

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133723.D
 Acq On : 13 Jun 2023 10:49
 Operator : CG\JU
 Sample : PB153230BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153230BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 11:28:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	88897	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	340861	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	177501	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	338111	20.000	ng	0.00
76) Chrysene-d12	14.010	240	183600	20.000	ng	0.00
86) Perylene-d12	15.474	264	153767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	687068	134.551	ng	0.02
7) Phenol-d6	6.475	99	825976	124.267	ng	0.00
23) Nitrobenzene-d5	7.404	82	585000	93.478	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	284193	126.485	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1072837	85.918	ng	0.00
79) Terphenyl-d14	12.957	244	1199473	101.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	79745	35.522	ng	96
3) Pyridine	3.399	79	216351	33.064	ng	98
4) n-Nitrosodimethylamine	3.352	42	163767	45.278	ng	96
6) Aniline	6.498	93	270899	32.359	ng	99
8) 2-Chlorophenol	6.622	128	258953	48.121	ng	95
9) Benzaldehyde	6.387	77	130893	29.682	ng	98
10) Phenol	6.487	94	302407	43.571	ng	87
11) bis(2-Chloroethyl)ether	6.575	93	237791	46.150	ng	98
12) 1,3-Dichlorobenzene	6.775	146	277379	48.243	ng	97
13) 1,4-Dichlorobenzene	6.851	146	278759	47.969	ng	97
14) 1,2-Dichlorobenzene	7.004	146	267221	50.889	ng	99
15) Benzyl Alcohol	6.981	79	245991	47.385	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	426067	48.780	ng	99
17) 2-Methylphenol	7.092	107	211369	44.314	ng	98
18) Hexachloroethane	7.345	117	108574	54.574	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	193656	45.792	ng	95
20) 3+4-Methylphenols	7.245	107	262975	42.382	ng	# 85
22) Acetophenone	7.251	105	368946	47.193	ng	# 97
24) Nitrobenzene	7.422	77	286402	45.449	ng	98
25) Isophorone	7.657	82	522072	45.440	ng	99
26) 2-Nitrophenol	7.739	139	139485	49.322	ng	96
27) 2,4-Dimethylphenol	7.775	122	222562	45.659	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	300935	45.319	ng	98
29) 2,4-Dichlorophenol	7.981	162	215598	45.129	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	230833	46.311	ng	100
31) Naphthalene	8.145	128	732849	44.130	ng	100
32) Benzoic acid	7.898	122	152067m	49.465	ng	
33) 4-Chloroaniline	8.187	127	109378	15.404	ng	99
34) Hexachlorobutadiene	8.257	225	152822	46.829	ng	99
35) Caprolactam	8.575	113	71033m	44.187	ng	
36) 4-Chloro-3-methylphenol	8.675	107	250430	45.478	ng	98
37) 2-Methylnaphthalene	8.834	142	498033	43.162	ng	100
38) 1-Methylnaphthalene	8.934	142	462078	43.519	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	238164	44.136	ng	# 98
41) Hexachlorocyclopentadiene	8.986	237	326908	135.945	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	160242	44.438	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133723.D
 Acq On : 13 Jun 2023 10:49
 Operator : CG\JU
 Sample : PB153230BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153230BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 11:28:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	170486	40.639	ng	96
46) 1,1'-Biphenyl	9.298	154	631059	44.082	ng	99
47) 2-Chloronaphthalene	9.328	162	463950	45.180	ng	99
48) 2-Nitroaniline	9.422	65	166331	44.289	ng	96
49) Acenaphthylene	9.739	152	767525	42.943	ng	100
50) Dimethylphthalate	9.604	163	564432	42.602	ng	99
51) 2,6-Dinitrotoluene	9.663	165	121232	44.331	ng	# 70
52) Acenaphthene	9.916	154	455729	43.562	ng	100
53) 3-Nitroaniline	9.833	138	80668	24.239	ng	89
54) 2,4-Dinitrophenol	9.945	184	140236	103.157	ng	88
55) Dibenzofuran	10.086	168	700807	43.901	ng	96
56) 4-Nitrophenol	9.998	139	209390	93.227	ng	# 72
57) 2,4-Dinitrotoluene	10.075	165	163625	47.045	ng	95
58) Fluorene	10.428	166	542362	44.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	148523	47.288	ng	97
60) Diethylphthalate	10.304	149	595800	44.185	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	260095	43.158	ng	94
62) 4-Nitroaniline	10.451	138	137006	41.988	ng	90
63) Azobenzene	10.580	77	565205	44.277	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	90389	55.946	ng	80
66) n-Nitrosodiphenylamine	10.539	169	481566	42.402	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	160625	42.564	ng	98
68) Hexachlorobenzene	10.975	284	179841	45.318	ng	96
69) Atrazine	11.069	200	162910	49.437	ng	97
70) Pentachlorophenol	11.175	266	197750	83.217	ng	98
71) Phenanthrene	11.392	178	772428	45.029	ng	100
72) Anthracene	11.445	178	780034	43.611	ng	99
73) Carbazole	11.598	167	735222	44.134	ng	100
74) Di-n-butylphthalate	11.927	149	916601	42.919	ng	99
75) Fluoranthene	12.580	202	822396	45.146	ng	98
77) Benzidine	12.704	184	301140	48.879	ng	98
78) Pyrene	12.816	202	824112	48.185	ng	100
80) Butylbenzylphthalate	13.427	149	326094	45.163	ng	95
81) Benzo(a)anthracene	14.004	228	583102	45.915	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	101574	24.058	ng	99
83) Chrysene	14.039	228	529605	44.091	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	385392	43.350	ng	96
85) Di-n-octyl phthalate	14.604	149	581502	46.028	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	602946	56.996	ng	99
88) Benzo(b)fluoranthene	15.051	252	461159	49.371	ng	99
89) Benzo(k)fluoranthene	15.080	252	438585	48.202	ng	98
90) Benzo(a)pyrene	15.415	252	396311	45.717	ng	97
91) Dibenzo(a,h)anthracene	16.968	278	495083	56.529	ng	100
92) Benzo(g,h,i)perylene	17.398	276	497135	57.251	ng	98

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

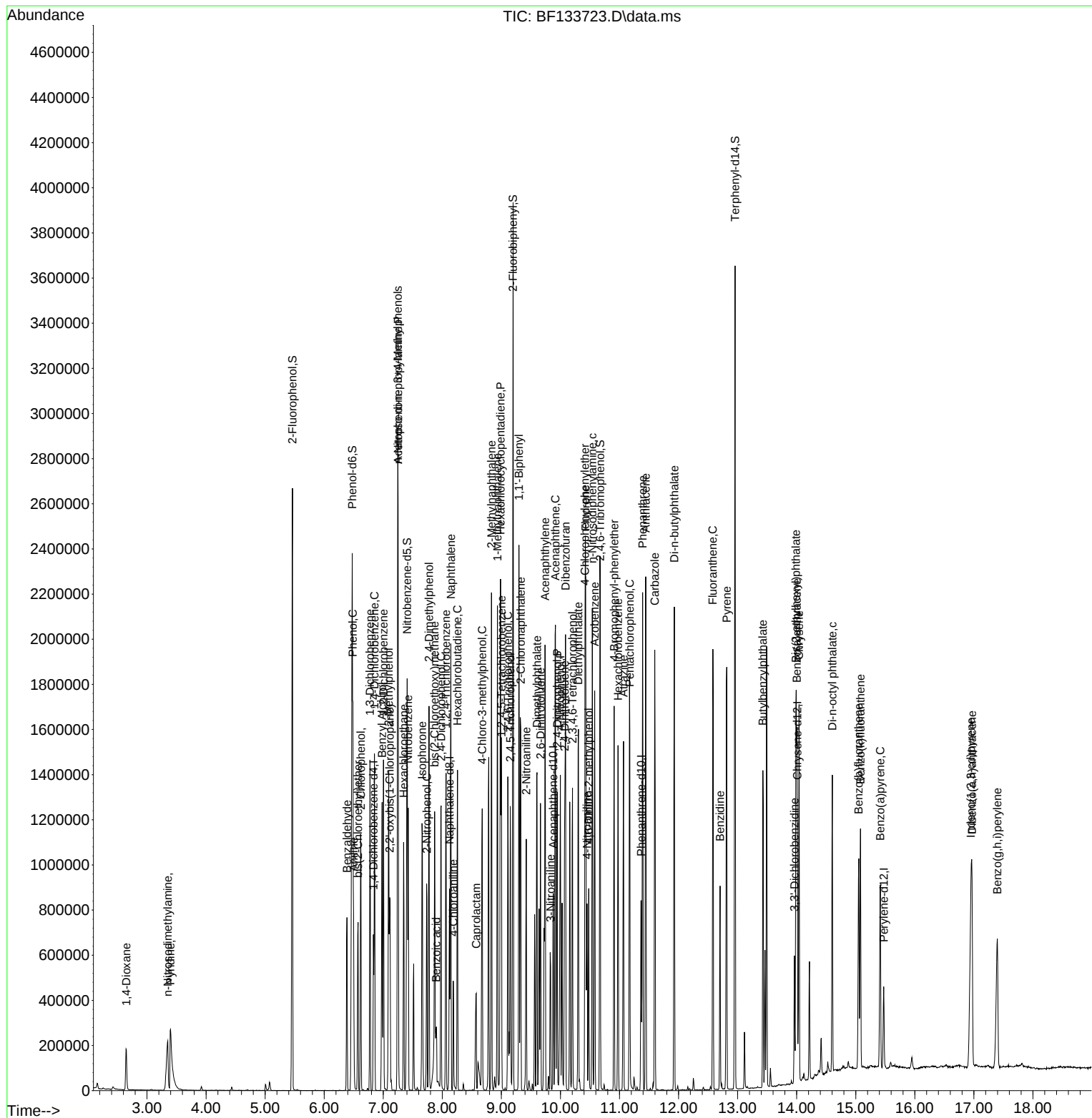
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133723.D
Acq On : 13 Jun 2023 10:49
Operator : CG\JU
Sample : PB153230BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

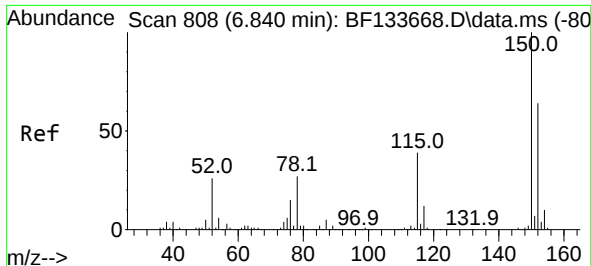
Instrument :
BNA_F
ClientSampleId :
PB153230BS

Quant Time: Jun 13 11:28:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 11:26:55 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

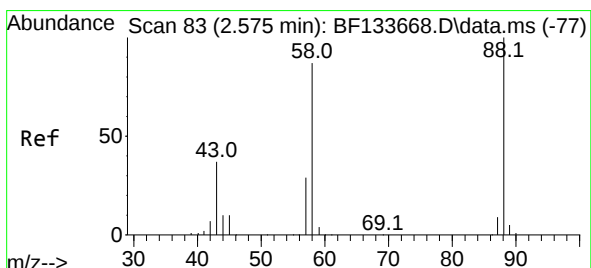
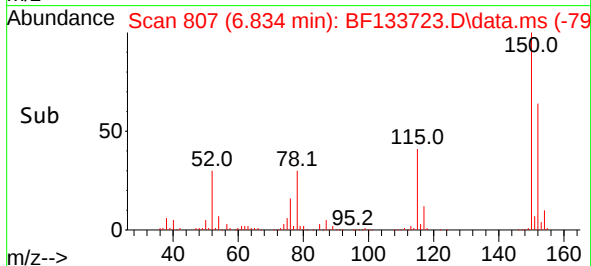
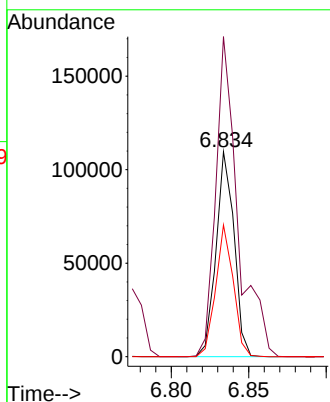
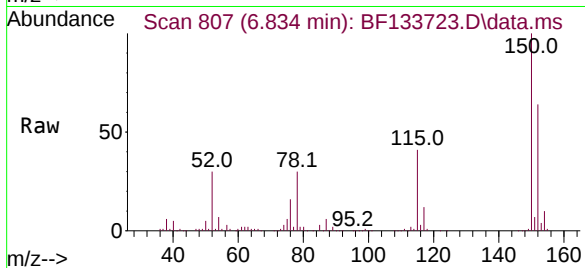
ClientSampleId :

PB153230BS

Tgt Ion:152 Resp: 8889
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 64.3 48.5 72.7

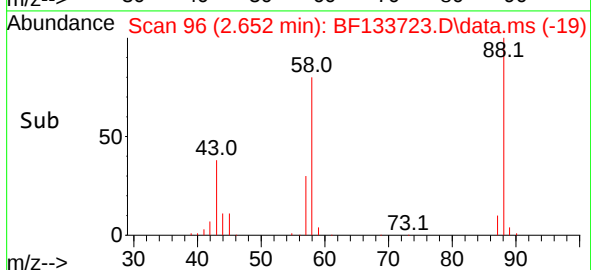
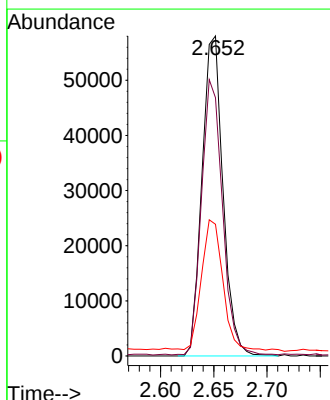
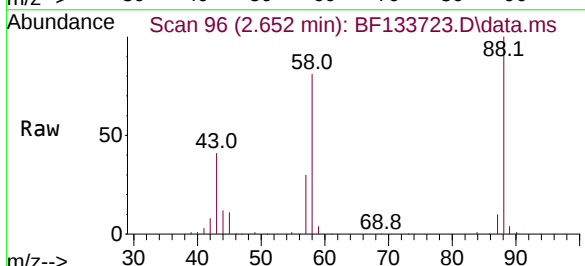
Manual Integrations
APPROVED

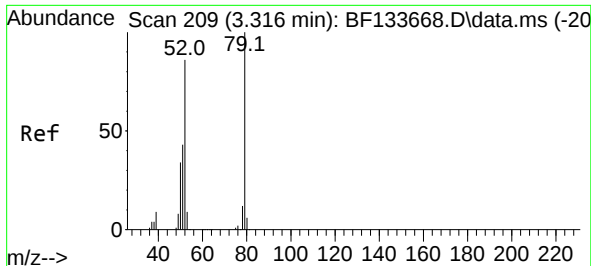
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 35.522 ng
RT: 2.652 min Scan# 96
Delta R.T. 0.100 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

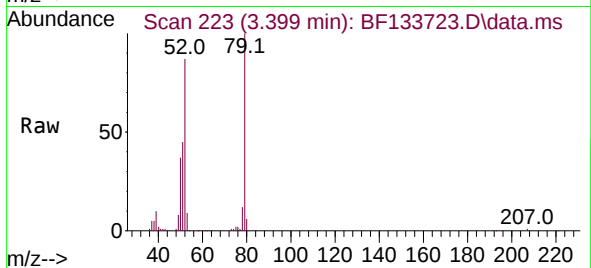
Tgt Ion: 88 Resp: 79745
Ion Ratio Lower Upper
88 100
58 86.1 67.8 101.6
43 42.6 29.8 44.6





#3
Pyridine
Concen: 33.064 ng
RT: 3.399 min Scan# 215
Delta R.T. 0.094 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

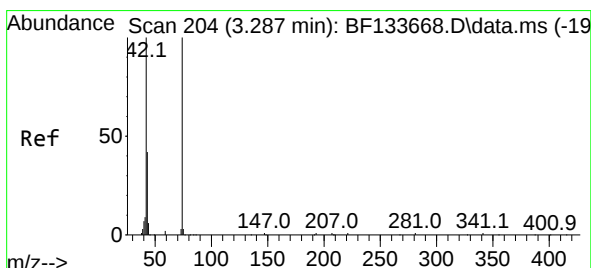
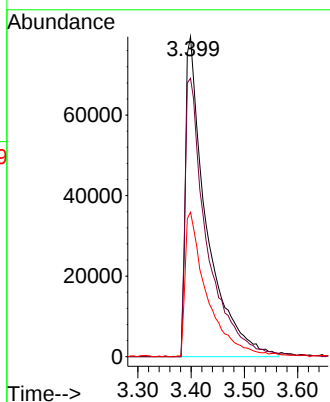
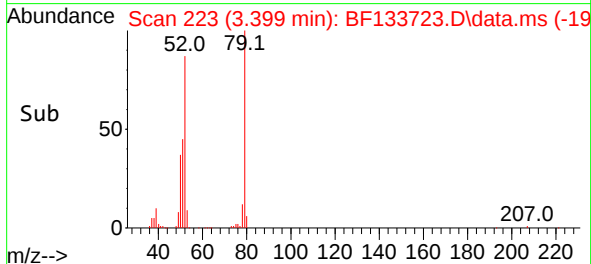
Instrument :
BNA_F
ClientSampleId :
PB153230BS



