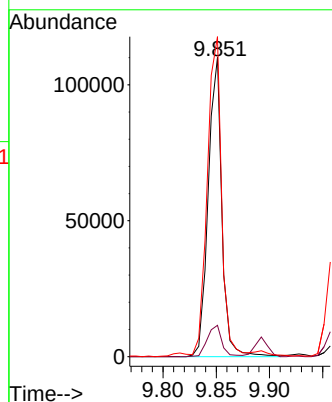
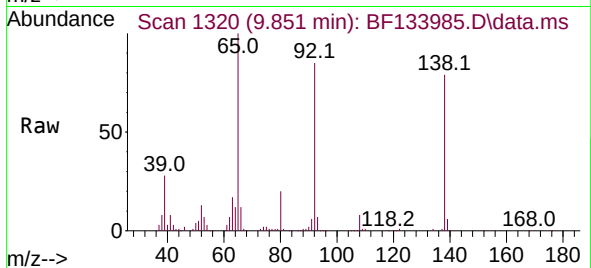
Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.4	12.6
92	106.9	90.1	135.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#54

2,4-Dinitrophenol

Concen: 81.618 ng

RT: 9.963 min Scan# 1339

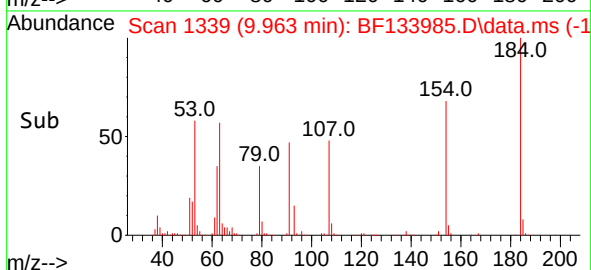
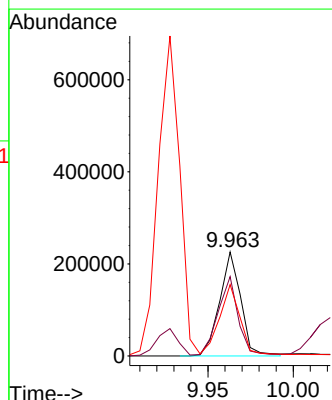
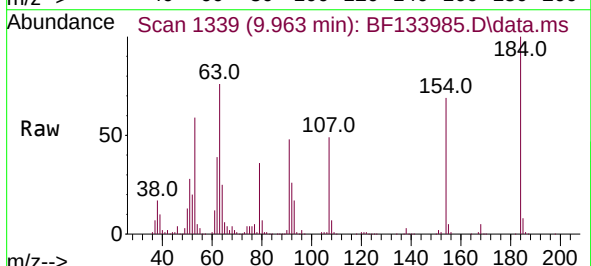
Delta R.T. 0.006 min

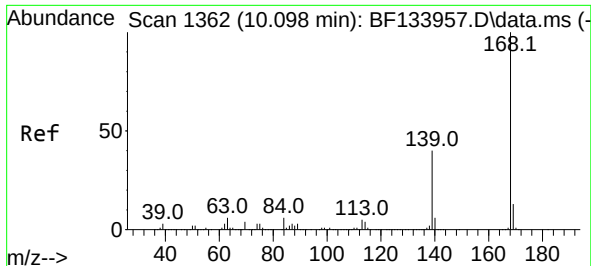
Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Tgt Ion:184 Resp: 195254

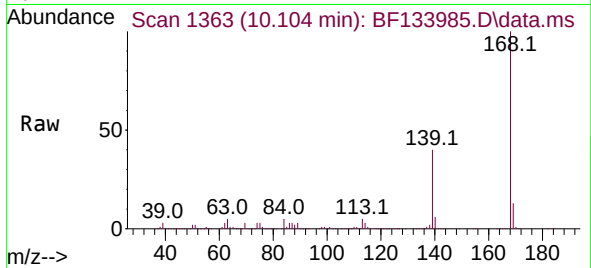
Ion	Ratio	Lower	Upper
184	100		
63	76.3	56.9	85.3
154	68.7	55.4	83.0





#55
Dibenzenofuran
Concen: 33.292 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

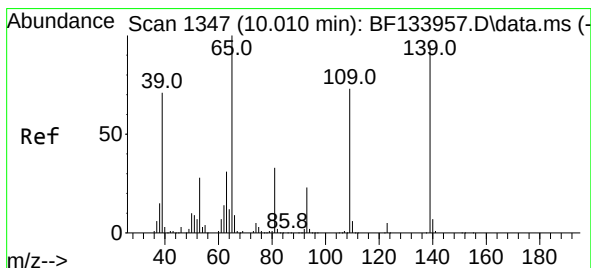
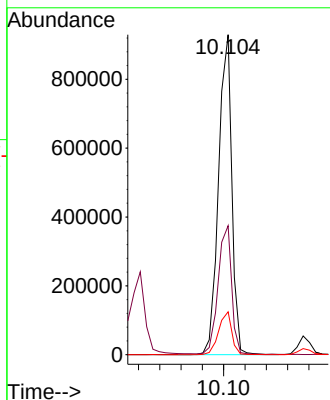
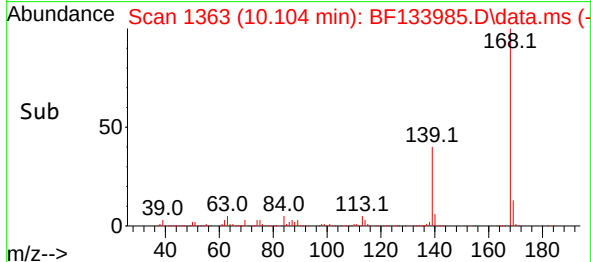
Instrument :
BNA_F
ClientSampleId :
PB153762BS



Tgt Ion:168 Resp: 80117
Ion Ratio Lower Upper
168 100
139 40.3 32.0 48.0
169 13.4 10.6 16.0

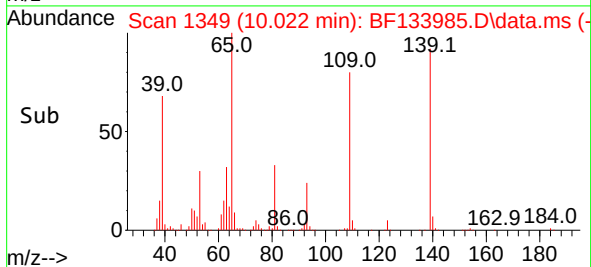
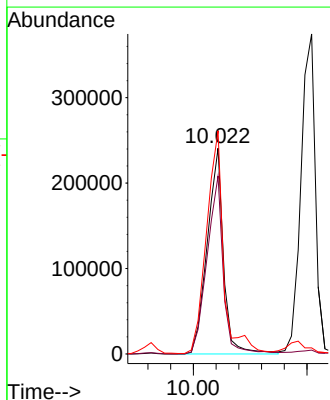
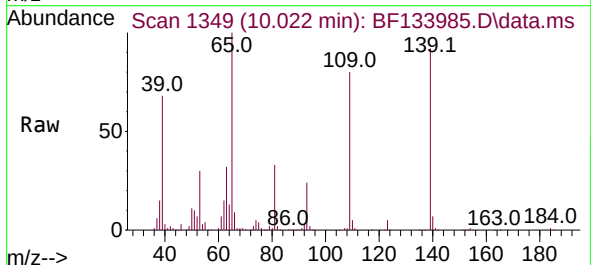
Manual Integrations
APPROVED

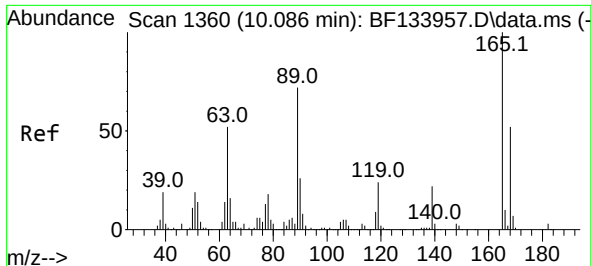
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#56
4-Nitrophenol
Concen: 69.069 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion:139 Resp: 239854
Ion Ratio Lower Upper
139 100
109 86.5 56.8 96.8
65 108.4 86.1 126.1





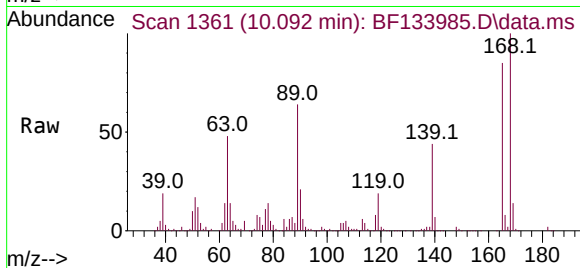
#57
2,4-Dinitrotoluene
Concen: 35.173 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

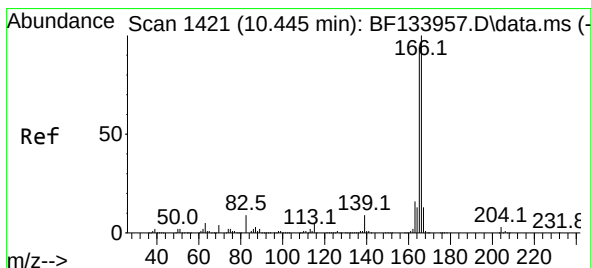
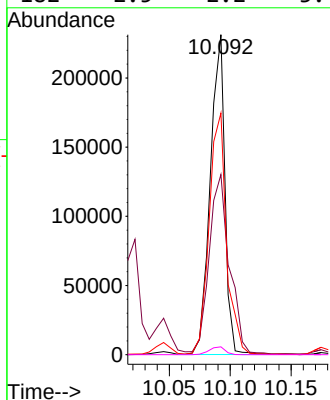
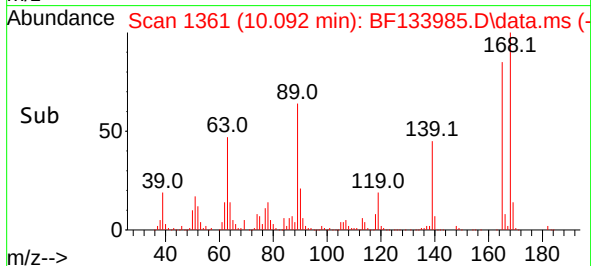


Tgt Ion:165 Resp: 192220
Ion Ratio Lower Upper
165 100
63 56.3 42.2 63.2
89 75.5 57.4 86.2
182 2.5 2.2 3.4

