

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133849.D
 Acq On : 20 Jun 2023 11:10
 Operator : CG\JU
 Sample : PB153261BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 11:48:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	108987	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	430733	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	219045	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	408793	20.000	ng	0.00
76) Chrysene-d12	14.051	240	222919	20.000	ng	0.00
86) Perylene-d12	15.551	264	249548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	755928	120.748	ng	0.00
7) Phenol-d6	6.498	99	903634	110.890	ng	0.00
23) Nitrobenzene-d5	7.422	82	618180	78.170	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	290333	104.711	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1147278	74.454	ng	0.00
79) Terphenyl-d14	12.986	244	1211787	84.114	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	110726	40.230	ng	97
3) Pyridine	3.498	79	246555	30.734	ng	99
4) n-Nitrosodimethylamine	3.463	42	178746	40.309	ng	97
6) Aniline	6.522	93	287822	28.043	ng	95
8) 2-Chlorophenol	6.645	128	295471	44.786	ng	96
9) Benzaldehyde	6.410	77	73164	13.533	ng	100
10) Phenol	6.510	94	356176	41.858	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	273278	43.260	ng	96
12) 1,3-Dichlorobenzene	6.798	146	316851	44.950	ng	98
13) 1,4-Dichlorobenzene	6.875	146	324232	45.509	ng	98
14) 1,2-Dichlorobenzene	7.028	146	310515	48.234	ng	97
15) Benzyl Alcohol	7.004	79	271996	42.736	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	496990	46.411	ng	99
17) 2-Methylphenol	7.110	107	247739	42.365	ng	99
18) Hexachloroethane	7.369	117	119775	49.107	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	212706	41.026	ng	98
20) 3+4-Methylphenols	7.263	107	300462	39.498	ng	91
22) Acetophenone	7.269	105	415840	42.093	ng	# 96
24) Nitrobenzene	7.445	77	333843	41.924	ng	97
25) Isophorone	7.681	82	594356	40.938	ng	99
26) 2-Nitrophenol	7.757	139	165001	46.171	ng	97
27) 2,4-Dimethylphenol	7.792	122	267051	43.355	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	340659	40.597	ng	100
29) 2,4-Dichlorophenol	7.998	162	255817	42.375	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	268304	42.598	ng	97
31) Naphthalene	8.163	128	845412	40.286	ng	99
32) Benzoic acid	7.916	122	202654	52.166	ng	95
33) 4-Chloroaniline	8.210	127	94090	10.486	ng	94
34) Hexachlorobutadiene	8.275	225	167357	40.583	ng	98
35) Caprolactam	8.586	113	84541m	41.617	ng	
36) 4-Chloro-3-methylphenol	8.692	107	284725	40.917	ng	98
37) 2-Methylnaphthalene	8.851	142	572370	39.255	ng	99
38) 1-Methylnaphthalene	8.951	142	532099	39.658	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	271589	40.784	ng	99
41) Hexachlorocyclopentadiene	9.004	237	337850	113.849	ng	95
43) 2,4,6-Trichlorophenol	9.133	196	182235	40.952	ng	96

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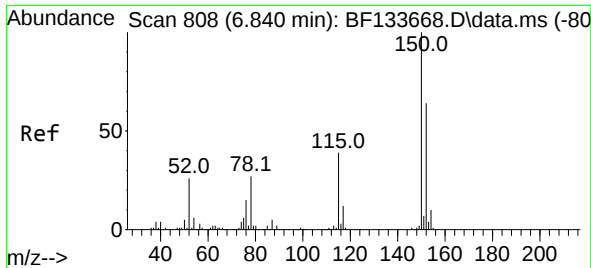
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	197954	38.237	ng	99
46) 1,1'-Biphenyl	9.322	154	725475	41.065	ng	99
47) 2-Chloronaphthalene	9.345	162	532342	42.008	ng	100
48) 2-Nitroaniline	9.439	65	186761	40.297	ng	95
49) Acenaphthylene	9.763	152	884738	40.113	ng	99
50) Dimethylphthalate	9.622	163	635894	38.893	ng	99
51) 2,6-Dinitrotoluene	9.686	165	140774	41.714	ng	90
52) Acenaphthene	9.933	154	517002	40.046	ng	99
53) 3-Nitroaniline	9.851	138	93404	22.743	ng	87
54) 2,4-Dinitrophenol	9.963	184	166341	99.375	ng	88
55) Dibenzofuran	10.104	168	792389	40.223	ng	97
56) 4-Nitrophenol	10.022	139	215802	77.859	ng	85
57) 2,4-Dinitrotoluene	10.092	165	184899	43.079	ng	98
58) Fluorene	10.451	166	612352	40.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	168206	43.398	ng	98
60) Diethylphthalate	10.322	149	662587	39.818	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	294685	39.623	ng	97
62) 4-Nitroaniline	10.475	138	144529	35.893	ng	97
63) Azobenzene	10.604	77	628890	39.922	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	105678	54.099	ng	76
66) n-Nitrosodiphenylamine	10.563	169	537741	39.161	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	181679	39.819	ng	96
68) Hexachlorobenzene	10.998	284	203337	42.379	ng	98
69) Atrazine	11.092	200	166288	41.737	ng	97
70) Pentachlorophenol	11.192	266	218042	75.891	ng	97
71) Phenanthrene	11.416	178	853690	41.161	ng	100
72) Anthracene	11.469	178	871670	40.308	ng	100
73) Carbazole	11.627	167	775343	38.495	ng	98
74) Di-n-butylphthalate	11.957	149	968525	37.509	ng	99
75) Fluoranthene	12.610	202	850612	38.621	ng	98
77) Benzidine	12.733	184	237662	31.772	ng	98
78) Pyrene	12.839	202	894229	43.063	ng	100
80) Butylbenzylphthalate	13.463	149	342461	39.064	ng	97
81) Benzo(a)anthracene	14.039	228	635218	41.196	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	161898	31.582	ng	# 97
83) Chrysene	14.074	228	600620	41.184	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	429590	39.798	ng	99
85) Di-n-octyl phthalate	14.651	149	720596	46.977	ng	99
87) Indeno(1,2,3-cd)pyrene	17.109	276	804366	46.852	ng	98
88) Benzo(b)fluoranthene	15.110	252	636105	41.962	ng	100
89) Benzo(k)fluoranthene	15.139	252	619840	41.976	ng	98
90) Benzo(a)pyrene	15.492	252	576823	41.000	ng	99
91) Dibenzo(a,h)anthracene	17.127	278	649019	45.663	ng	99
92) Benzo(g,h,i)perylene	17.580	276	650360	46.150	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

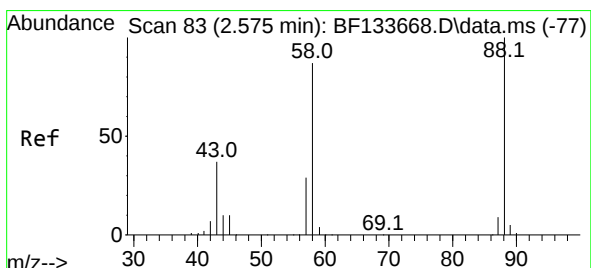
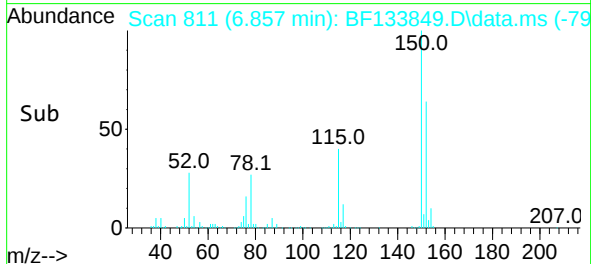
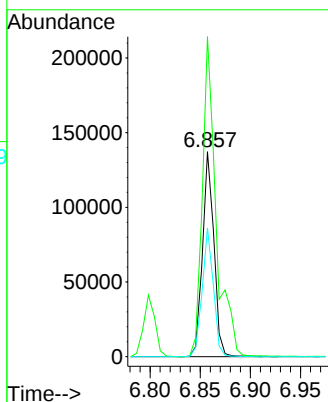
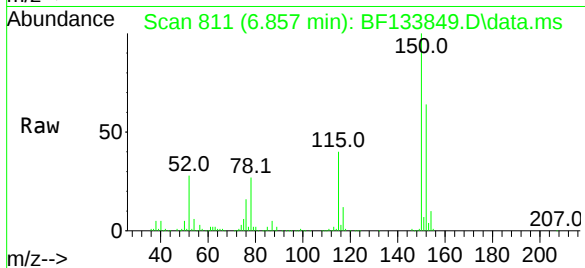
ClientSampleId :

PB153261BS

Tgt Ion:152 Resp: 10898
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 62.8 48.5 72.7

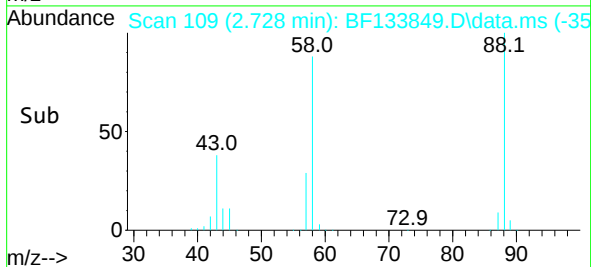
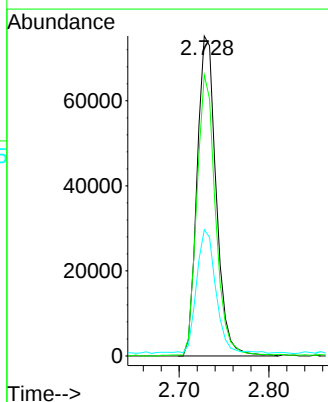
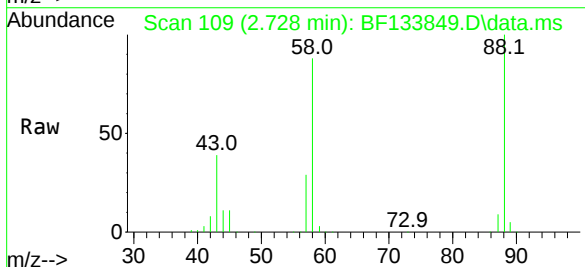
Manual Integrations
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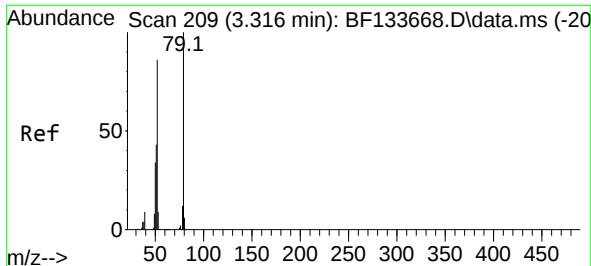
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#2
1,4-Dioxane
Concen: 40.230 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.088 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

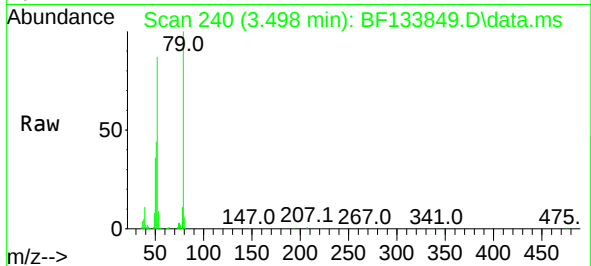
Tgt Ion: 88 Resp: 110726
Ion Ratio Lower Upper
88 100
58 86.6 67.8 101.6
43 39.5 29.8 44.6





#3
Pyridine
Concen: 30.734 ng
RT: 3.498 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

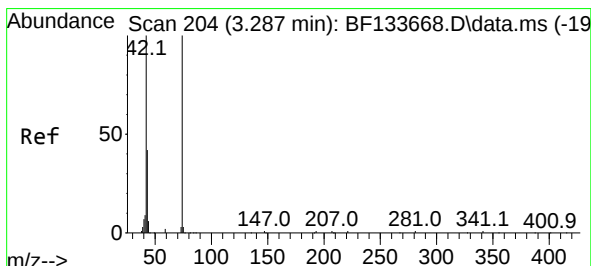
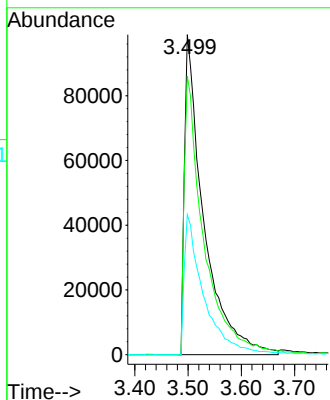
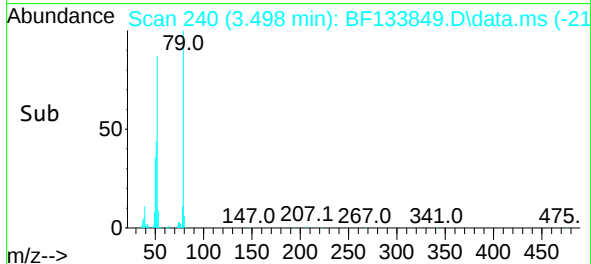
Instrument :
BNA_F
ClientSampleId :
PB153261BS



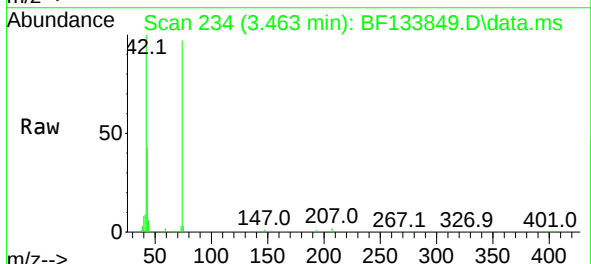
Tgt Ion: 79 Resp: 24655
Ion Ratio Lower Upper
79 100
52 87.1 68.6 102.8
51 43.8 34.8 52.2

Manual Integrations
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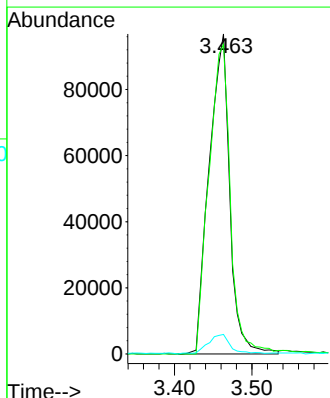
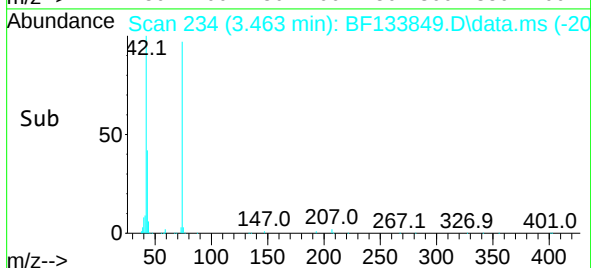
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

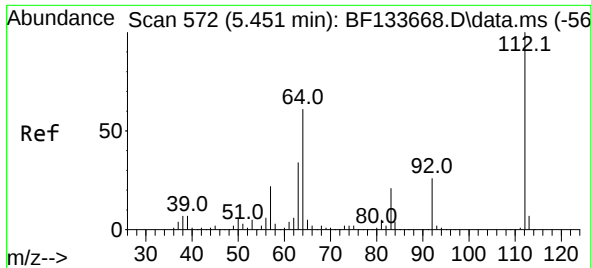


#4
n-Nitrosodimethylamine
Concen: 40.309 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.076 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion: 42 Resp: 178746
Ion Ratio Lower Upper
42 100
74 96.7 79.8 119.8
44 6.1 4.7 7.1





#5
2-Fluorophenol
Concen: 120.748 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

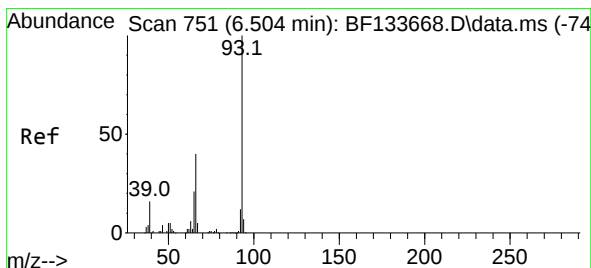
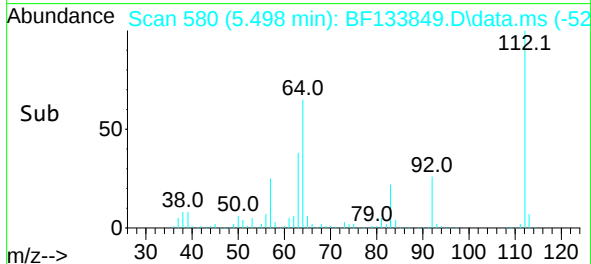
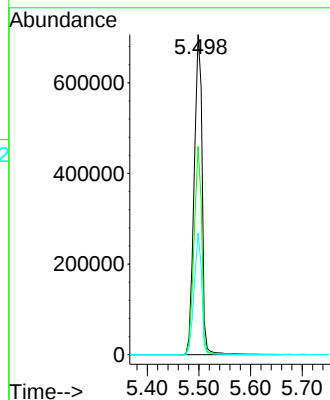
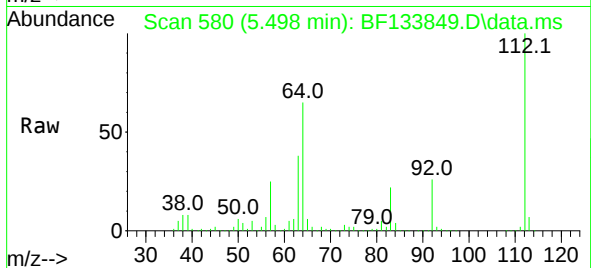
PB153261BS

Tgt Ion:112 Resp: 755928
Ion Ratio Lower Upper
112 100
64 65.1 49.0 73.4
63 38.1 26.8 40.2

Manual Integrations

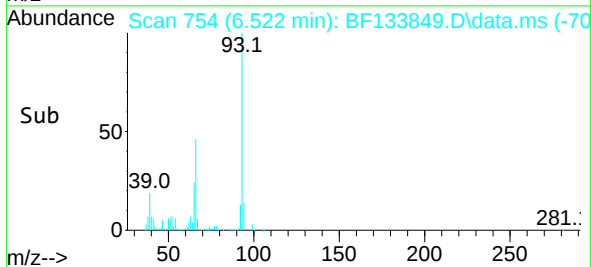
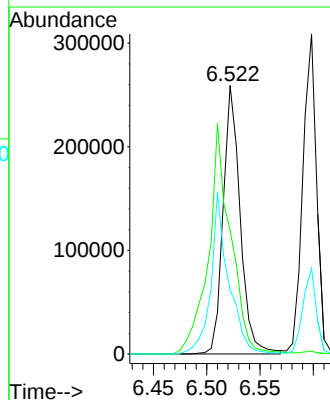
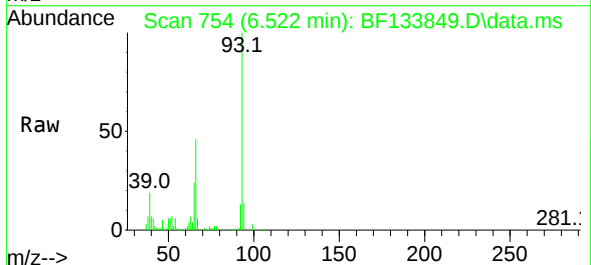
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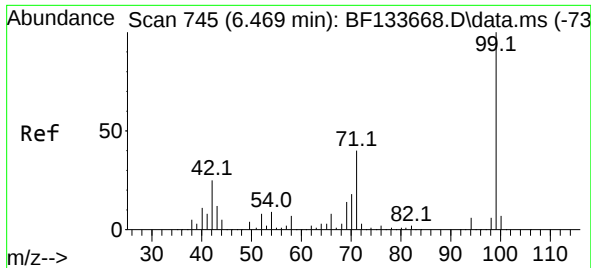
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#6
Aniline
Concen: 28.043 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

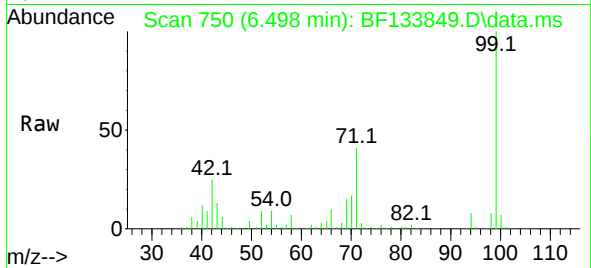
Tgt Ion: 93 Resp: 287822
Ion Ratio Lower Upper
93 100
66 46.0 34.4 51.6
65 23.8 17.5 26.3





#7
Phenol-d6
Concen: 110.890 ng
RT: 6.498 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

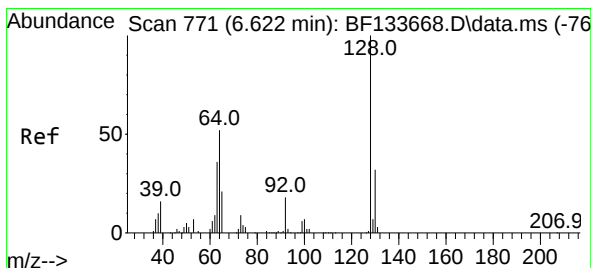
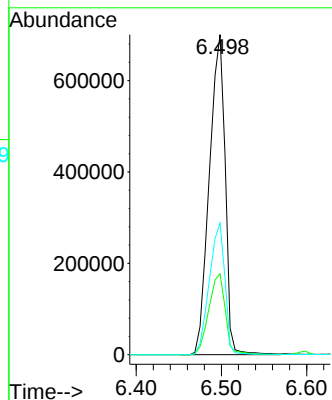
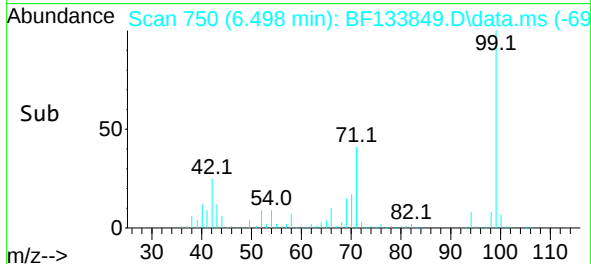
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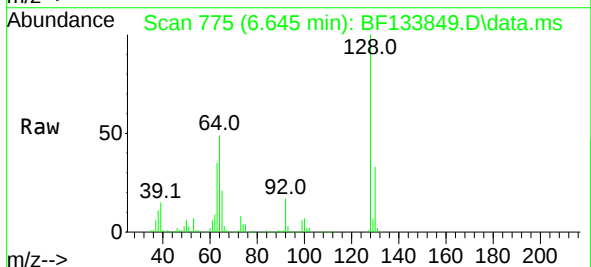
Tgt Ion: 99 Resp: 903634
Ion Ratio Lower Upper
99 100
42 25.3 19.9 29.9
71 41.1 32.2 48.4

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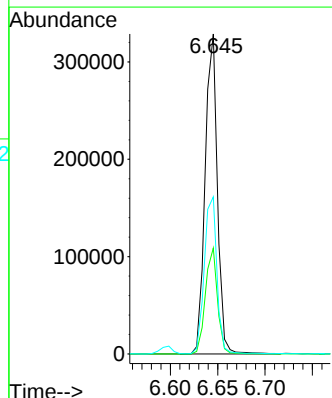
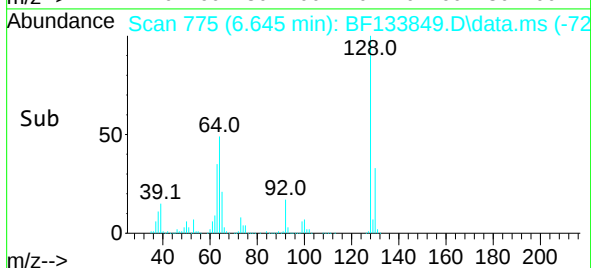
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#8
2-Chlorophenol
Concen: 44.786 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:128 Resp: 295471
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 49.1 33.1 73.1





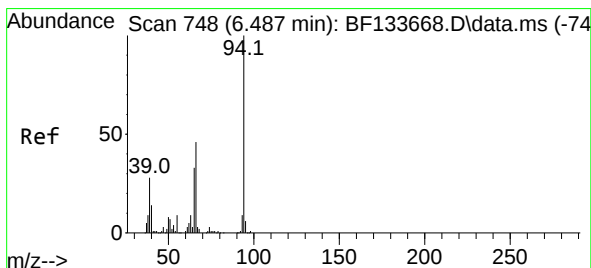
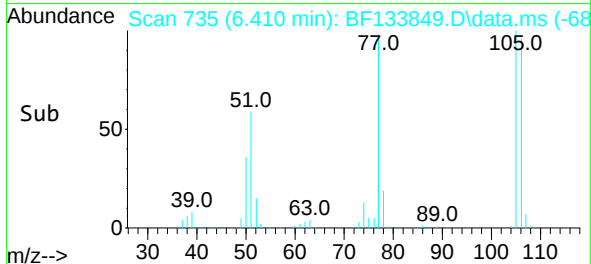
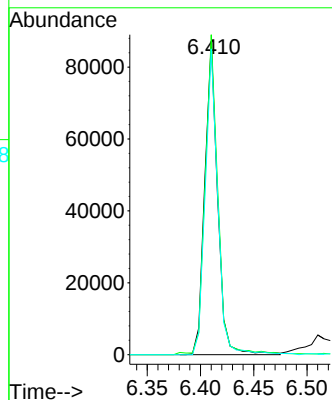
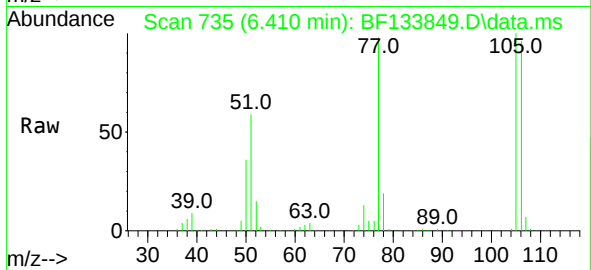
#9
Benzaldehyde
Concen: 13.533 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :
BNA_F
ClientSampleId :
PB153261BS