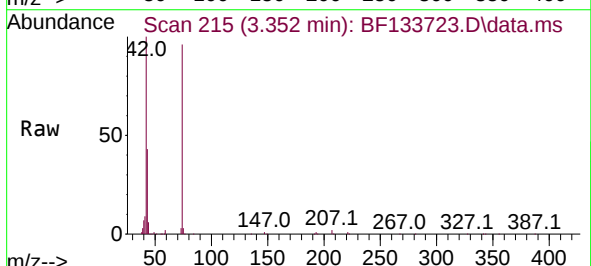
Tgt Ion: 79 Resp: 21635
Ion Ratio Lower Upper
79 100
52 87.0 68.6 102.8
51 45.1 34.8 52.2

Manual Integrations
APPROVED

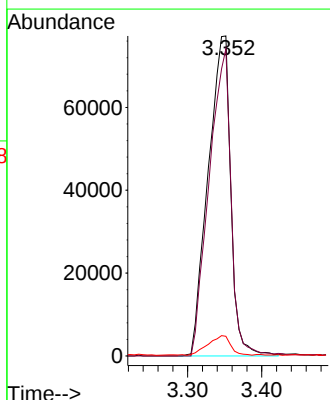
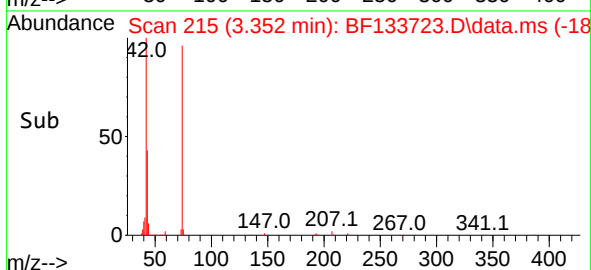
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#4
n-Nitrosodimethylamine
Concen: 45.278 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.094 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion: 42 Resp: 163767
Ion Ratio Lower Upper
42 100
74 95.9 79.8 119.8
44 6.2 4.7 7.1





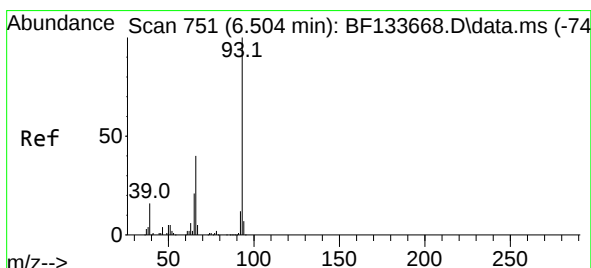
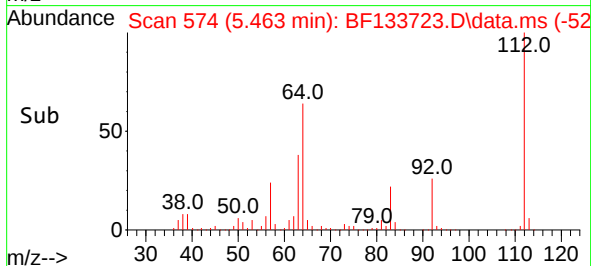
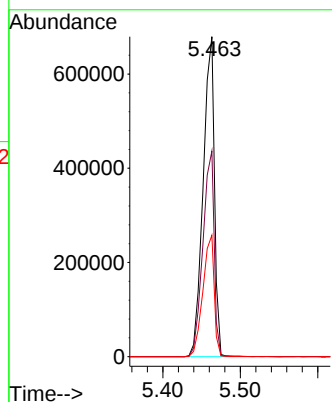
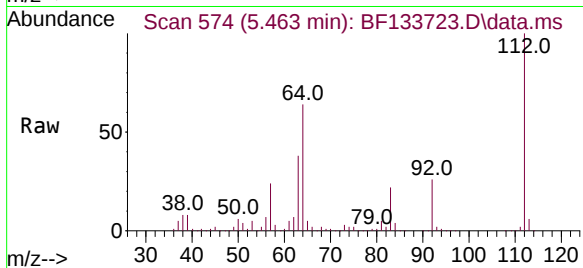
#5
2-Fluorophenol
Concen: 134.551 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion:112 Resp: 68706
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.4
63 37.9 26.8 40.2

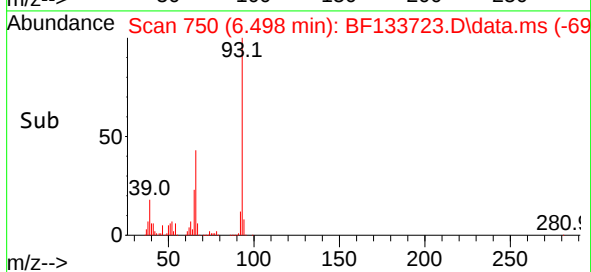
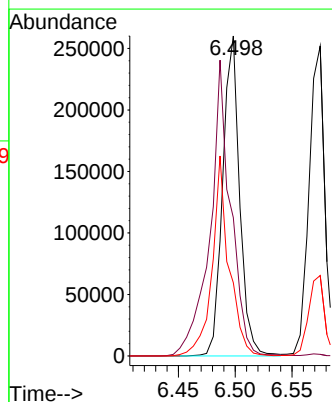
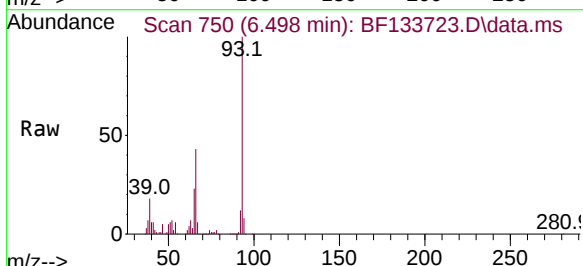
Manual Integrations
APPROVED

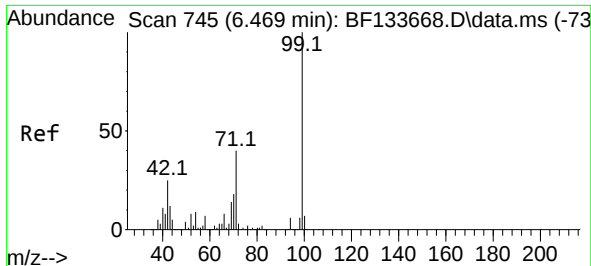
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 32.359 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion: 93 Resp: 270899
Ion Ratio Lower Upper
93 100
66 43.3 34.4 51.6
65 22.9 17.5 26.3





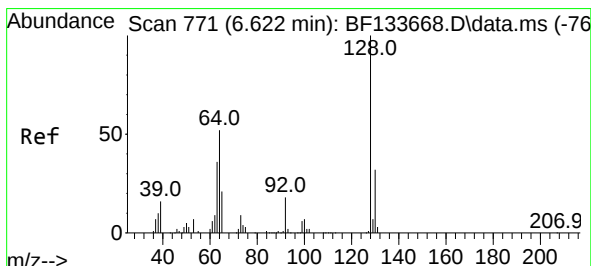
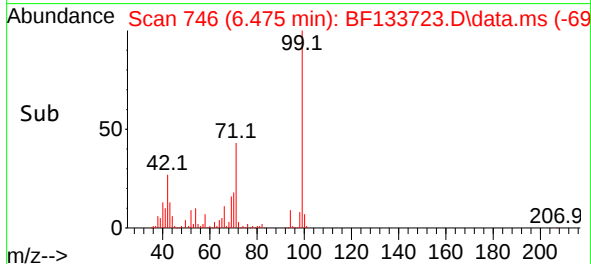
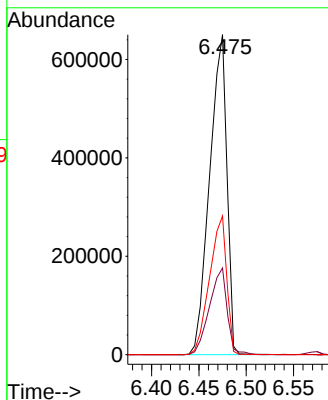
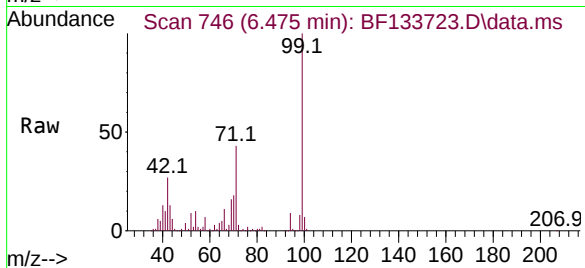
#7
Phenol-d6
Concen: 124.267 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion: 99 Resp: 825970
Ion Ratio Lower Upper
99 100
42 27.1 19.9 29.9
71 43.3 32.2 48.4

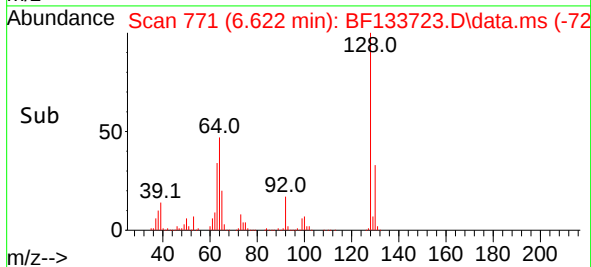
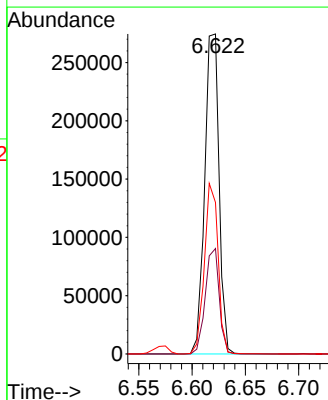
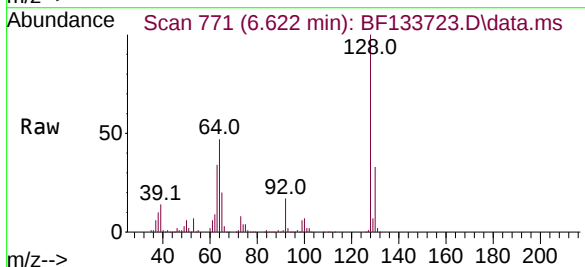
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#8
2-Chlorophenol
Concen: 48.121 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:128 Resp: 258953
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 47.4 33.1 73.1





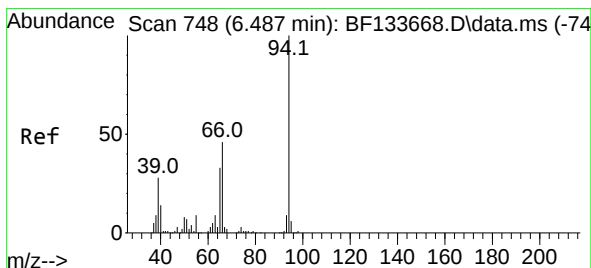
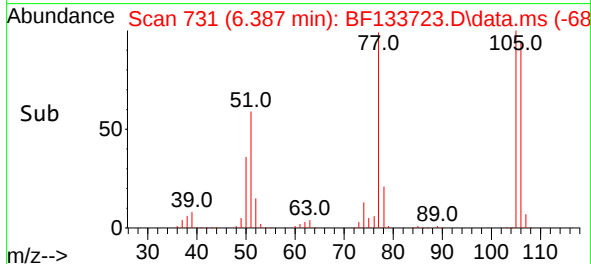
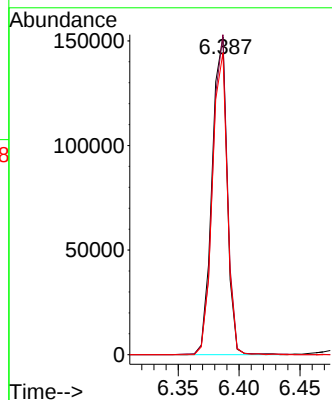
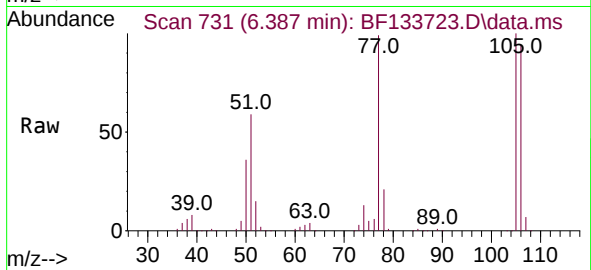
#9
Benzaldehyde
Concen: 29.682 ng
RT: 6.387 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion: 77 Resp: 13089
Ion Ratio Lower Upper
77 100
105 100.7 82.0 122.0
106 95.0 77.6 117.6

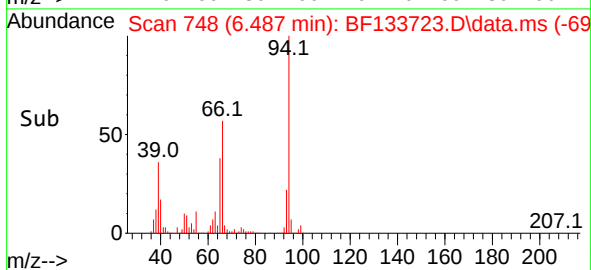
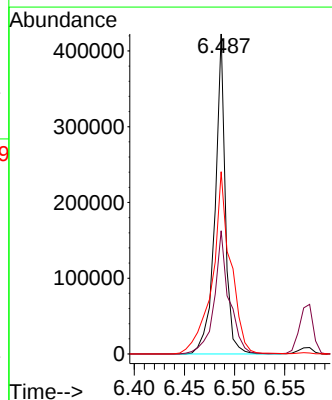
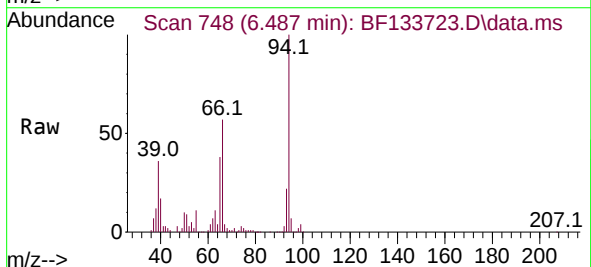
Manual Integrations
APPROVED

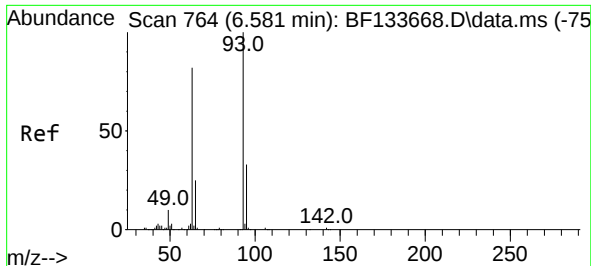
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 43.571 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

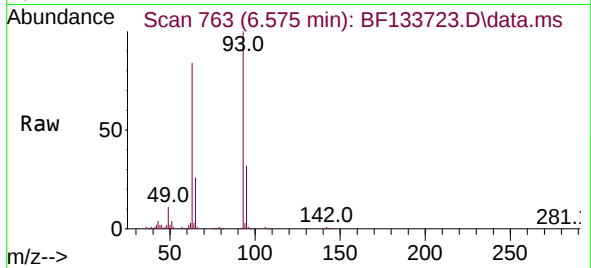
Tgt Ion: 94 Resp: 302407
Ion Ratio Lower Upper
94 100
65 38.5 13.2 53.2
66 56.9 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 46.150 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

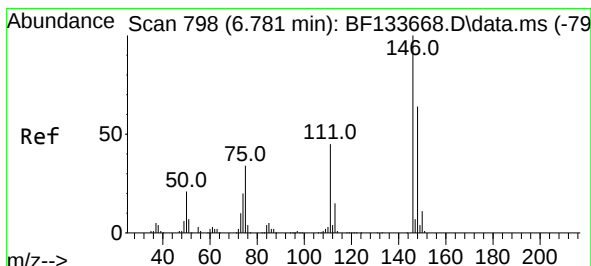
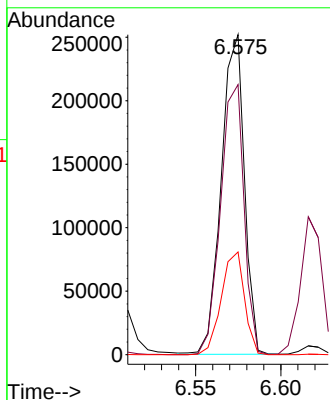
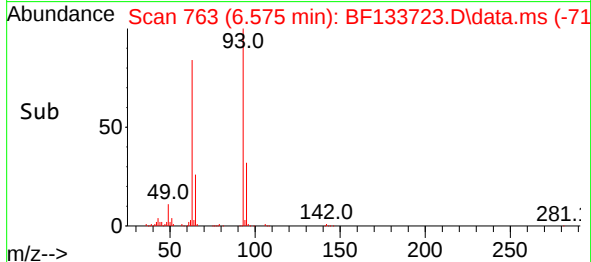
Instrument :
BNA_F
ClientSampleId :
PB153230BS