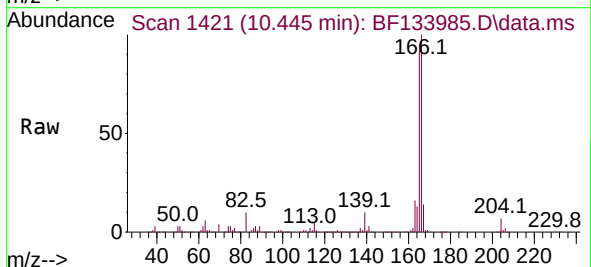
Manual Integrations

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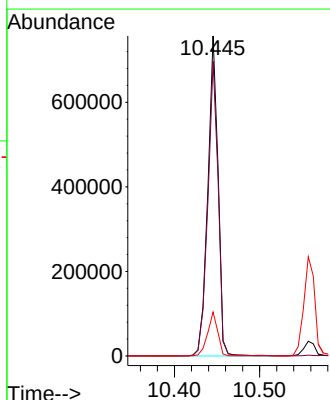
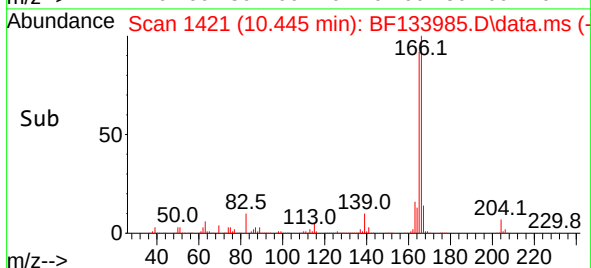
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

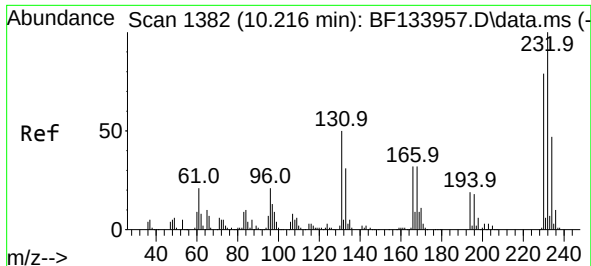


#58
Fluorene
Concen: 33.681 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



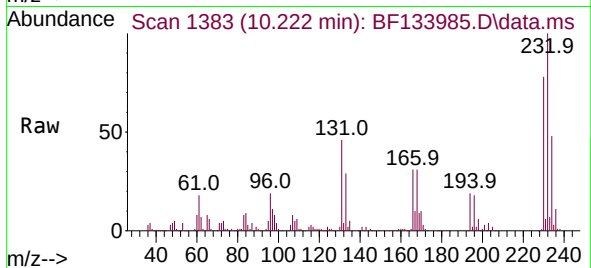
Tgt Ion:166 Resp: 630589
Ion Ratio Lower Upper
166 100
165 92.1 75.0 112.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.566 ng m
RT: 10.222 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

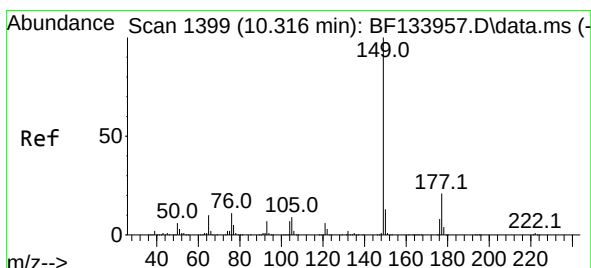
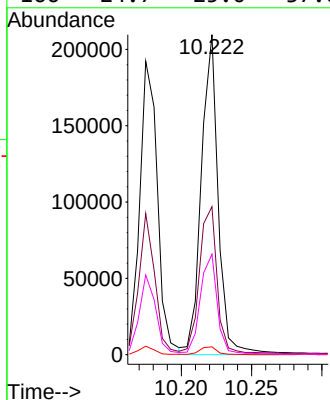
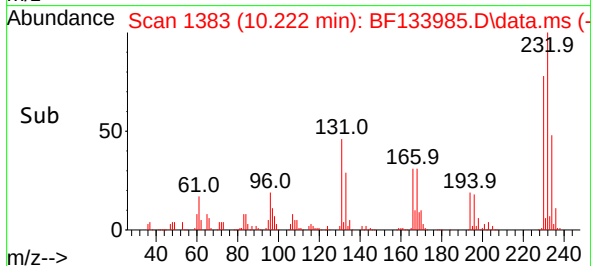
Instrument :
BNA_F
ClientSampleId :
PB153762BS



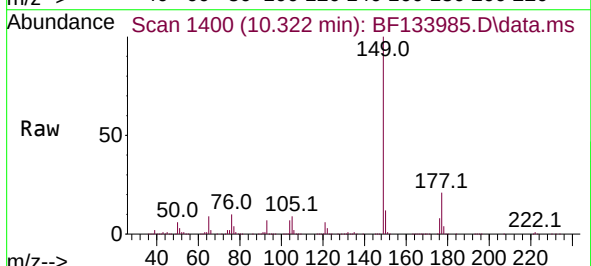
Tgt Ion:232 Resp: 176159
Ion Ratio Lower Upper
232 100
131 42.2 39.3 58.9
130 2.4 1.8 2.6
166 24.7 25.0 37.6#

Manual Integrations
APPROVED

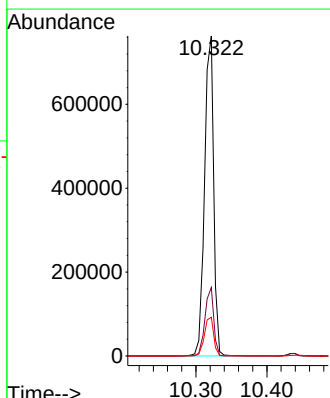
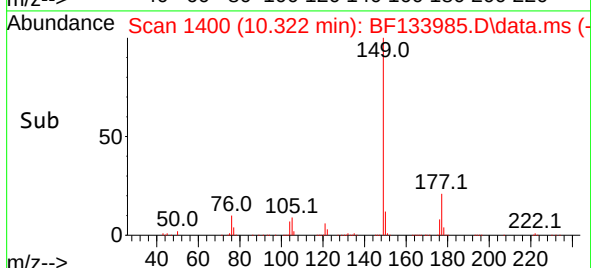
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

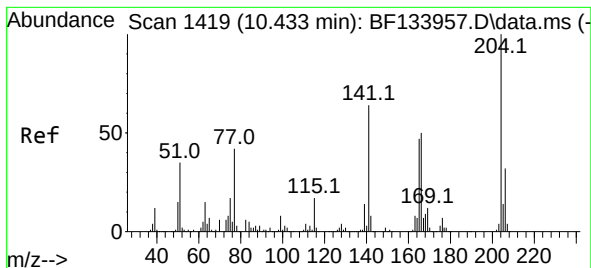


#60
Diethylphthalate
Concen: 34.089 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



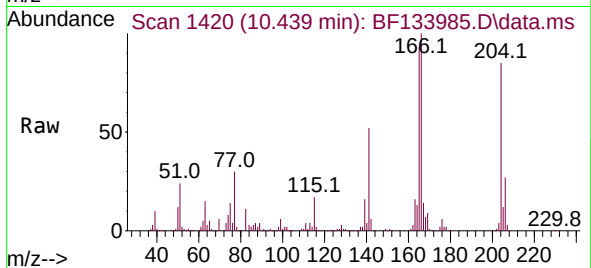
Tgt Ion:149 Resp: 682375
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 33.226 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

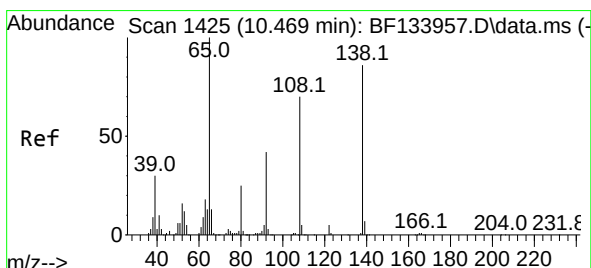
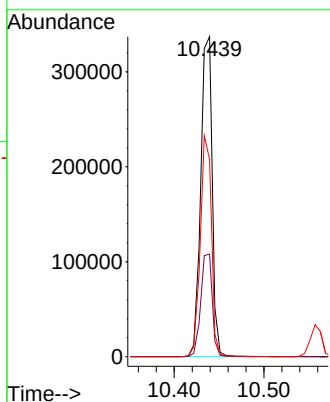
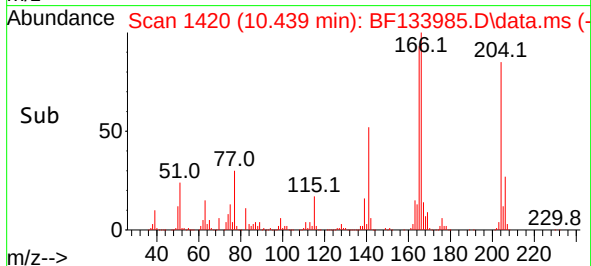
Instrument :
BNA_F
ClientSampleId :
PB153762BS



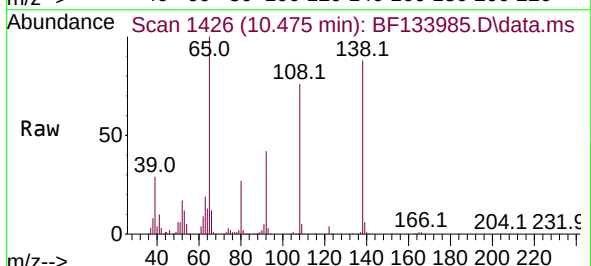
Tgt Ion:204 Resp: 299788
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 61.7 51.5 77.3

Manual Integrations
APPROVED

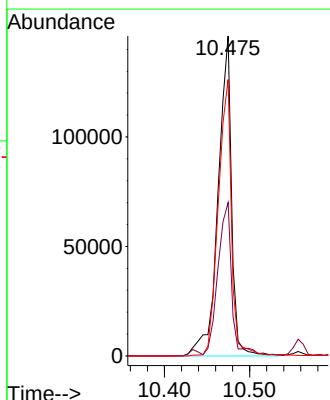
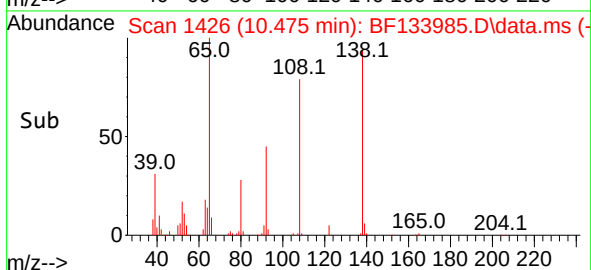
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

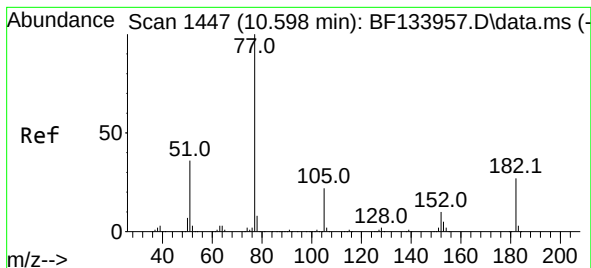


#62
4-Nitroaniline
Concen: 32.183 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:138 Resp: 161021
Ion Ratio Lower Upper
138 100
92 48.0 29.7 69.7
108 86.4 62.1 102.1