Tgt Ion: 77 Resp: 73164
Ion Ratio Lower Upper
77 100
105 102.1 82.0 122.0
106 97.6 77.6 117.6

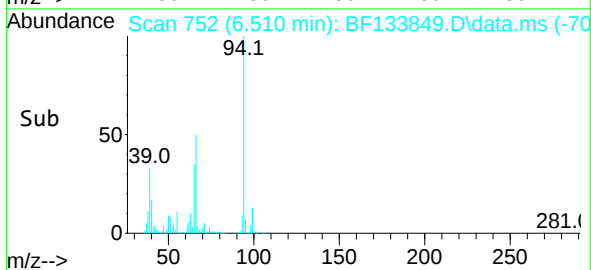
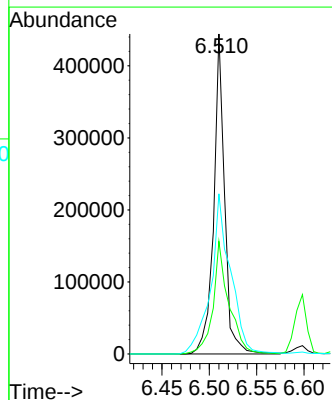
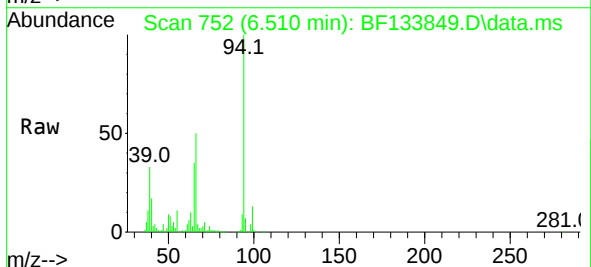
Manual Integrations
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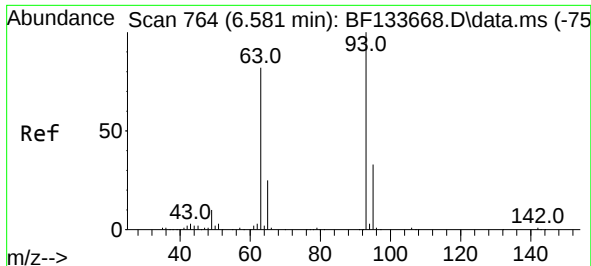
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Phenol
Concen: 41.858 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion: 94 Resp: 356176
Ion Ratio Lower Upper
94 100
65 35.2 13.2 53.2
66 50.1 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 43.260 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

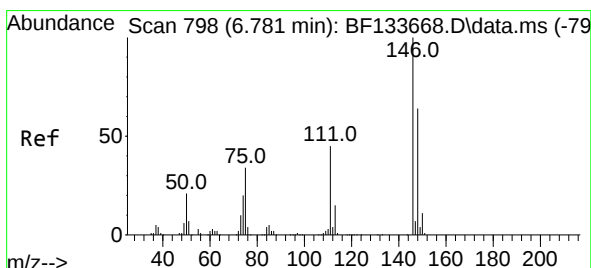
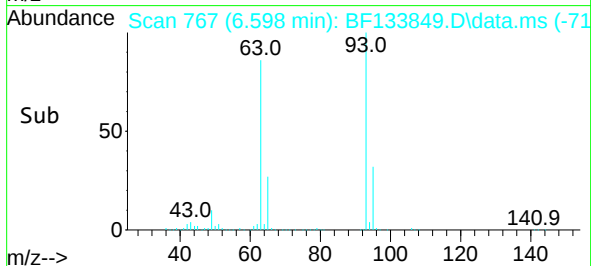
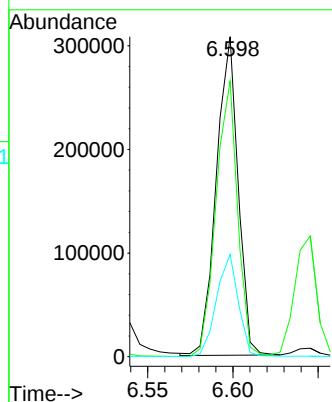
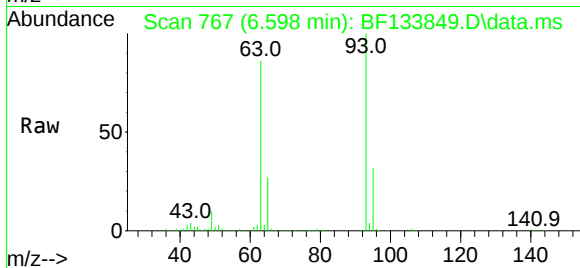
ClientSampleId :

PB153261BS

Tgt Ion: 93 Resp: 273278
Ion Ratio Lower Upper
93 100
63 86.2 62.1 102.1
95 32.0 13.0 53.0

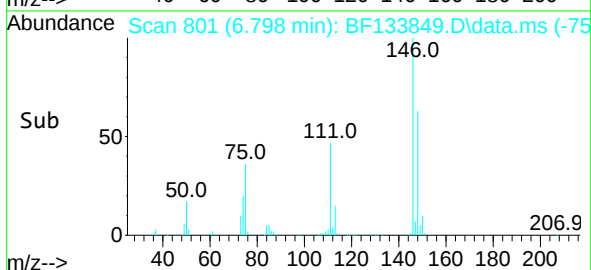
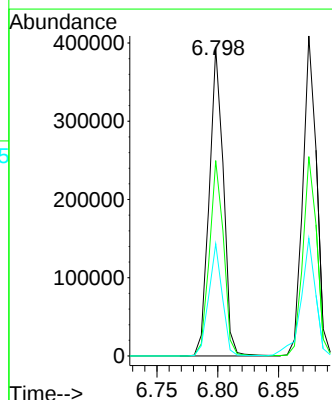
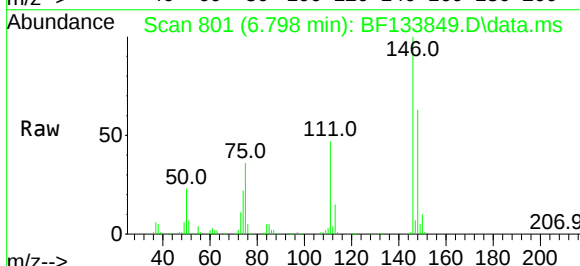
Manual Integrations
APPROVED

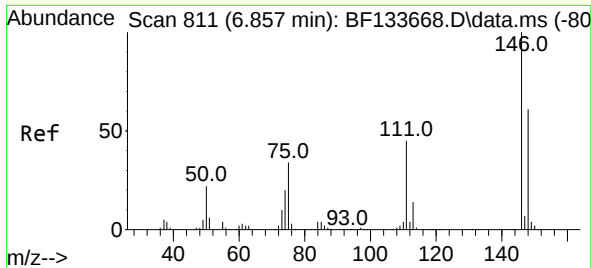
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
1,3-Dichlorobenzene
Concen: 44.950 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:146 Resp: 316851
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 36.4 27.1 40.7





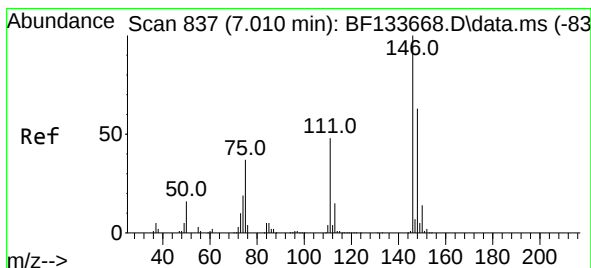
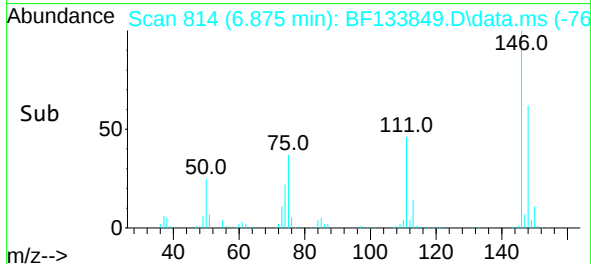
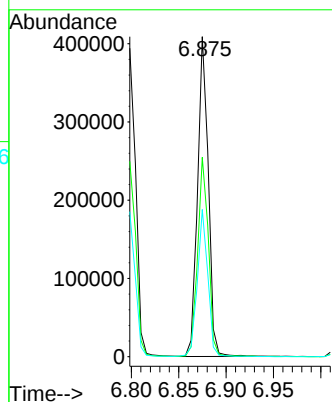
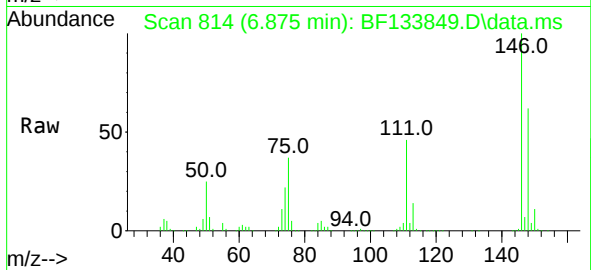
#13
1,4-Dichlorobenzene
Concen: 45.509 ng
RT: 6.875 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :
BNA_F
ClientSampleId :
PB153261BS

Tgt Ion:146 Resp: 32423
Ion Ratio Lower Upper
146 100
148 62.3 48.9 73.3
111 46.0 35.8 53.6

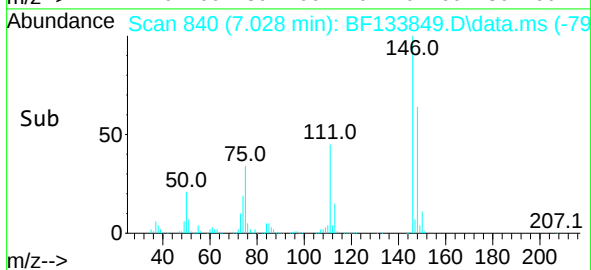
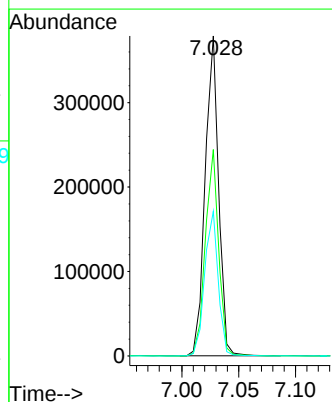
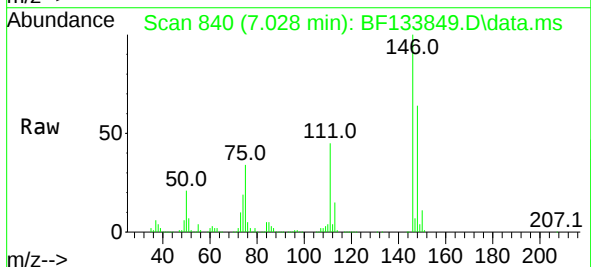
Manual Integrations
APPROVED

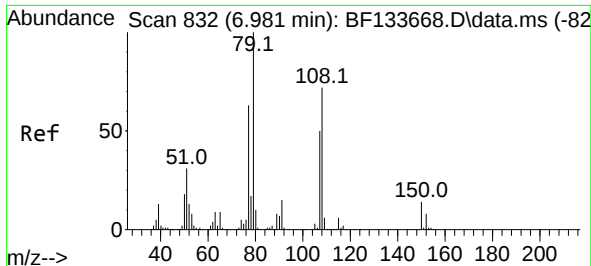
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#14
1,2-Dichlorobenzene
Concen: 48.234 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:146 Resp: 310515
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
111 45.2 38.7 58.1





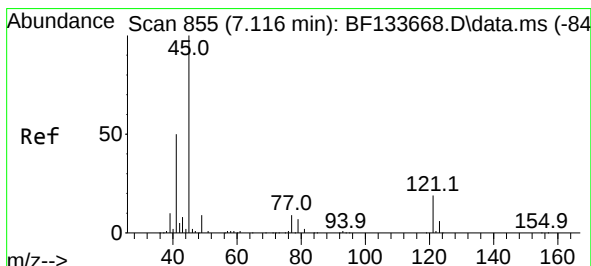
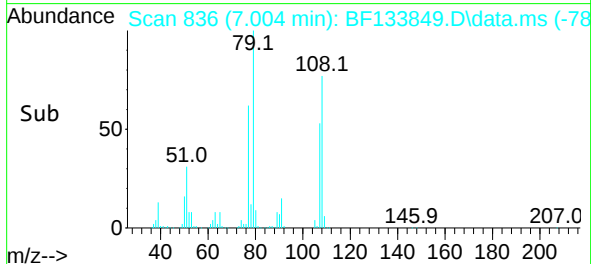
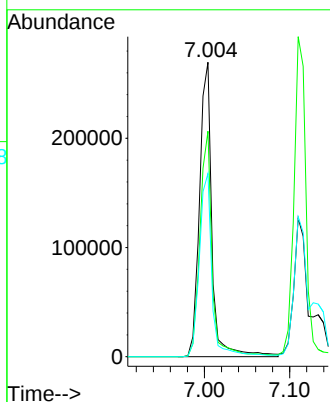
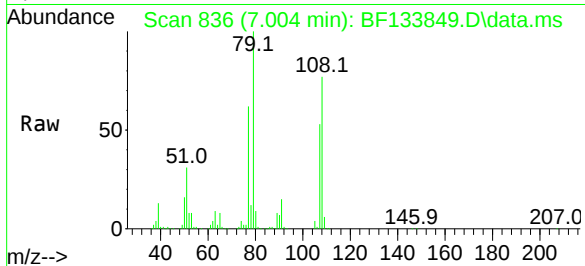
#15
Benzyl Alcohol
Concen: 42.736 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :
BNA_F
ClientSampleId :
PB153261BS

Tgt Ion: 79 Resp: 271990
Ion Ratio Lower Upper
79 100
108 76.6 57.9 86.9
77 62.2 50.4 75.6

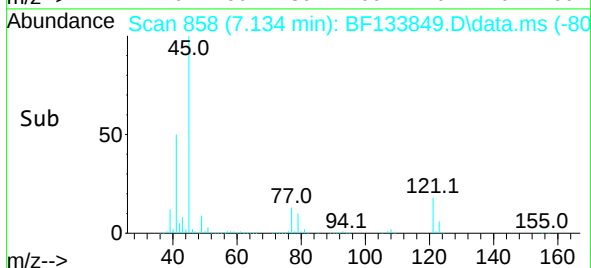
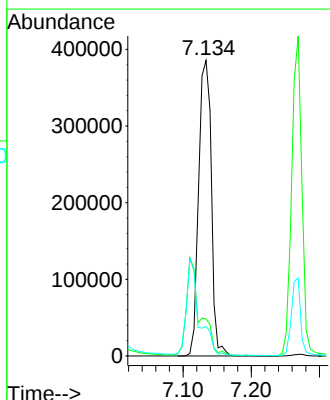
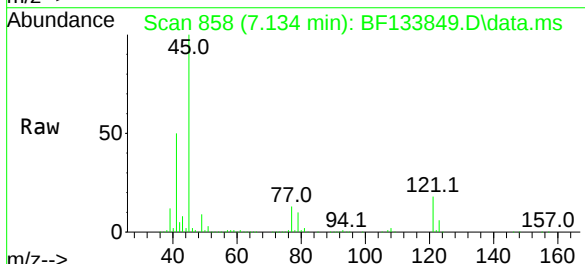
Manual Integrations
APPROVED

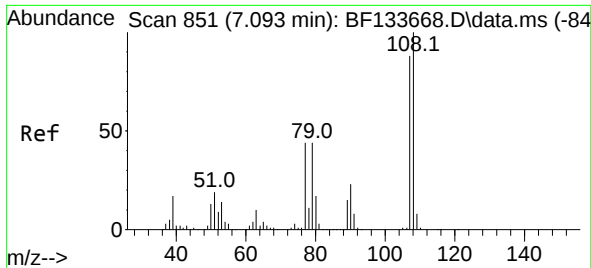
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.411 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion: 45 Resp: 496990
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 10.0 0.0 29.4





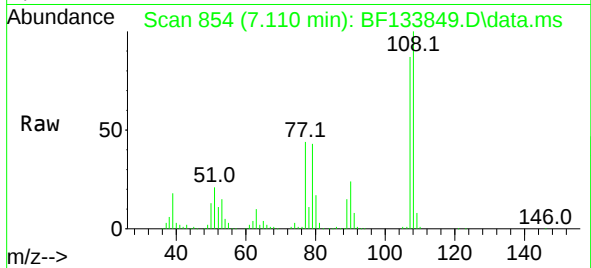
#17
2-Methylphenol
Concen: 42.365 ng
RT: 7.110 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

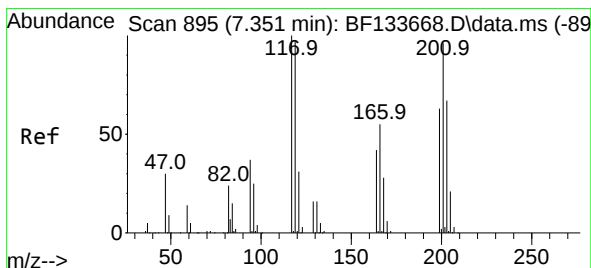
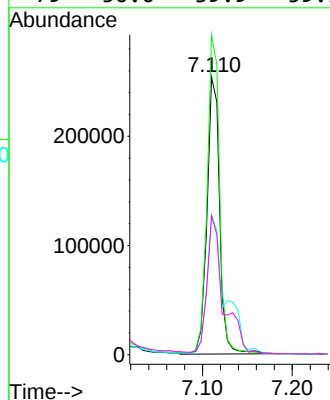
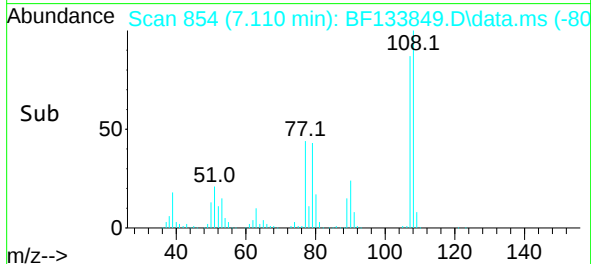


Tgt Ion:107 Resp: 247735
Ion Ratio Lower Upper
107 100
108 115.4 90.9 136.3
77 50.4 39.8 59.6
79 50.0 39.9 59.9

Manual Integrations

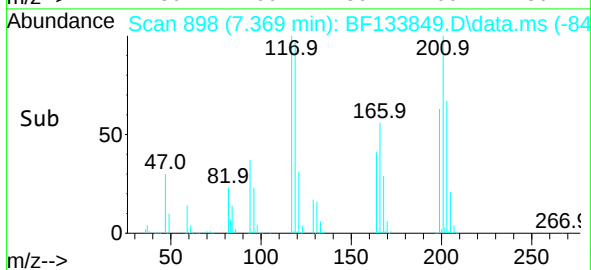
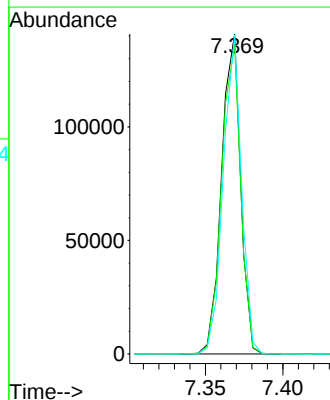
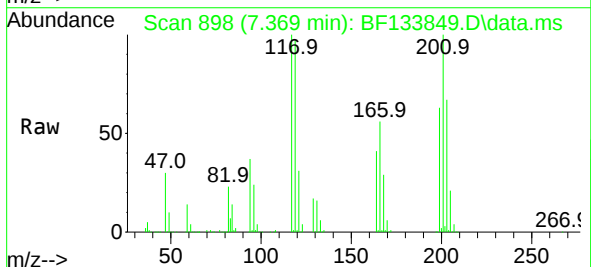
APPROVED

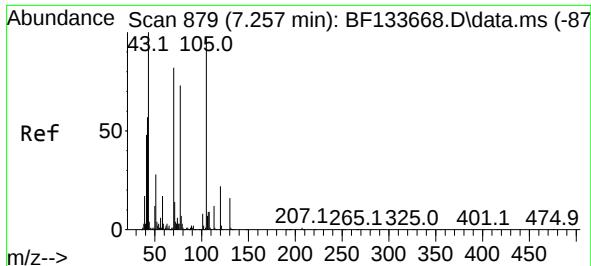
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#18
Hexachloroethane
Concen: 49.107 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:117 Resp: 119775
Ion Ratio Lower Upper
117 100
119 96.5 77.3 115.9
201 99.7 76.8 115.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.026 ng

RT: 7.275 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133849.D

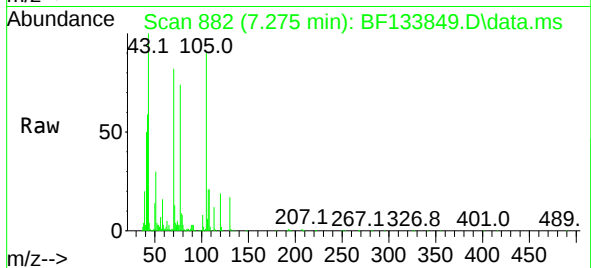
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion: 70 Resp: 212700

Ion Ratio Lower Upper

70 100

42 72.1 55.8 83.8

101 10.0 8.1 12.1

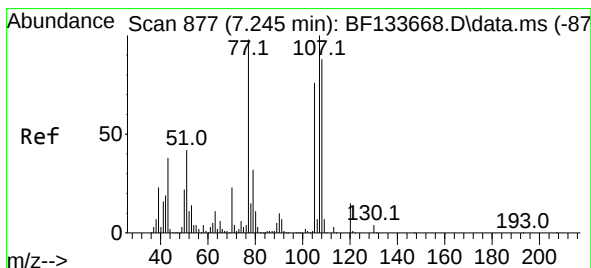
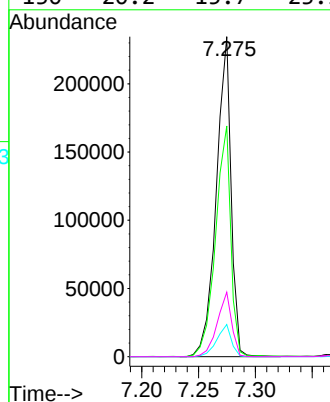
130 20.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#20

3+4-Methylphenols

Concen: 39.498 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

Tgt Ion:107 Resp: 300462

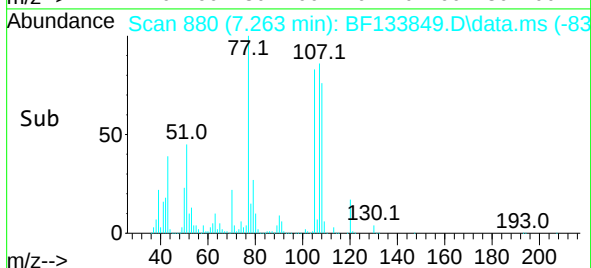
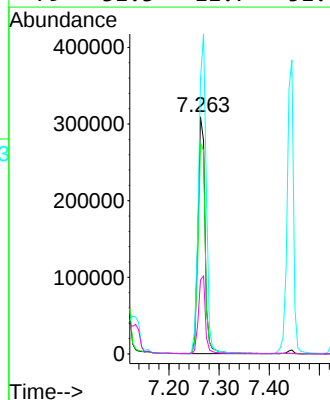
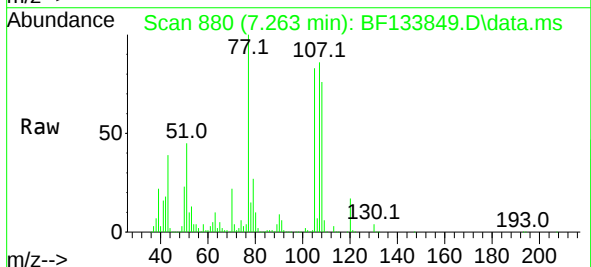
Ion Ratio Lower Upper

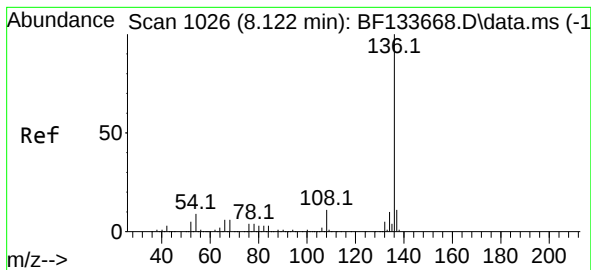
107 100

108 88.7 67.9 107.9

77 116.1 77.7 117.7

79 31.3 11.7 51.7





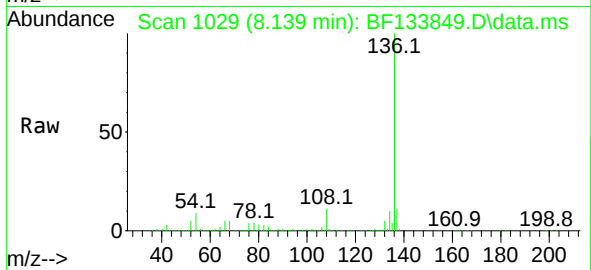
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