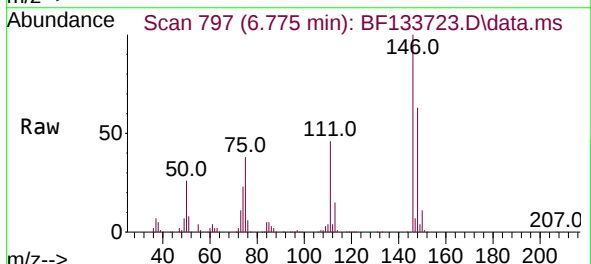
Tgt Ion: 93 Resp: 23779
Ion Ratio Lower Upper
93 100
63 84.4 62.1 102.1
95 32.1 13.0 53.0

Manual Integrations
APPROVED

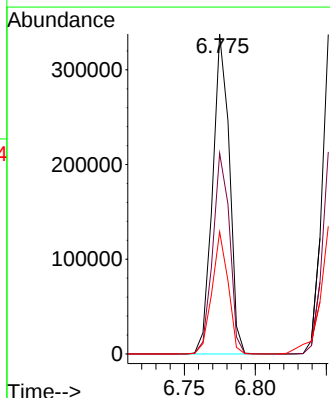
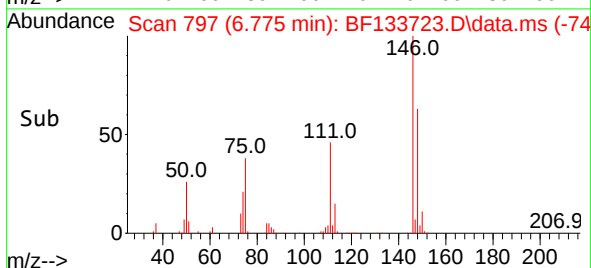
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

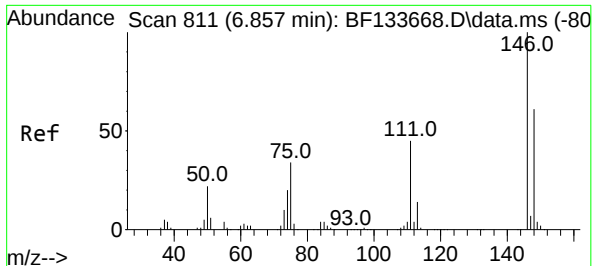


#12
1,3-Dichlorobenzene
Concen: 48.243 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:146 Resp: 277379
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
75 38.2 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 47.969 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:146 Resp: 278759

Ion Ratio Lower Upper

146 100

148 63.2 48.9 73.3

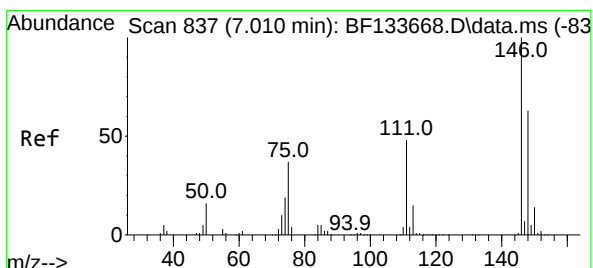
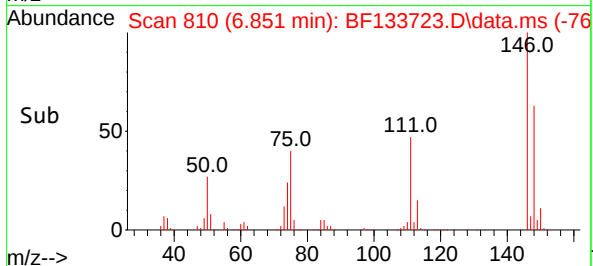
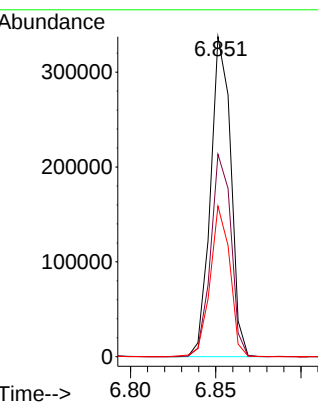
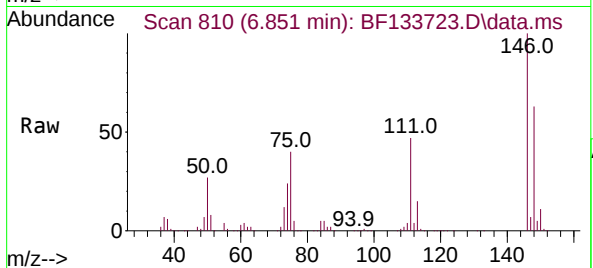
111 47.0 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#14

1,2-Dichlorobenzene

Concen: 50.889 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

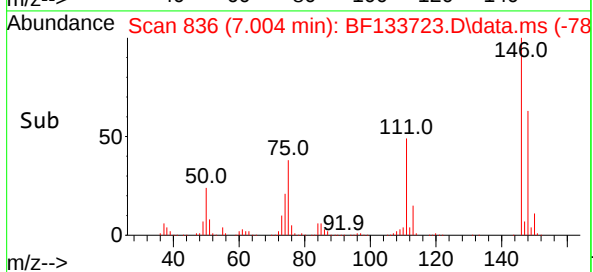
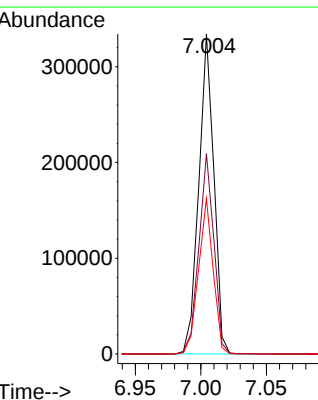
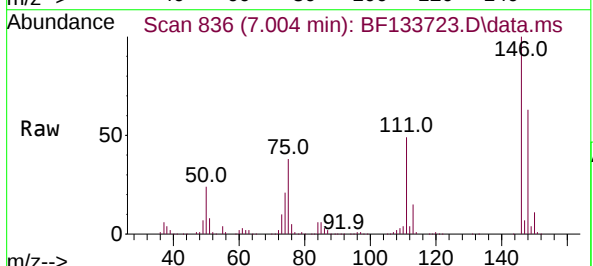
Tgt Ion:146 Resp: 267221

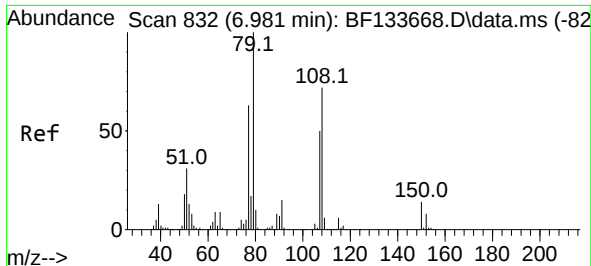
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

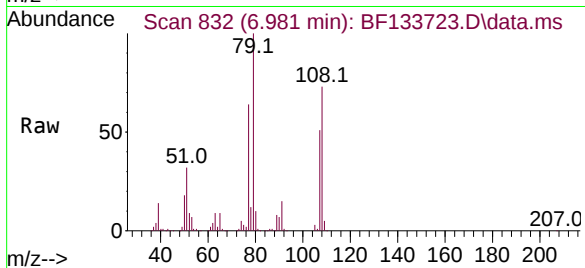
111 48.6 38.7 58.1





#15
Benzyl Alcohol
Concen: 47.385 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

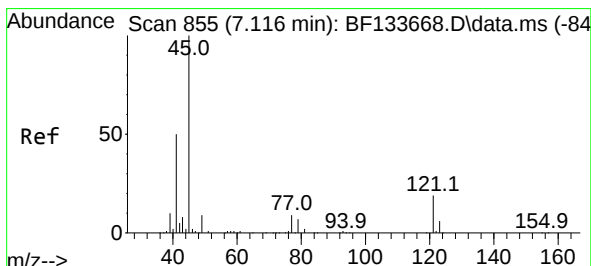
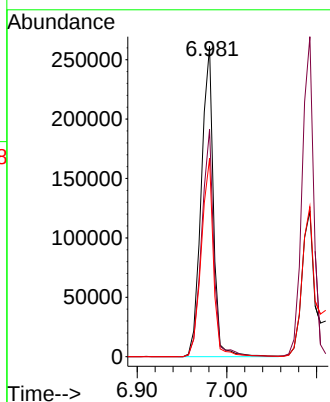
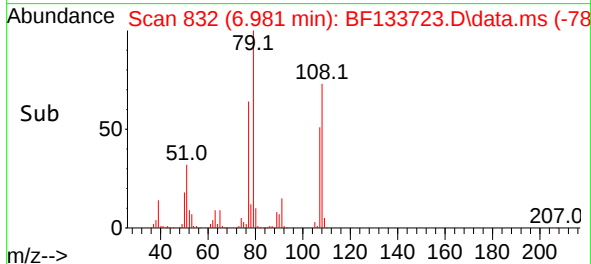
Instrument :
BNA_F
ClientSampleId :
PB153230BS



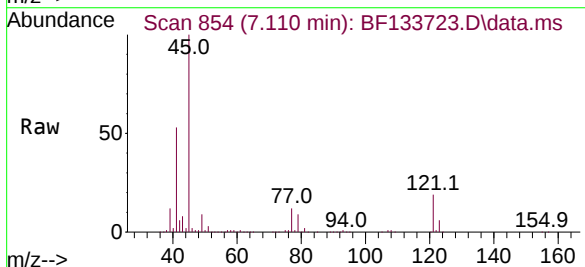
Tgt Ion: 79 Resp: 24599
Ion Ratio Lower Upper
79 100
108 73.2 57.9 86.9
77 63.9 50.4 75.6

Manual Integrations
APPROVED

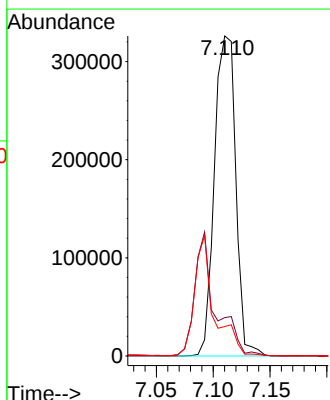
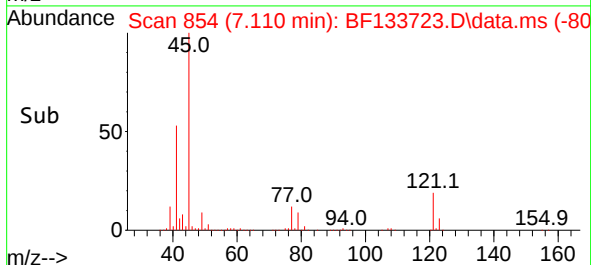
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

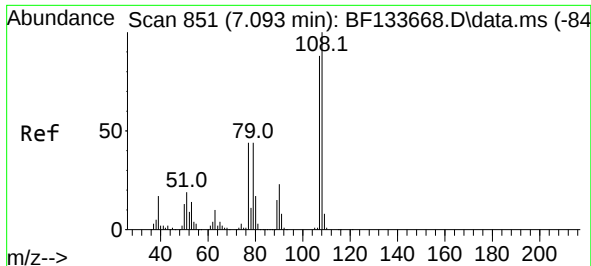


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.780 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion: 45 Resp: 426067
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.3
79 9.2 0.0 29.4





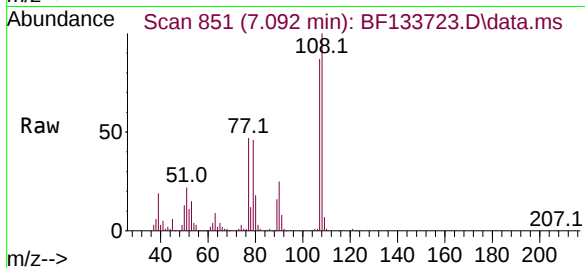
#17
2-Methylphenol
Concen: 44.314 ng
RT: 7.092 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

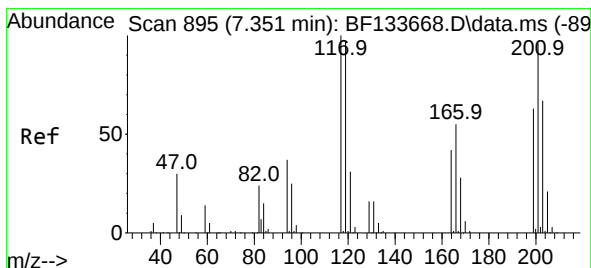
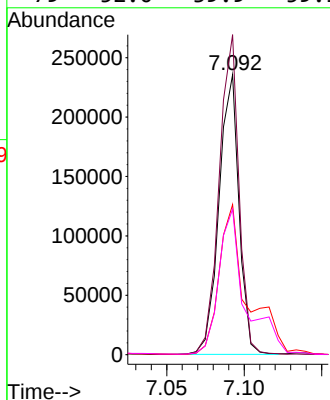
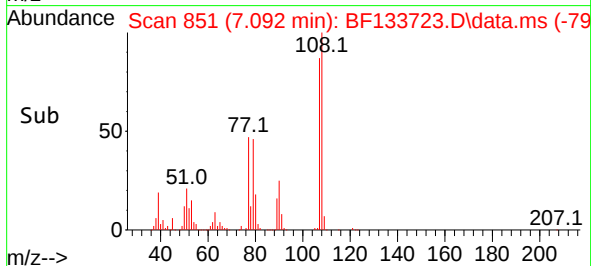


Tgt Ion:107 Resp: 211369
Ion Ratio Lower Upper
107 100
108 114.3 90.9 136.3
77 53.6 39.8 59.6
79 52.0 39.9 59.9

Manual Integrations

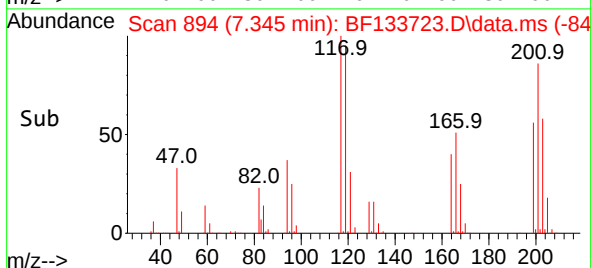
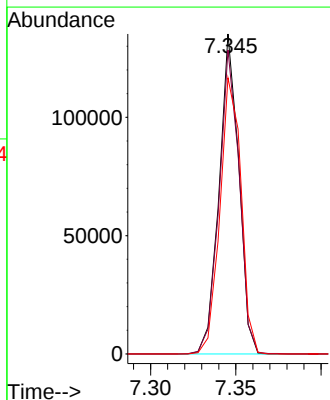
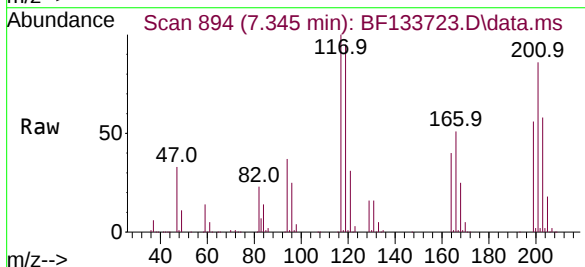
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 54.574 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

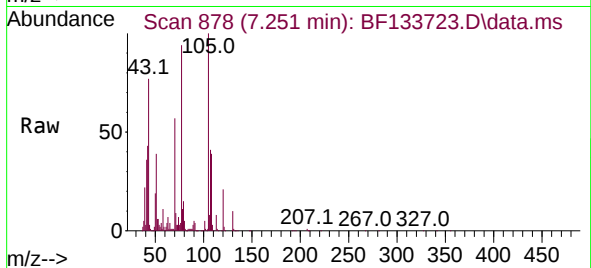
Tgt Ion:117 Resp: 108574
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
201 86.3 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.792 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

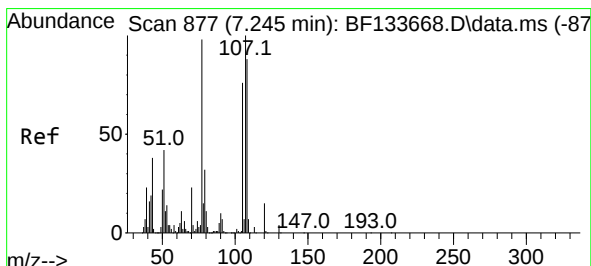
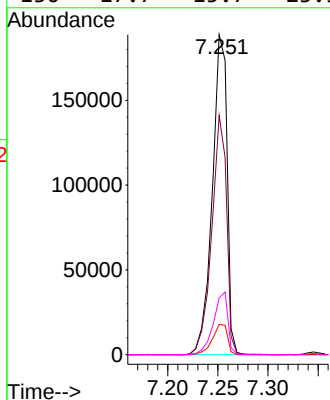
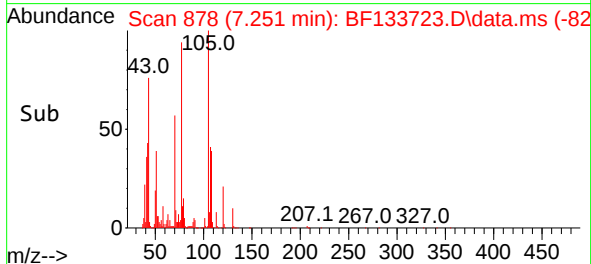
Instrument :
BNA_F
ClientSampleId :
PB153230BS