#63

Azobenzene

Concen: 33.602 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF133985.D

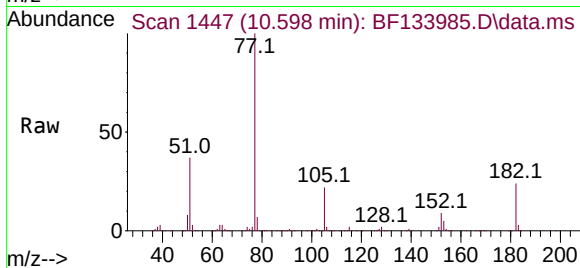
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS



Tgt Ion: 77 Resp: 63625

Ion Ratio Lower Upper

77 100

182 23.8 6.8 46.8

105 21.5 2.3 42.3

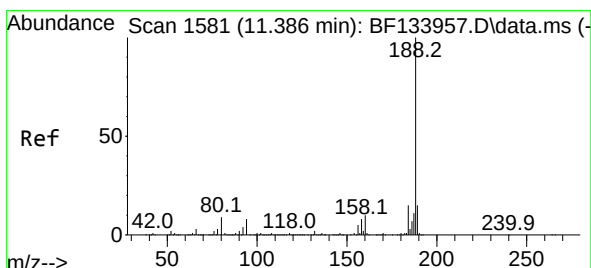
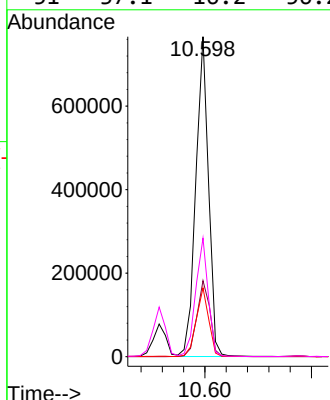
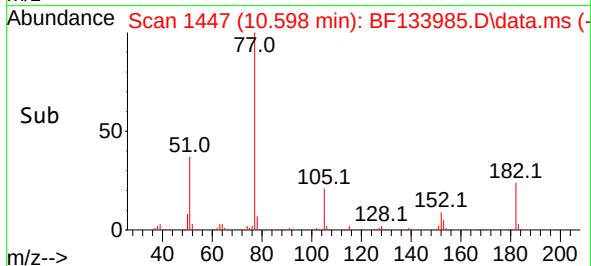
51 37.1 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

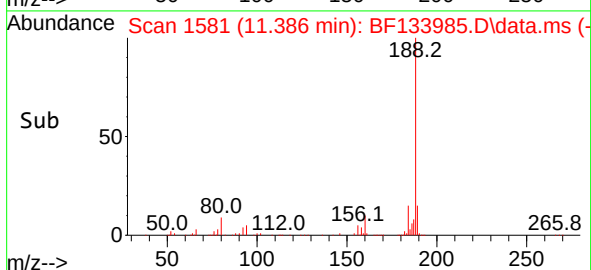
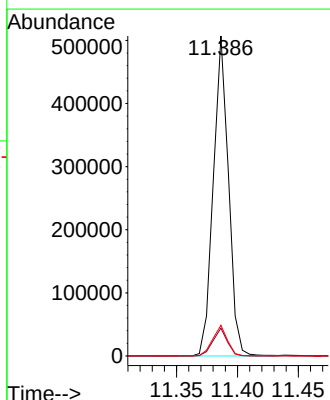
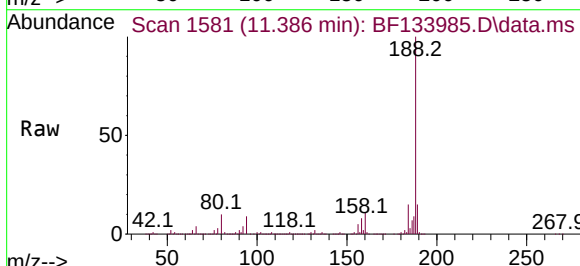
Tgt Ion:188 Resp: 439619

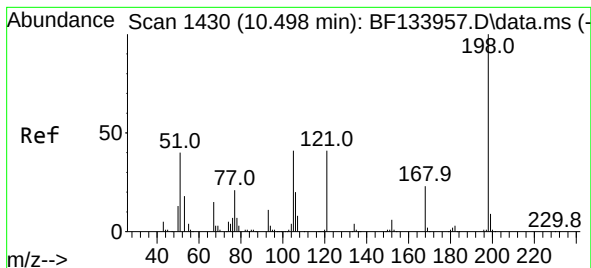
Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

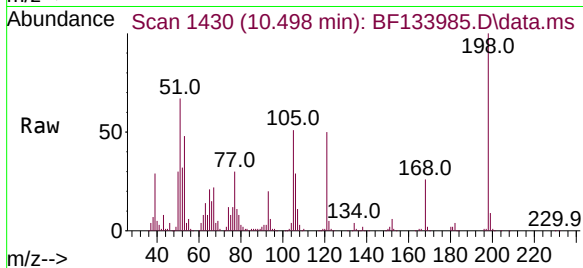
80 9.6 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.253 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

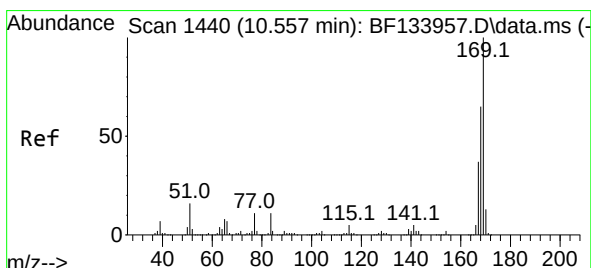
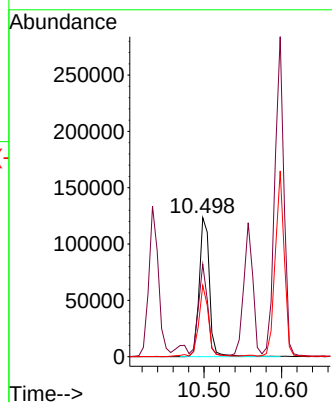
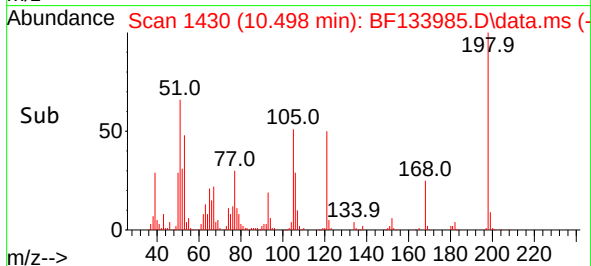
Instrument :
BNA_F
ClientSampleId :
PB153762BS



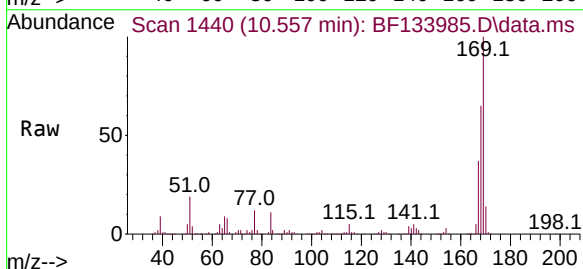
Tgt Ion:198 Resp: 113254
Ion Ratio Lower Upper
198 100
51 66.5 29.3 69.3
105 51.2 22.4 62.4

Manual Integrations
APPROVED

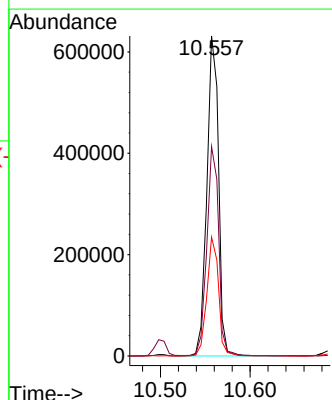
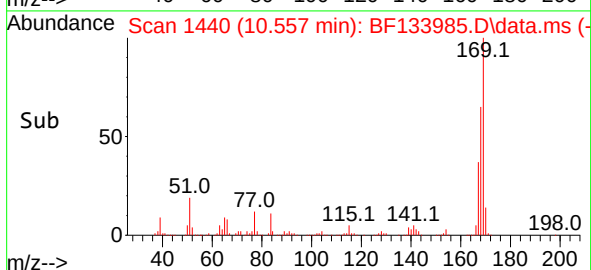
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

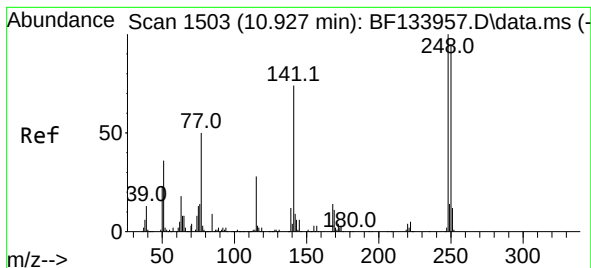


#66
n-Nitrosodiphenylamine
Concen: 40.544 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:169 Resp: 569476
Ion Ratio Lower Upper
169 100
168 65.4 52.3 78.5
167 37.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.764 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

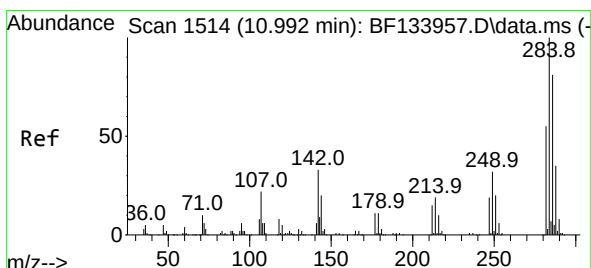
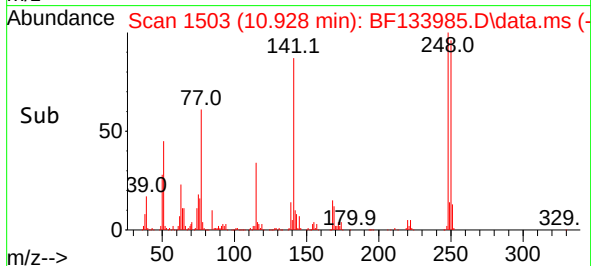
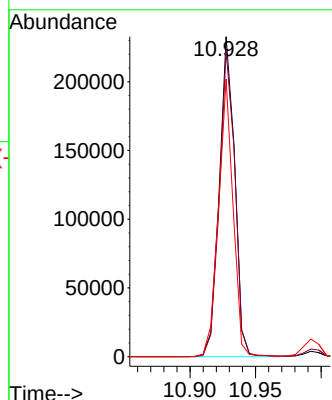
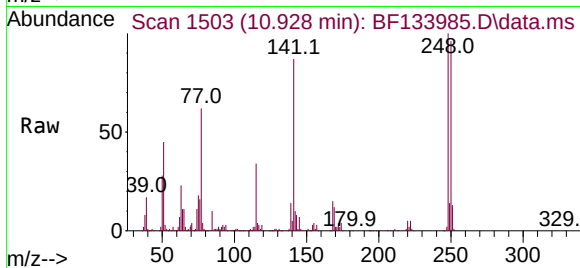
PB153762BS