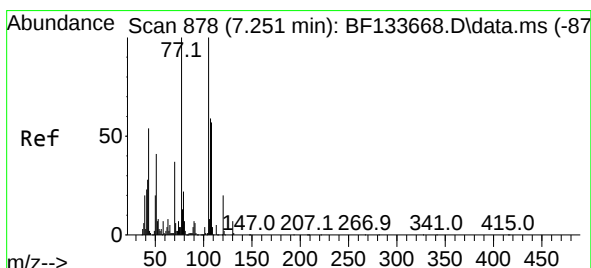
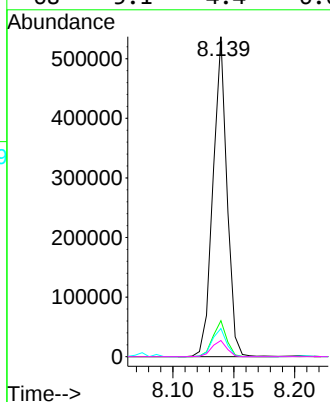
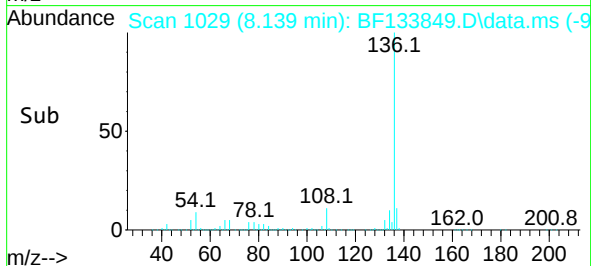


Tgt Ion:136 Resp: 430733
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 7.4 11.0
68 5.1 4.4 6.6

Manual Integrations

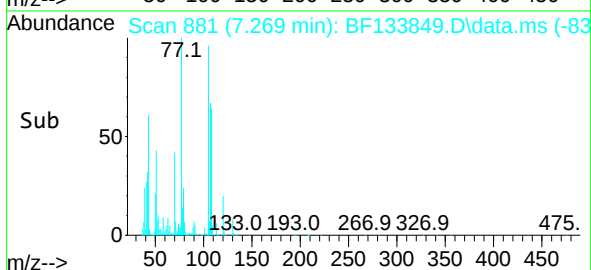
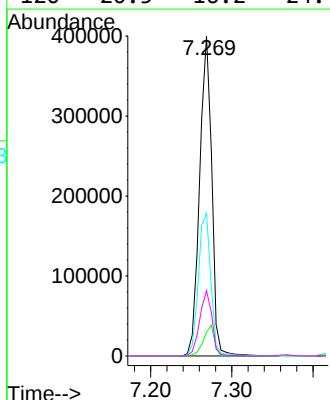
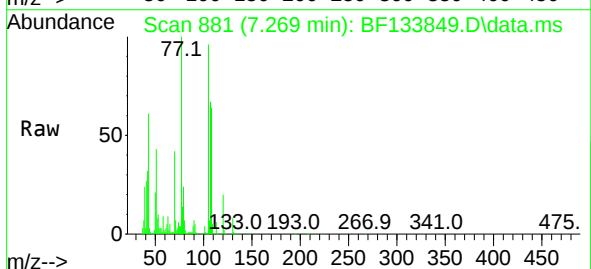
APPROVED

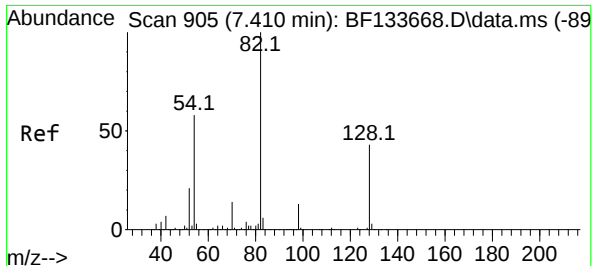
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#22
Acetophenone
Concen: 42.093 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:105 Resp: 415840
Ion Ratio Lower Upper
105 100
71 7.4 4.8 7.2#
51 44.6 33.0 49.4
120 20.5 16.2 24.4





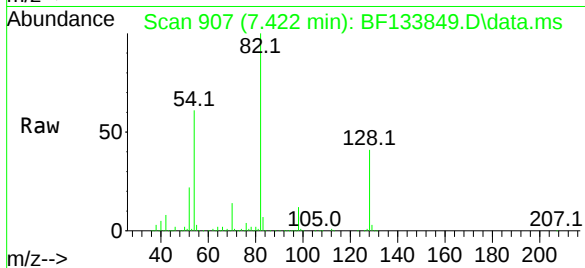
#23
Nitrobenzene-d5
Concen: 78.170 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

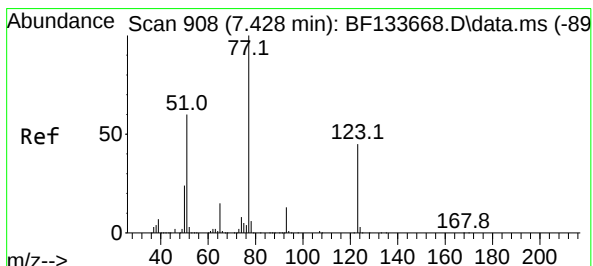
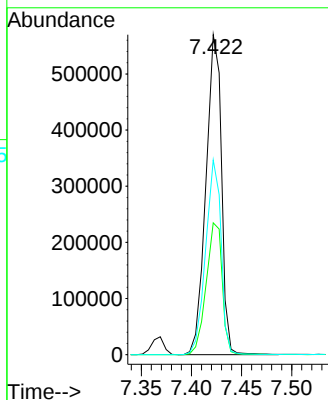
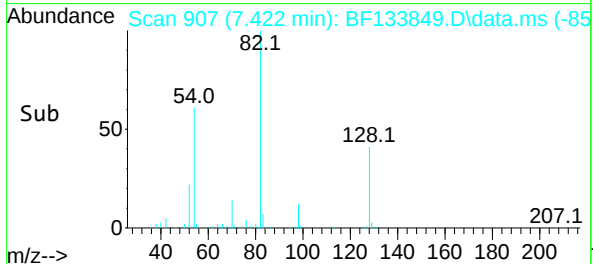
PB153261BS



Tgt Ion: 82 Resp: 618180
Ion Ratio Lower Upper
82 100
128 41.2 34.2 51.2
54 60.9 46.5 69.7

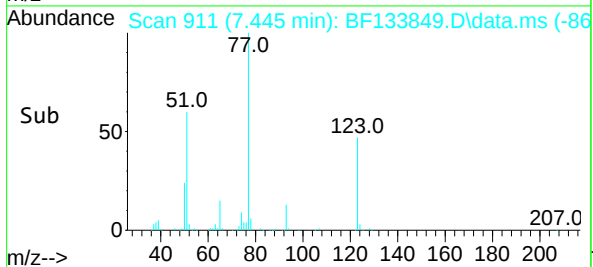
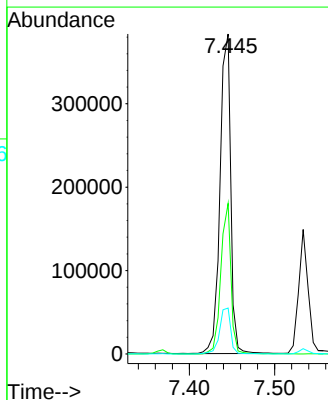
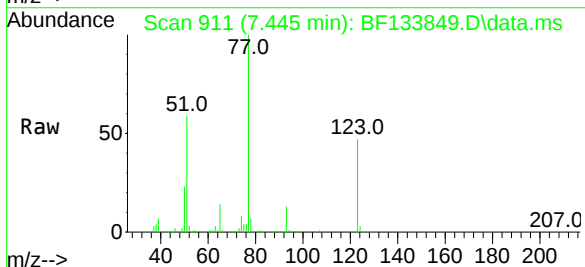
Manual Integrations
APPROVED

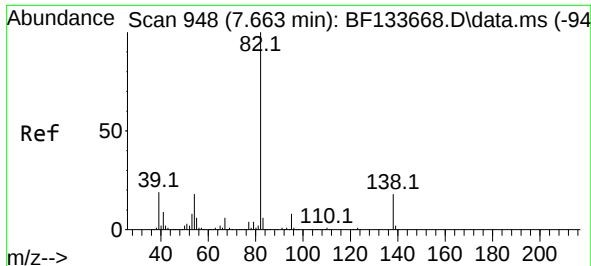
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#24
Nitrobenzene
Concen: 41.924 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

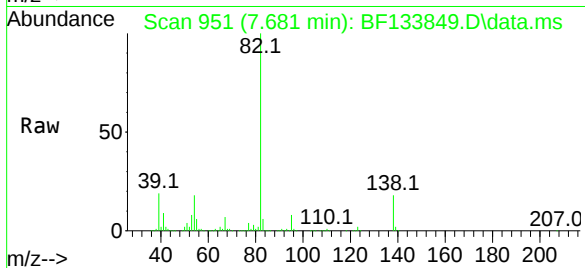
Tgt Ion: 77 Resp: 333843
Ion Ratio Lower Upper
77 100
123 47.1 35.8 53.8
65 14.4 11.6 17.4





#25
Isophorone
Concen: 40.938 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

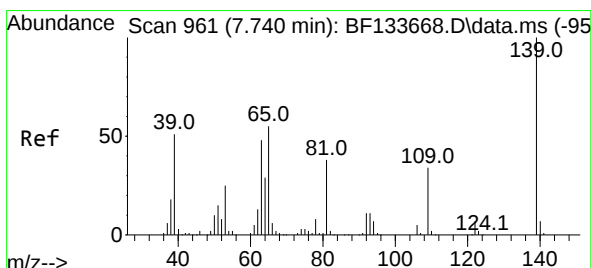
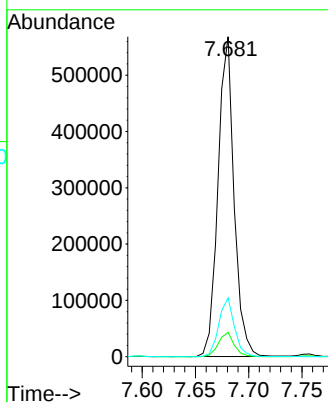
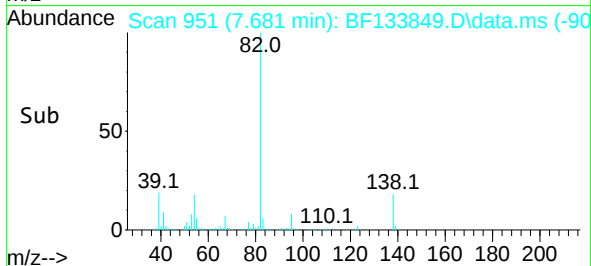
Instrument :
BNA_F
ClientSampleId :
PB153261BS



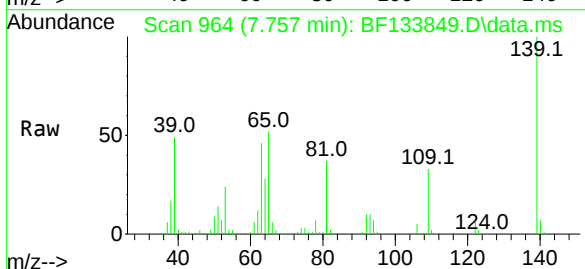
Tgt Ion: 82 Resp: 594350
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.4 14.2 21.2

Manual Integrations
APPROVED

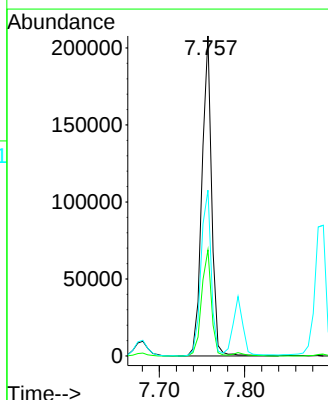
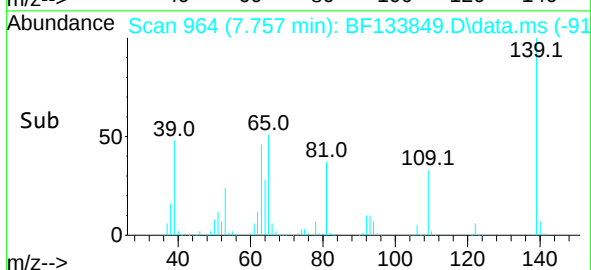
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

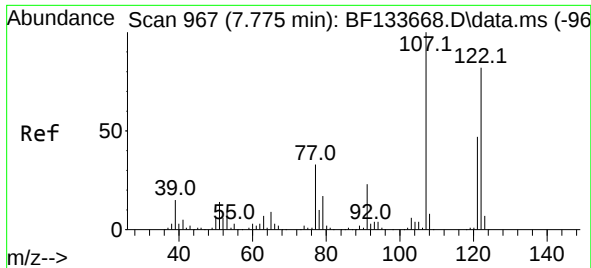


#26
2-Nitrophenol
Concen: 46.171 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:139 Resp: 165001
Ion Ratio Lower Upper
139 100
109 33.1 27.0 40.6
65 51.8 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 43.355 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

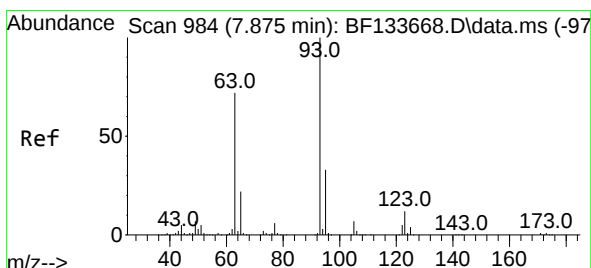
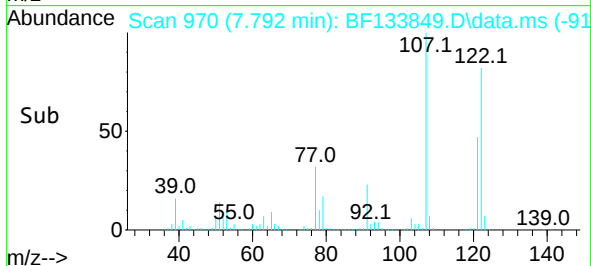
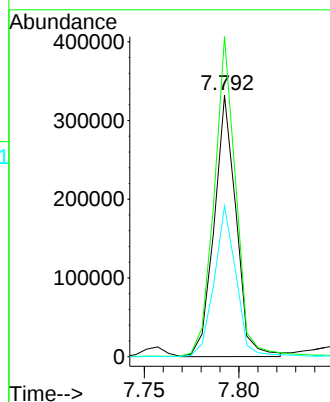
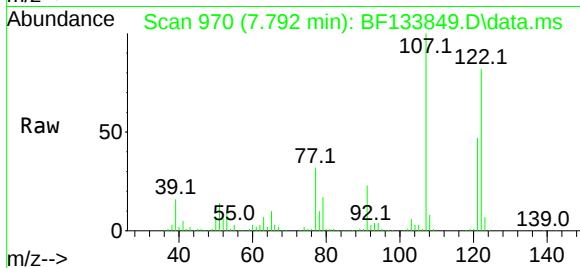
ClientSampleId :

PB153261BS

Tgt Ion:122 Resp: 26705
Ion Ratio Lower Upper
122 100
107 122.4 97.8 146.6
121 57.6 46.1 69.1

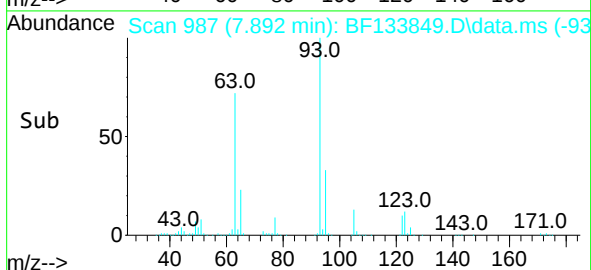
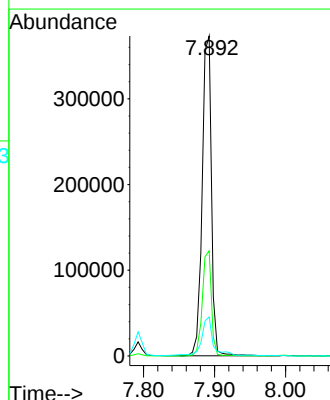
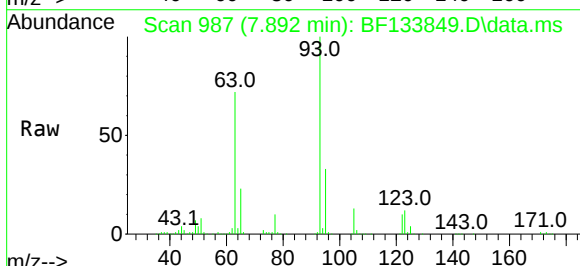
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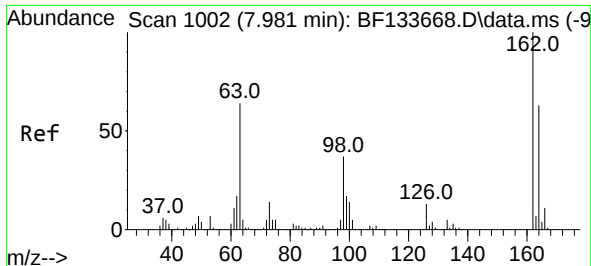
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.597 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion: 93 Resp: 340659
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.375 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF133849.D

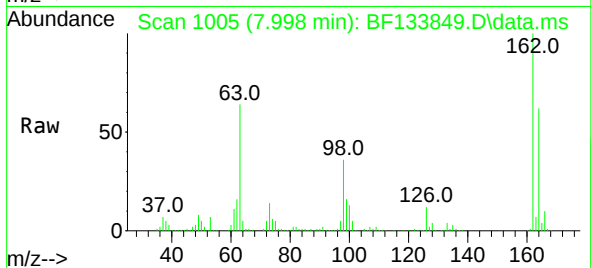
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS



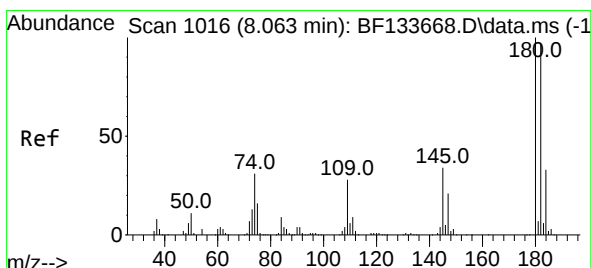
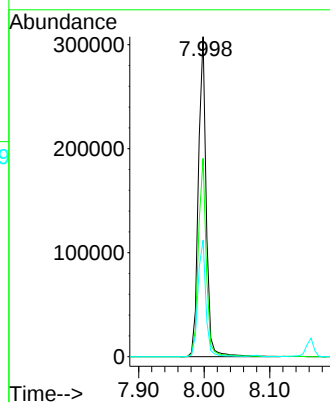
Tgt Ion:	162	Resp:	25581
Ion Ratio	Lower	Upper	
162	100		
164	62.0	43.4	83.4
98	36.4	17.4	57.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.598 ng

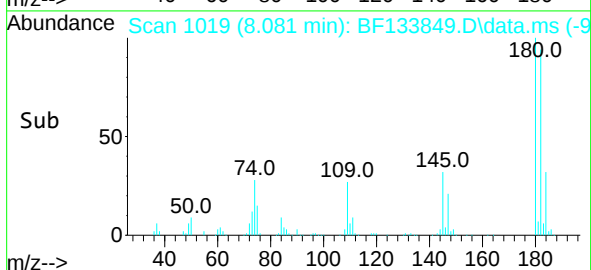
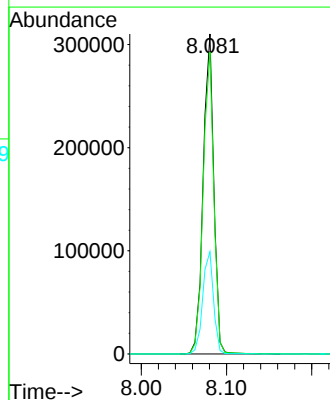
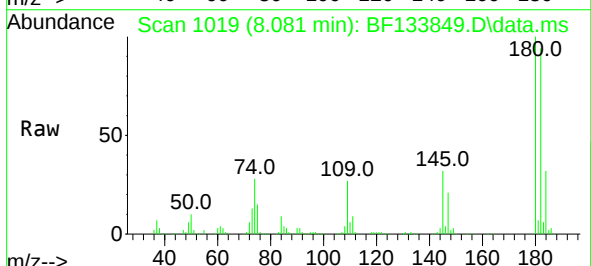
RT: 8.081 min Scan# 1019

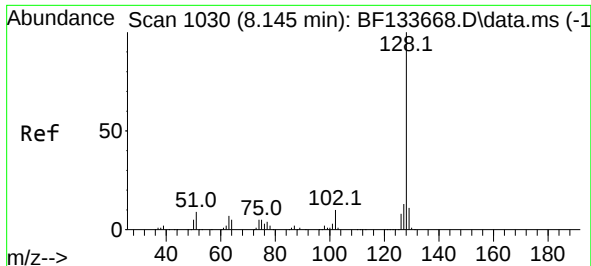
Delta R.T. -0.000 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

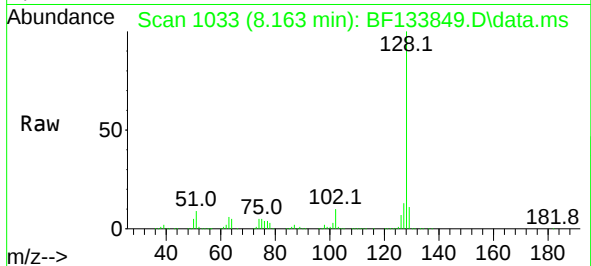
Tgt Ion:	180	Resp:	268304
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.8	116.8
145	31.9	27.0	40.4





#31
Naphthalene
Concen: 40.286 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

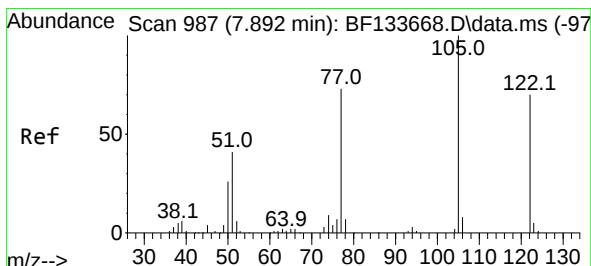
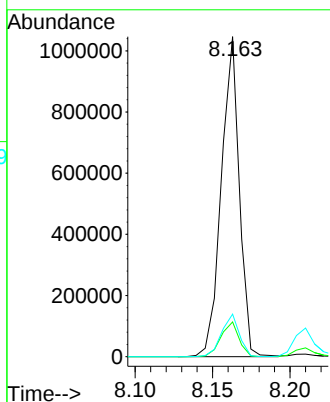
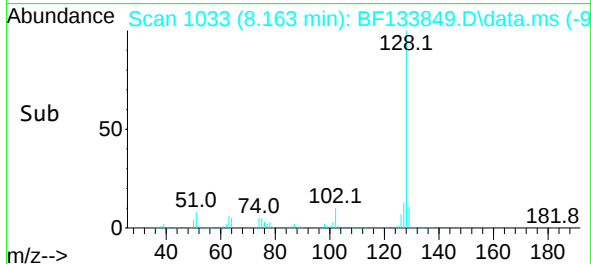
Instrument :
BNA_F
ClientSampleId :
PB153261BS



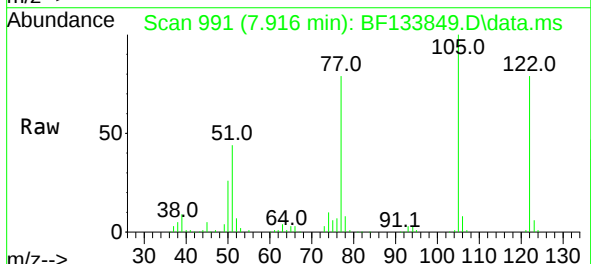
Tgt Ion:128 Resp: 84541
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.5 15.7

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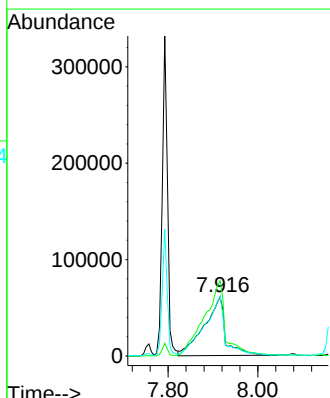
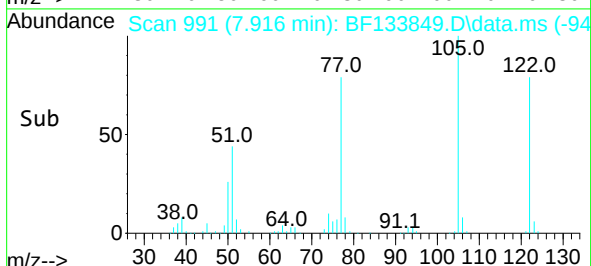
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

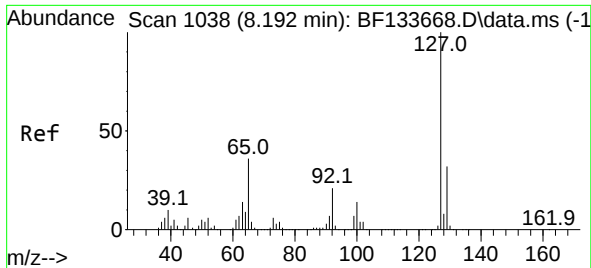


#32
Benzoic acid
Concen: 52.166 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:122 Resp: 202654
Ion Ratio Lower Upper
122 100
105 127.1 116.3 156.3
77 101.0 82.4 122.4





#33
4-Chloroaniline
Concen: 10.486 ng
RT: 8.210 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