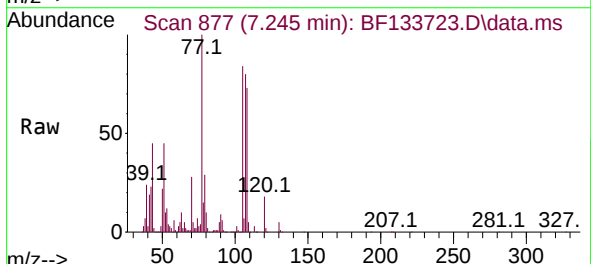
Tgt Ion: 70 Resp: 193650
Ion Ratio Lower Upper
70 100
42 74.7 55.8 83.8
101 9.5 8.1 12.1
130 17.7 15.7 23.5

Manual Integrations
APPROVED

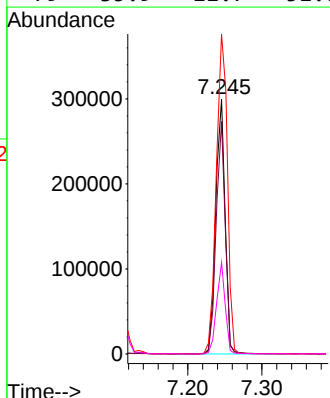
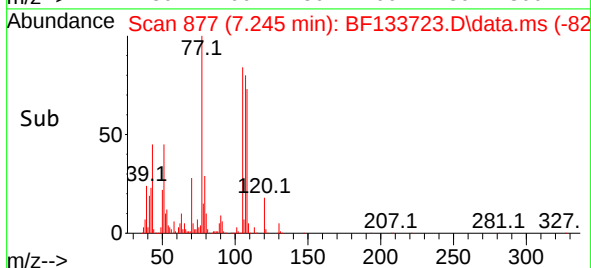
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

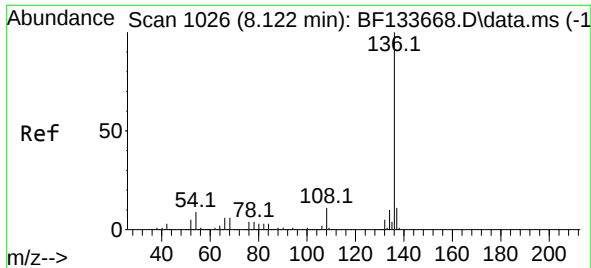


#20
3+4-Methylphenols
Concen: 42.382 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:107 Resp: 262975
Ion Ratio Lower Upper
107 100
108 91.2 67.9 107.9
77 125.6 77.7 117.7#
79 35.9 11.7 51.7





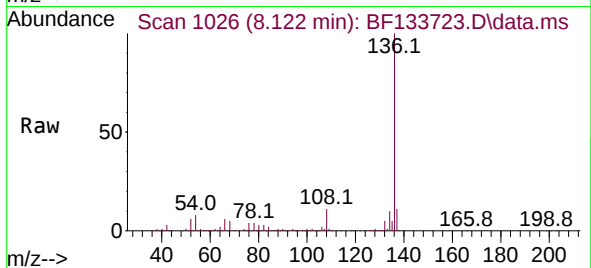
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

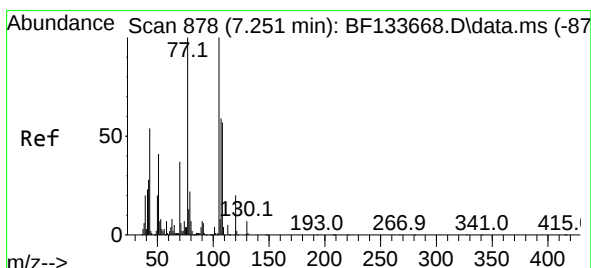
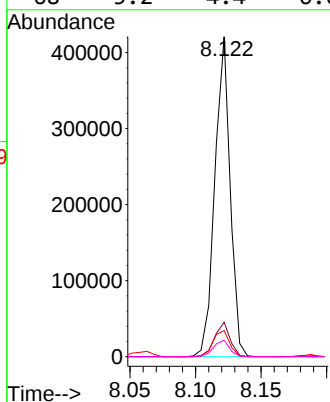
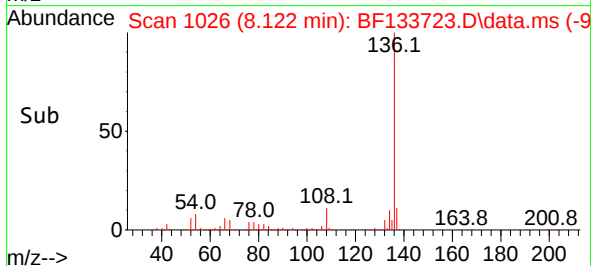


Tgt Ion:136 Resp: 34086
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 7.4 11.0
68 5.2 4.4 6.6

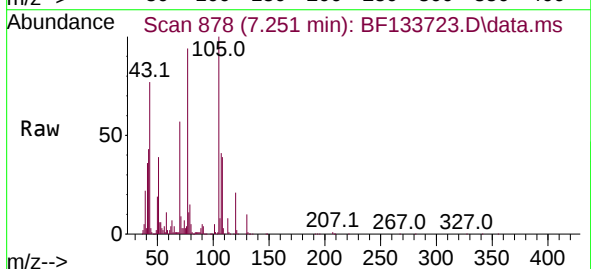
Manual Integrations

APPROVED

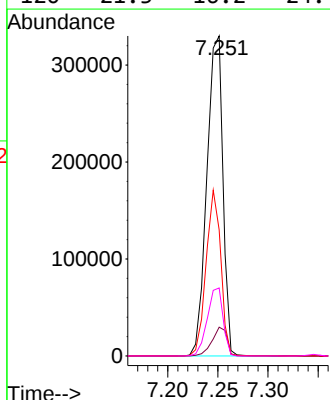
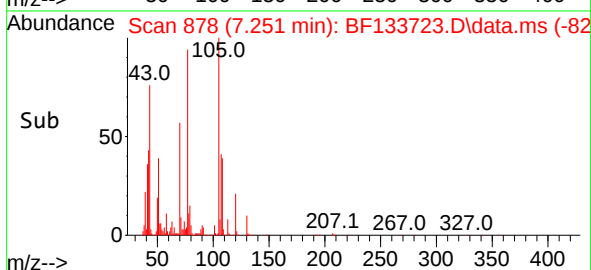
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

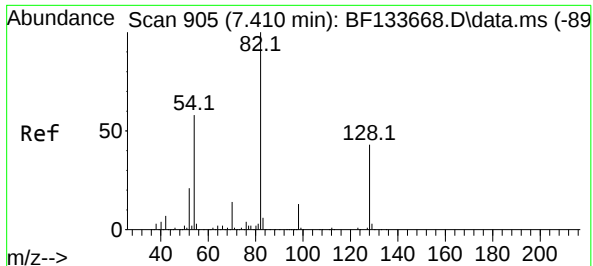


#22
Acetophenone
Concen: 47.193 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



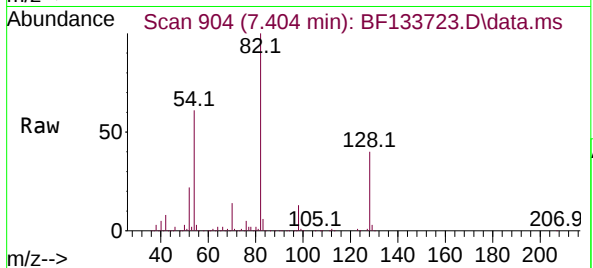
Tgt Ion:105 Resp: 368946
Ion Ratio Lower Upper
105 100
71 9.0 4.8 7.2#
51 39.4 33.0 49.4
120 21.3 16.2 24.4





#23
Nitrobenzene-d5
Concen: 93.478 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

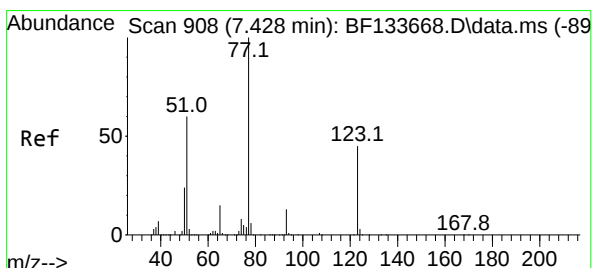
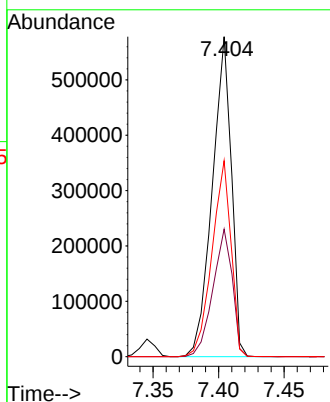
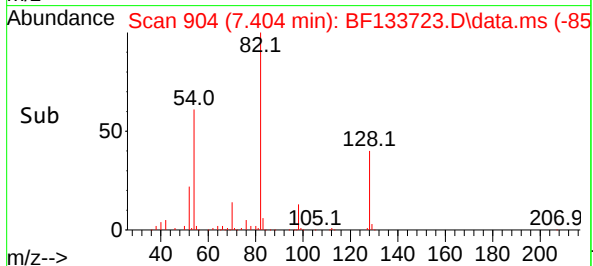
Instrument :
BNA_F
ClientSampleId :
PB153230BS



Tgt Ion: 82 Resp: 585000
Ion Ratio Lower Upper
82 100
128 39.8 34.2 51.2
54 61.2 46.5 69.7

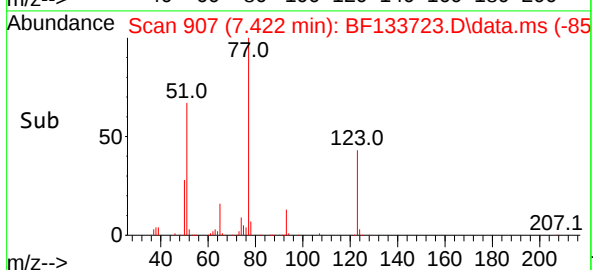
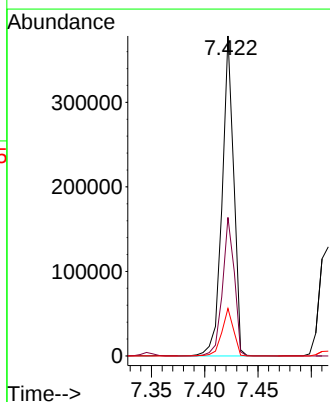
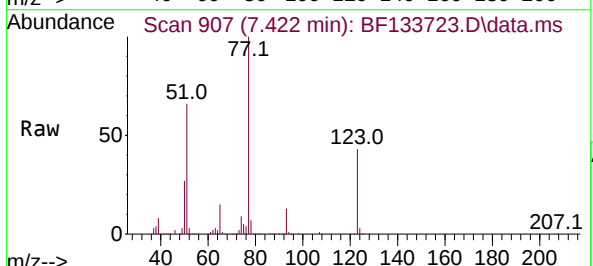
Manual Integrations
APPROVED

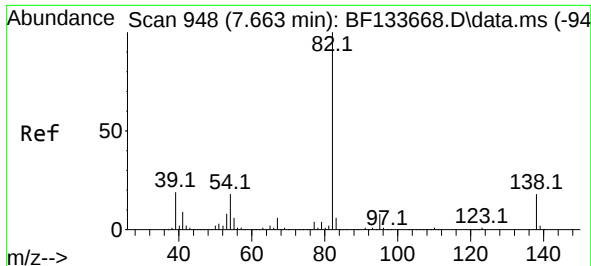
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#24
Nitrobenzene
Concen: 45.449 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion: 77 Resp: 286402
Ion Ratio Lower Upper
77 100
123 43.3 35.8 53.8
65 14.8 11.6 17.4





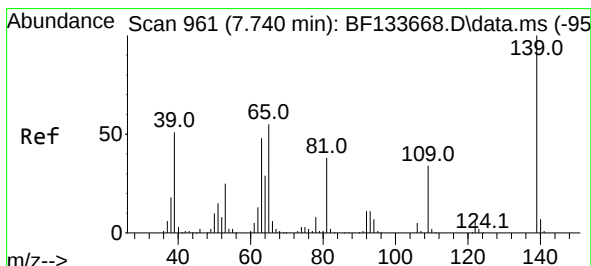
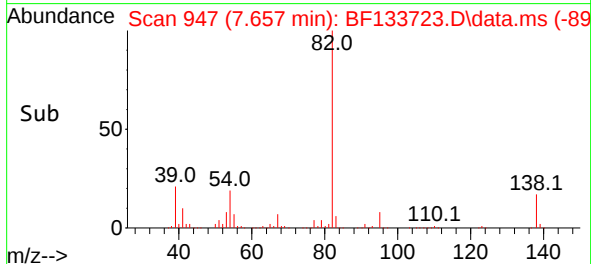
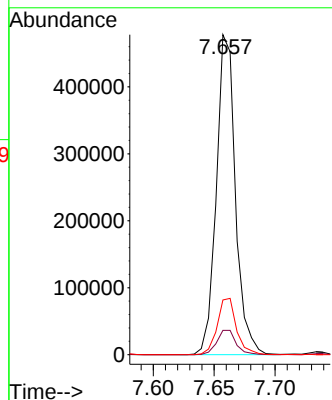
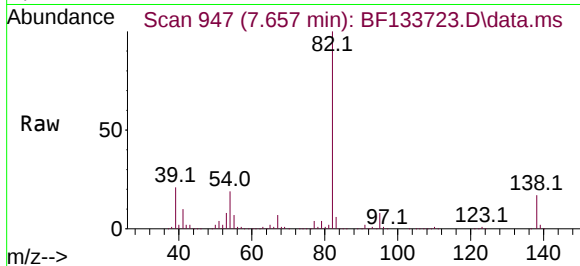
#25
Isophorone
Concen: 45.440 ng
RT: 7.657 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion: 82 Resp: 522072
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 17.1 14.2 21.2

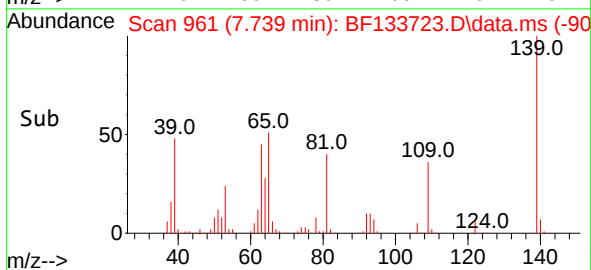
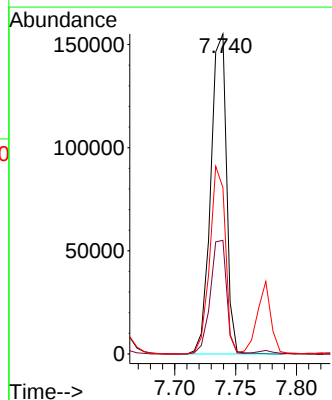
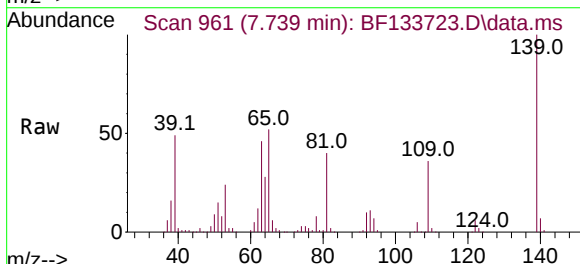
Manual Integrations
APPROVED

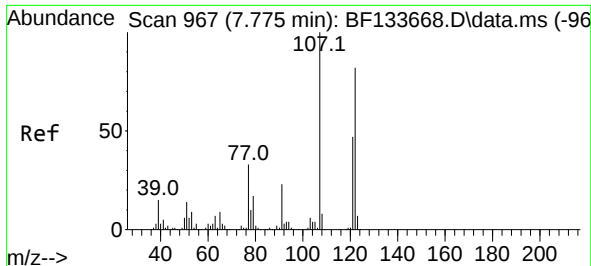
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#26
2-Nitrophenol
Concen: 49.322 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:139 Resp: 139485
Ion Ratio Lower Upper
139 100
109 35.5 27.0 40.6
65 52.0 44.2 66.4