Tgt Ion:248 Resp: 190474
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.4
141 86.7 59.0 88.4

Manual Integrations

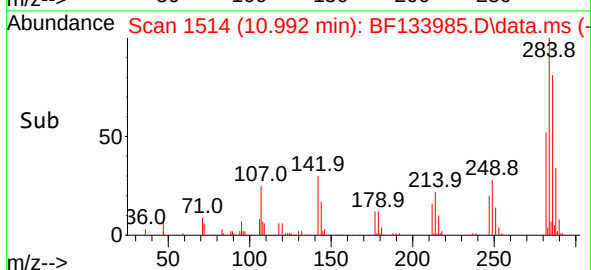
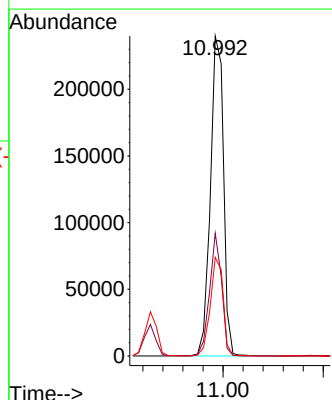
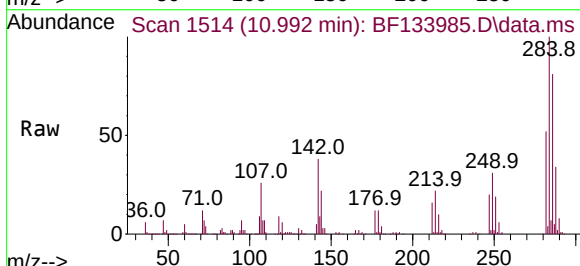
APPROVED

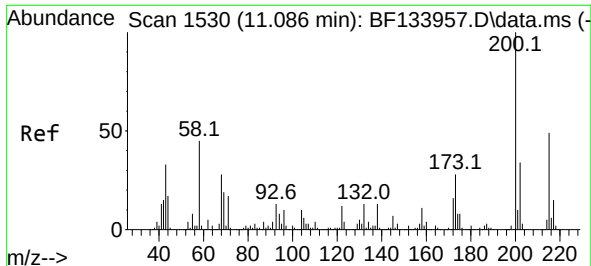
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#68
Hexachlorobenzene
Concen: 44.029 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

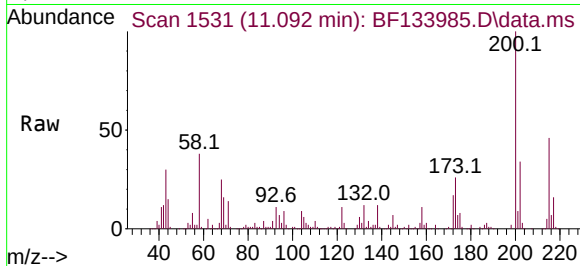
Tgt Ion:284 Resp: 218439
Ion Ratio Lower Upper
284 100
142 38.4 26.6 40.0
249 30.8 25.5 38.3





#69
Atrazine
Concen: 43.934 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

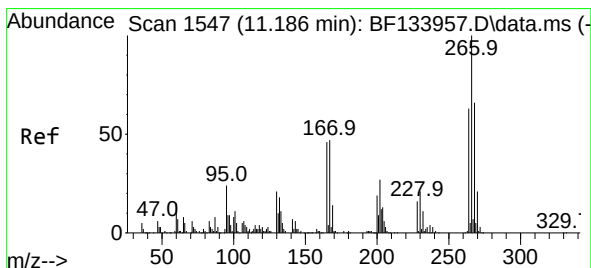
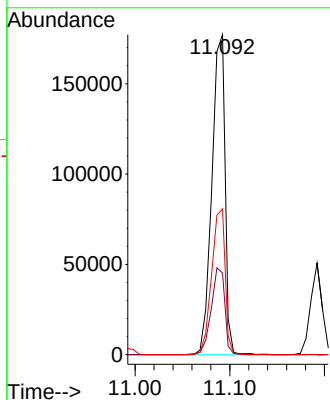
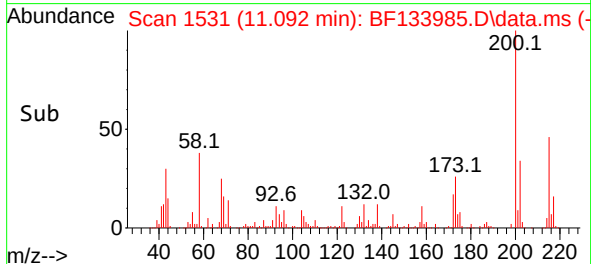
Instrument :
BNA_F
ClientSampleId :
PB153762BS



Tgt Ion:200 Resp: 17069
Ion Ratio Lower Upper
200 100
173 25.5 8.0 48.0
215 45.5 29.3 69.3

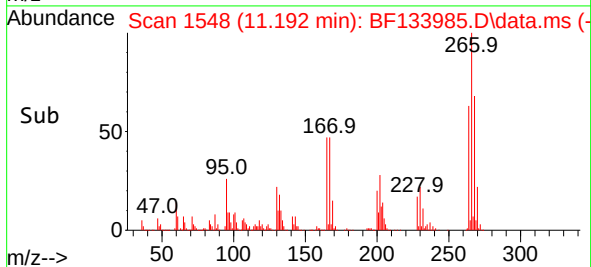
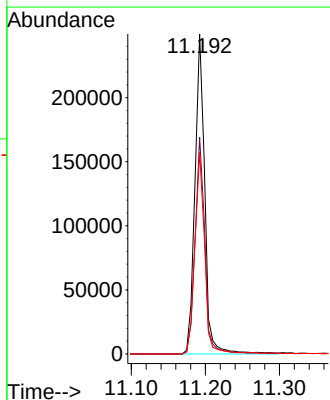
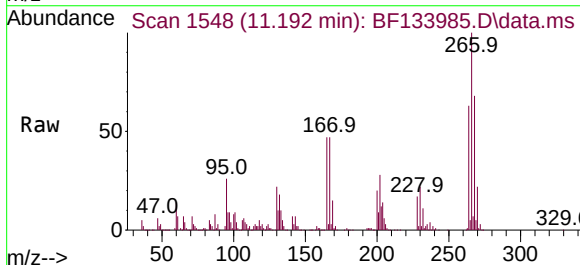
Manual Integrations
APPROVED

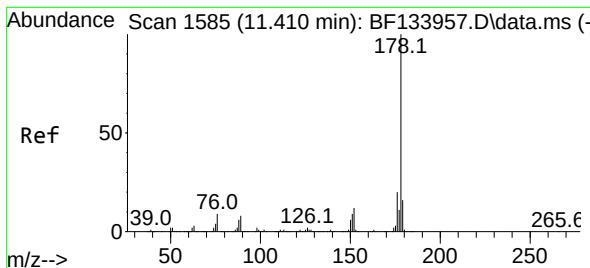
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#70
Pentachlorophenol
Concen: 77.507 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Tgt Ion:266 Resp: 229918
Ion Ratio Lower Upper
266 100
268 67.8 52.6 79.0
264 62.9 50.6 76.0





#71

Phenanthrene

Concen: 41.483 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:178 Resp: 91806

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

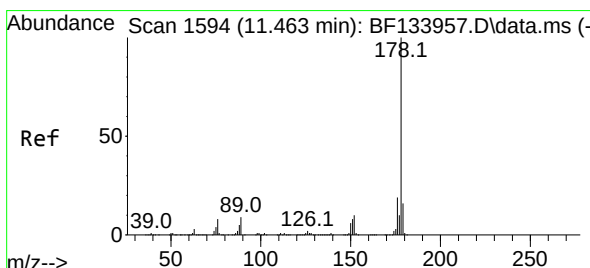
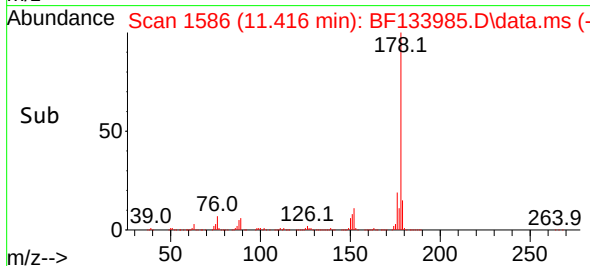
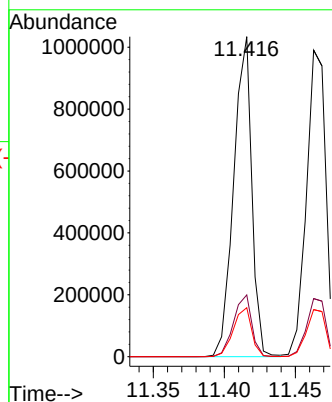
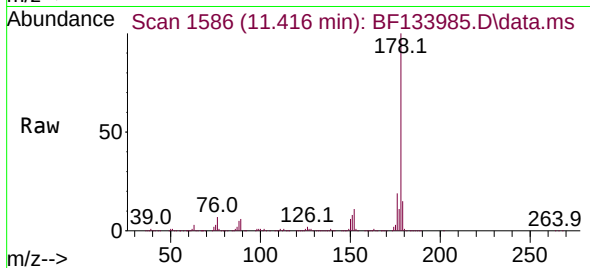
179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#72

Anthracene

Concen: 41.190 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

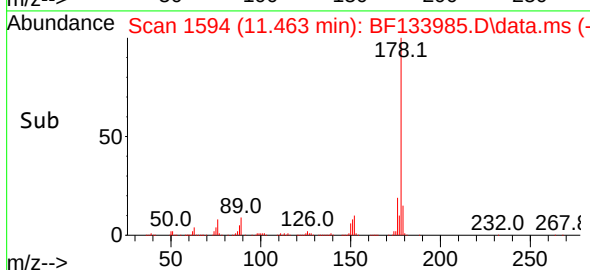
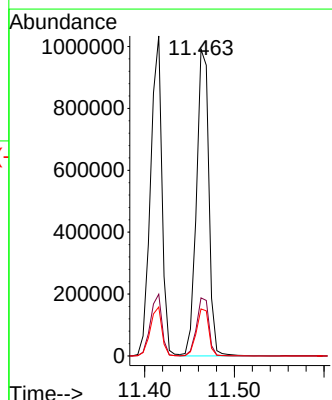
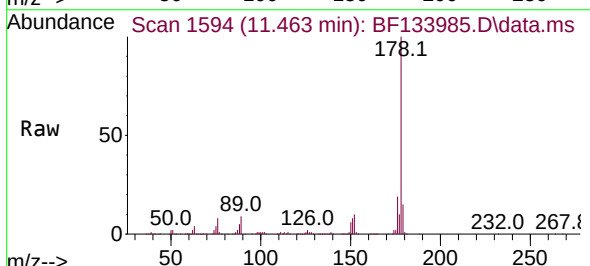
Tgt Ion:178 Resp: 948139