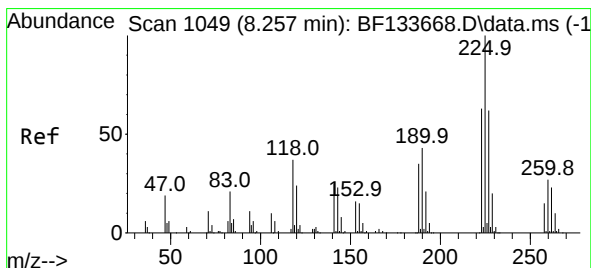
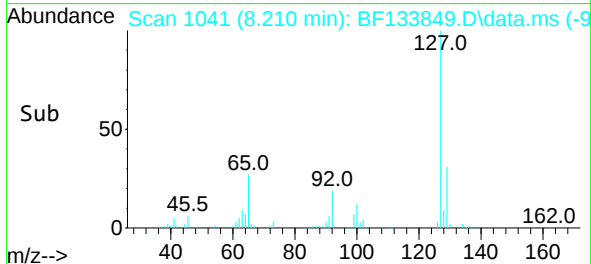
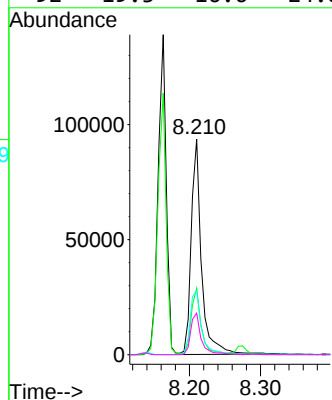
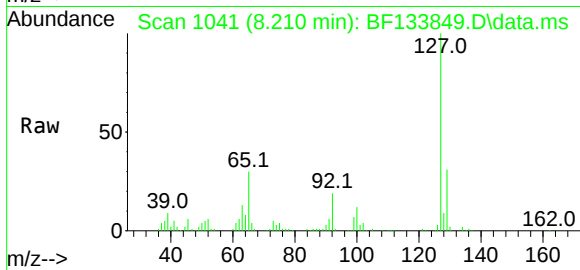
ClientSampleId :

PB153261BS

Tgt Ion:127 Resp: 94090
Ion Ratio Lower Upper
127 100
129 30.9 25.6 38.4
65 29.8 28.9 43.3
92 19.3 16.6 24.8

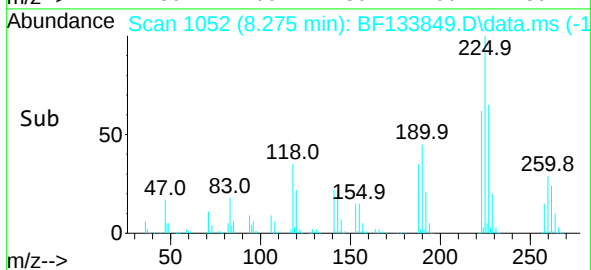
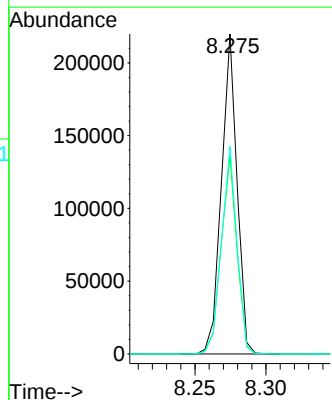
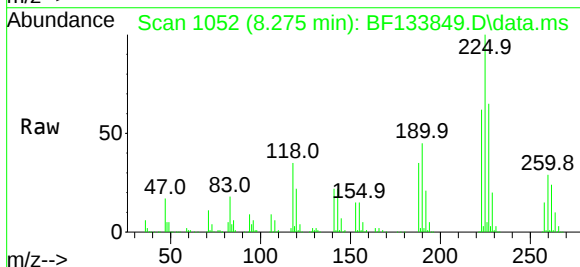
Manual Integrations
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Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#34
Hexachlorobutadiene
Concen: 40.583 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

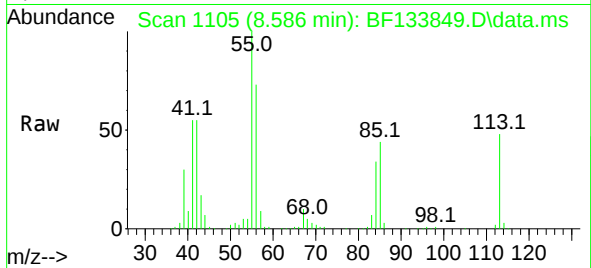
Tgt Ion:225 Resp: 167357
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.4
227 64.8 49.5 74.3





#35
Caprolactam
Concen: 41.617 ng m
RT: 8.586 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

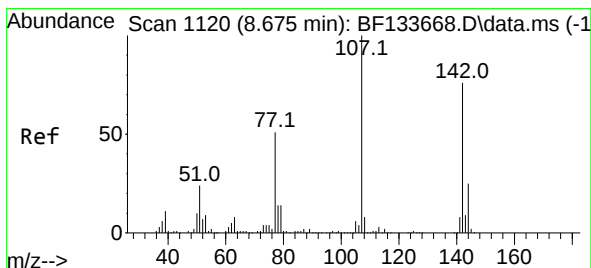
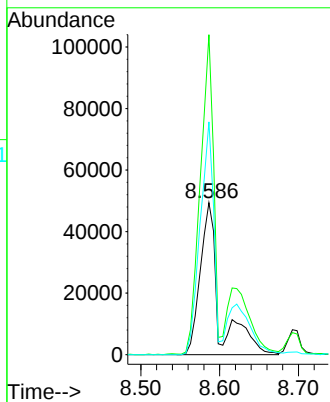
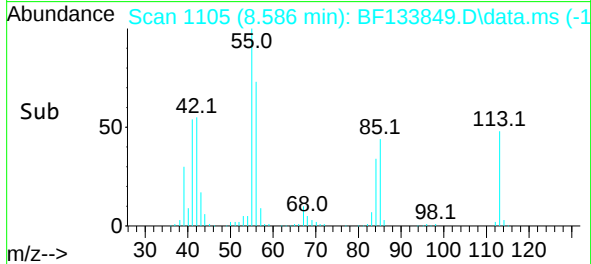
Instrument :
BNA_F
ClientSampleId :
PB153261BS



Tgt Ion:113 Resp: 8454
Ion Ratio Lower Upper
113 100
55 210.5 173.3 213.3
56 153.1 120.5 160.5

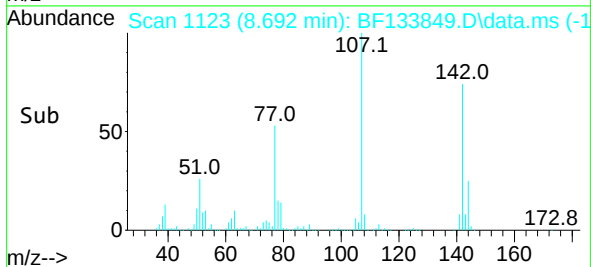
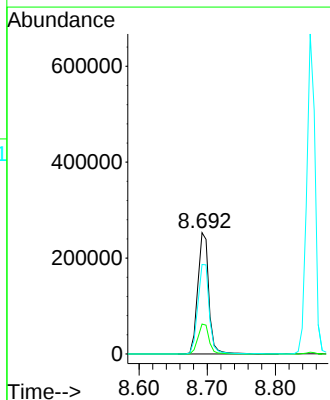
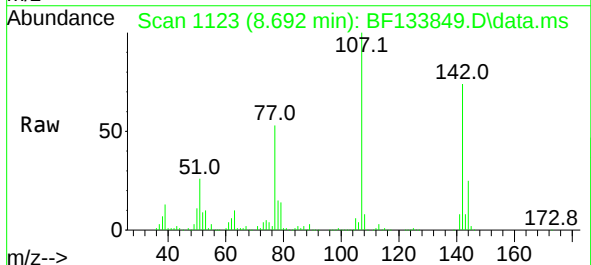
Manual Integrations
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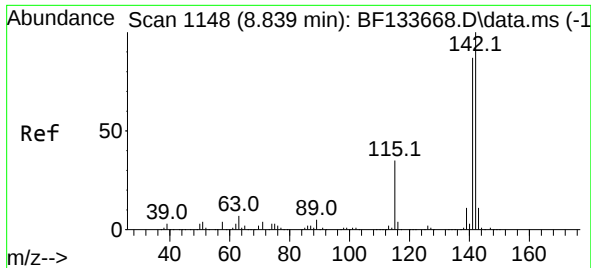
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#36
4-Chloro-3-methylphenol
Concen: 40.917 ng
RT: 8.692 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

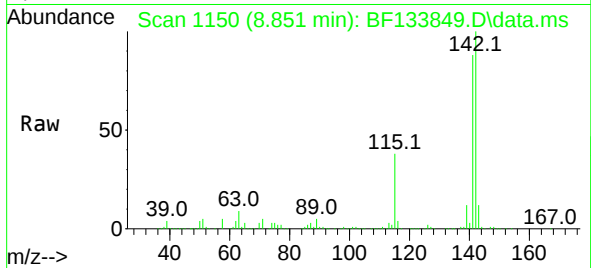
Tgt Ion:107 Resp: 284725
Ion Ratio Lower Upper
107 100
144 24.7 19.7 29.5
142 73.7 61.1 91.7





#37
2-Methylnaphthalene
Concen: 39.255 ng
RT: 8.851 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

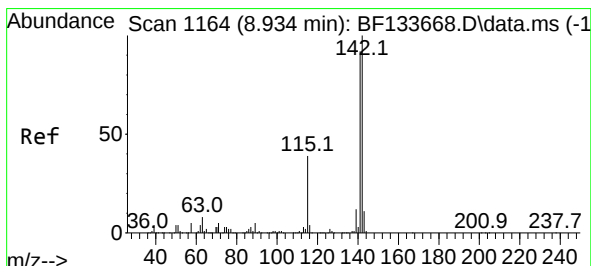
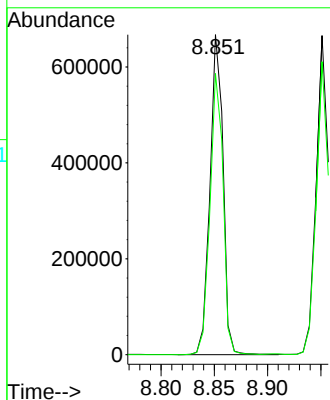
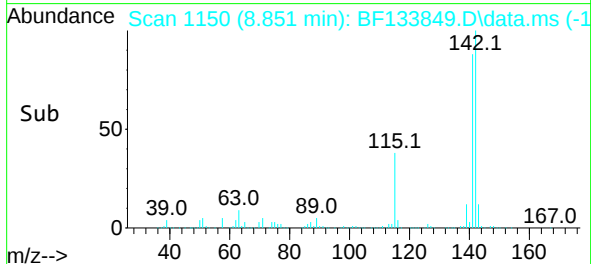
Instrument :
BNA_F
ClientSampleId :
PB153261BS



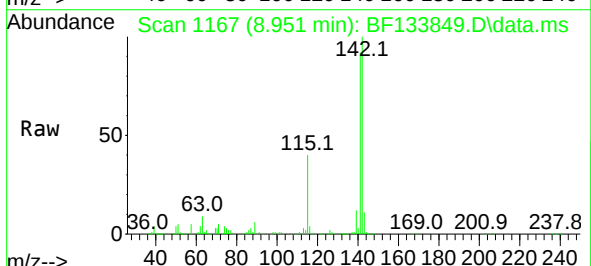
Tgt Ion:142 Resp: 572370
Ion Ratio Lower Upper
142 100
141 87.9 69.8 104.8

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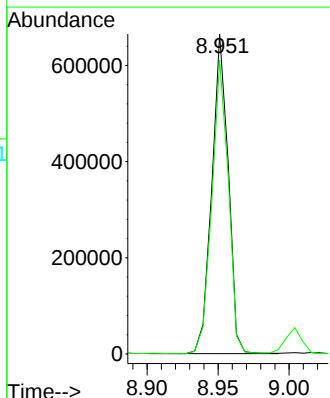
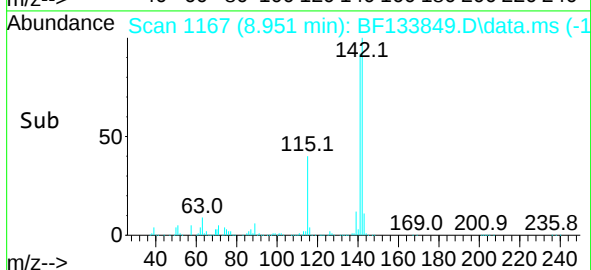
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

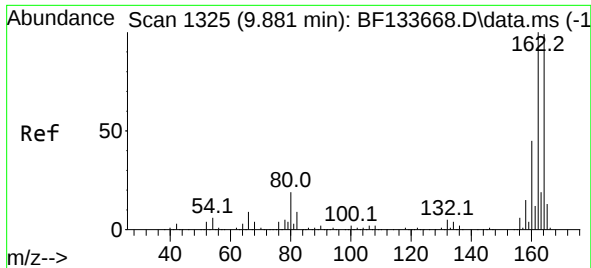


#38
1-Methylnaphthalene
Concen: 39.658 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:142 Resp: 532099
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0





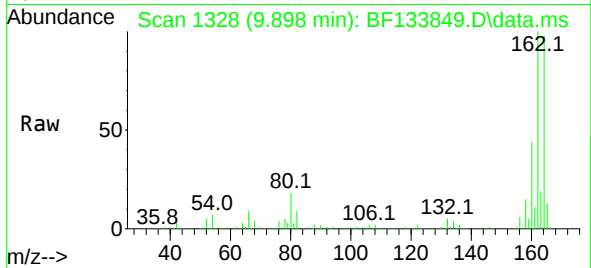
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

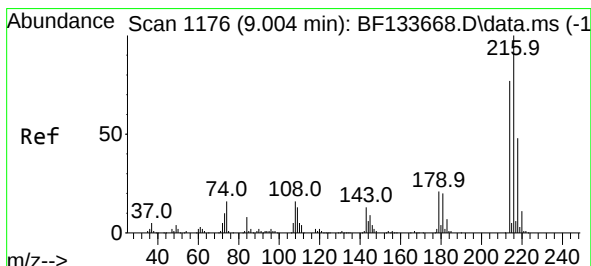
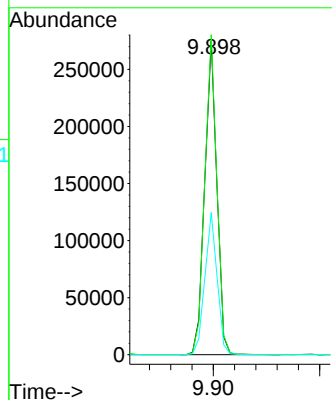
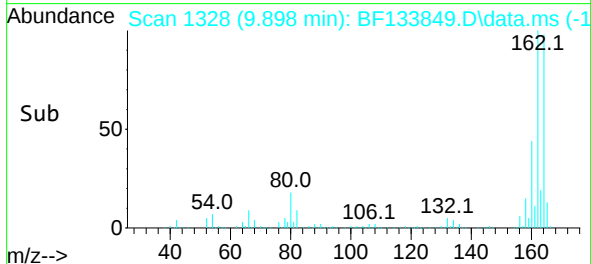


Tgt Ion:164 Resp: 219045
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 45.4 36.7 55.1

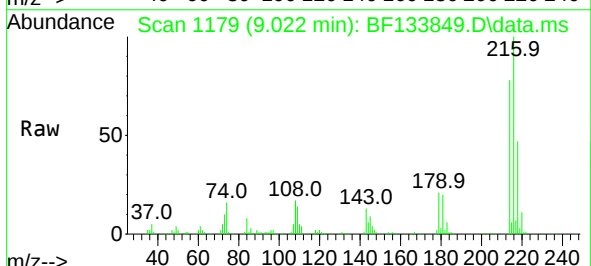
Manual Integrations

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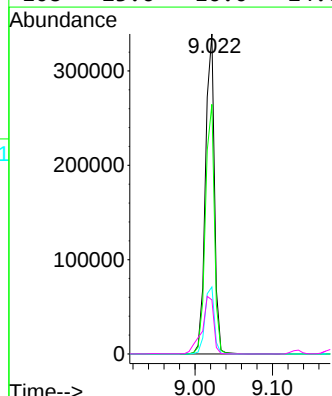
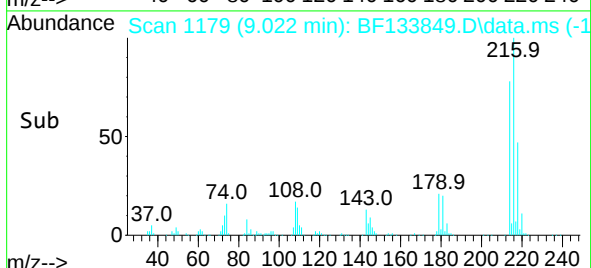
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.784 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



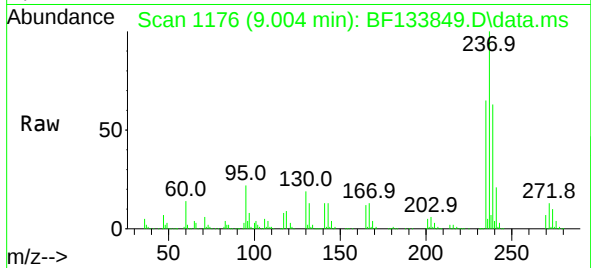
Tgt Ion:216 Resp: 271589
Ion Ratio Lower Upper
216 100
214 78.6 62.7 94.1
179 21.8 17.6 26.4
108 23.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 113.849 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

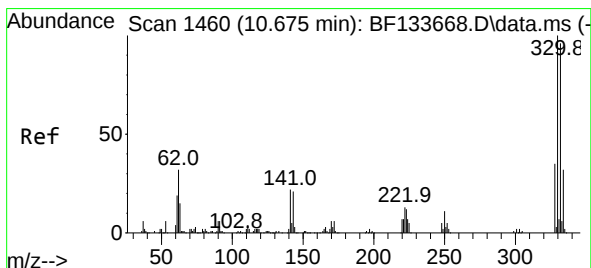
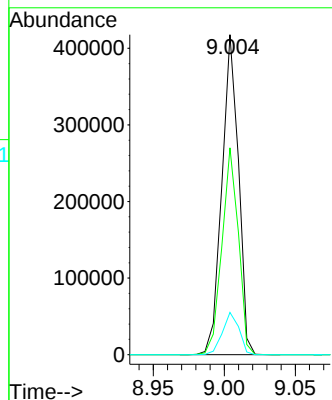
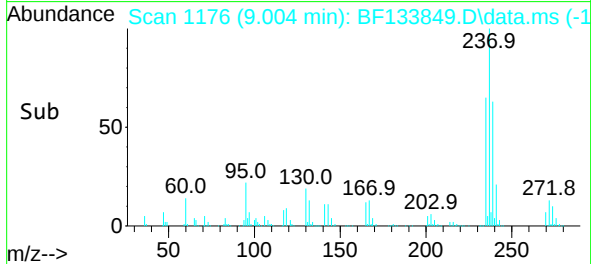
Instrument :
BNA_F
ClientSampleId :
PB153261BS



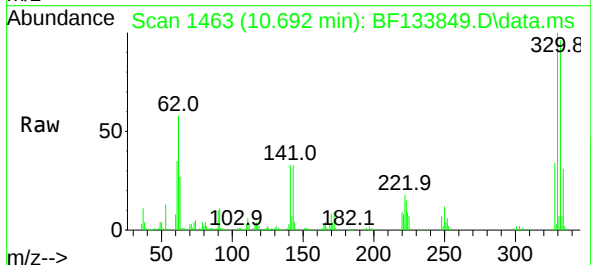
Tgt Ion:237 Resp: 337850
Ion Ratio Lower Upper
237 100
235 64.7 40.6 80.6
272 13.2 0.0 32.6

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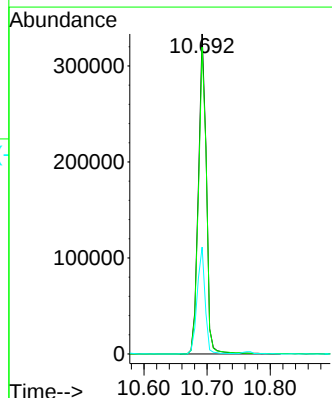
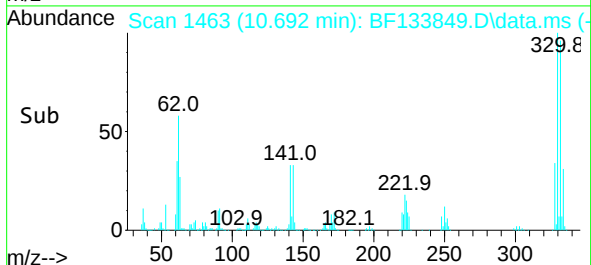
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

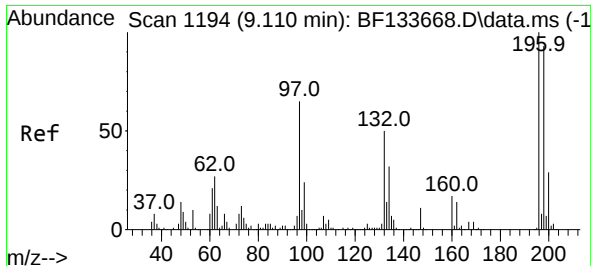


#42
2,4,6-Tribromophenol
Concen: 104.711 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



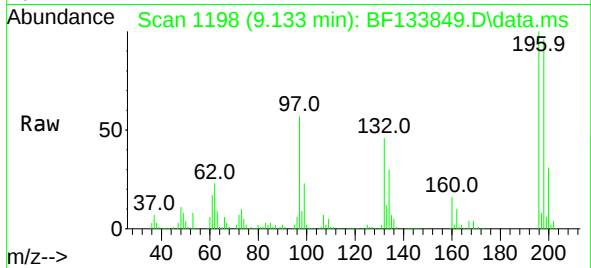
Tgt Ion:330 Resp: 290333
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 33.3 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 40.952 ng
RT: 9.133 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

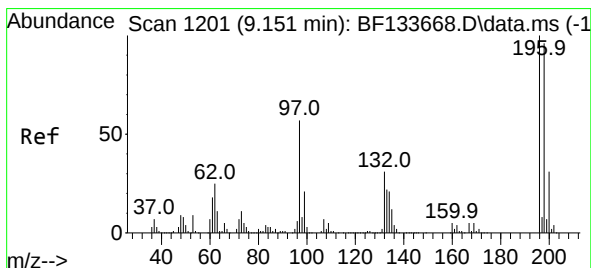
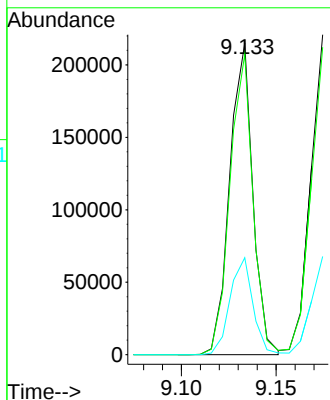
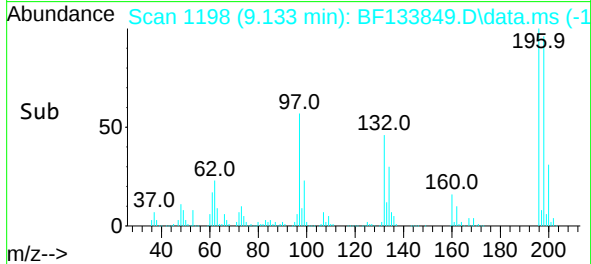
Instrument :
BNA_F
ClientSampleId :
PB153261BS



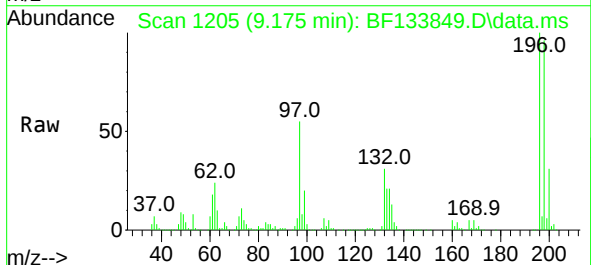
Tgt Ion:196 Resp: 182235
Ion Ratio Lower Upper
196 100
198 96.5 74.5 111.7
200 31.1 22.9 34.3

Manual Integrations
APPROVED

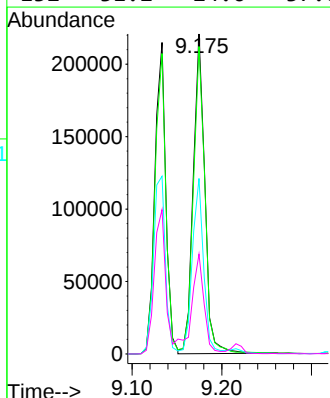
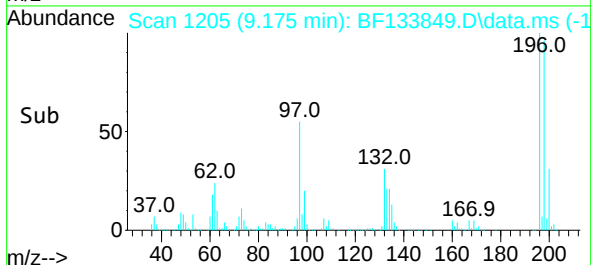
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

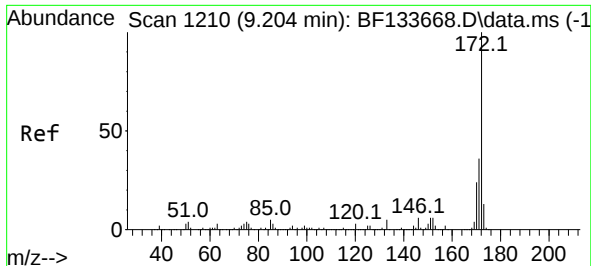


#44
2,4,5-Trichlorophenol
Concen: 38.237 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:196 Resp: 197954
Ion Ratio Lower Upper
196 100
198 96.1 76.8 115.2
97 54.8 45.4 68.2
132 31.2 24.6 37.0





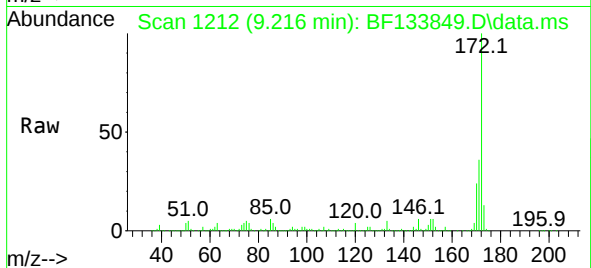
#45
2-Fluorobiphenyl
Concen: 74.454 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