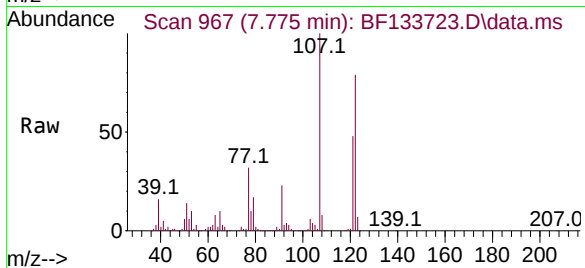
#27
2,4-Dimethylphenol
Concen: 45.659 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

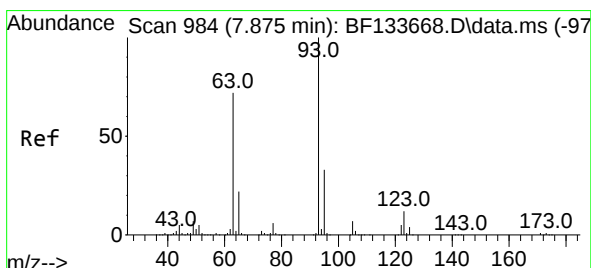
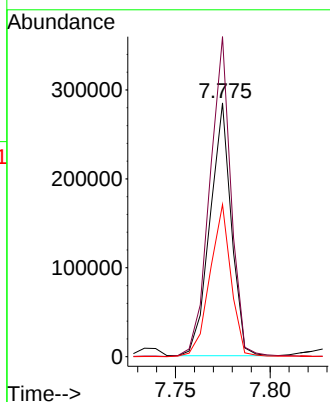
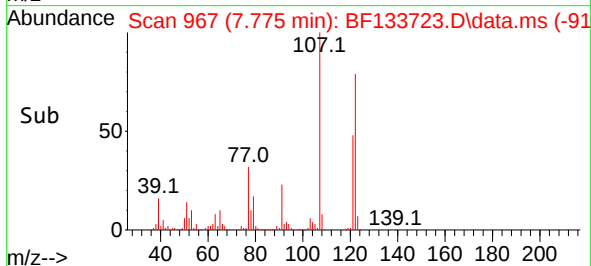


Tgt Ion:122 Resp: 222562
Ion Ratio Lower Upper
122 100
107 126.1 97.8 146.6
121 60.0 46.1 69.1

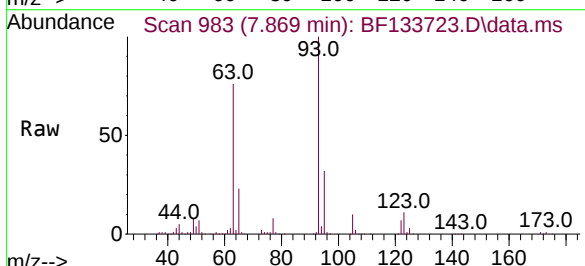
Manual Integrations

APPROVED

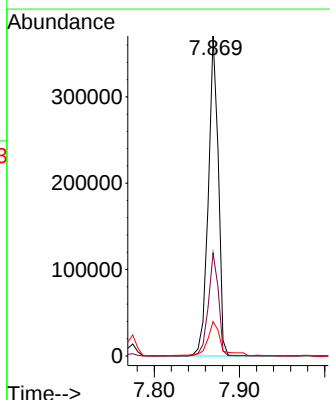
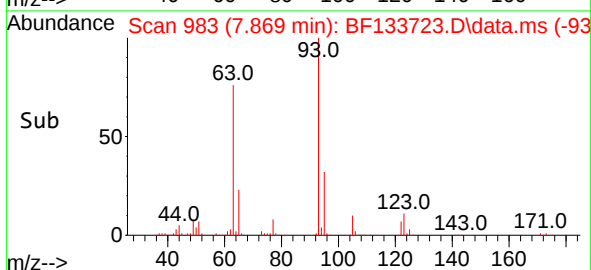
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

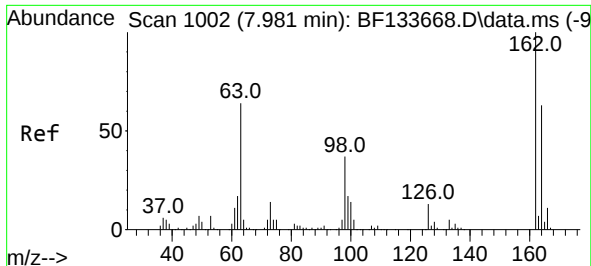


#28
bis(2-Chloroethoxy)methane
Concen: 45.319 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion: 93 Resp: 300935
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 10.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.129 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:162 Resp: 215598

Ion Ratio Lower Upper

162 100

164 65.1 43.4 83.4

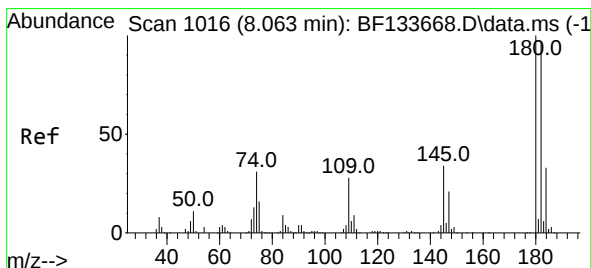
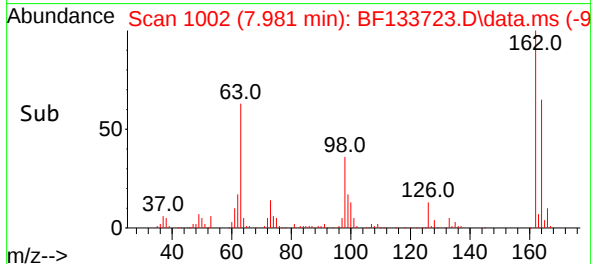
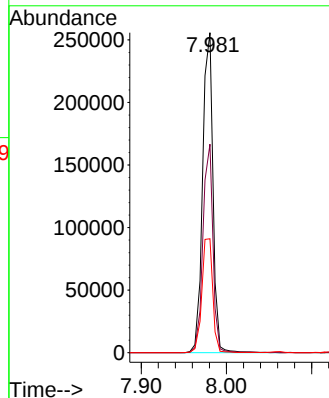
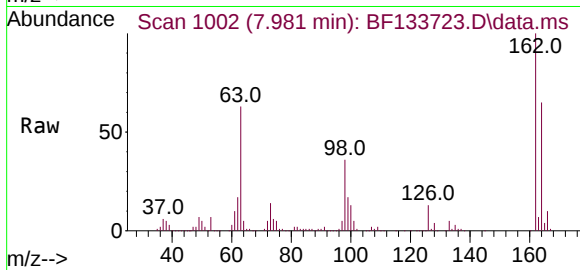
98 35.6 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.311 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

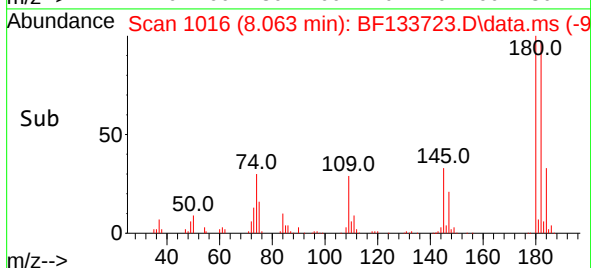
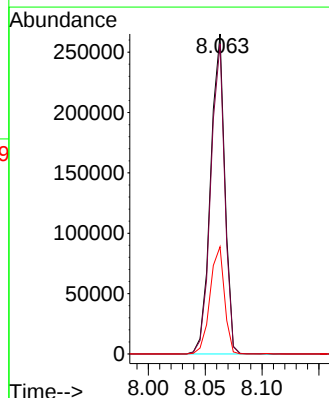
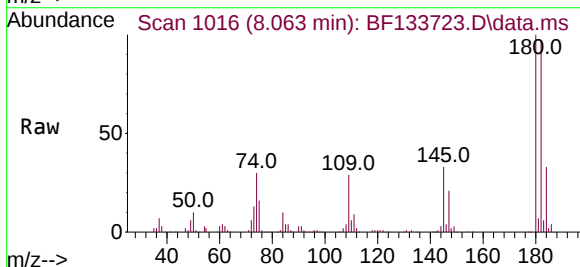
Tgt Ion:180 Resp: 230833

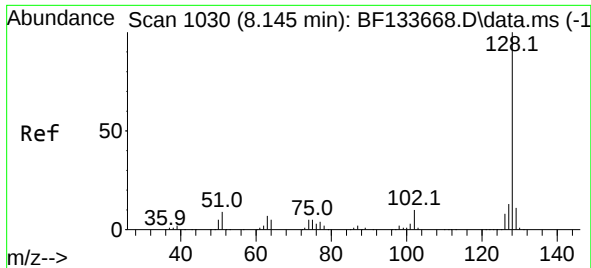
Ion Ratio Lower Upper

180 100

182 96.9 77.8 116.8

145 33.5 27.0 40.4





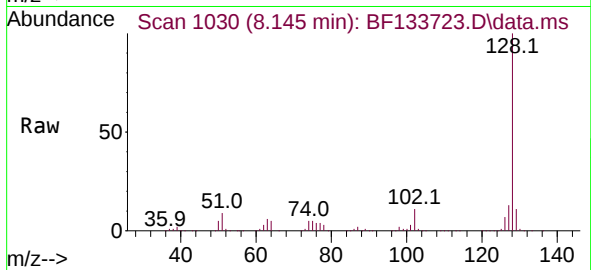
#31
Naphthalene
Concen: 44.130 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

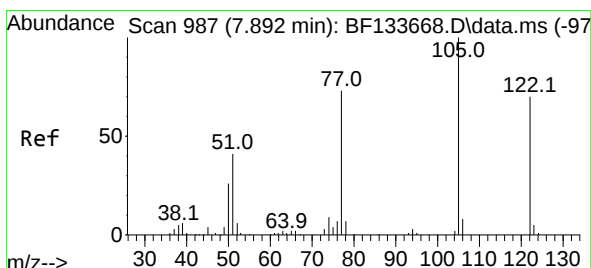
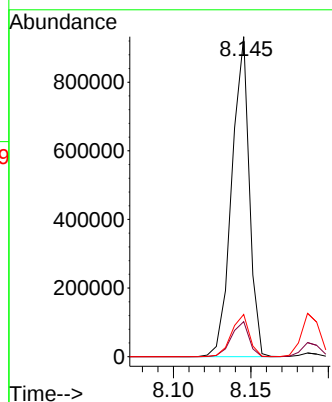
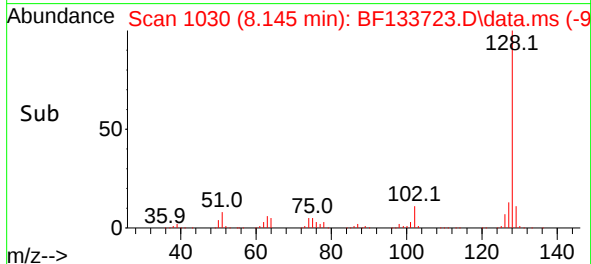


Tgt Ion:128 Resp: 732849
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.5 15.7

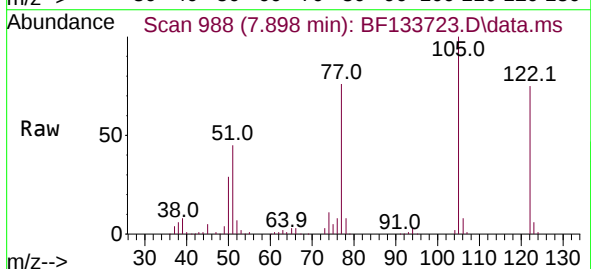
Manual Integrations

APPROVED

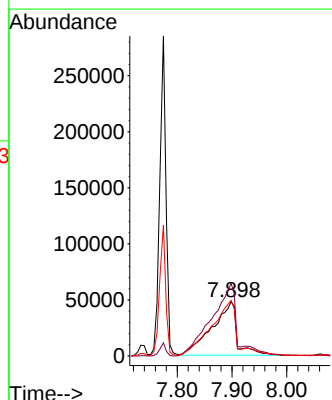
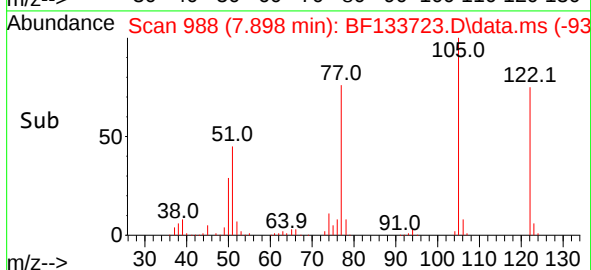
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

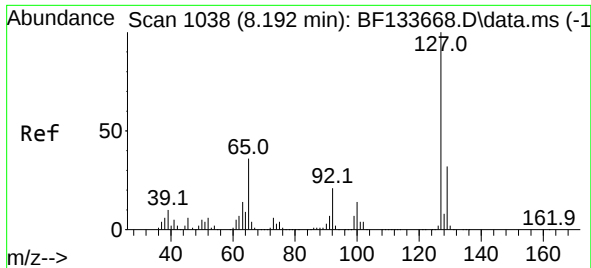


#32
Benzoic acid
Concen: 49.465 ng m
RT: 7.898 min Scan# 988
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:122 Resp: 152067
Ion Ratio Lower Upper
122 100
105 133.8 116.3 156.3
77 102.1 82.4 122.4





#33
4-Chloroaniline
Concen: 15.404 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

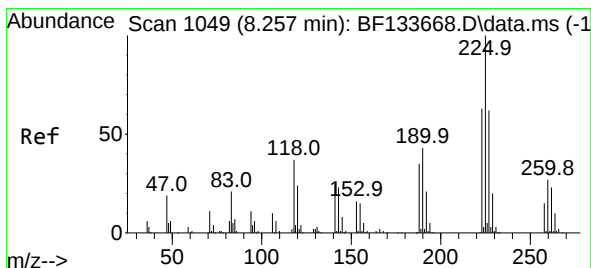
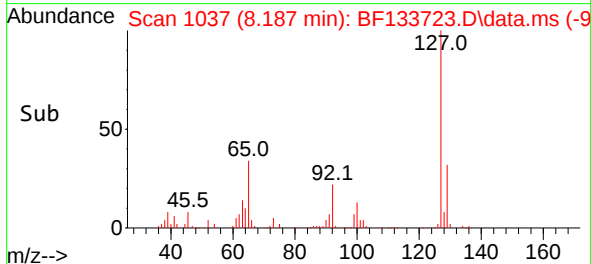
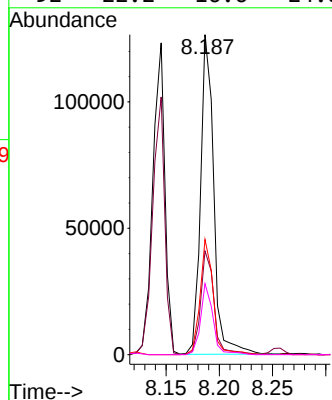
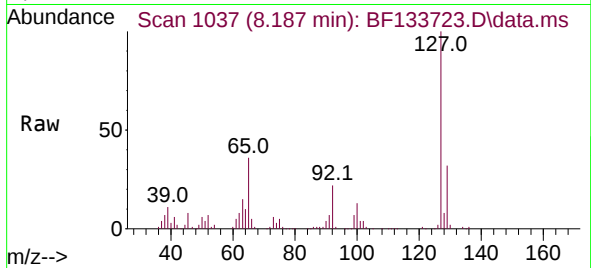
PB153230BS

Tgt Ion:127 Resp: 109378
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 36.0 28.9 43.3
92 22.2 16.6 24.8

Manual Integrations

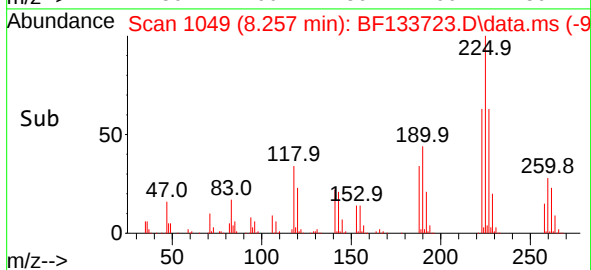
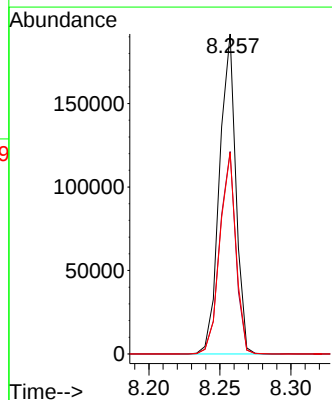
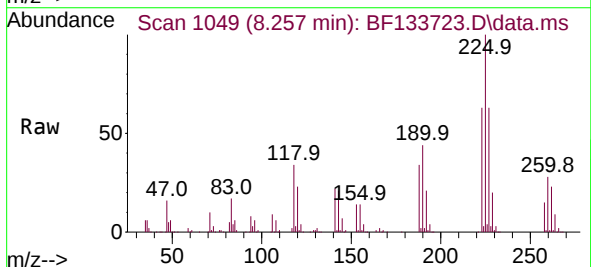
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 46.829 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