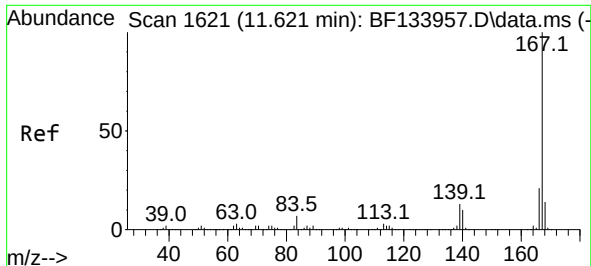
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

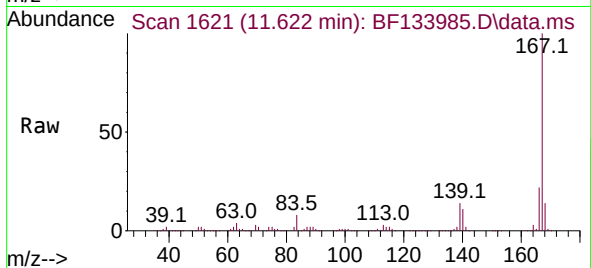
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 42.329 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35

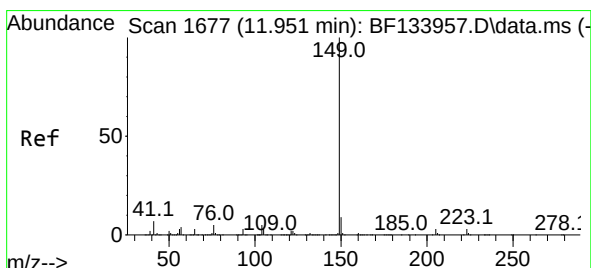
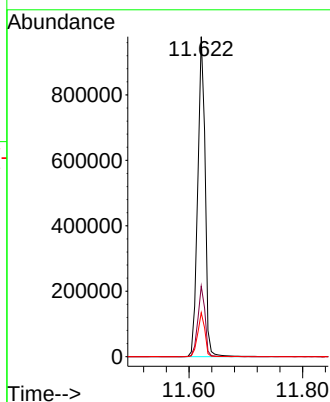
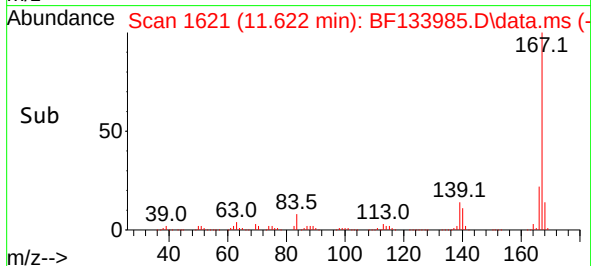
Instrument :
 BNA_F
 ClientSampleId :
 PB153762BS



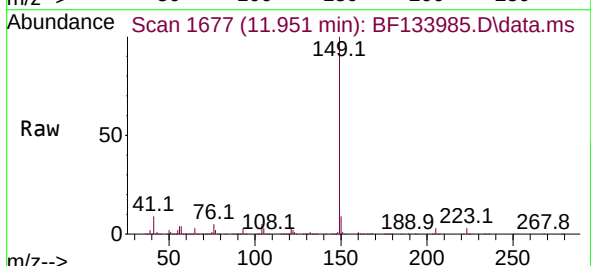
Tgt Ion:167 Resp: 89184
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.8 10.4 15.6

Manual Integrations
 APPROVED

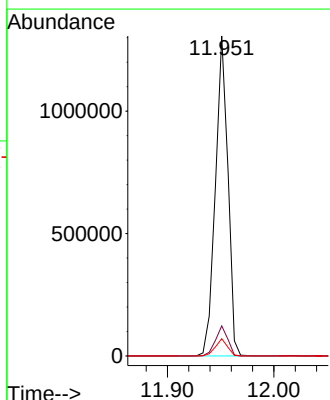
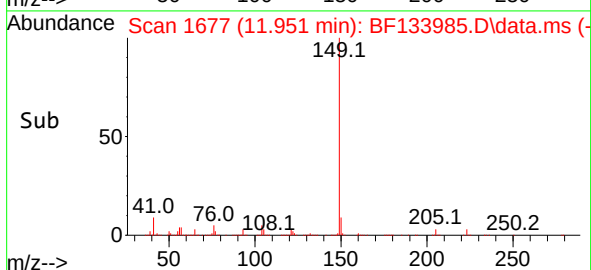
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023

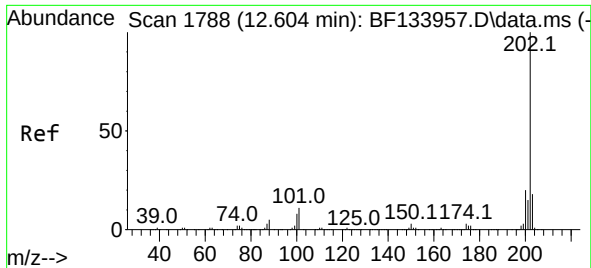


#74
 Di-n-butylphthalate
 Concen: 42.336 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35



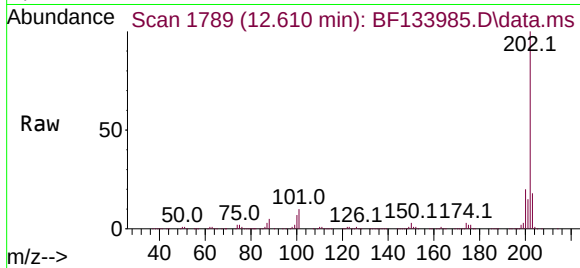
Tgt Ion:149 Resp: 1060736
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 42.489 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

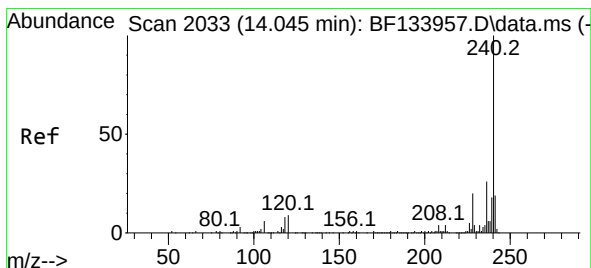
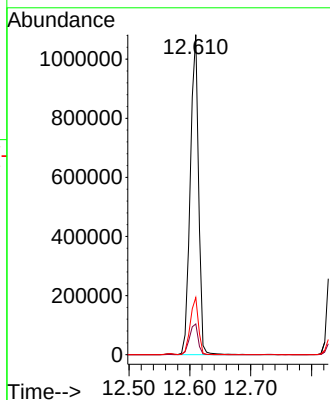
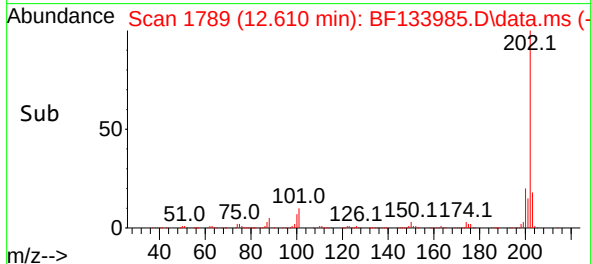
Instrument :
BNA_F
ClientSampleId :
PB153762BS



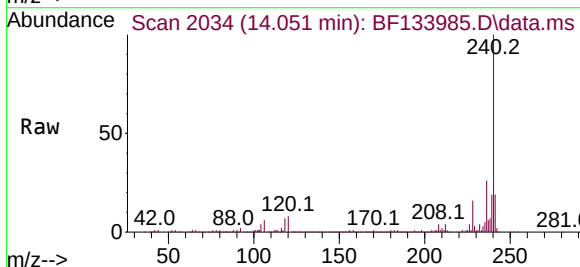
Tgt Ion:202 Resp: 1016594
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.0
203 17.9 0.0 37.6

Manual Integrations
APPROVED

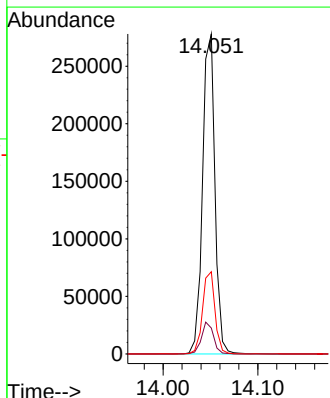
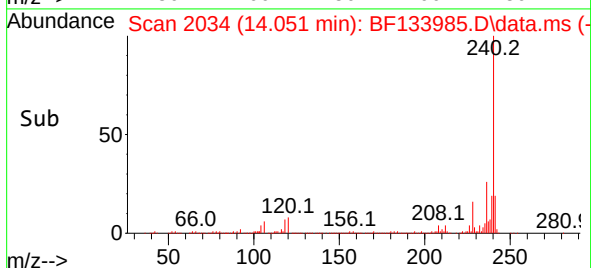
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

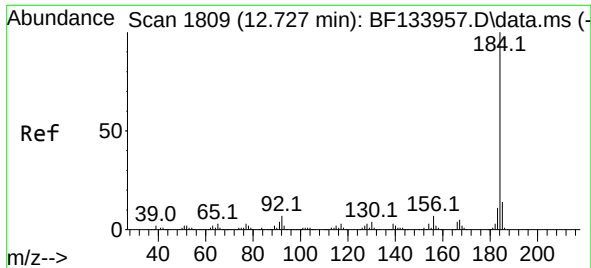


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



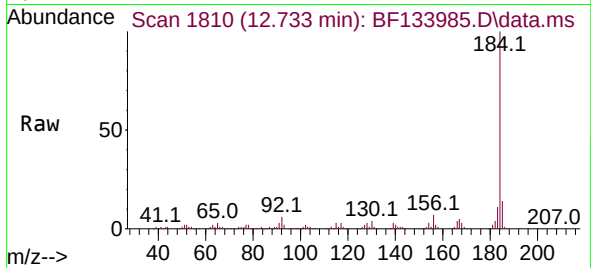
Tgt Ion:240 Resp: 251678
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 25.7 21.0 31.6





#77
Benzidine
Concen: 20.345 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

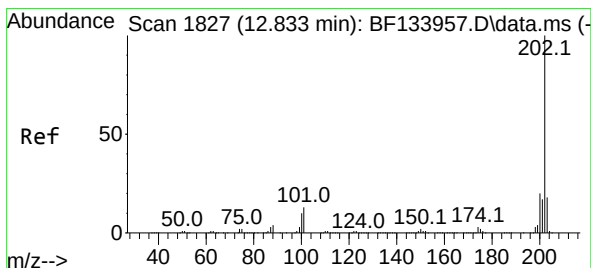
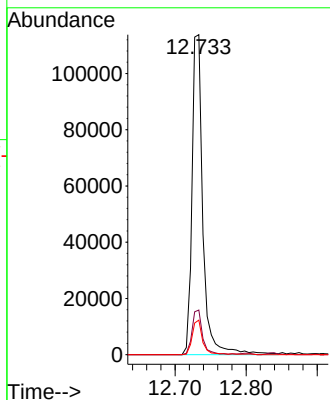
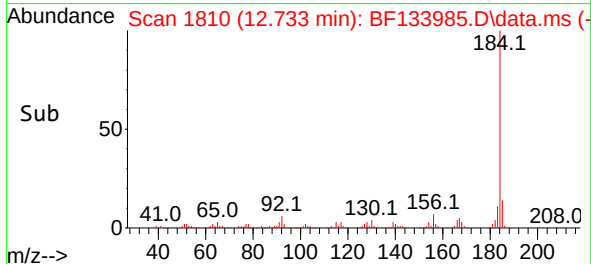
Instrument :
BNA_F
ClientSampleId :
PB153762BS