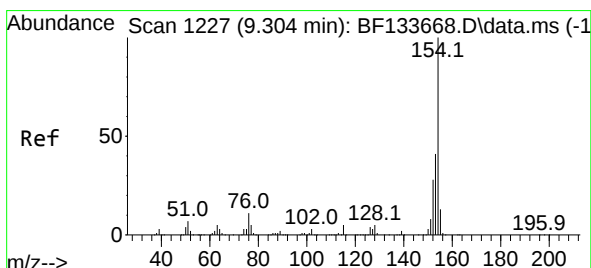
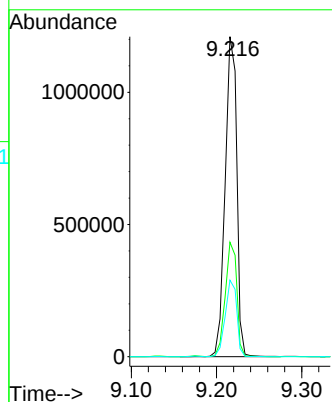
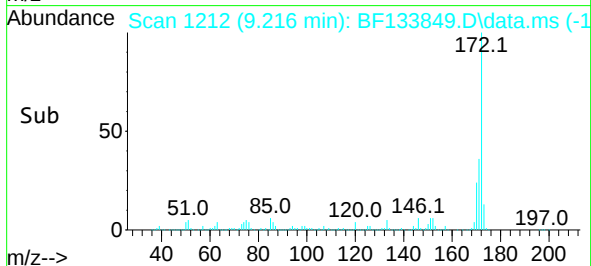


Tgt Ion:172 Resp: 1147278
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.1 28.7

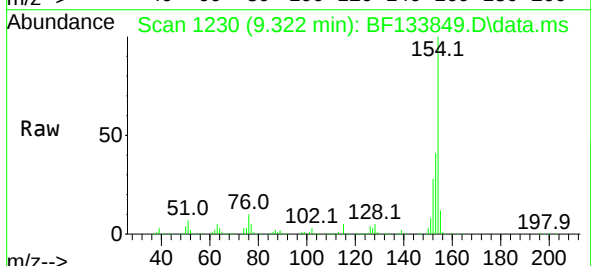
Manual Integrations

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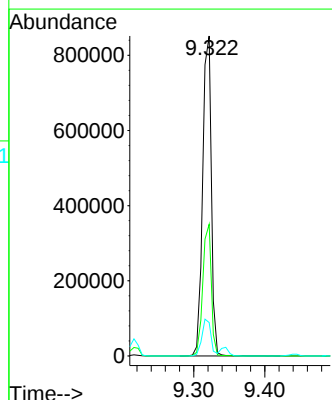
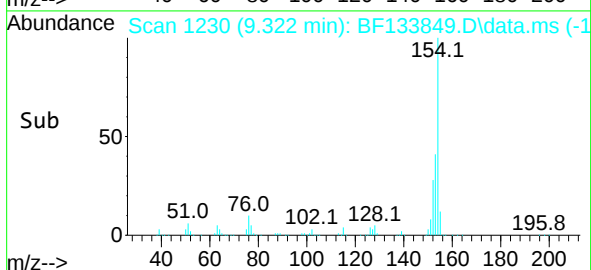
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

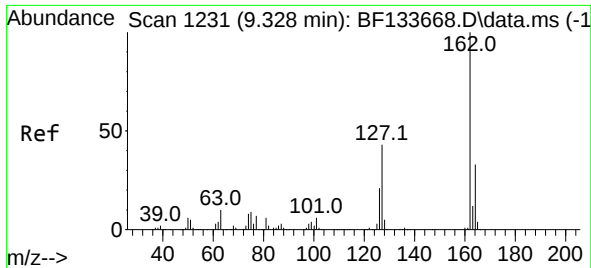


#46
1,1'-Biphenyl
Concen: 41.065 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:154 Resp: 725475
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 10.5 0.0 31.0





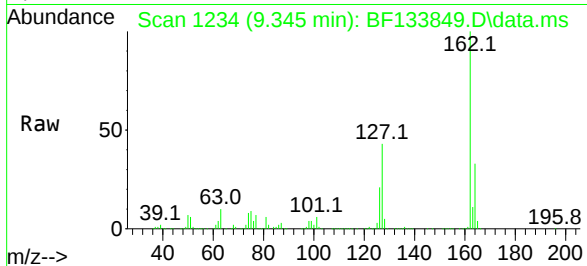
#47
2-Chloronaphthalene
Concen: 42.008 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

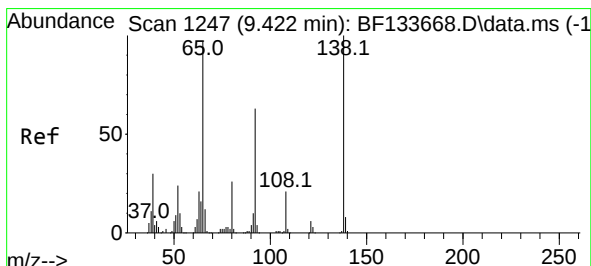
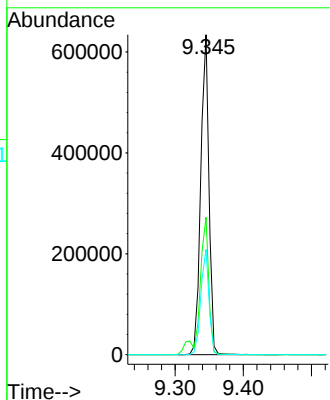
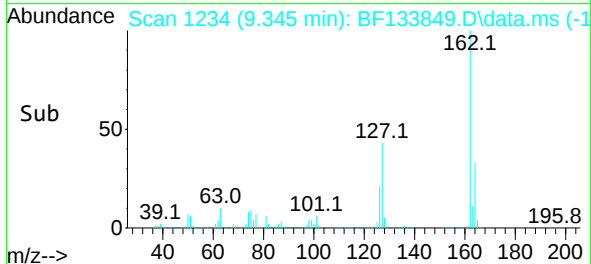
PB153261BS



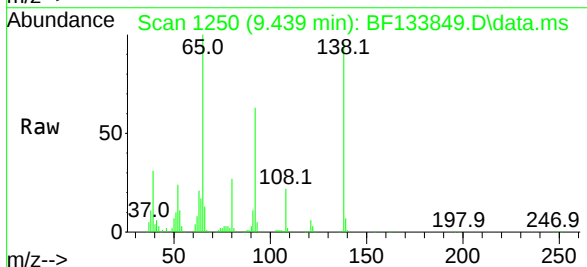
Tgt Ion:162 Resp: 53234
Ion Ratio Lower Upper
162 100
127 43.0 34.6 52.0
164 32.9 26.4 39.6

Manual Integrations
APPROVED

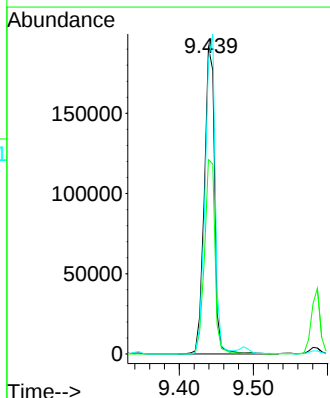
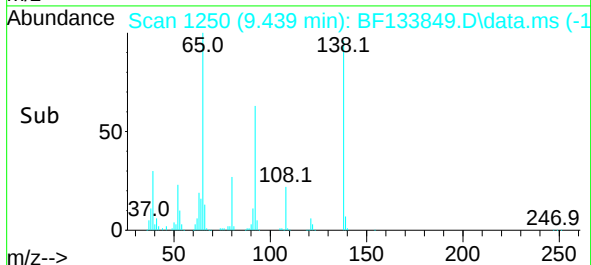
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

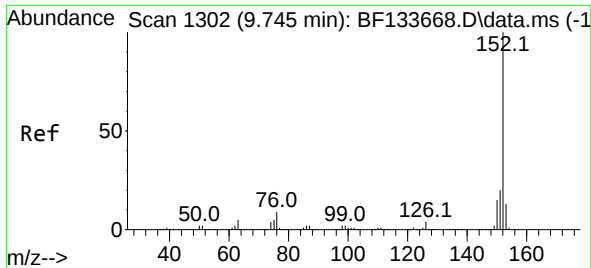


#48
2-Nitroaniline
Concen: 40.297 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion: 65 Resp: 186761
Ion Ratio Lower Upper
65 100
92 63.3 51.8 77.6
138 95.7 82.1 123.1





#49
Acenaphthylene
Concen: 40.113 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

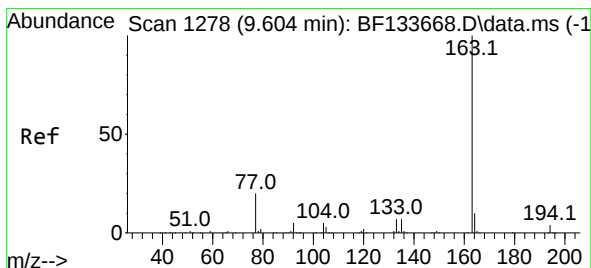
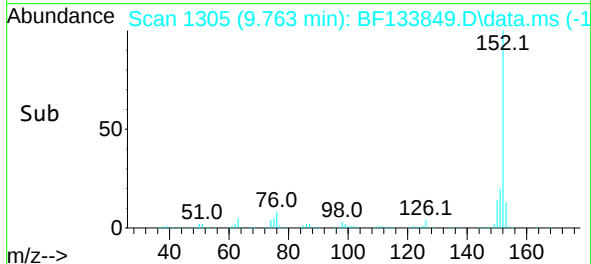
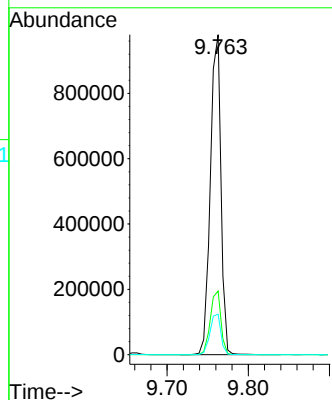
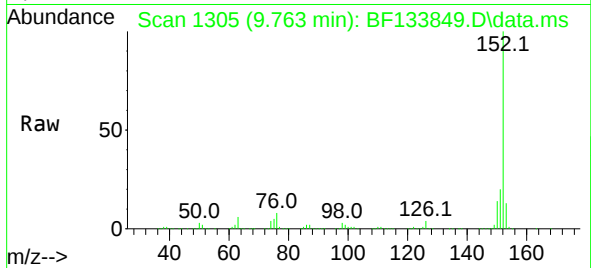
ClientSampleId :

PB153261BS

Tgt Ion:152 Resp: 884738
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.6 10.4 15.6

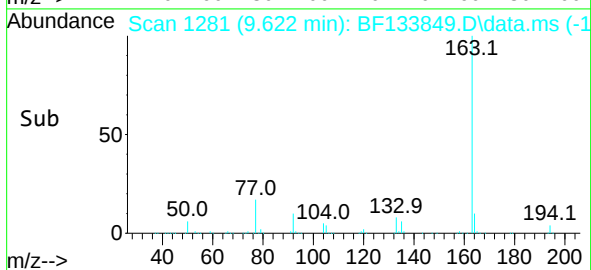
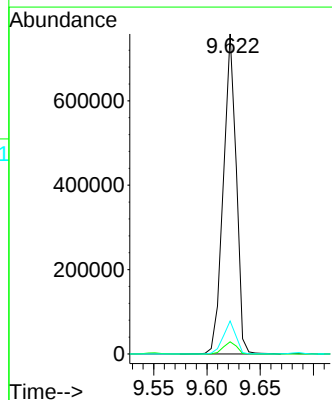
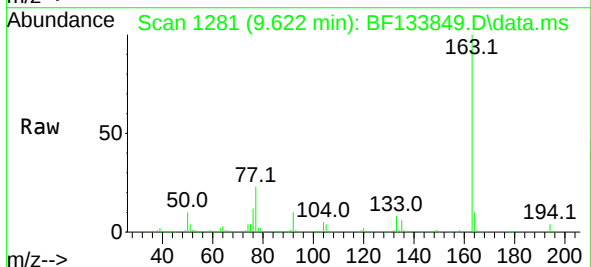
Manual Integrations
APPROVED

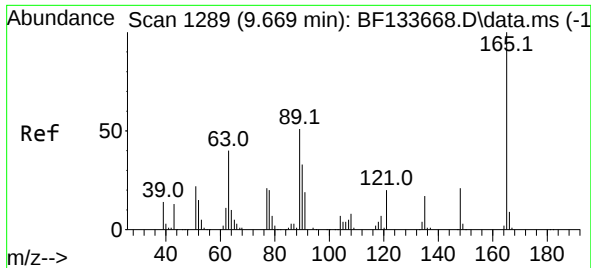
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#50
Dimethylphthalate
Concen: 38.893 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:163 Resp: 635894
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 41.714 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

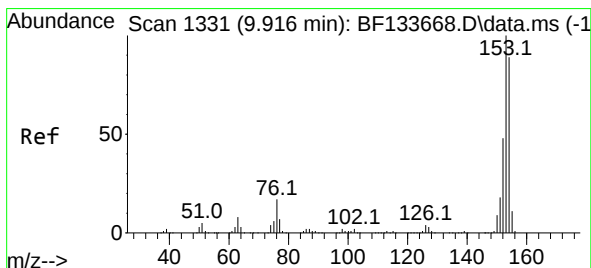
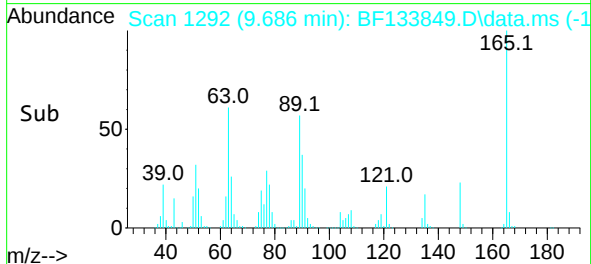
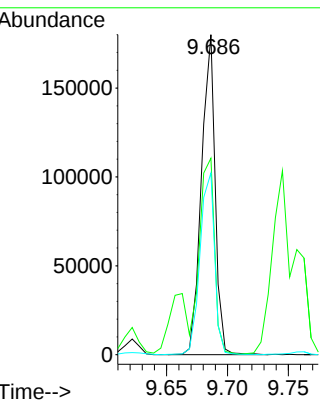
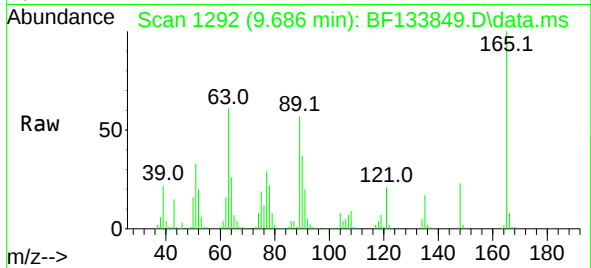
ClientSampleId :

PB153261BS

Tgt Ion:165 Resp: 140774
Ion Ratio Lower Upper
165 100
63 61.4 42.1 63.1
89 56.8 40.9 61.3

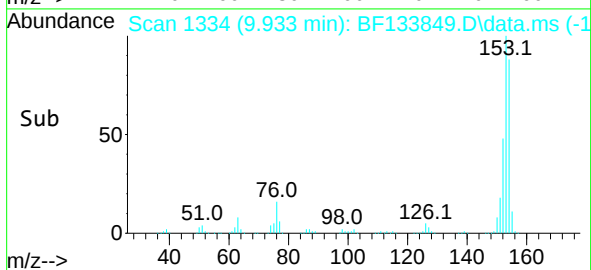
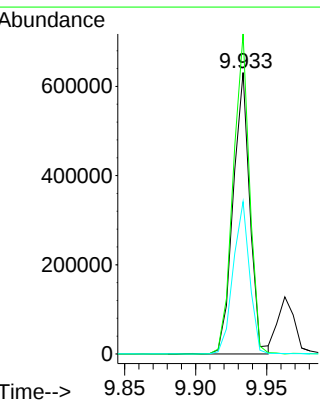
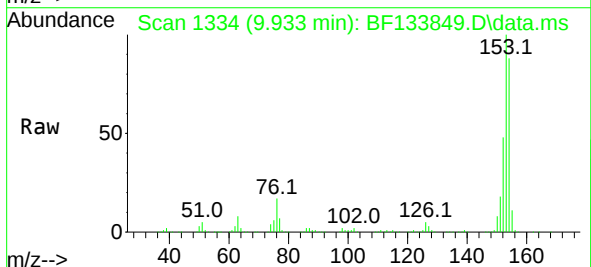
Manual Integrations
APPROVED

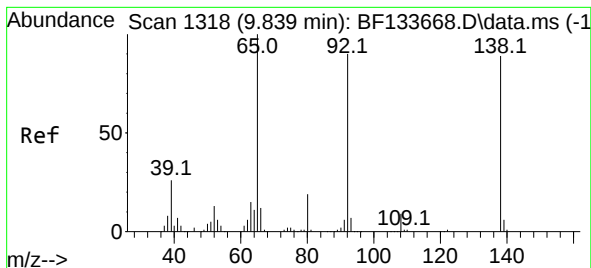
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#52
Acenaphthene
Concen: 40.046 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:154 Resp: 517002
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.8
152 54.1 43.4 65.2





#53

3-Nitroaniline

Concen: 22.743 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

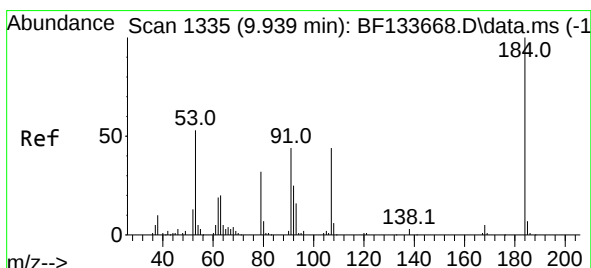
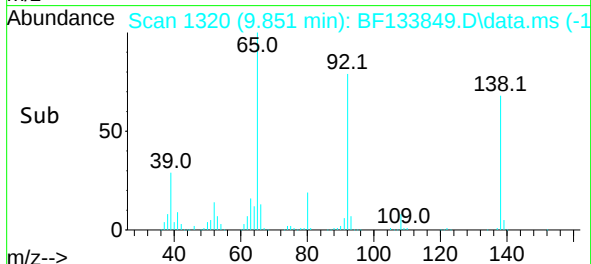
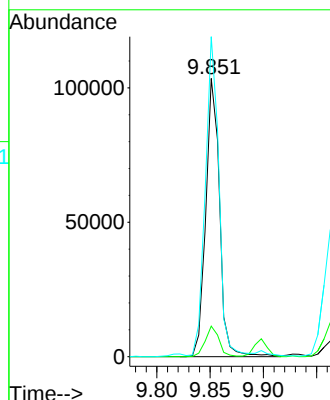
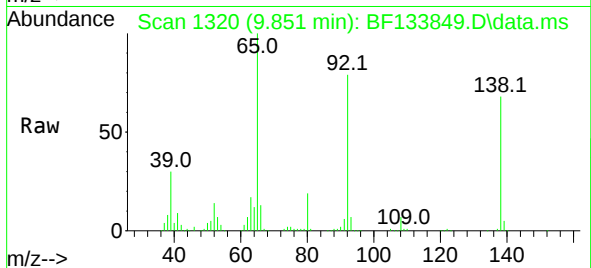
PB153261BS

Tgt Ion:138 Resp: 93404

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.2	12.4
92	115.0	81.0	121.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#54

2,4-Dinitrophenol

Concen: 99.375 ng

RT: 9.963 min Scan# 1339

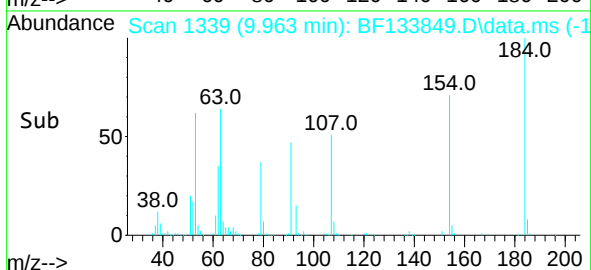
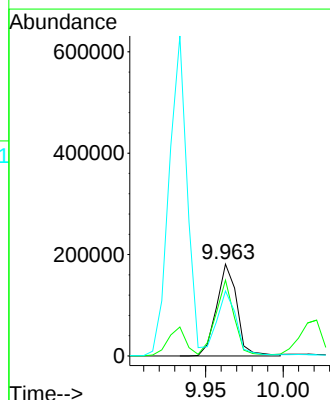
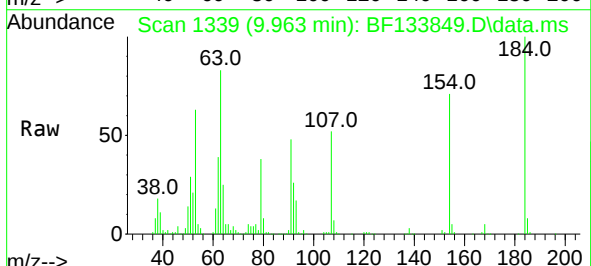
Delta R.T. -0.000 min

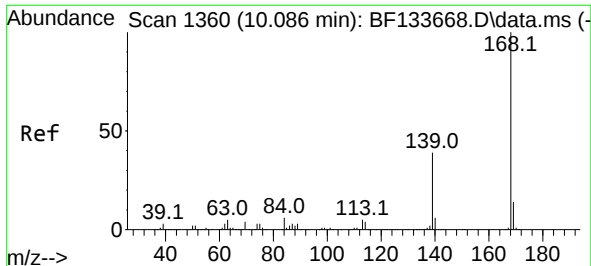
Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

Tgt Ion:184 Resp: 166341

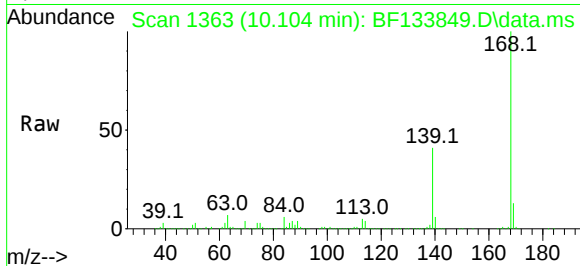
Ion	Ratio	Lower	Upper
184	100		
63	82.6	55.3	82.9
154	70.8	51.9	77.9





#55
Dibenzofuran
Concen: 40.223 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

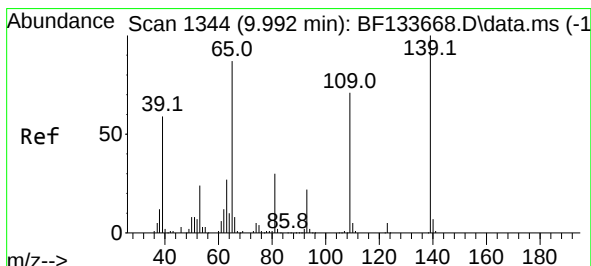
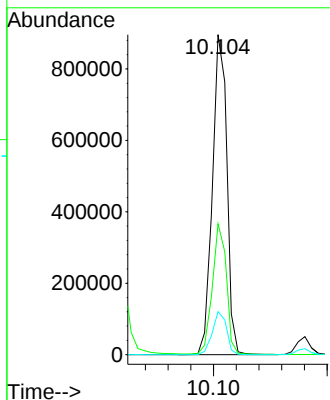
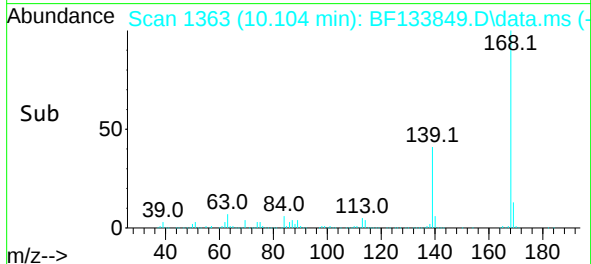
Instrument :
BNA_F
ClientSampleId :
PB153261BS



Tgt Ion:168 Resp: 792389
Ion Ratio Lower Upper
168 100
139 40.9 30.9 46.3
169 13.4 10.9 16.3

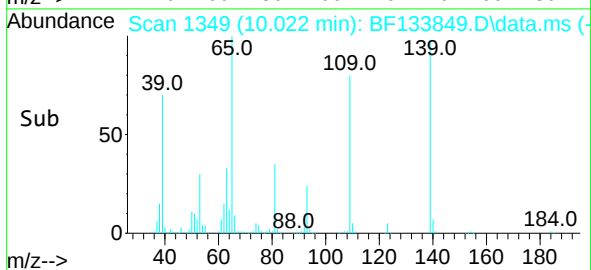
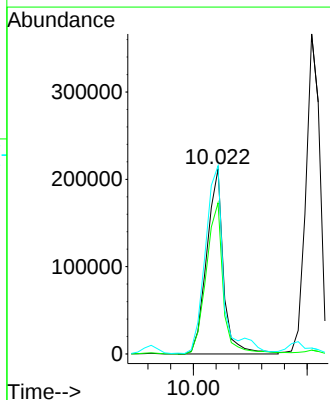
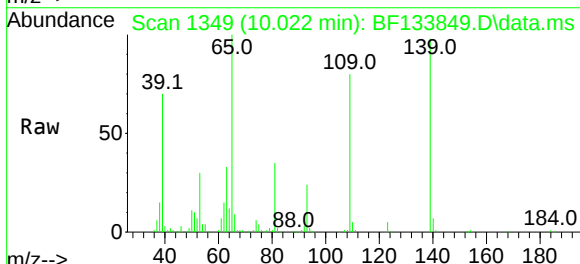
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#56
4-Nitrophenol
Concen: 77.859 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:139 Resp: 215802
Ion Ratio Lower Upper
139 100
109 81.6 50.7 90.7
65 101.7 67.1 107.1