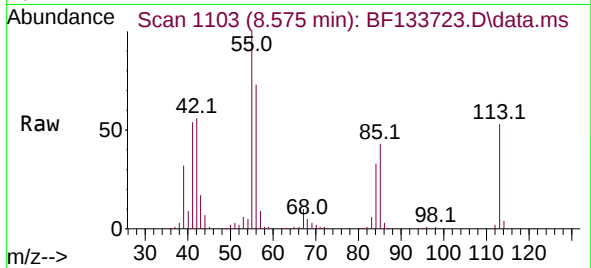
Tgt Ion:225 Resp: 152822
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.4
227 62.8 49.5 74.3





#35
Caprolactam
Concen: 44.187 ng m
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

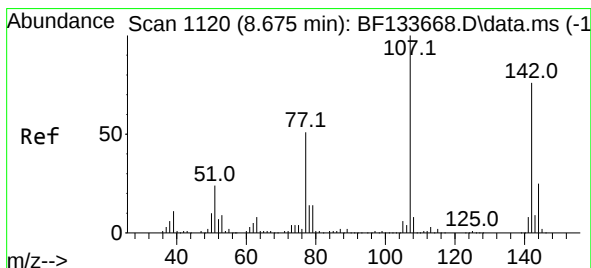
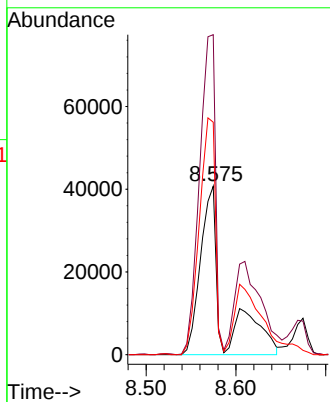
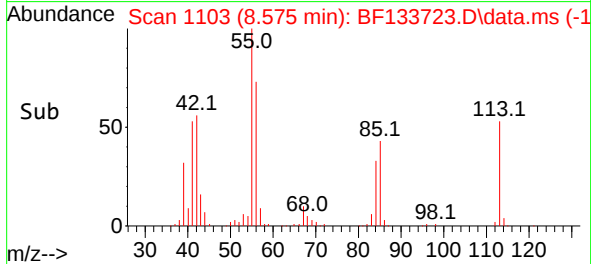
Instrument :
BNA_F
ClientSampleId :
PB153230BS



Tgt Ion:113 Resp: 7103
Ion Ratio Lower Upper
113 100
55 189.9 173.3 213.3
56 138.0 120.5 160.5

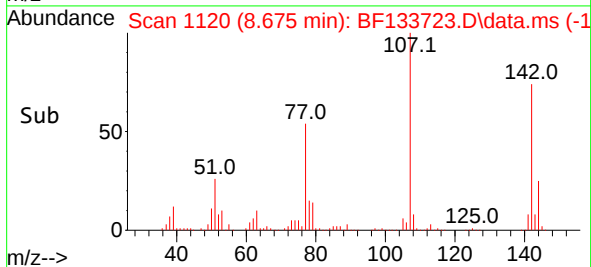
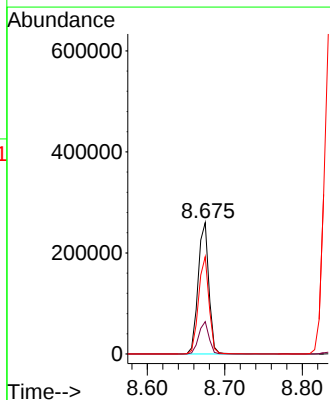
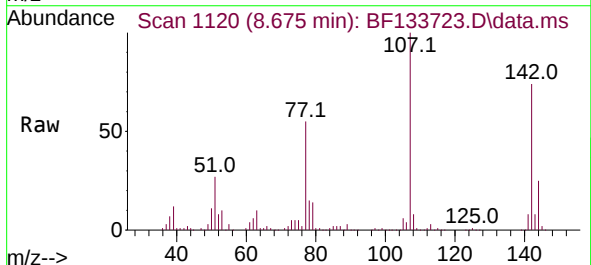
Manual Integrations
APPROVED

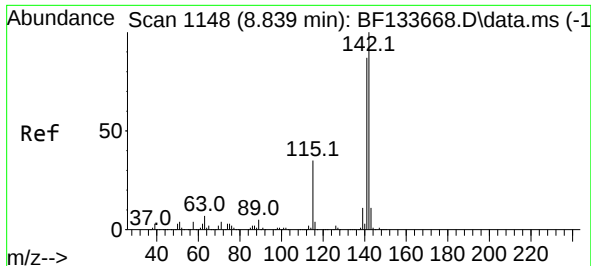
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#36
4-Chloro-3-methylphenol
Concen: 45.478 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:107 Resp: 250430
Ion Ratio Lower Upper
107 100
144 24.6 19.7 29.5
142 74.1 61.1 91.7





#37

2-Methylnaphthalene

Concen: 43.162 ng

RT: 8.834 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:142 Resp: 49803

Ion Ratio Lower Upper

142 100

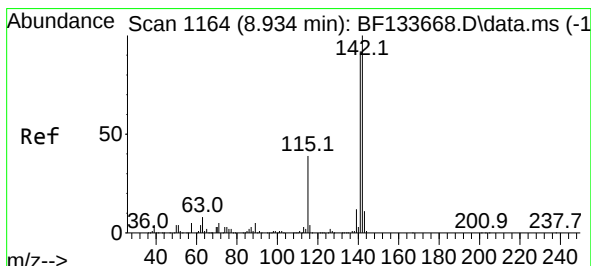
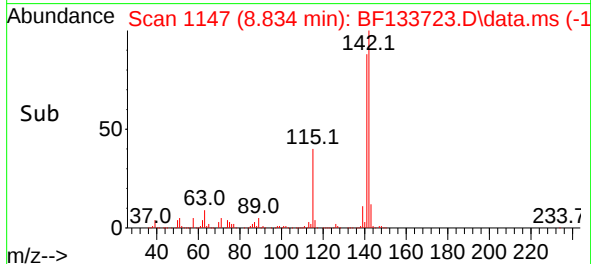
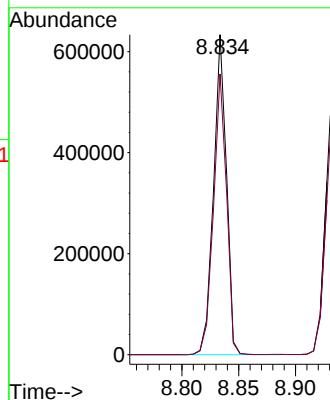
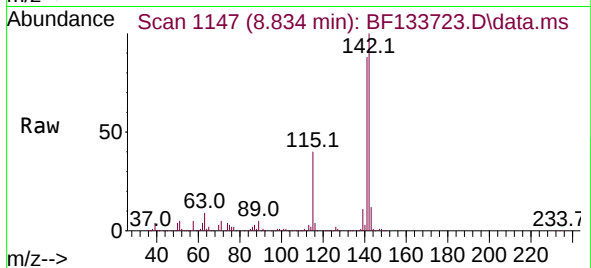
141 87.8 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#38

1-Methylnaphthalene

Concen: 43.519 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF133723.D

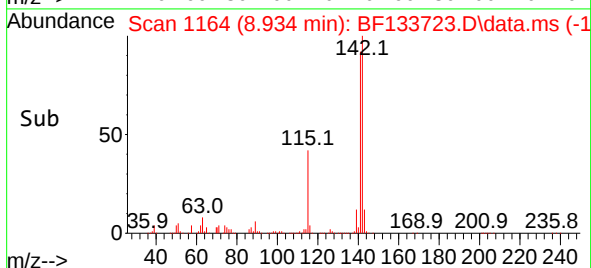
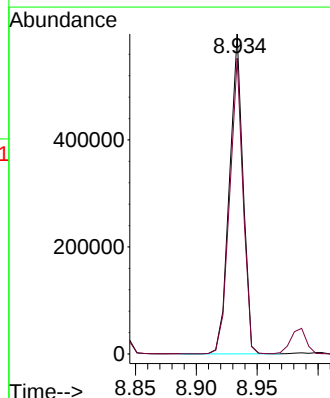
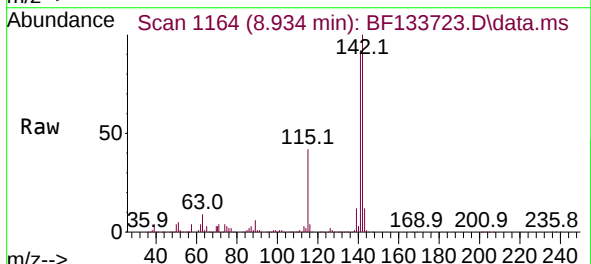
Acq: 13 Jun 2023 10:49

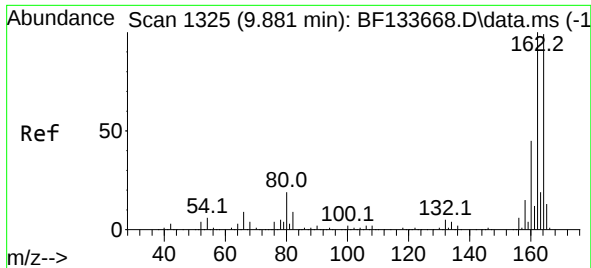
Tgt Ion:142 Resp: 462078

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.0





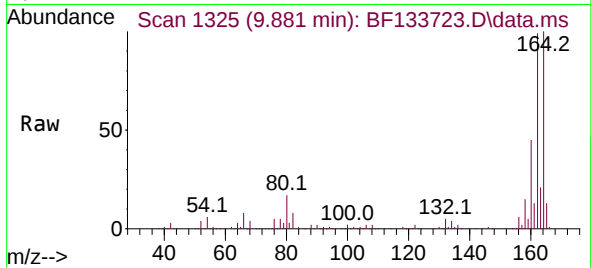
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 11750
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS



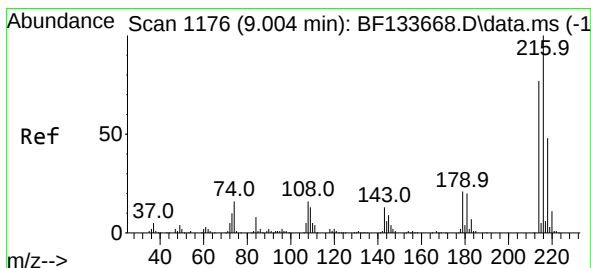
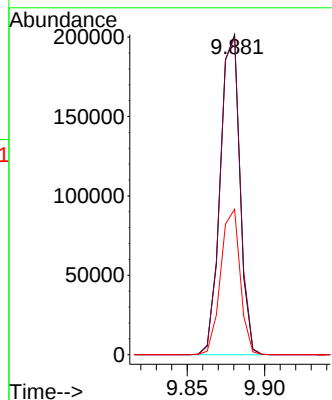
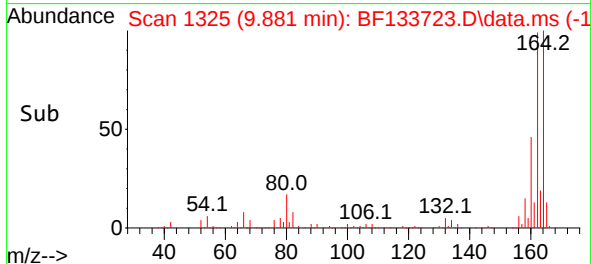
Tgt Ion:164 Resp: 17750
Ion Ratio Lower Upper
164 100
162 99.1 80.8 121.2
160 45.4 36.7 55.1

Manual Integrations

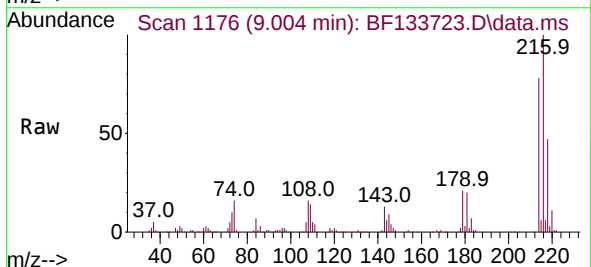
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

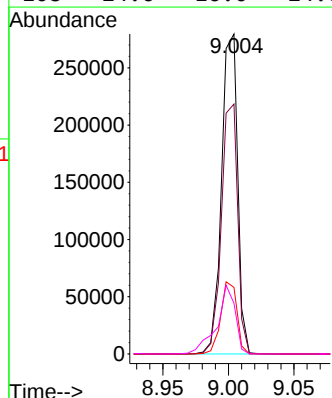
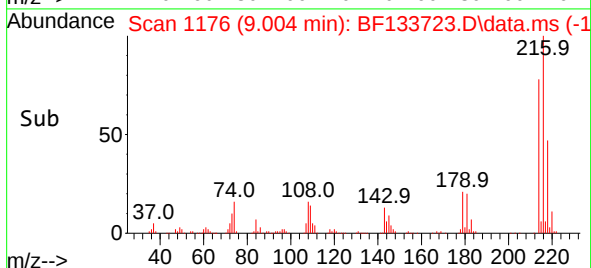
Supervised By :mohammad ahmed 06/16/2023

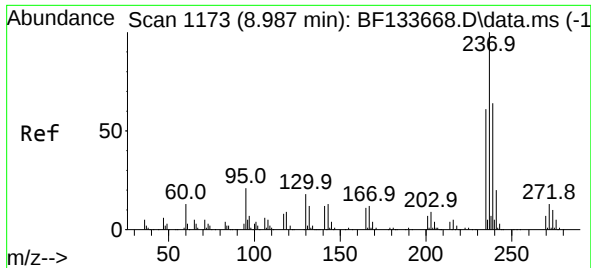


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.136 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



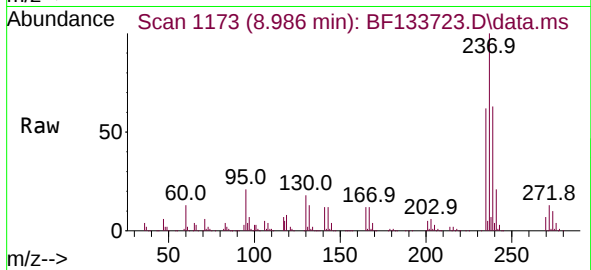
Tgt Ion:216 Resp: 238164
Ion Ratio Lower Upper
216 100
214 79.0 62.7 94.1
179 22.5 17.6 26.4
108 24.6 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 135.945 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

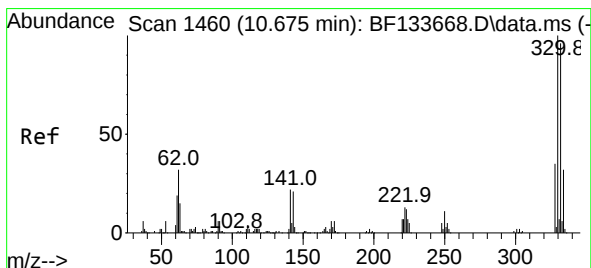
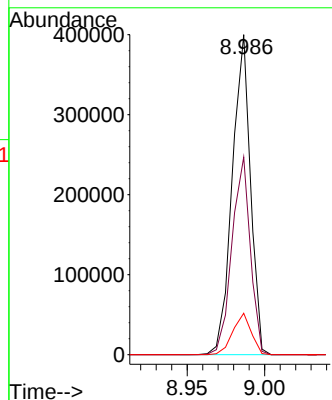
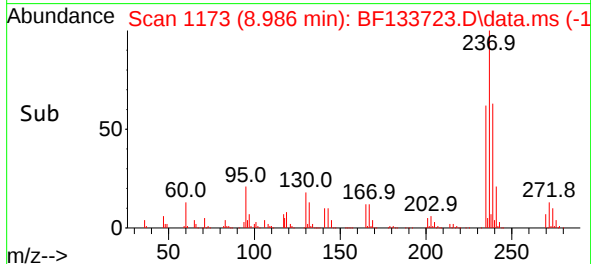
Instrument :
BNA_F
ClientSampleId :
PB153230BS



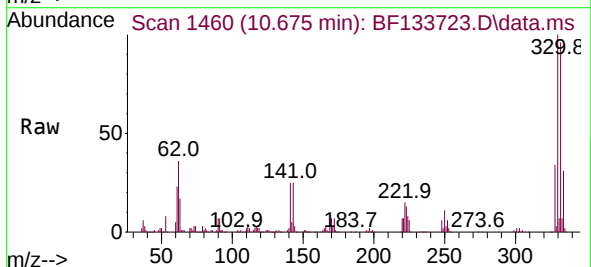
Tgt Ion:237 Resp: 326908
Ion Ratio Lower Upper
237 100
235 61.8 40.6 80.6
272 12.9 0.0 32.6