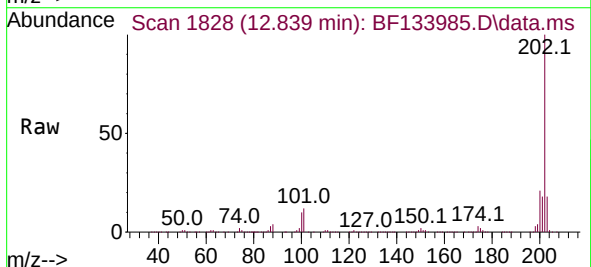
Tgt Ion:184 Resp: 121837
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 10.8 8.8 13.2

Manual Integrations
APPROVED

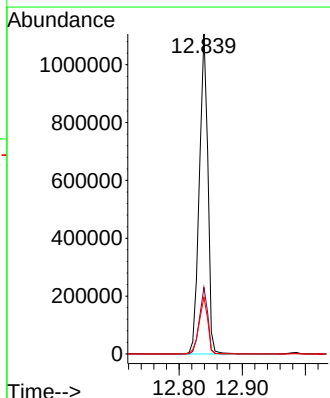
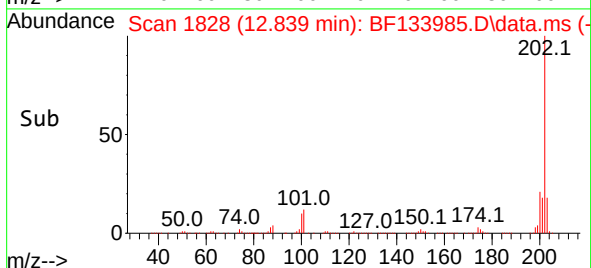
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

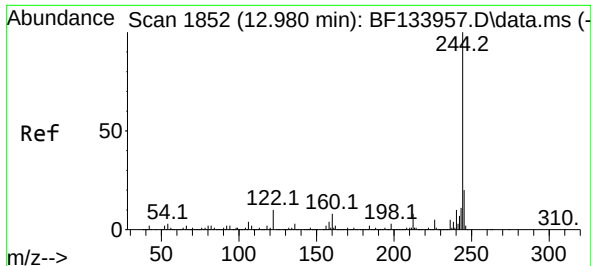


#78
Pyrene
Concen: 43.971 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:202 Resp: 1029887
Ion Ratio Lower Upper
202 100
200 20.8 16.1 24.1
203 17.7 14.3 21.5





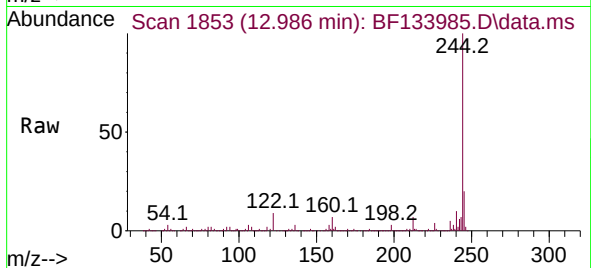
#79
 Terphenyl-d14
 Concen: 90.704 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

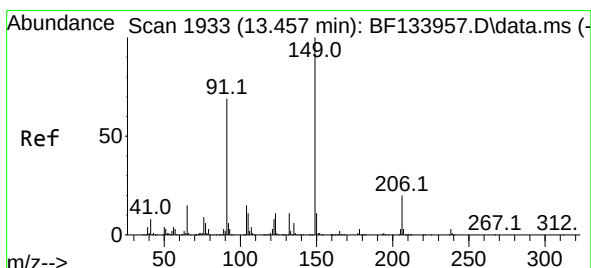
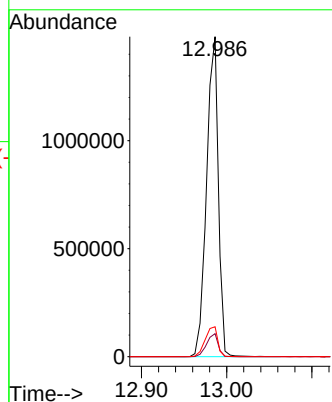
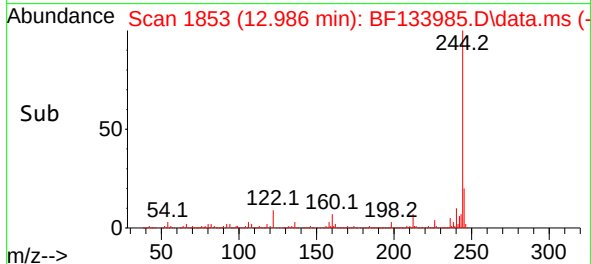


Tgt Ion:244 Resp: 141840
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.3 8.3 12.5

Manual Integrations

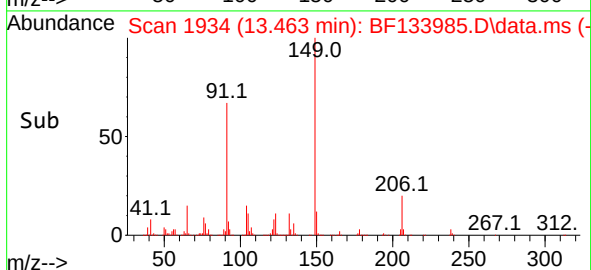
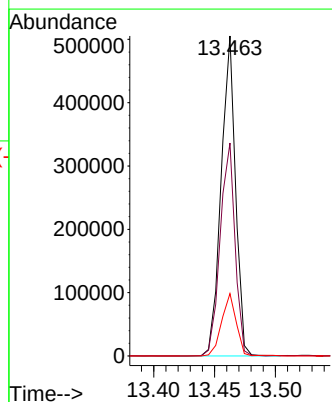
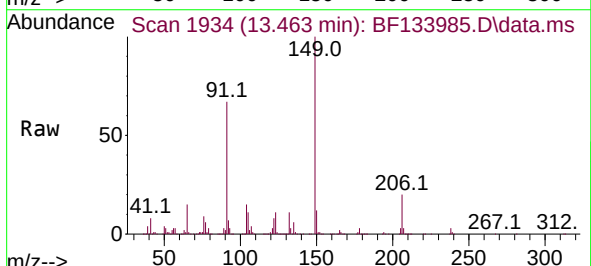
APPROVED

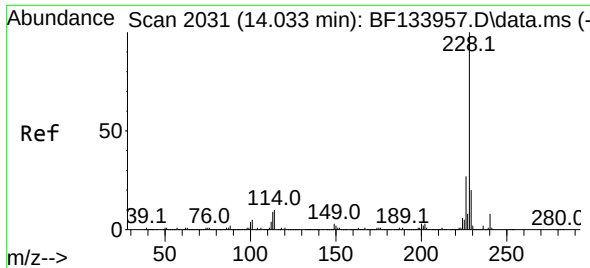
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023



#80
 Butylbenzylphthalate
 Concen: 47.473 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. 0.006 min
 Lab File: BF133985.D
 Acq: 27 Jun 2023 11:35

Tgt Ion:149 Resp: 417024
 Ion Ratio Lower Upper
 149 100
 91 66.6 55.1 82.7
 206 19.5 15.7 23.5





#81
Benzo(a)anthracene
Concen: 41.448 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

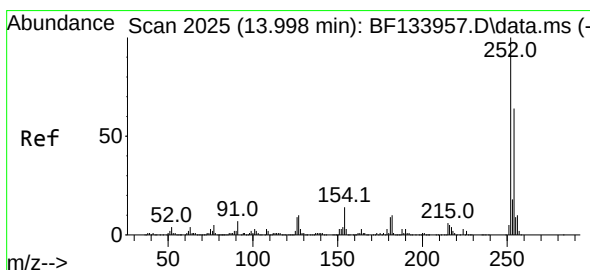
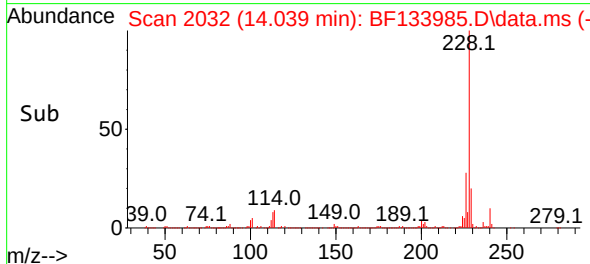
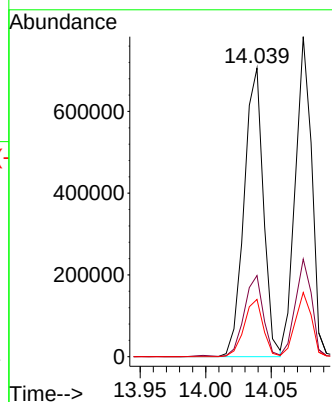
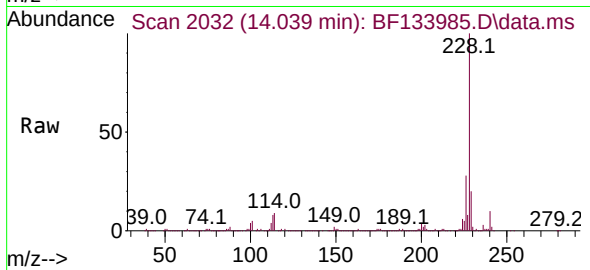
PB153762BS

Tgt Ion:228 Resp: 72345
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 19.8 16.3 24.5

Manual Integrations

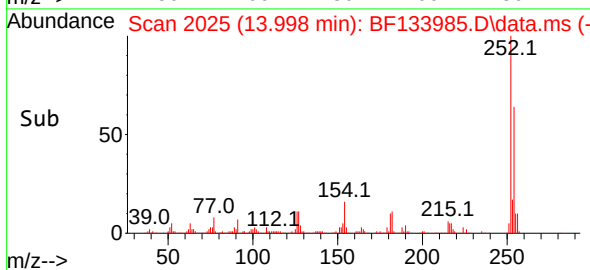
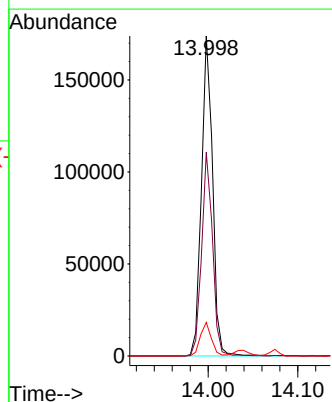
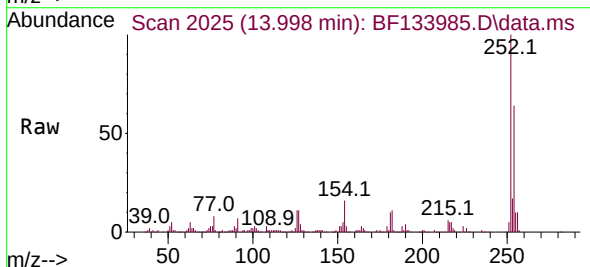
APPROVED