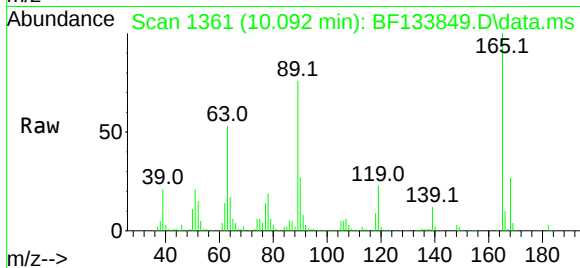
#57
2,4-Dinitrotoluene
Concen: 43.079 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

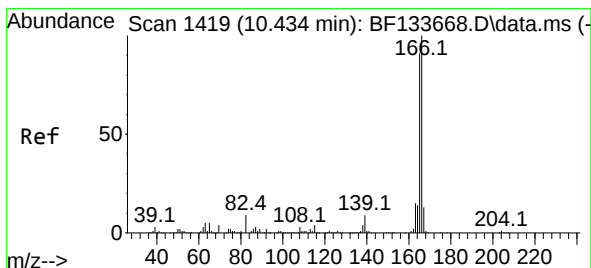
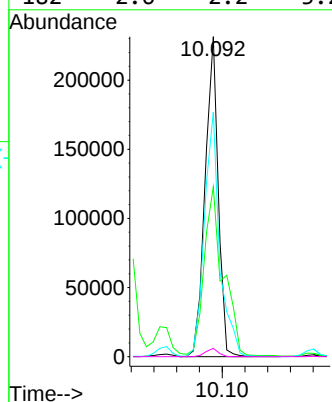
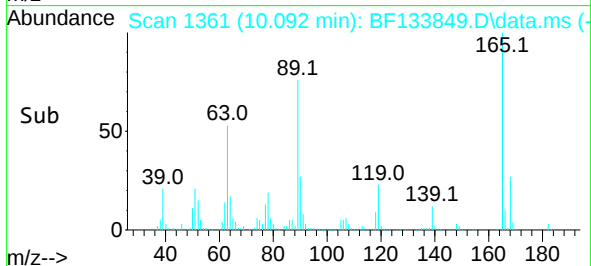


Tgt Ion:165 Resp: 184899
Ion Ratio Lower Upper
165 100
63 53.1 43.0 64.6
89 76.5 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations

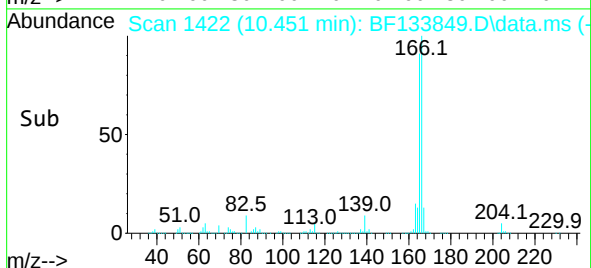
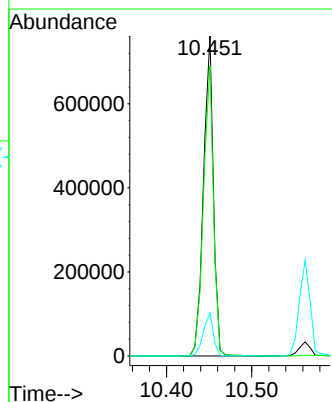
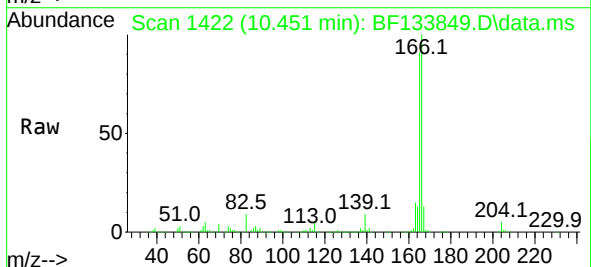
APPROVED

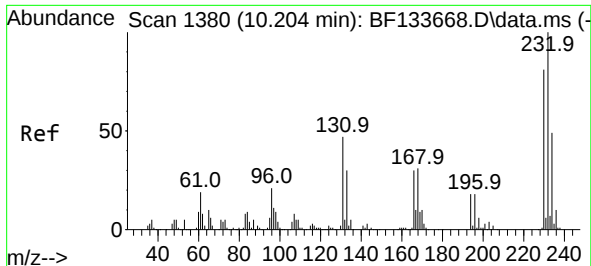
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#58
Fluorene
Concen: 40.647 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:166 Resp: 612352
Ion Ratio Lower Upper
166 100
165 90.7 73.1 109.7
167 13.4 10.5 15.7





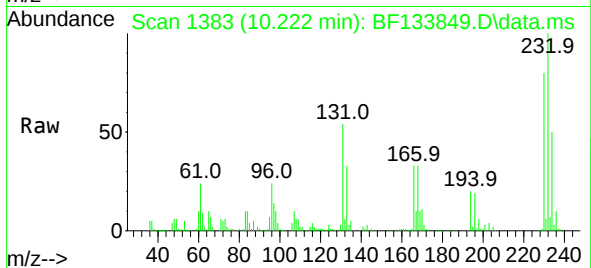
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.398 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

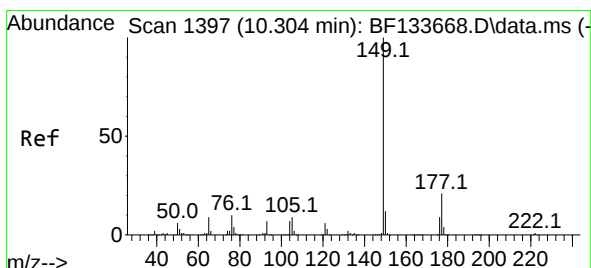
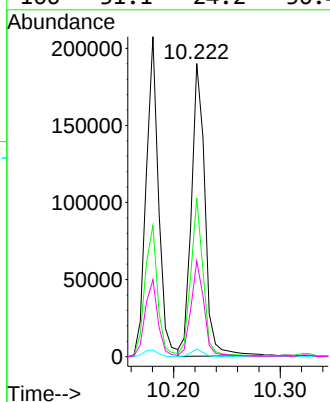
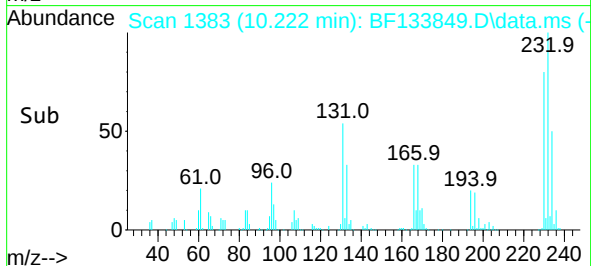


Tgt Ion:232 Resp: 168200
Ion Ratio Lower Upper
232 100
131 48.9 38.0 57.0
130 2.4 1.8 2.8
166 31.1 24.2 36.4

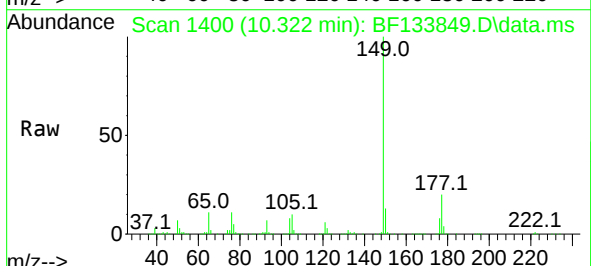
Manual Integrations

APPROVED

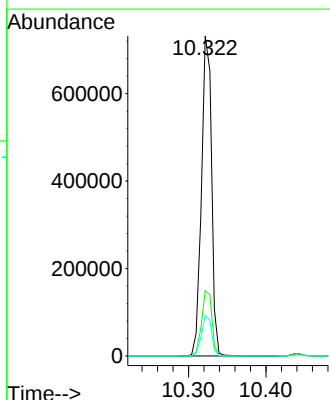
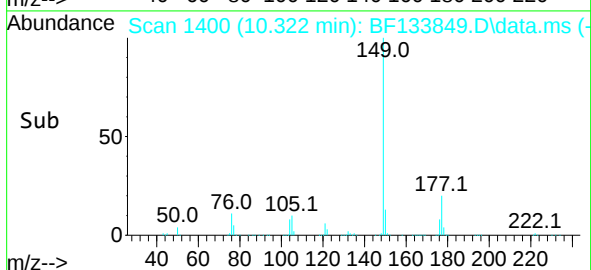
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

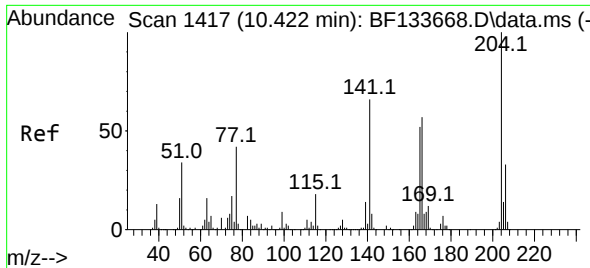


#60
Diethylphthalate
Concen: 39.818 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



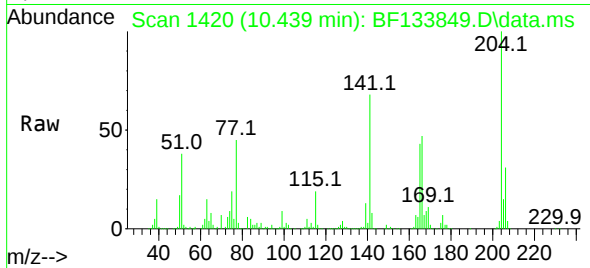
Tgt Ion:149 Resp: 662587
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.623 ng
RT: 10.439 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

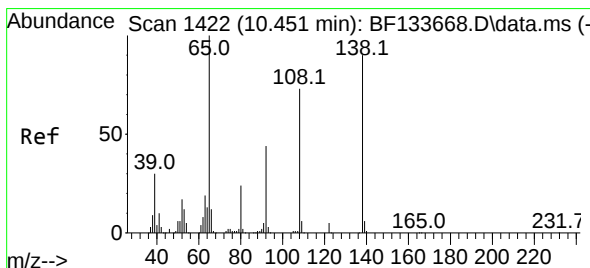
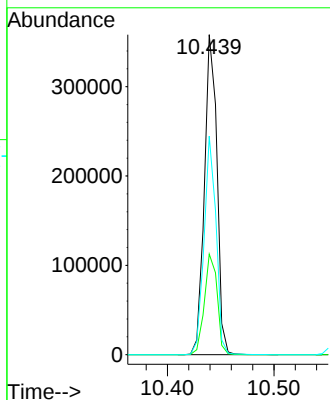
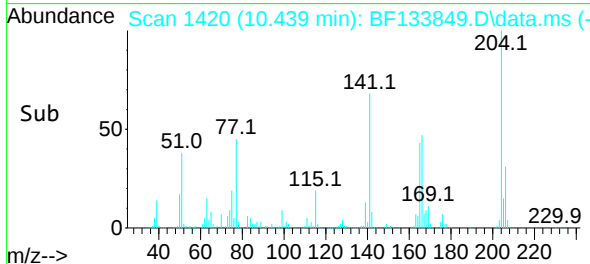
Instrument :
BNA_F
ClientSampleId :
PB153261BS



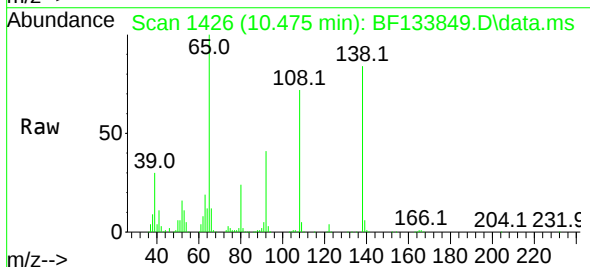
Tgt Ion:204 Resp: 294685
Ion Ratio Lower Upper
204 100
206 31.4 26.4 39.6
141 68.3 52.8 79.2

Manual Integrations
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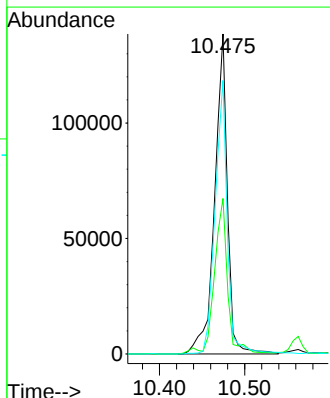
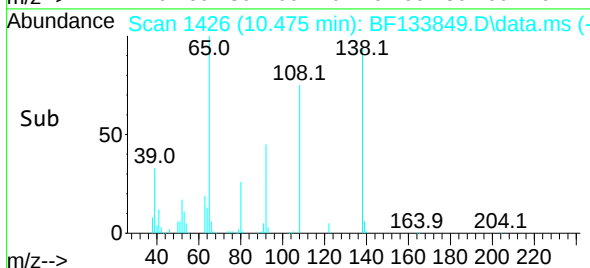
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

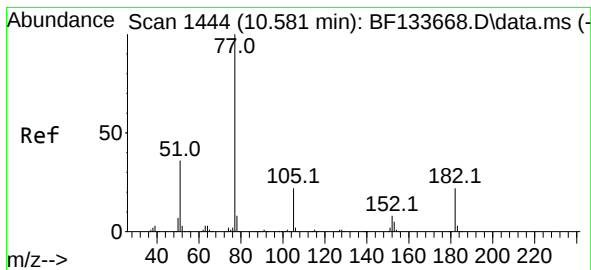


#62
4-Nitroaniline
Concen: 35.893 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



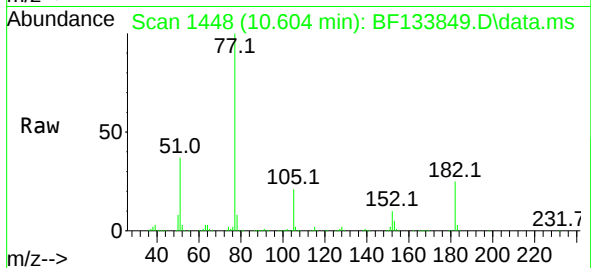
Tgt Ion:138 Resp: 144529
Ion Ratio Lower Upper
138 100
92 48.6 28.9 68.9
108 85.5 61.0 101.0





#63
Azobenzene
Concen: 39.922 ng
RT: 10.604 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

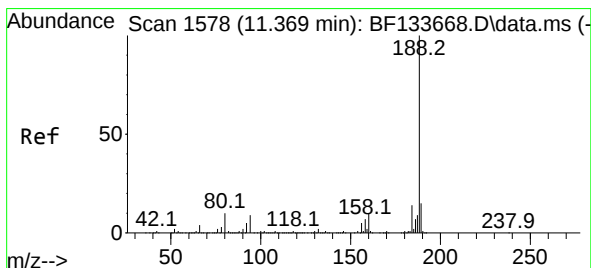
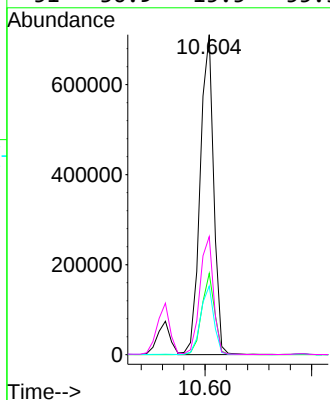
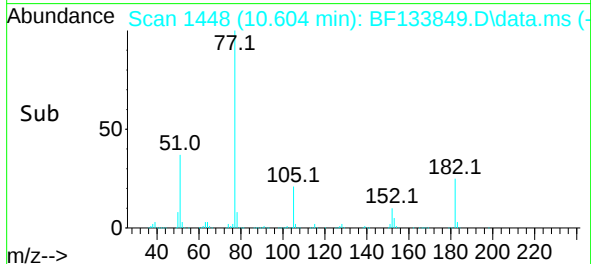
Instrument :
BNA_F
ClientSampleId :
PB153261BS



Tgt Ion: 77 Resp: 628890
Ion Ratio Lower Upper
77 100
182 25.4 1.6 41.6
105 21.5 1.6 41.6
51 36.9 15.5 55.5

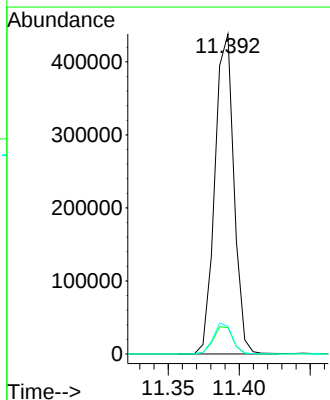
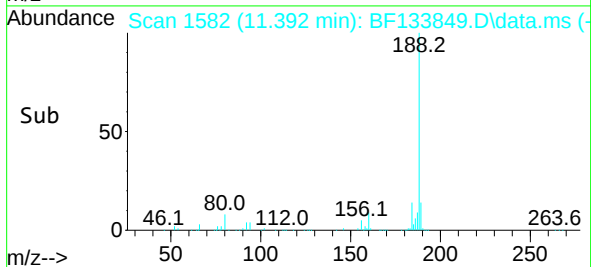
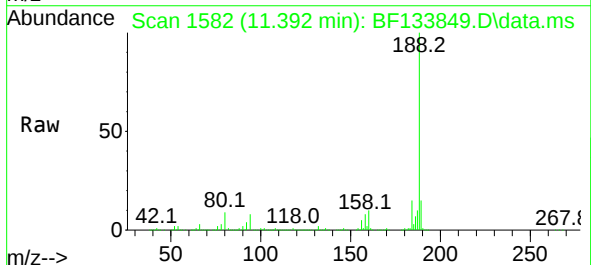
Manual Integrations
APPROVED

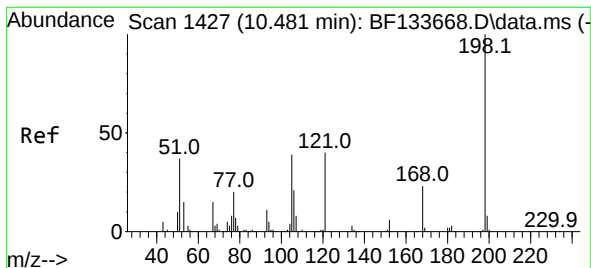
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

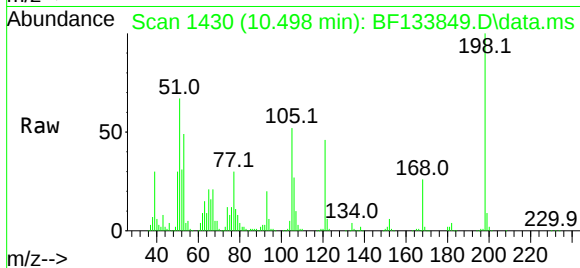
Tgt Ion:188 Resp: 408793
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.7 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 54.099 ng
RT: 10.498 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

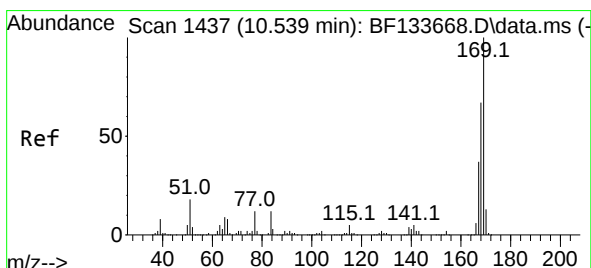
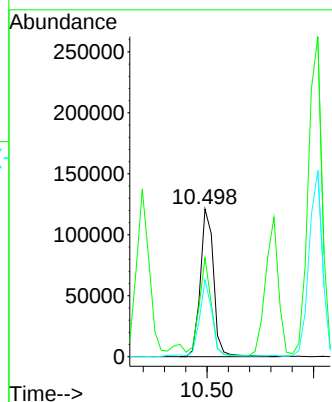
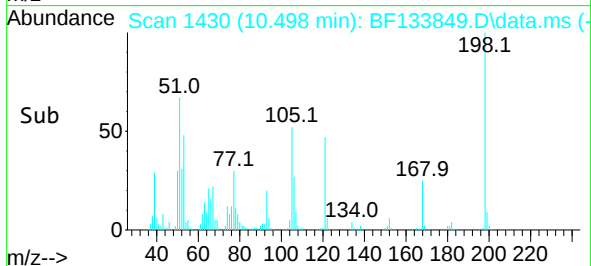
Instrument :
BNA_F
ClientSampleId :
PB153261BS



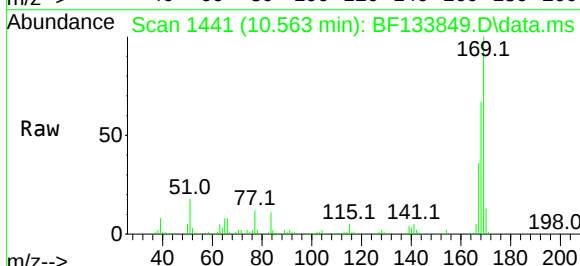
Tgt Ion:198 Resp: 105678
Ion Ratio Lower Upper
198 100
51 66.9 27.5 67.5
105 51.9 21.0 61.0

Manual Integrations
APPROVED

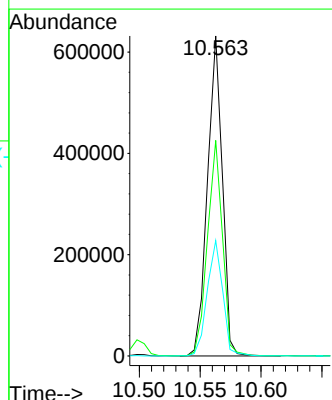
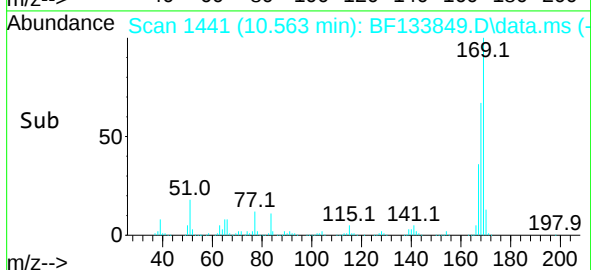
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

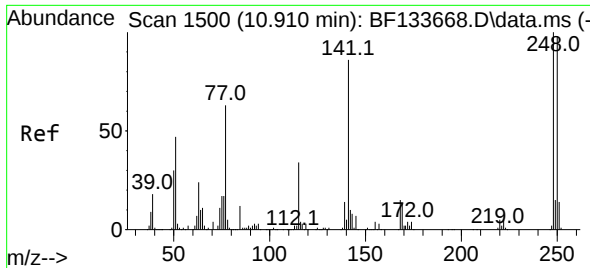


#66
n-Nitrosodiphenylamine
Concen: 39.161 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:169 Resp: 537741
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.1 29.8 44.8





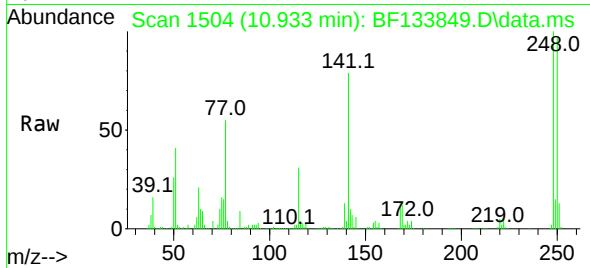
#67
4-Bromophenyl-phenylether
Concen: 39.819 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

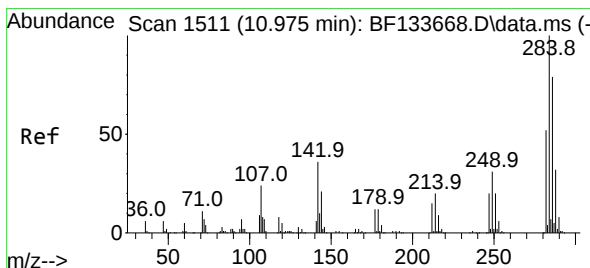
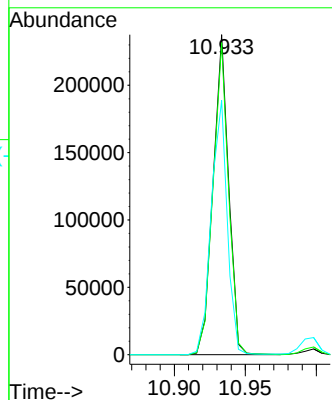


Tgt Ion:248 Resp: 181679
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 79.4 69.0 103.6

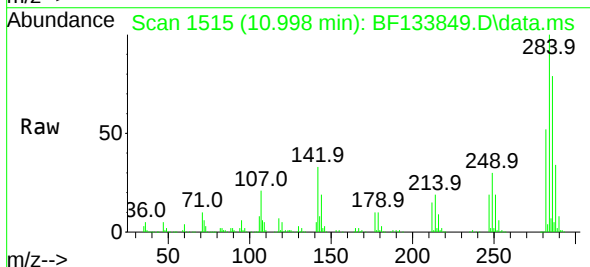
Manual Integrations

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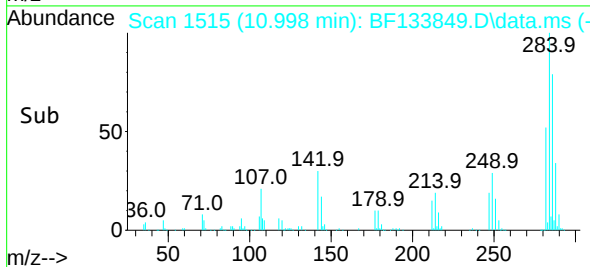
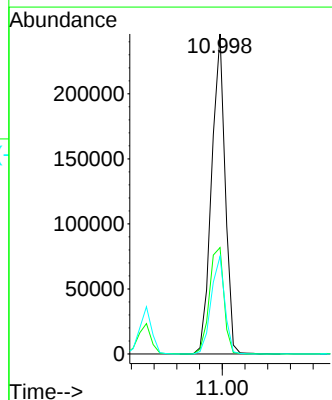
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