Manual Integrations
APPROVED

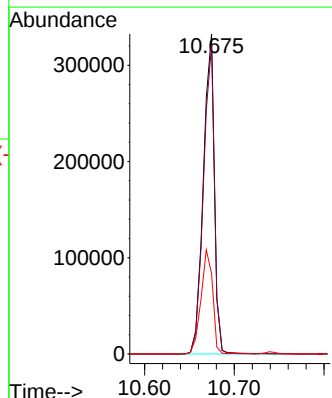
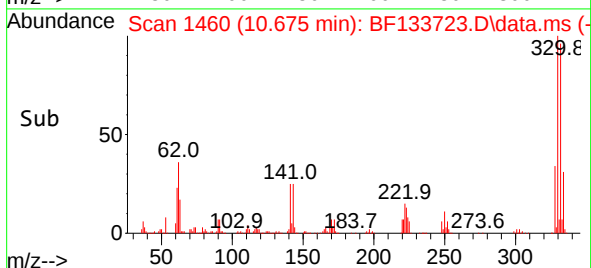
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#42
2,4,6-Tribromophenol
Concen: 126.485 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:330 Resp: 284193
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 34.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 44.438 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:196 Resp: 16024

Ion Ratio Lower Upper

196 100

198 96.5 74.5 111.7

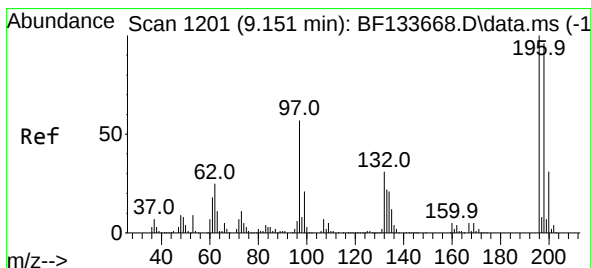
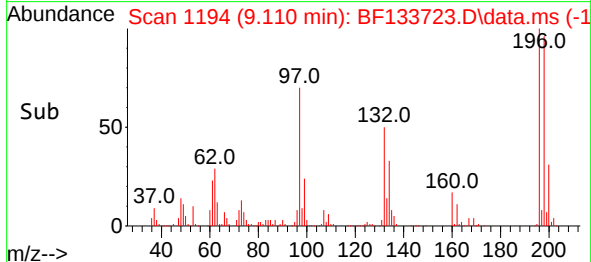
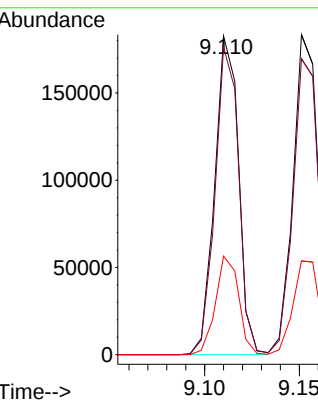
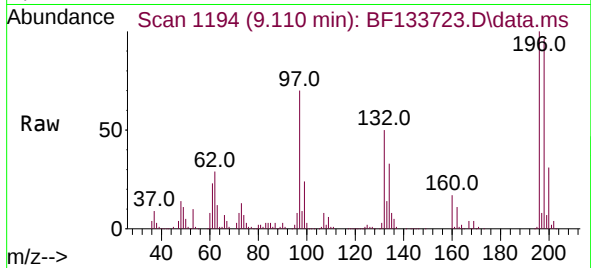
200 30.9 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#44

2,4,5-Trichlorophenol

Concen: 40.639 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Tgt Ion:196 Resp: 170486

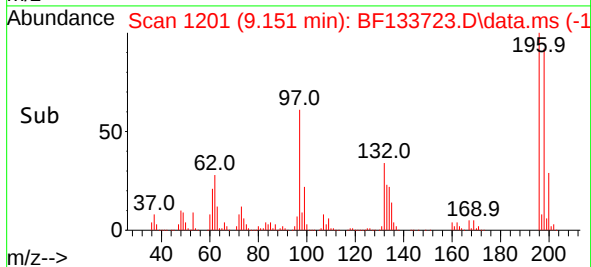
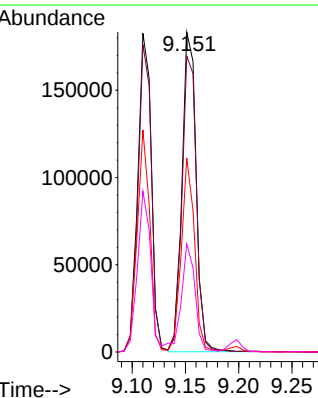
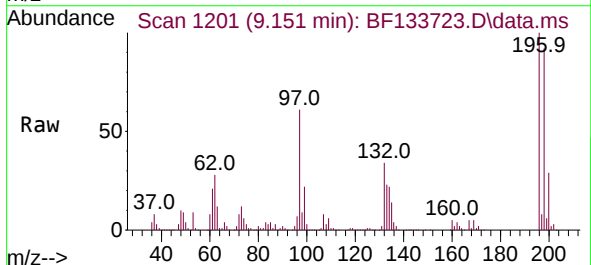
Ion Ratio Lower Upper

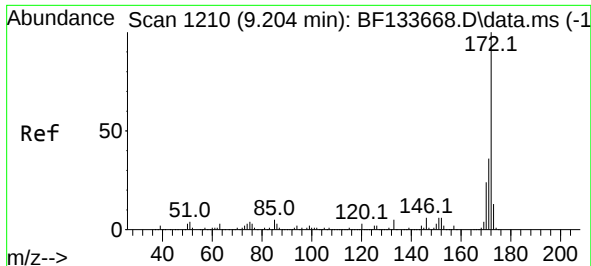
196 100

198 92.4 76.8 115.2

97 60.6 45.4 68.2

132 33.8 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 85.918 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:172 Resp: 107283

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

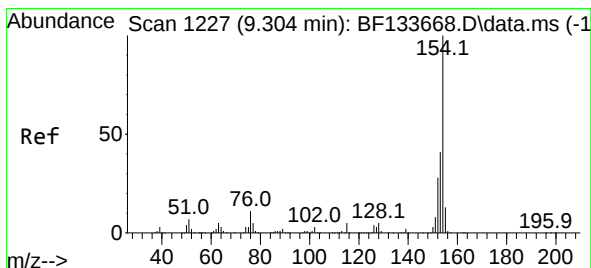
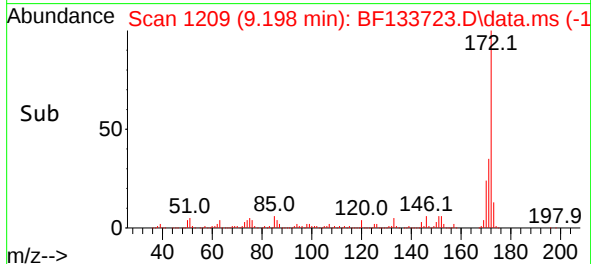
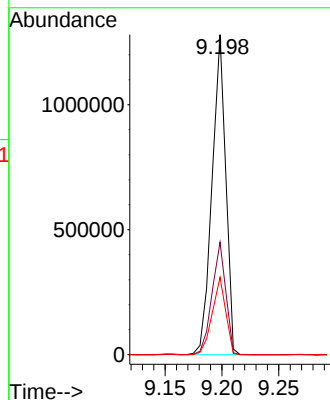
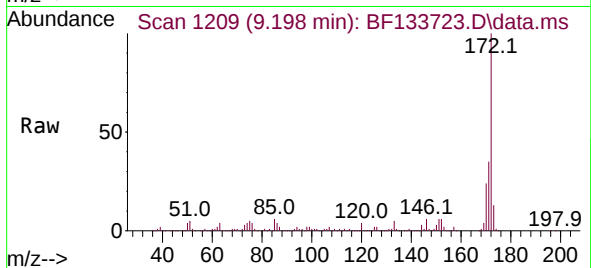
170 24.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#46

1,1'-Biphenyl

Concen: 44.082 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

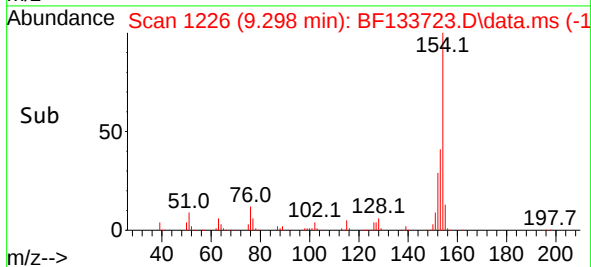
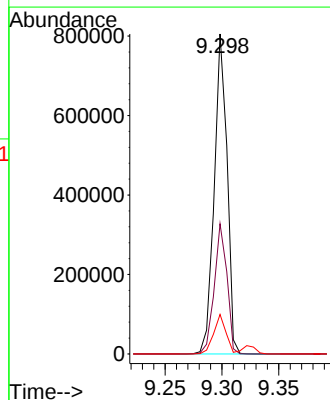
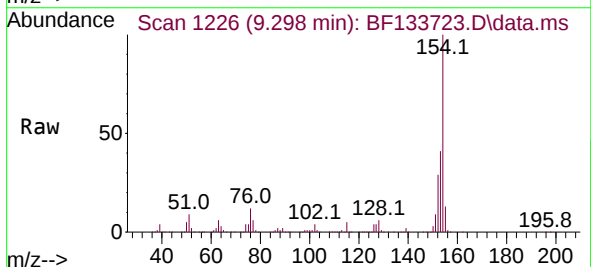
Tgt Ion:154 Resp: 631059

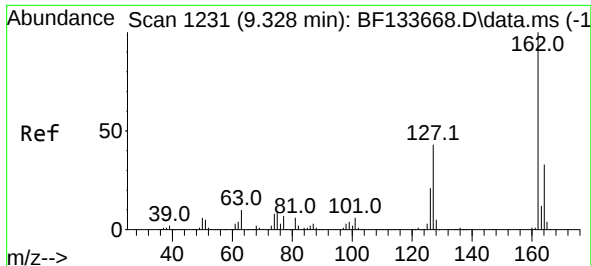
Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

76 12.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.180 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF133723.D

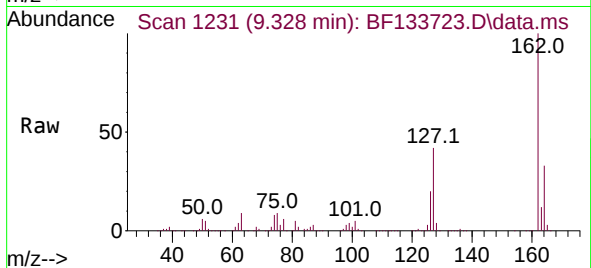
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS



Tgt Ion:162 Resp: 463950

Ion Ratio Lower Upper

162 100

127 42.0 34.6 52.0

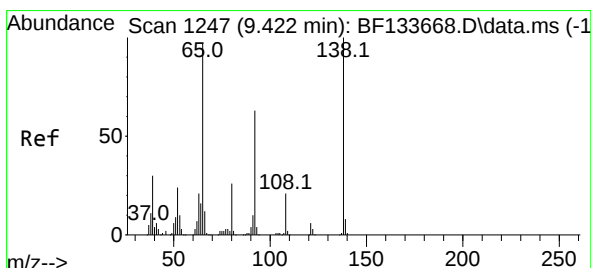
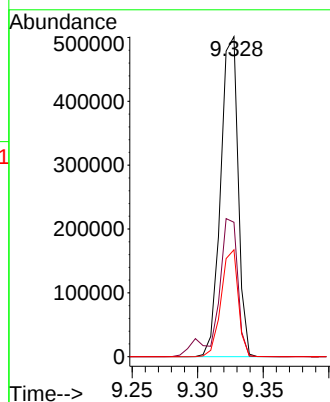
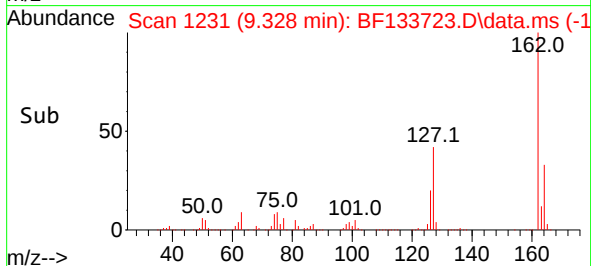
164 33.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#48

2-Nitroaniline

Concen: 44.289 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

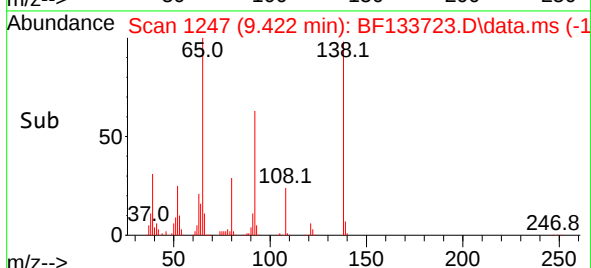
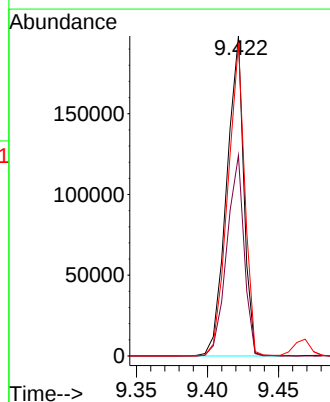
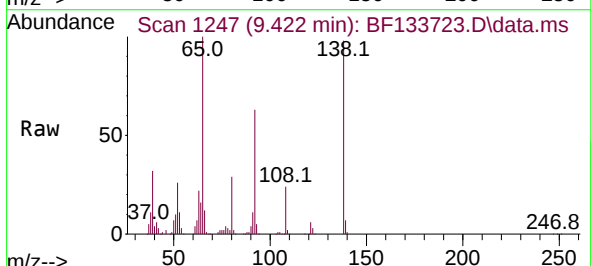
Tgt Ion: 65 Resp: 166331

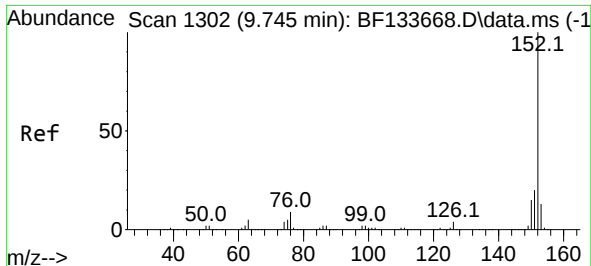
Ion Ratio Lower Upper

65 100

92 62.7 51.8 77.6

138 97.9 82.1 123.1





#49

Acenaphthylene

Concen: 42.943 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

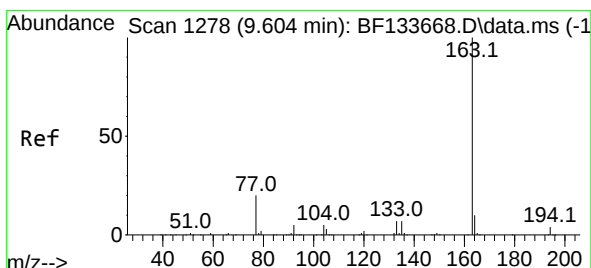
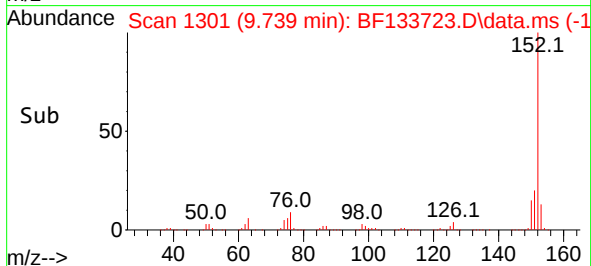
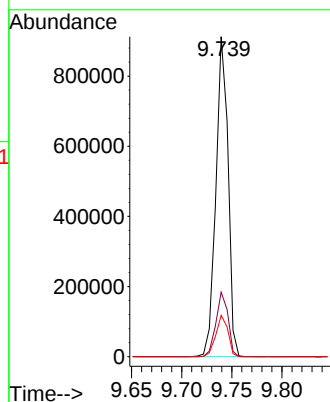
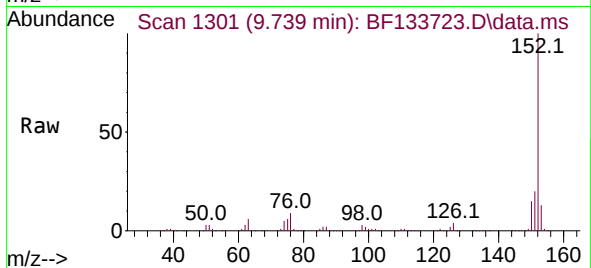
Tgt Ion:152 Resp: 767529
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4
 153 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#50