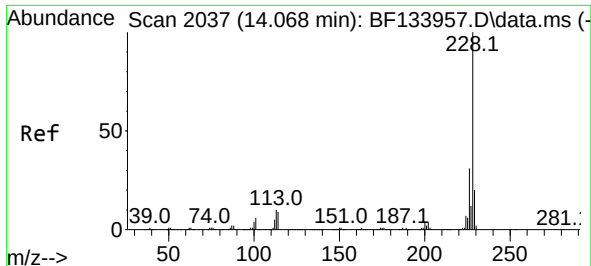
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 27.093 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

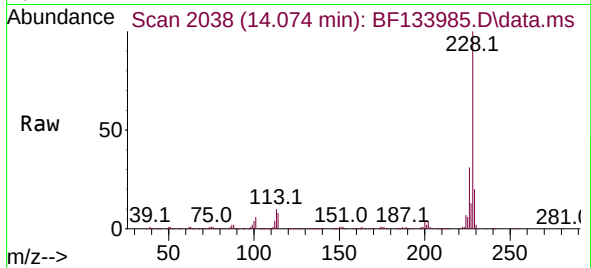
Tgt Ion:252 Resp: 149822
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.0
126 10.5 7.4 11.2





#83
Chrysene
Concen: 40.223 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

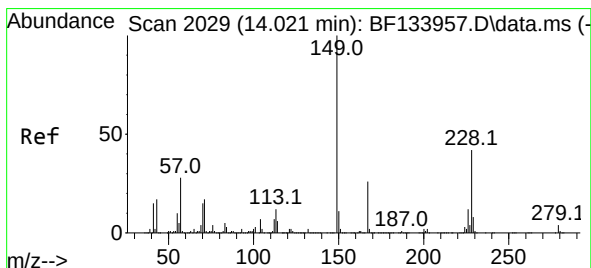
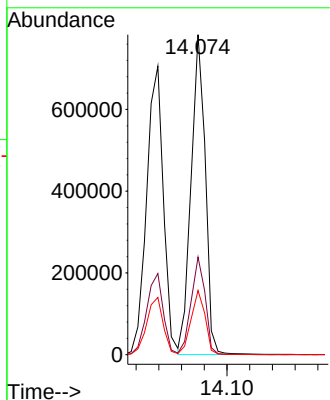
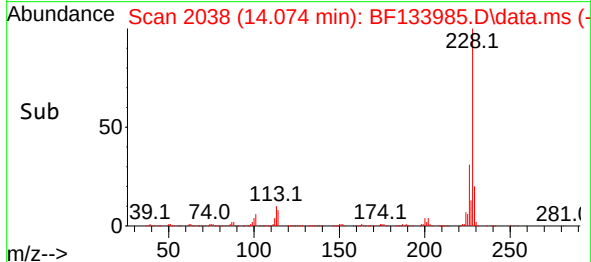
Instrument :
BNA_F
ClientSampleId :
PB153762BS



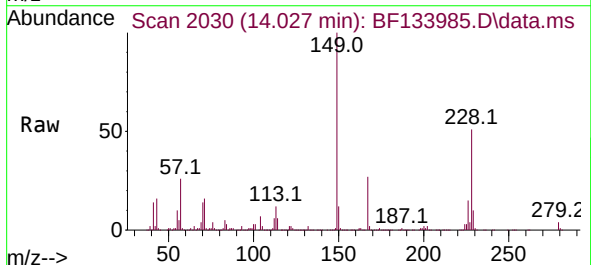
Tgt Ion:228 Resp: 679989
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.1 16.1 24.1

Manual Integrations
APPROVED

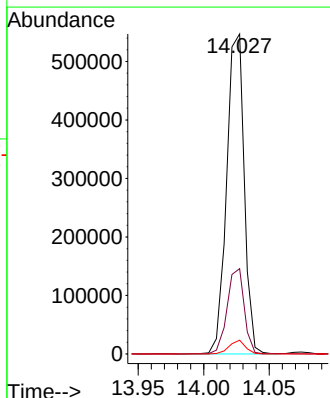
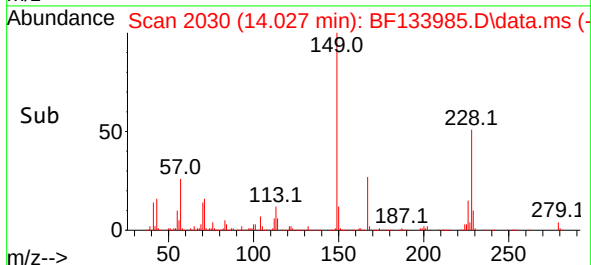
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

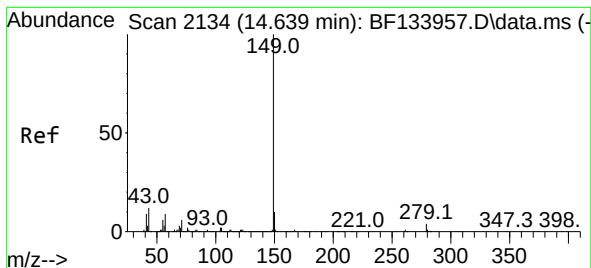


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.500 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:149 Resp: 509736
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.789 ng

RT: 14.645 min Scan# 2135

Delta R.T. 0.006 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:149 Resp: 679110

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

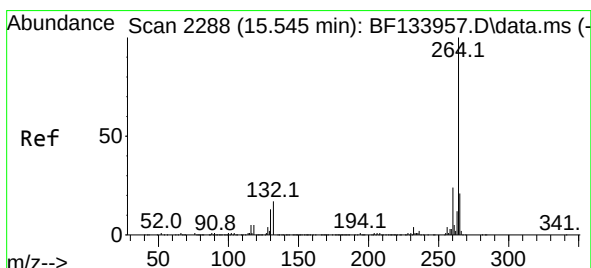
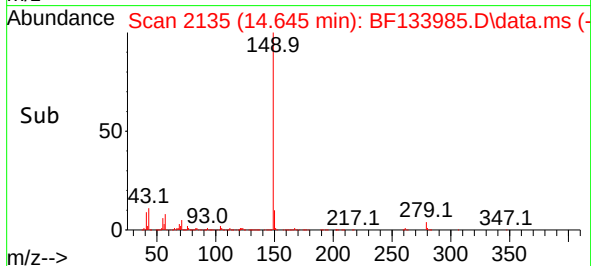
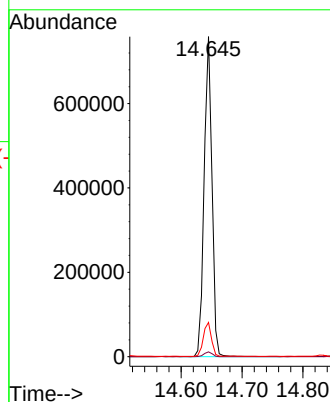
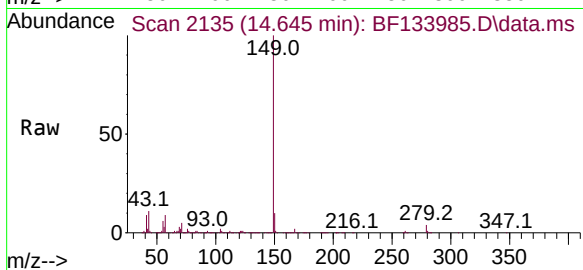
43 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

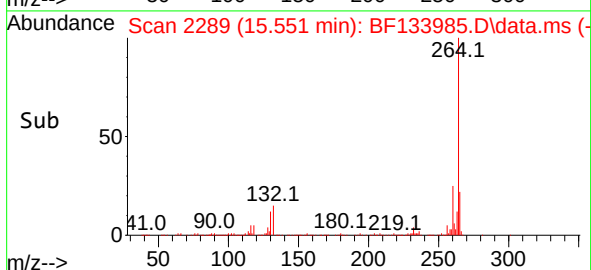
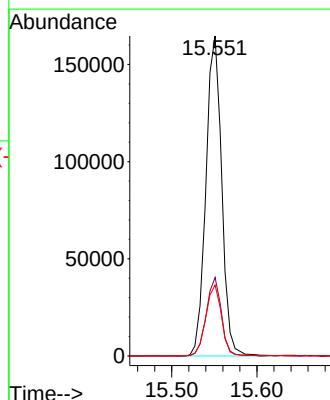
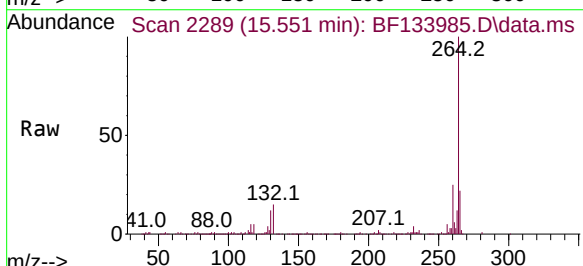
Tgt Ion:264 Resp: 211890

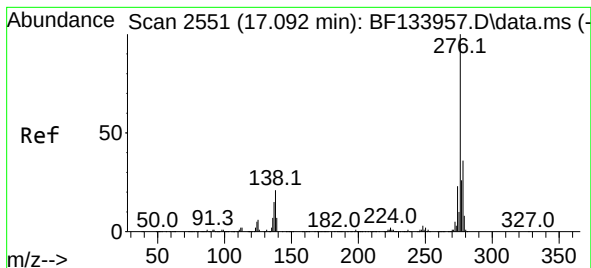
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.442 ng

RT: 17.104 min Scan# 2551

Delta R.T. 0.012 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:276 Resp: 68283