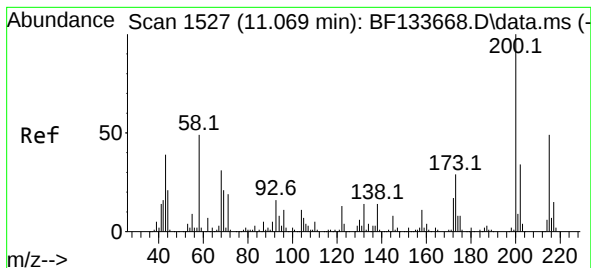


#68
Hexachlorobenzene
Concen: 42.379 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:284 Resp: 203337
Ion Ratio Lower Upper
284 100
142 33.2 28.6 42.8
249 30.5 24.6 36.8





#69

Atrazine

Concen: 41.737 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:200 Resp: 16628

Ion Ratio Lower Upper

200 100

173 29.2 8.7 48.7

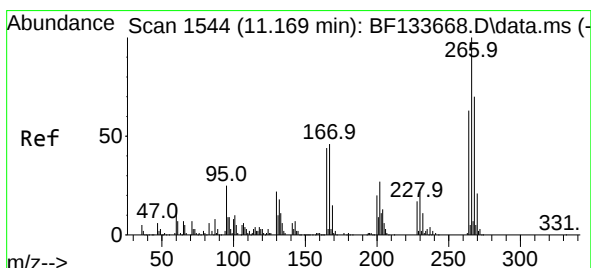
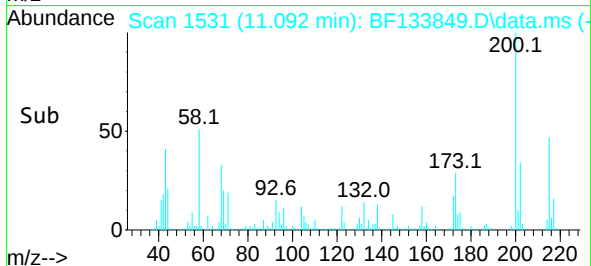
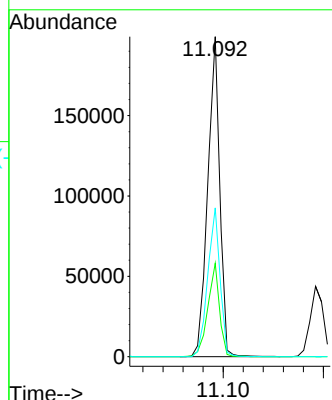
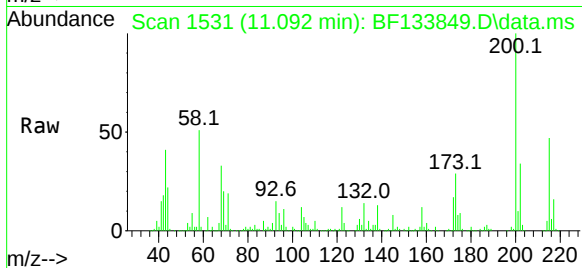
215 46.5 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#70

Pentachlorophenol

Concen: 75.891 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

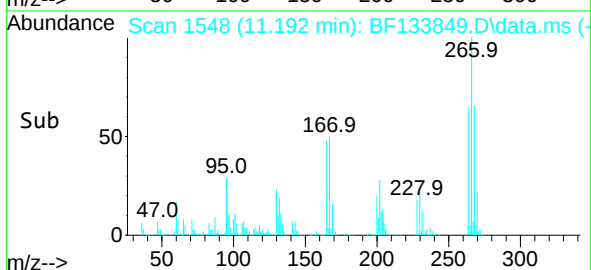
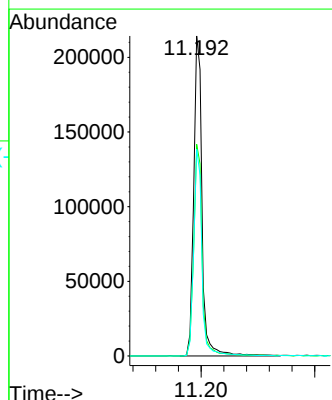
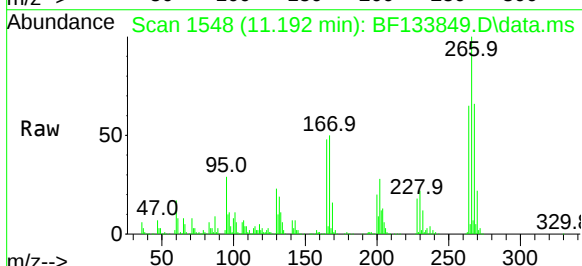
Tgt Ion:266 Resp: 218042

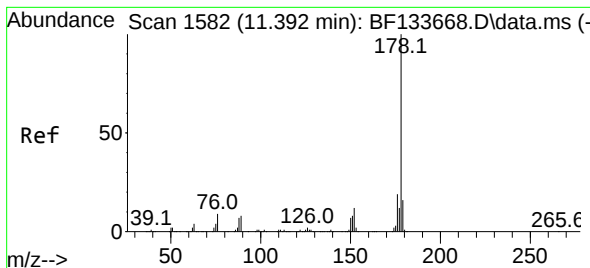
Ion Ratio Lower Upper

266 100

268 66.2 55.7 83.5

264 64.6 50.7 76.1





#71

Phenanthrene

Concen: 41.161 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:178 Resp: 853690

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

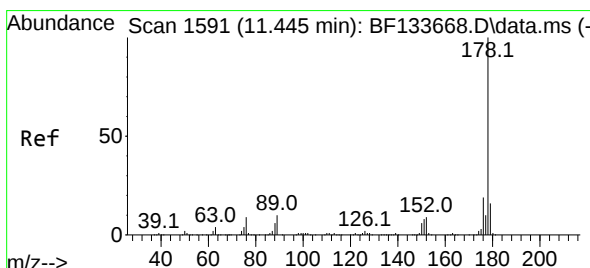
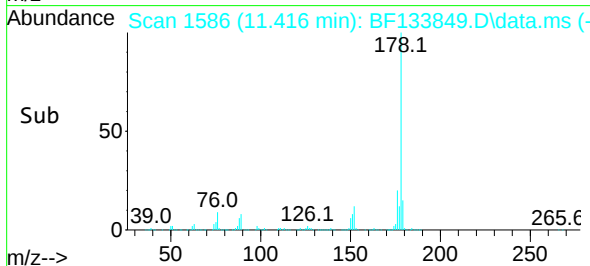
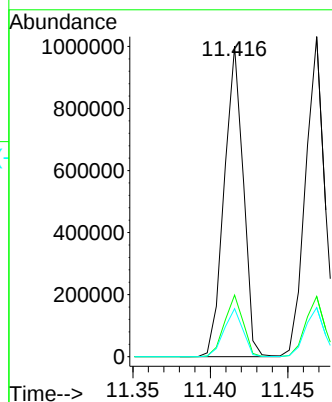
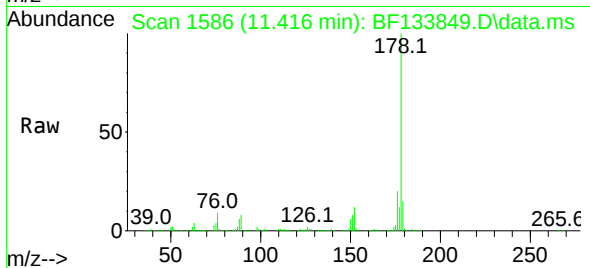
179 15.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#72

Anthracene

Concen: 40.308 ng

RT: 11.469 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

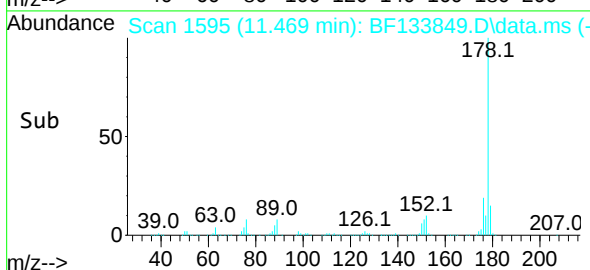
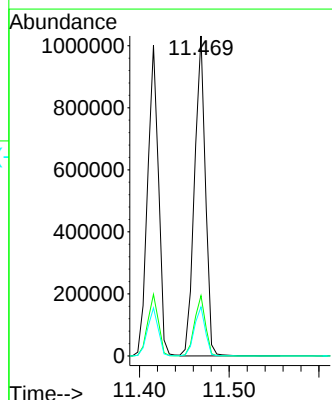
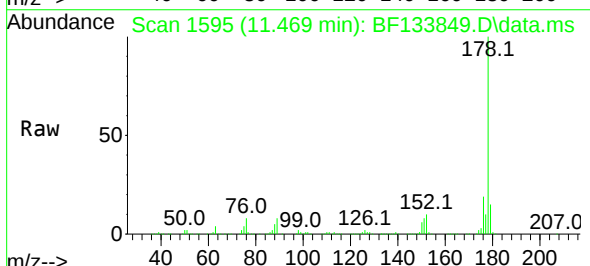
Tgt Ion:178 Resp: 871670

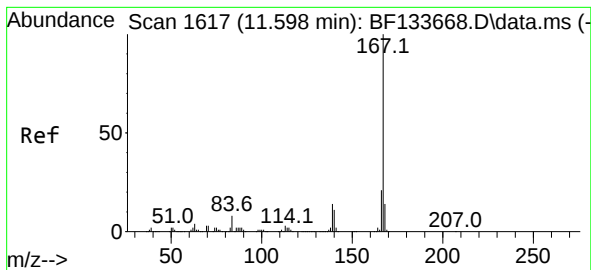
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.4 12.6 18.8





#73

Carbazole

Concen: 38.495 ng

RT: 11.627 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

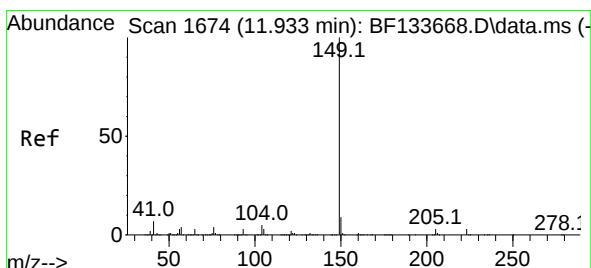
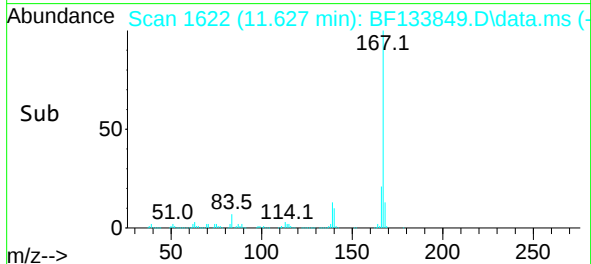
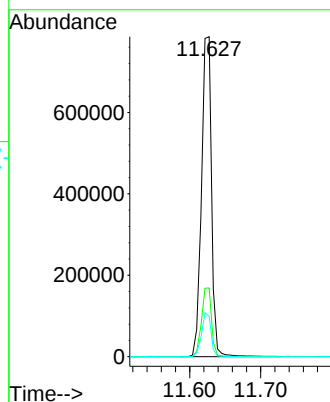
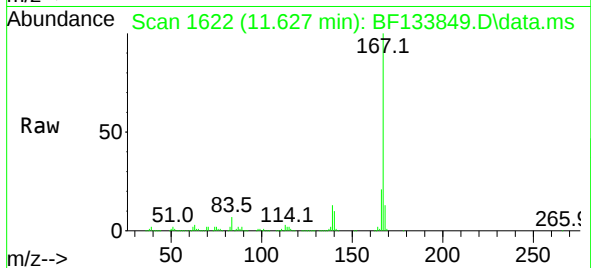
Tgt Ion:167	Resp: 77534
Ion Ratio	Lower Upper
167 100	
166 21.5	17.0 25.6
139 12.7	11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#74

Di-n-butylphthalate

Concen: 37.509 ng

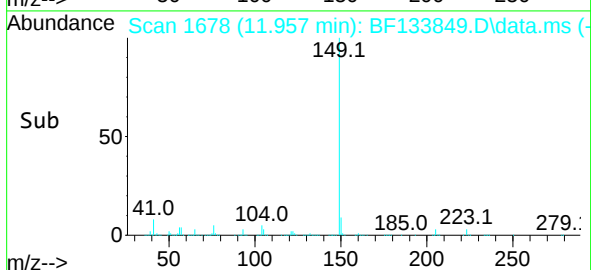
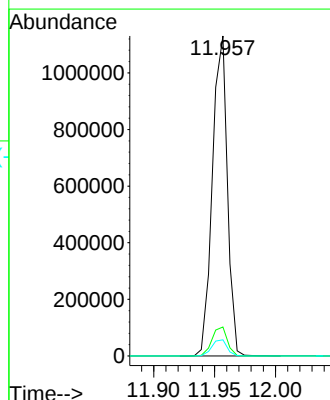
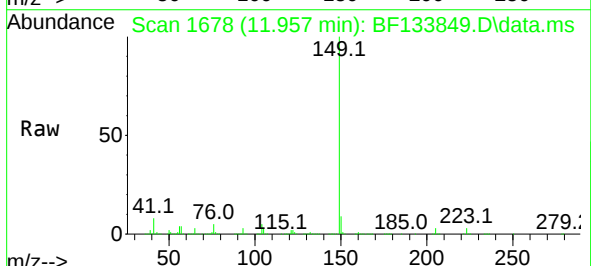
RT: 11.957 min Scan# 1678

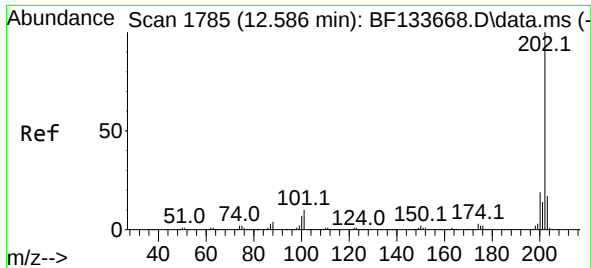
Delta R.T. -0.000 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

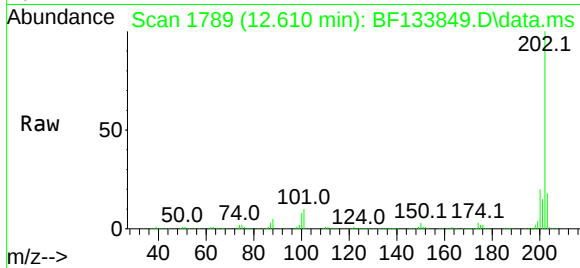
Tgt Ion:149	Resp: 968525
Ion Ratio	Lower Upper
149 100	
150 9.0	7.4 11.0
104 5.0	3.8 5.8





#75
Fluoranthene
Concen: 38.621 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

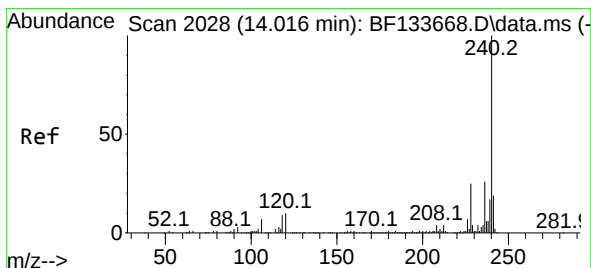
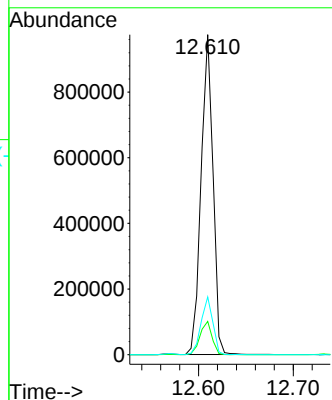
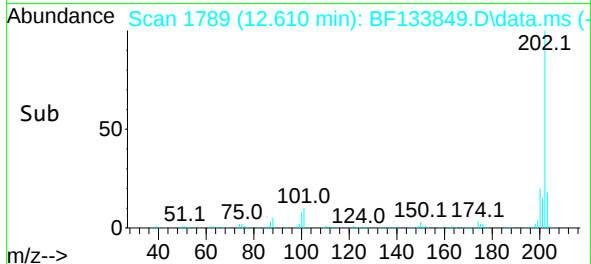
Instrument :
BNA_F
ClientSampleId :
PB153261BS



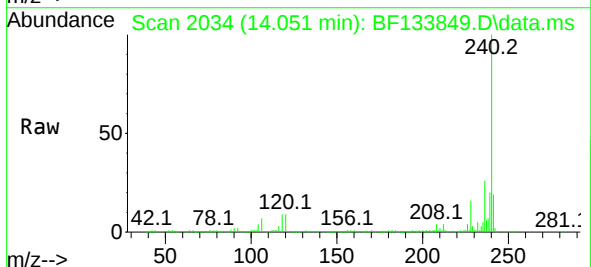
Tgt Ion:202 Resp: 850612
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.6
203 18.1 0.0 37.4

Manual Integrations
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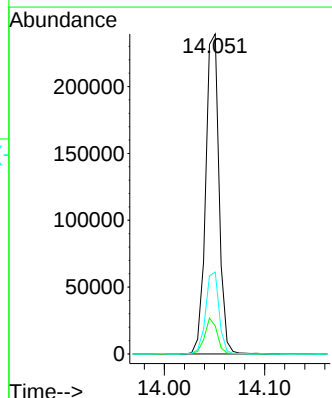
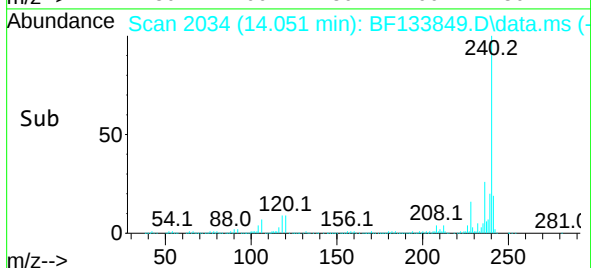
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

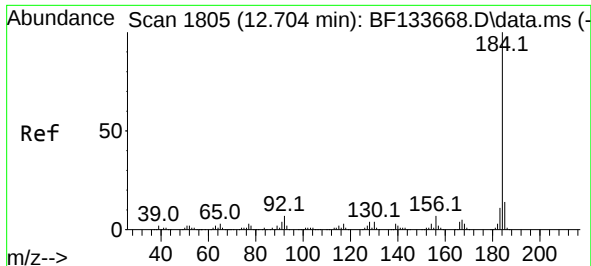


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



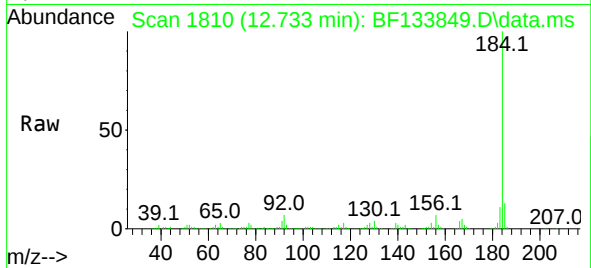
Tgt Ion:240 Resp: 222919
Ion Ratio Lower Upper
240 100
120 8.8 8.1 12.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 31.772 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

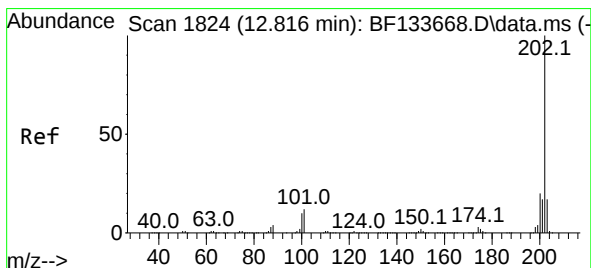
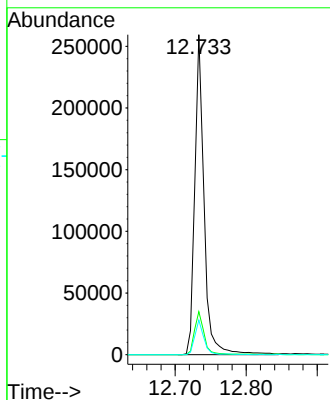
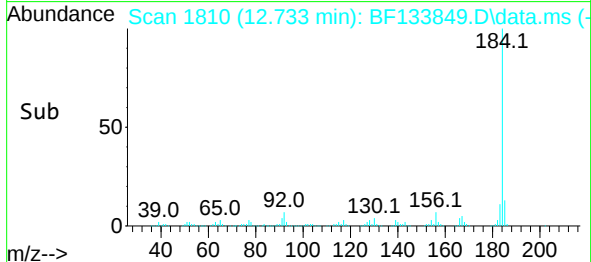
Instrument :
BNA_F
ClientSampleId :
PB153261BS



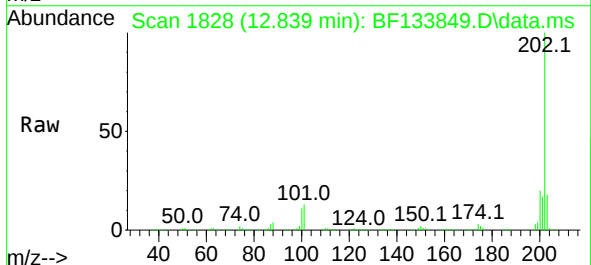
Tgt Ion:184 Resp: 237662
Ion Ratio Lower Upper
184 100
185 13.4 11.6 17.4
183 10.8 8.4 12.6

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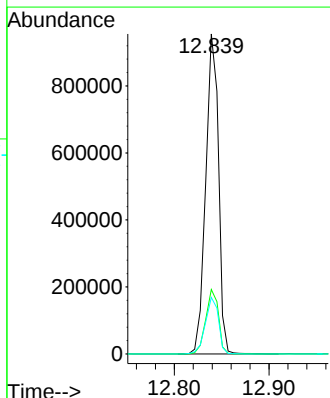
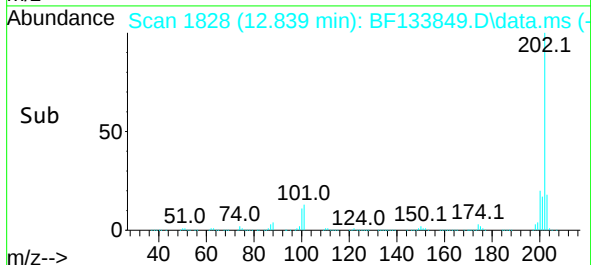
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#78
Pyrene
Concen: 43.063 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:202 Resp: 894229
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.7 13.9 20.9





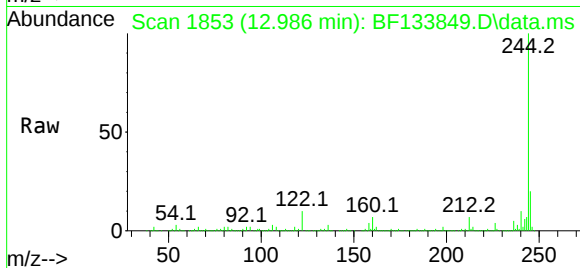
#79
 Terphenyl-d14
 Concen: 84.114 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133849.D
 Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

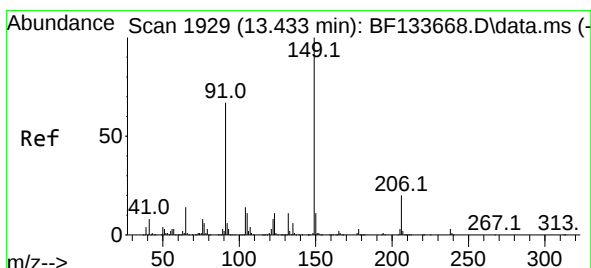
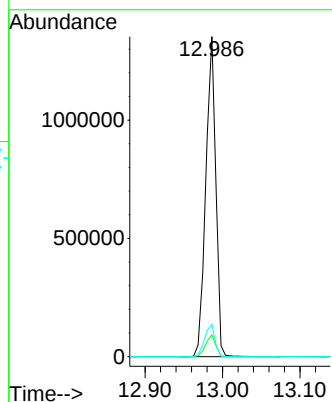
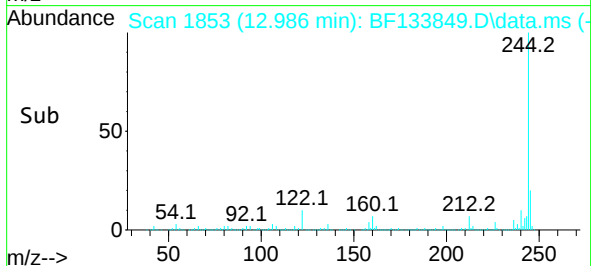


Tgt Ion:244 Resp: 121178
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.1 8.1 12.1

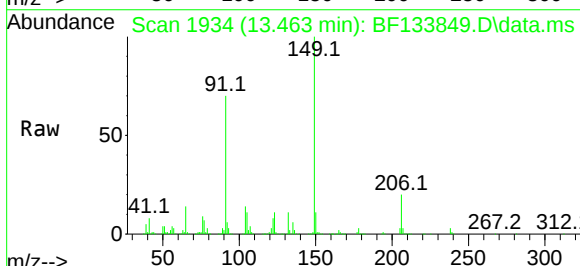
Manual Integrations

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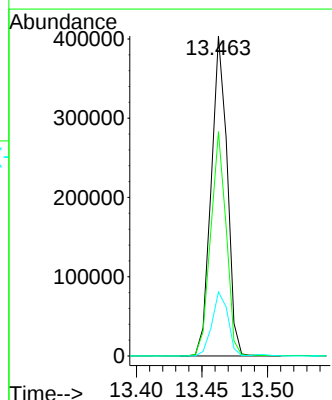
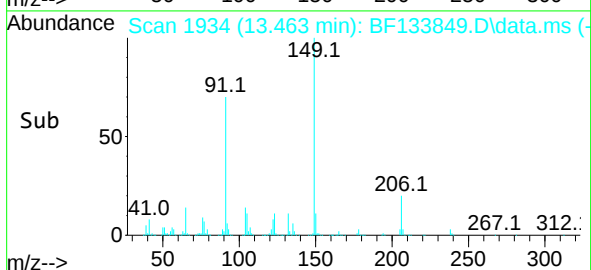
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

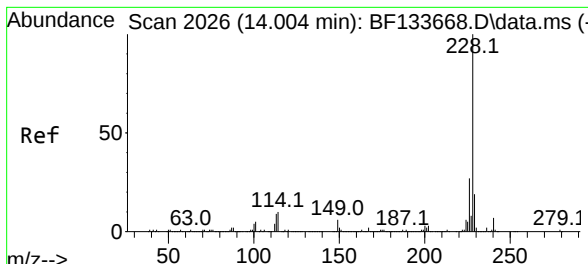


#80
 Butylbenzylphthalate
 Concen: 39.064 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF133849.D
 Acq: 20 Jun 2023 11:10



Tgt Ion:149 Resp: 342461
 Ion Ratio Lower Upper
 149 100
 91 70.1 54.0 81.0
 206 20.0 15.6 23.4





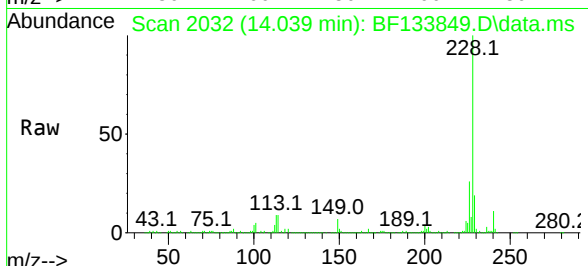
#81
Benzo(a)anthracene
Concen: 41.196 ng
RT: 14.039 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

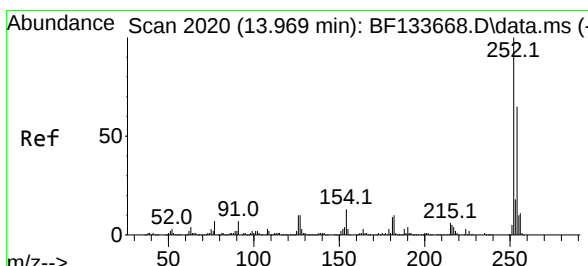
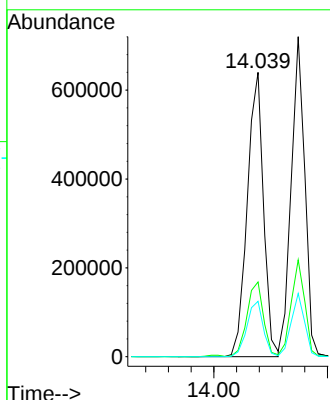
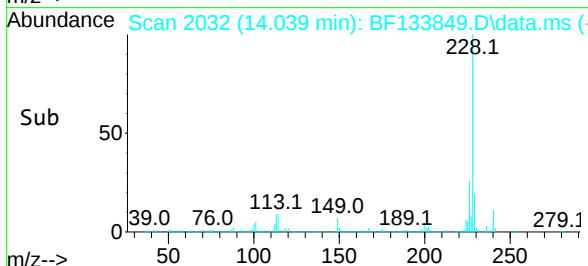


Tgt Ion:228 Resp: 635218
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 19.5 15.4 23.2

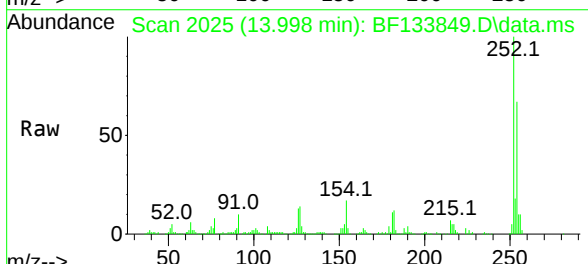
Manual Integrations

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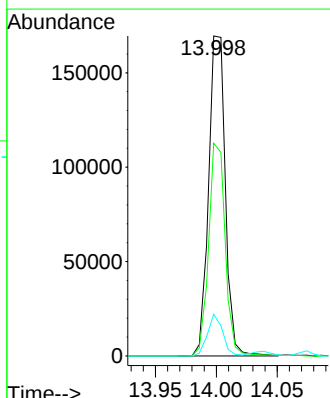
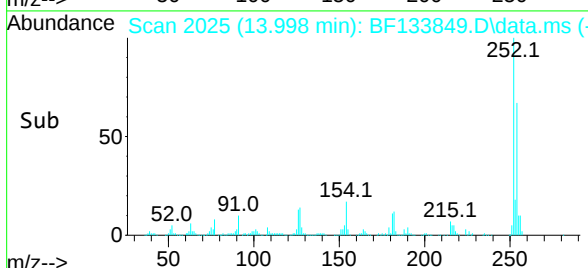
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

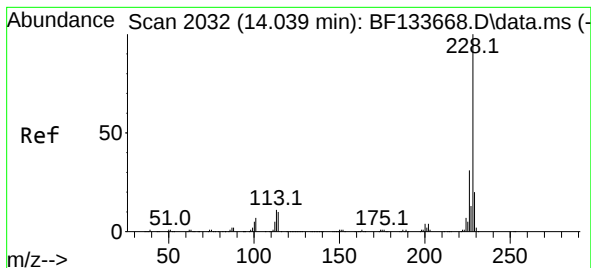


#82
3,3'-Dichlorobenzidine
Concen: 31.582 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:252 Resp: 161898
Ion Ratio Lower Upper
252 100
254 66.5 51.9 77.9
126 13.0 7.7 11.5





#83

Chrysene

Concen: 41.184 ng

RT: 14.074 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

ClientSampleId :

PB153261BS

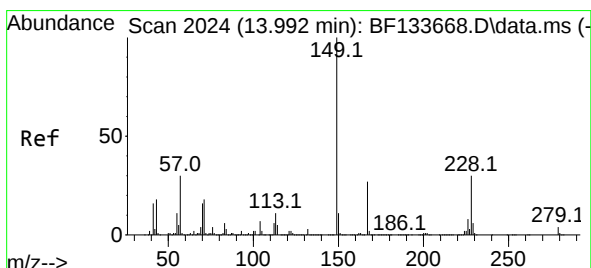
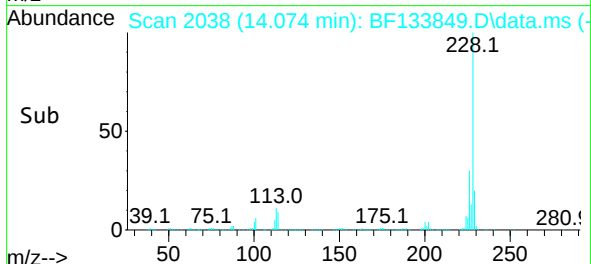
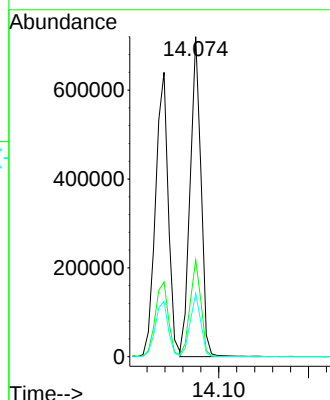
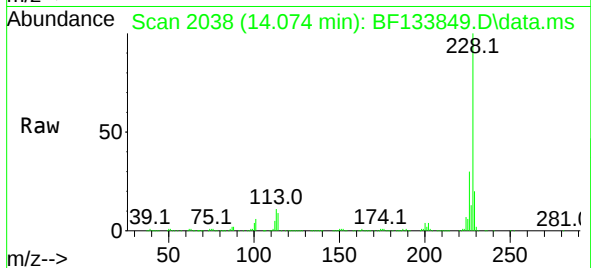
Tgt Ion:228 Resp: 600620
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.798 ng

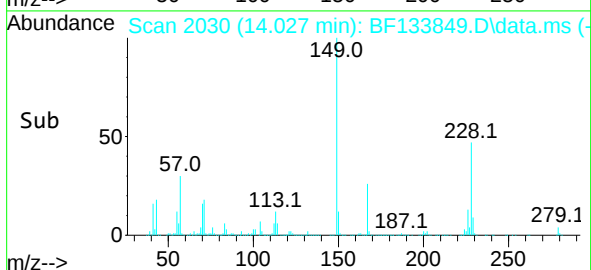
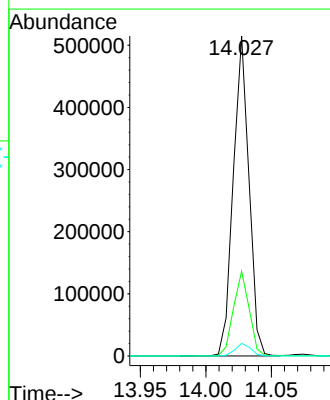
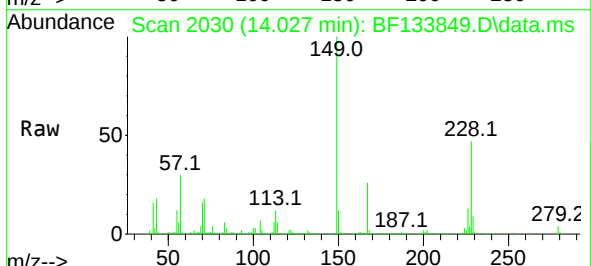
RT: 14.027 min Scan# 2030

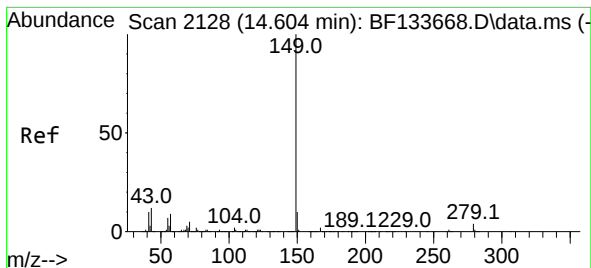
Delta R.T. -0.000 min

Lab File: BF133849.D

Acq: 20 Jun 2023 11:10

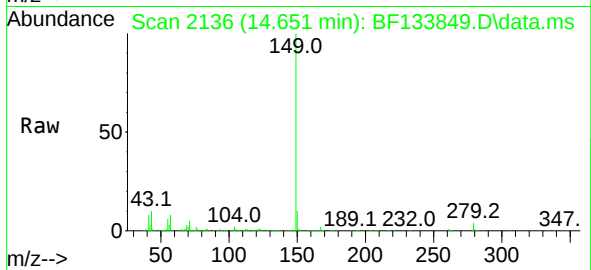
Tgt Ion:149 Resp: 429590
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.8 32.8
 279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 46.977 ng
RT: 14.651 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

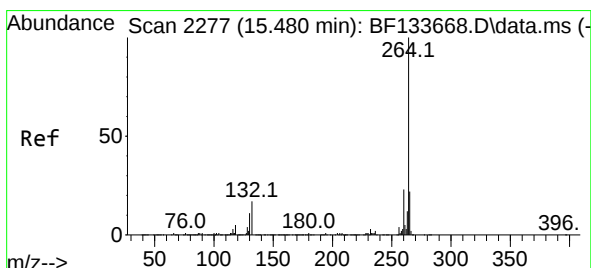
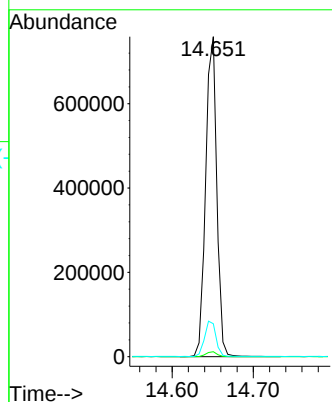
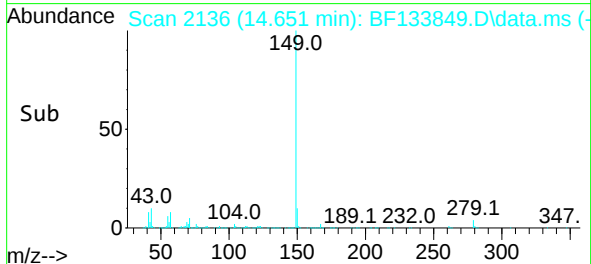
Instrument :
BNA_F
ClientSampleId :
PB153261BS



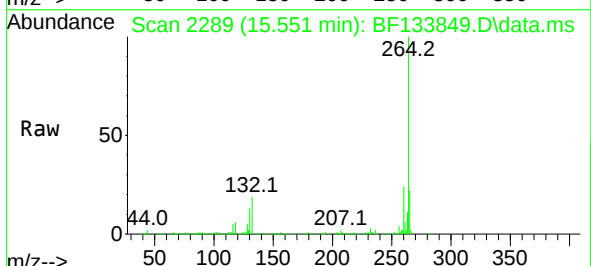
Tgt Ion:149 Resp: 720590
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.4 8.7 13.1

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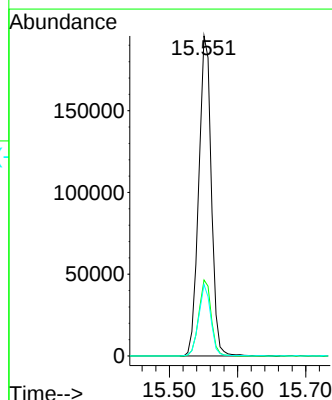
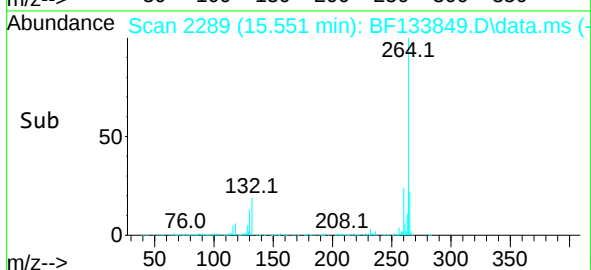
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

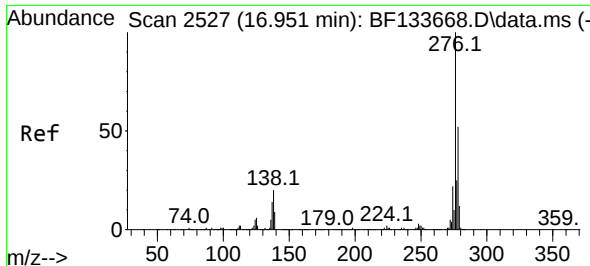


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:264 Resp: 249548
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.2
265 22.3 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.852 ng
RT: 17.109 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

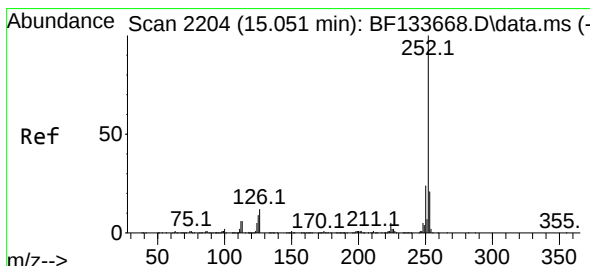
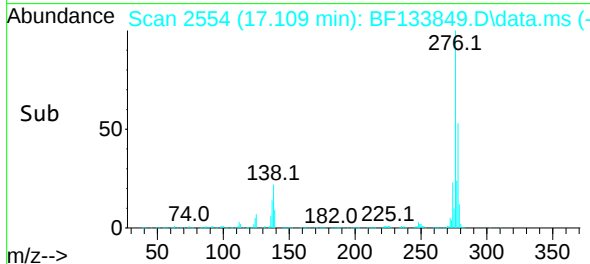
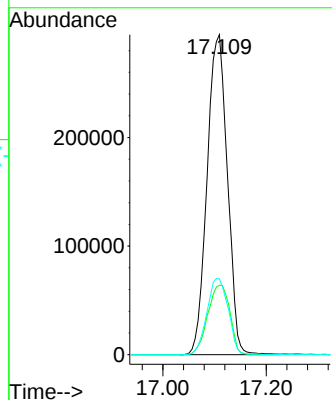
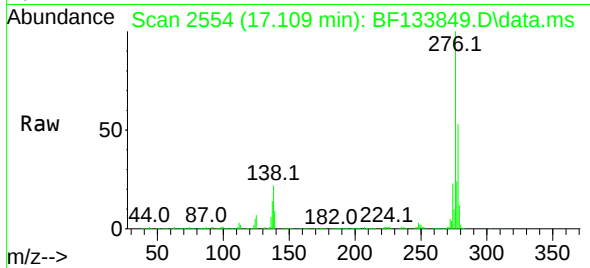
ClientSampleId :

PB153261BS

Tgt Ion:276 Resp: 804360
Ion Ratio Lower Upper
276 100
138 23.8 17.9 26.9
277 24.8 20.3 30.5

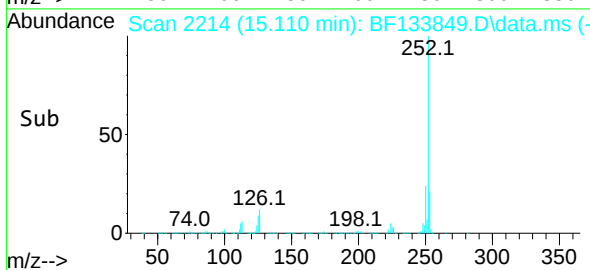
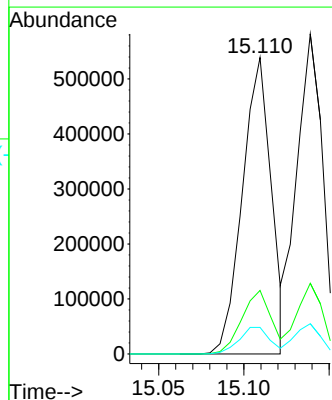
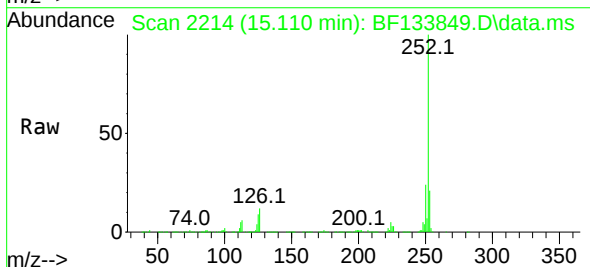
Manual Integrations
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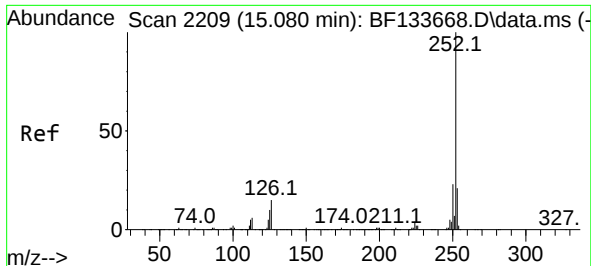
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#88
Benzo(b)fluoranthene
Concen: 41.962 ng
RT: 15.110 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

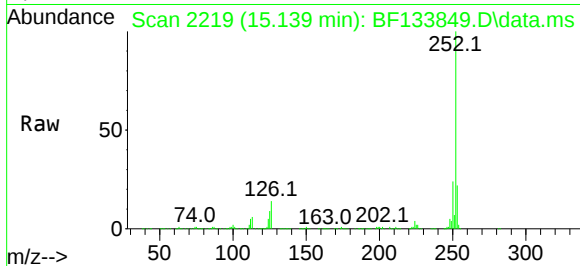
Tgt Ion:252 Resp: 636105
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 8.9 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 41.976 ng
RT: 15.139 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

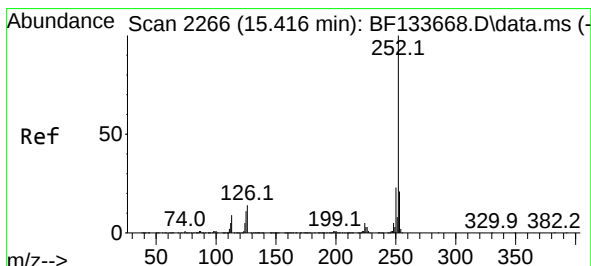
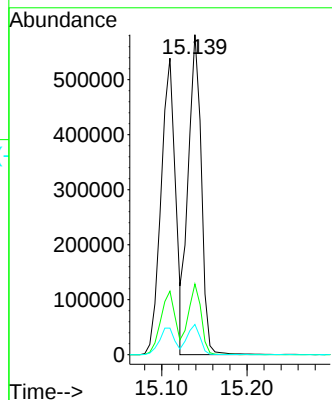
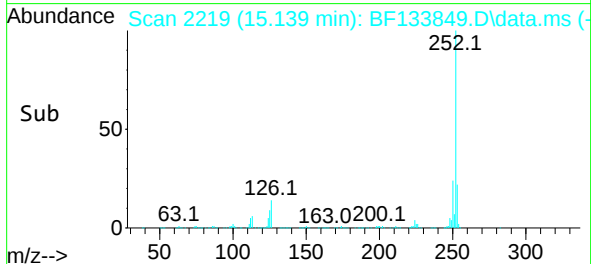
Instrument :
BNA_F
ClientSampleId :
PB153261BS



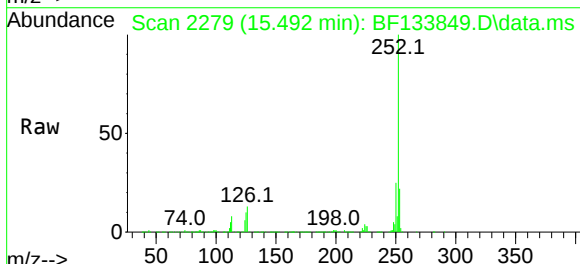
Tgt Ion:252 Resp: 619840
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 9.5 7.8 11.6

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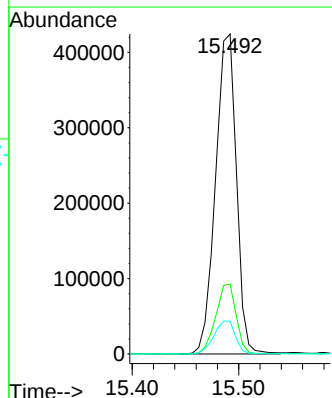
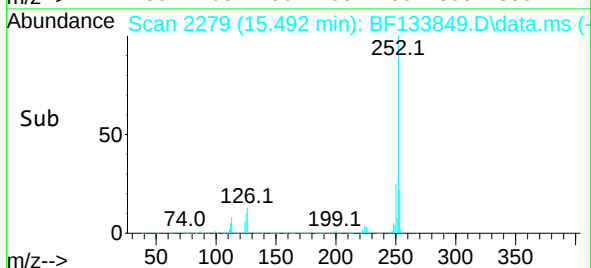
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

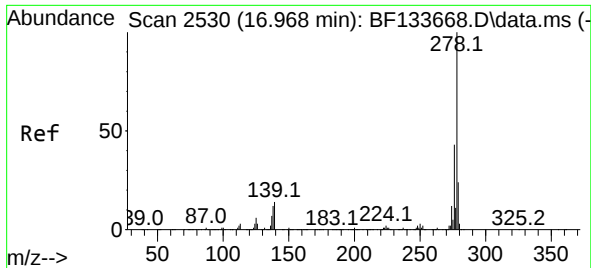


#90
Benzo(a)pyrene
Concen: 41.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10



Tgt Ion:252 Resp: 576823
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.2 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 45.663 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Instrument :

BNA_F

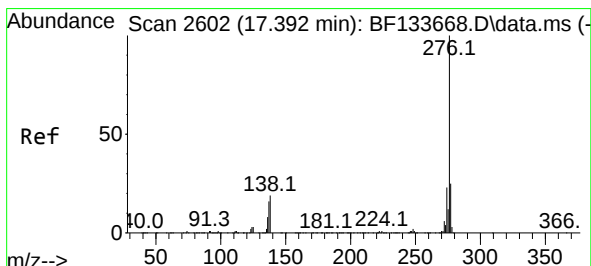
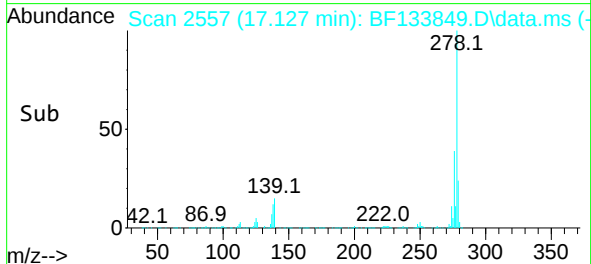
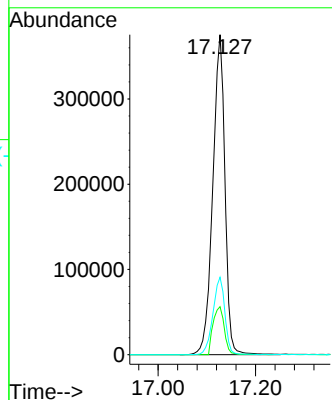
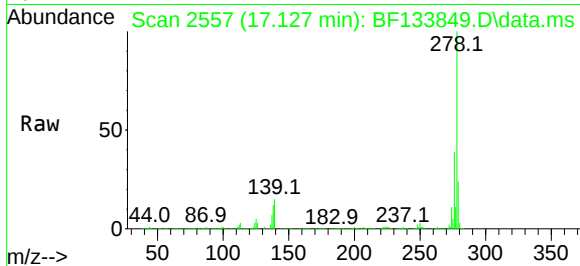
ClientSampleId :

PB153261BS

Tgt Ion:278 Resp: 649019
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 24.2 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#92
Benzo(g,h,i)perylene
Concen: 46.150 ng
RT: 17.580 min Scan# 2634
Delta R.T. -0.006 min
Lab File: BF133849.D
Acq: 20 Jun 2023 11:10

Tgt Ion:276 Resp: 650360
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 20.1 15.0 22.4