Ion Ratio Lower Upper

276 100

138 21.8 18.7 28.1

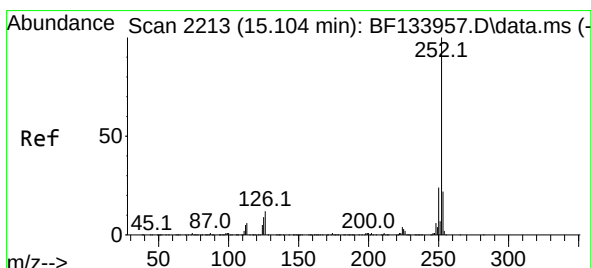
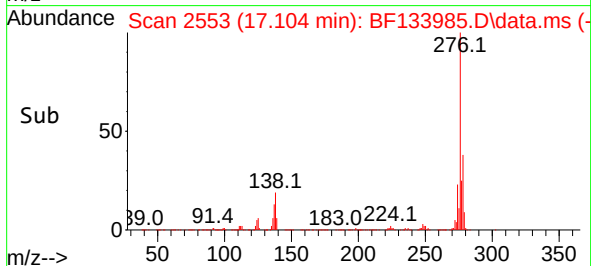
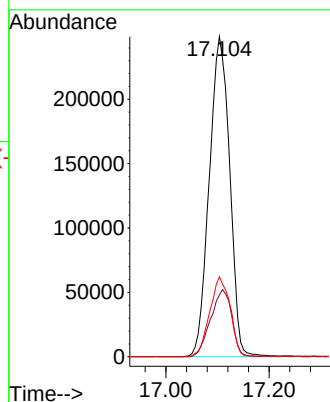
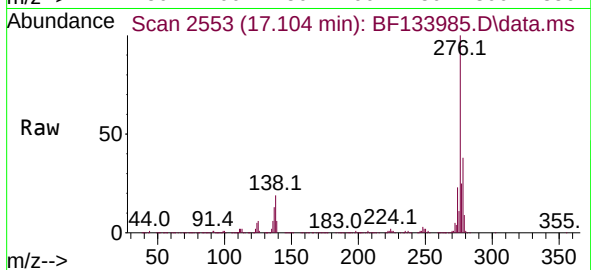
277 25.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#88

Benzo(b)fluoranthene

Concen: 46.637 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF133985.D

Acq: 27 Jun 2023 11:35

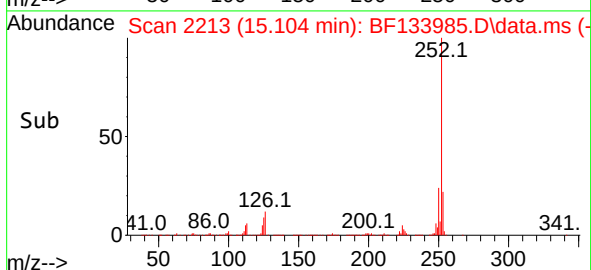
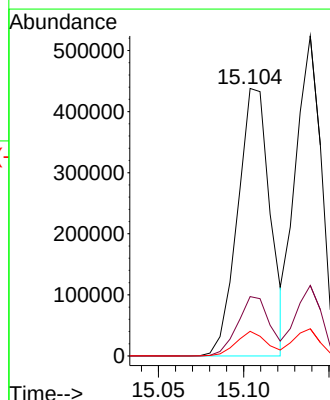
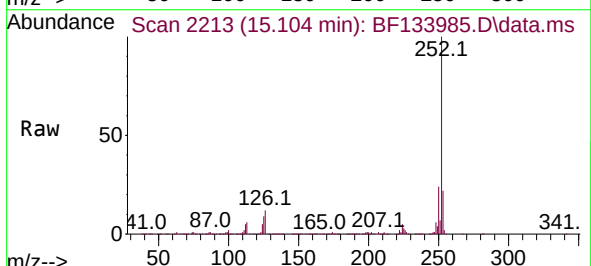
Tgt Ion:252 Resp: 581061

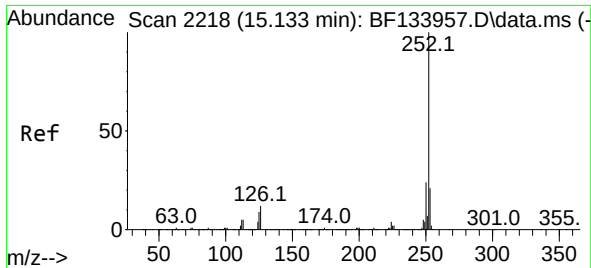
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

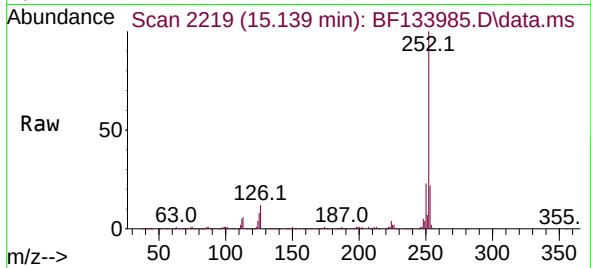
125 9.2 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 44.040 ng
RT: 15.139 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

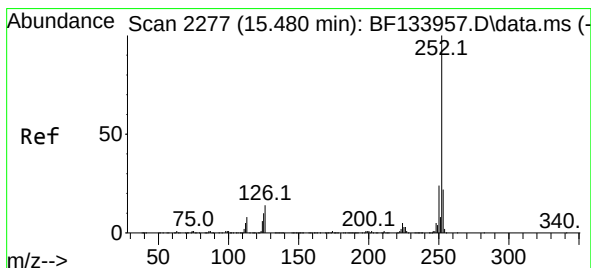
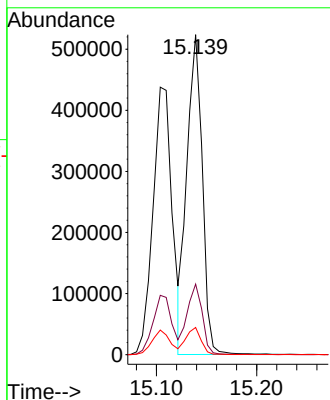
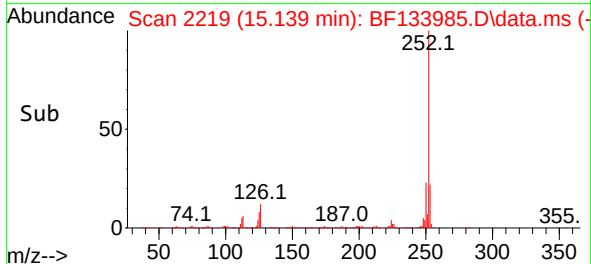
Instrument :
BNA_F
ClientSampleId :
PB153762BS



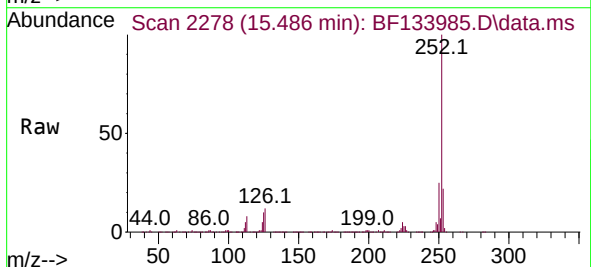
Tgt Ion:252 Resp: 55866
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 8.5 7.4 11.2

Manual Integrations
APPROVED

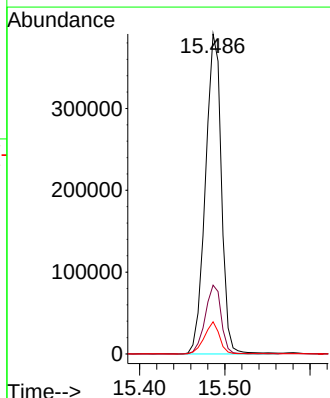
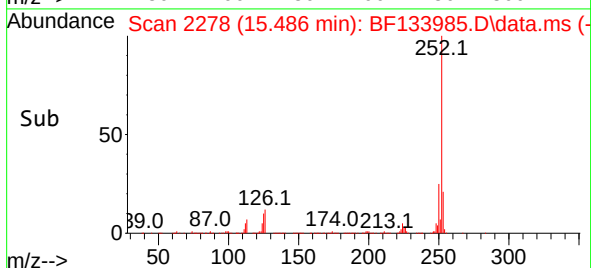
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

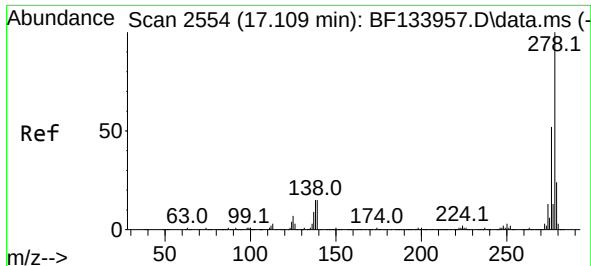


#90
Benzo(a)pyrene
Concen: 42.171 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:252 Resp: 508071
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.0 8.4 12.6





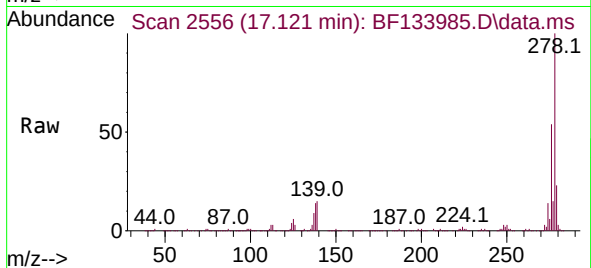
#91
Dibenzo(a,h)anthracene
Concen: 46.149 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB153762BS

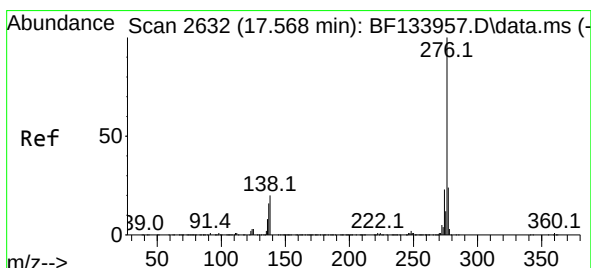
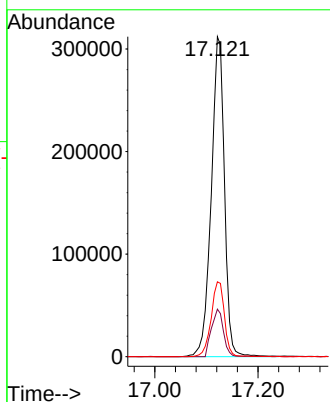
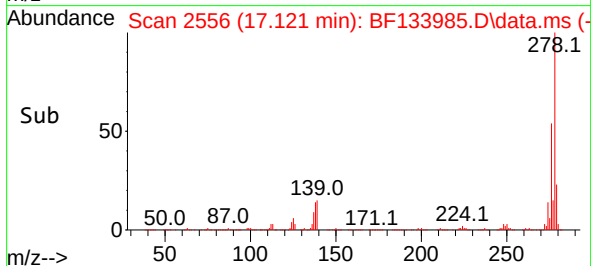


Tgt Ion:278 Resp: 55421
Ion Ratio Lower Upper
278 100
139 14.9 12.2 18.4
279 23.4 19.4 29.2

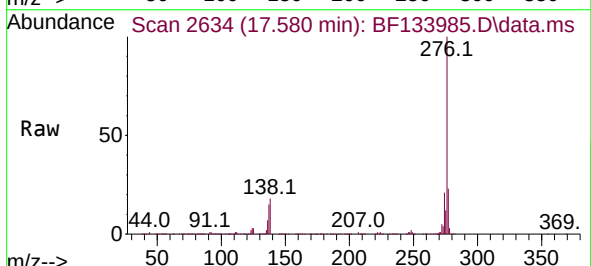
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#92
Benzo(g,h,i)perylene
Concen: 45.218 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.012 min
Lab File: BF133985.D
Acq: 27 Jun 2023 11:35



Tgt Ion:276 Resp: 559995
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 18.4 16.2 24.2