Dimethylphthalate

Concen: 42.602 ng

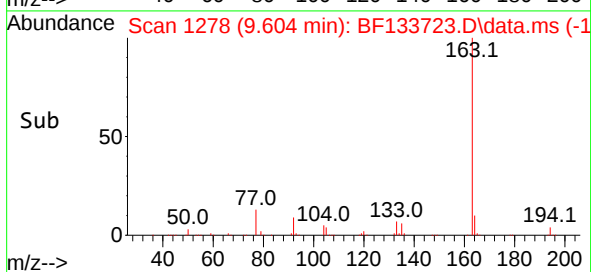
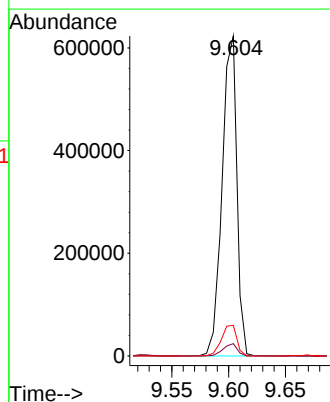
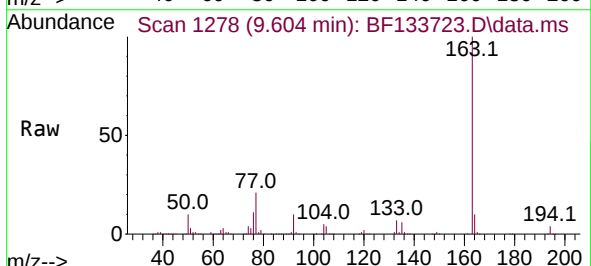
RT: 9.604 min Scan# 1278

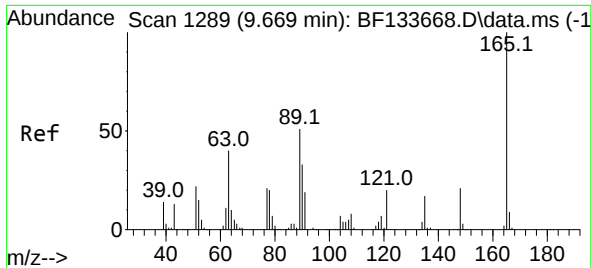
Delta R.T. 0.006 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Tgt Ion:163 Resp: 564432
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 9.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.331 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

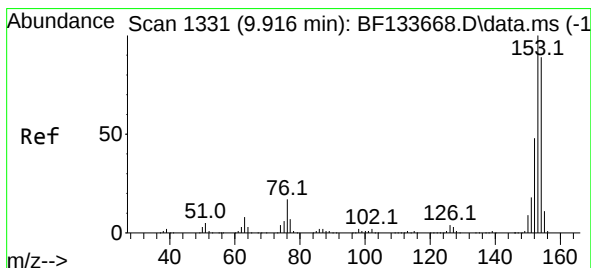
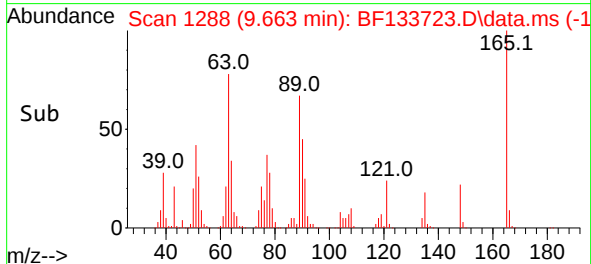
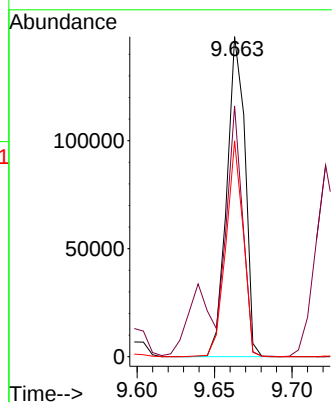
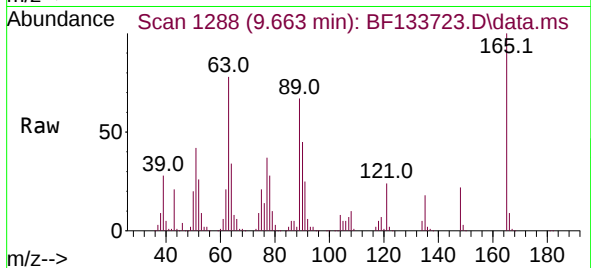
PB153230BS

Tgt Ion:165 Resp: 12123
Ion Ratio Lower Upper
165 100
63 78.4 42.1 63.1
89 67.5 40.9 61.3

Manual Integrations

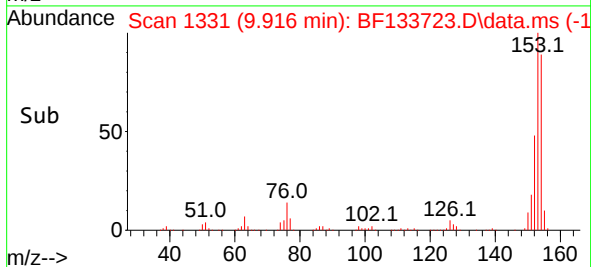
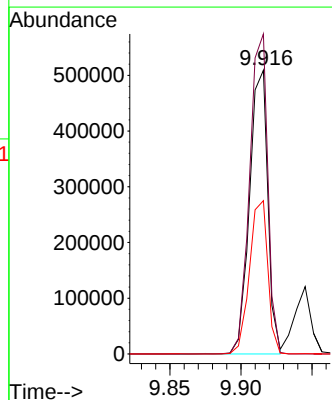
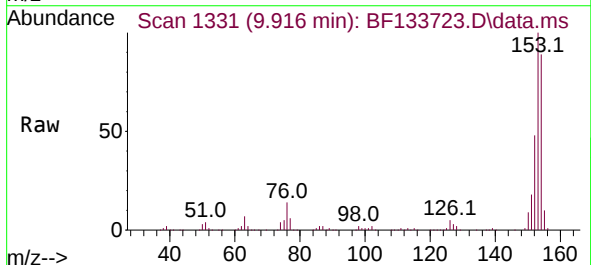
APPROVED

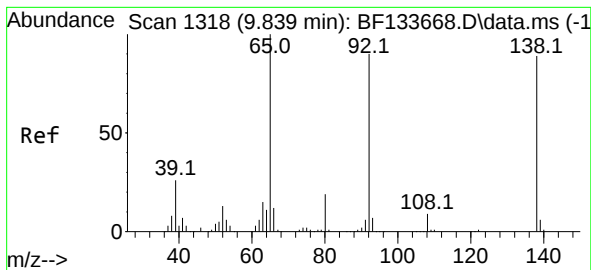
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 43.562 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:154 Resp: 455729
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.8
152 54.1 43.4 65.2





#53

3-Nitroaniline

Concen: 24.239 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

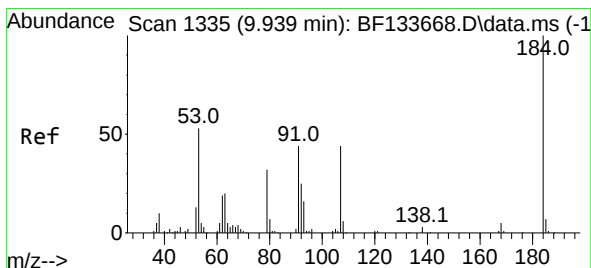
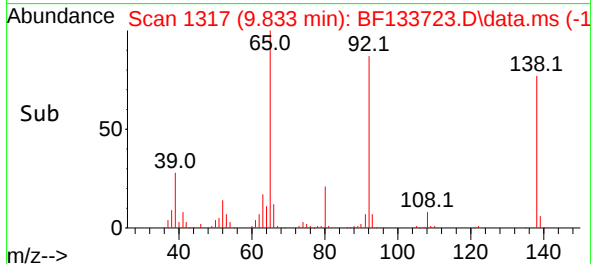
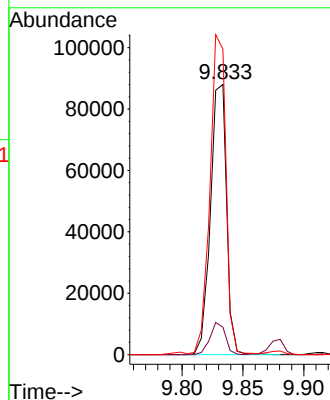
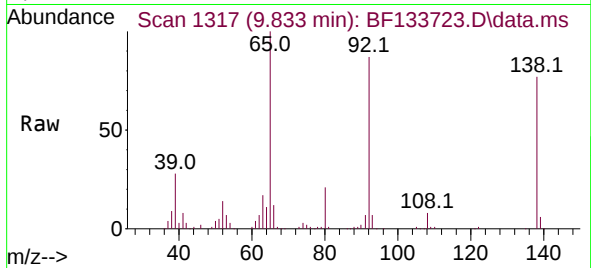
Tgt Ion:138	Resp:	8066
Ion Ratio	Lower	Upper
138	100	
108	10.2	8.2 12.4
92	113.1	81.0 121.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#54

2,4-Dinitrophenol

Concen: 103.157 ng

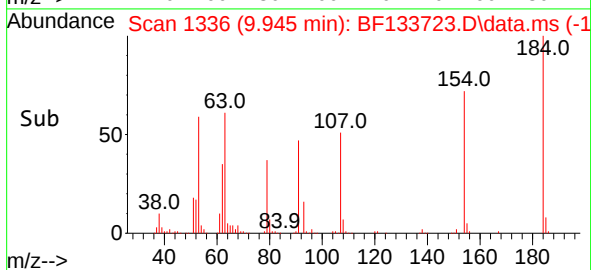
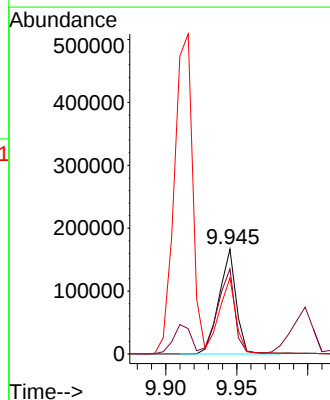
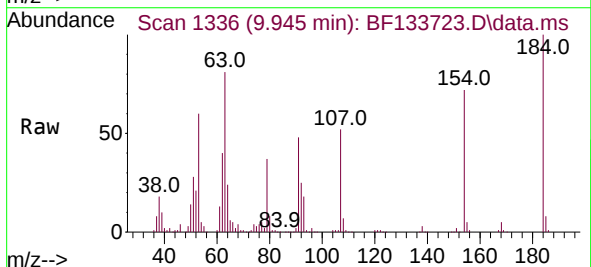
RT: 9.945 min Scan# 1336

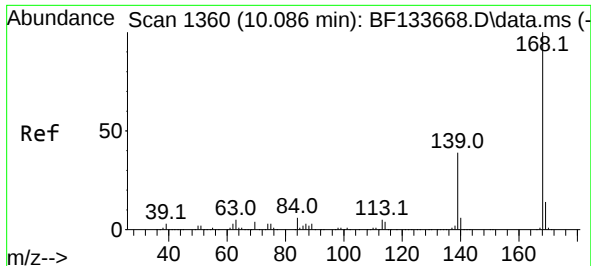
Delta R.T. 0.006 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

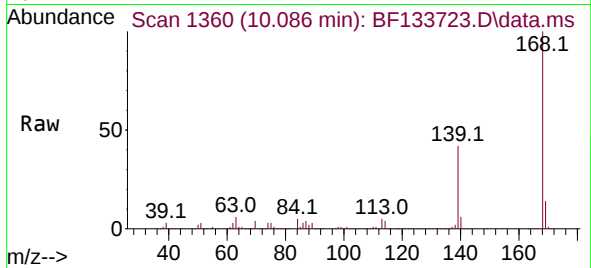
Tgt Ion:184	Resp:	140236
Ion Ratio	Lower	Upper
184	100	
63	81.3	55.3 82.9
154	72.5	51.9 77.9





#55
Dibenzenofuran
Concen: 43.901 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

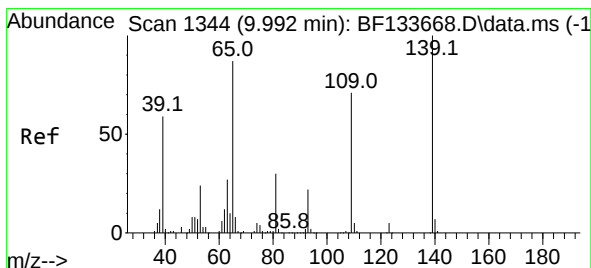
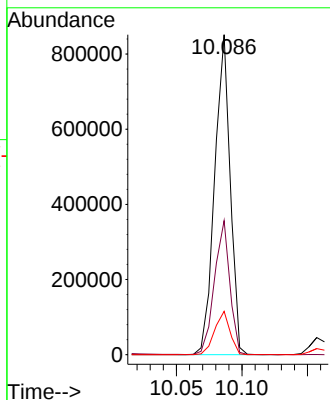
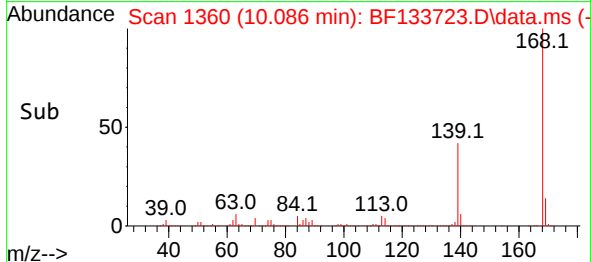
Instrument :
BNA_F
ClientSampleId :
PB153230BS



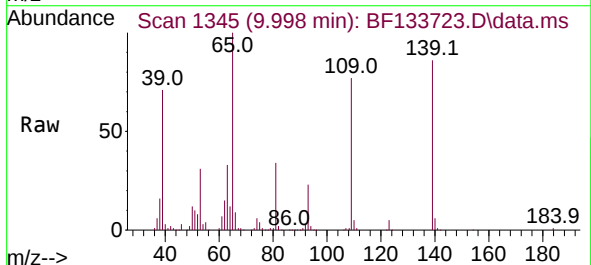
Tgt Ion:168 Resp: 70080
Ion Ratio Lower Upper
168 100
139 41.9 30.9 46.3
169 13.5 10.9 16.3

Manual Integrations
APPROVED

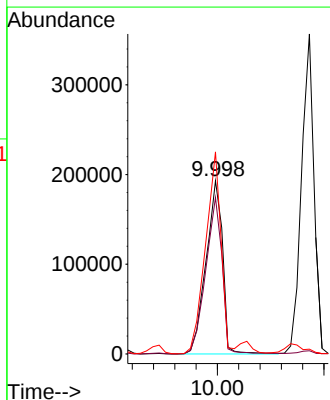
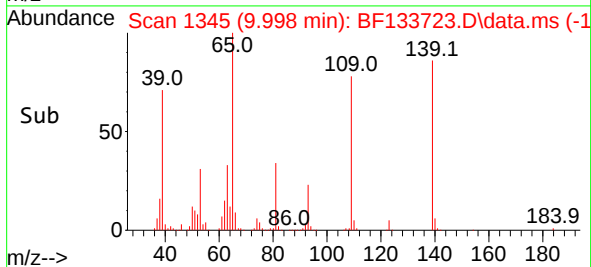
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 93.227 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:139 Resp: 209390
Ion Ratio Lower Upper
139 100
109 90.4 50.7 90.7
65 116.7 67.1 107.1#





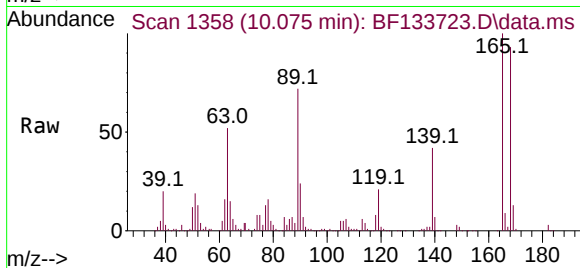
#57
2,4-Dinitrotoluene
Concen: 47.045 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS



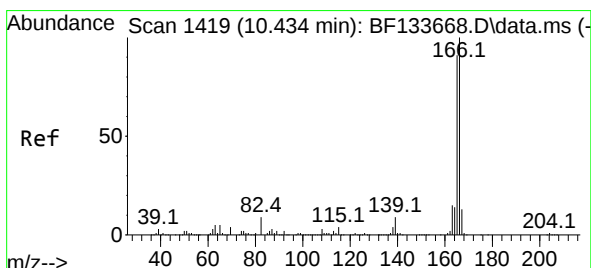
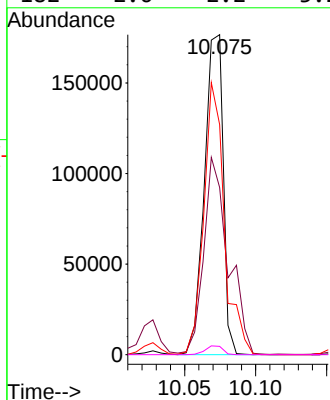
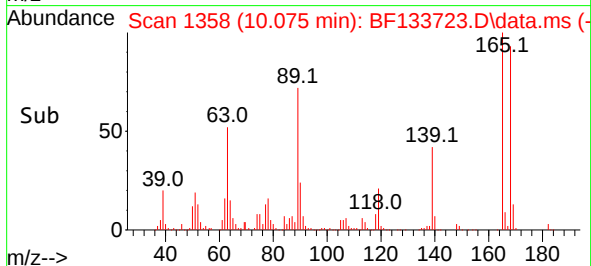
Tgt Ion:165 Resp: 163629
Ion Ratio Lower Upper
165 100
63 52.2 43.0 64.6
89 71.9 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations

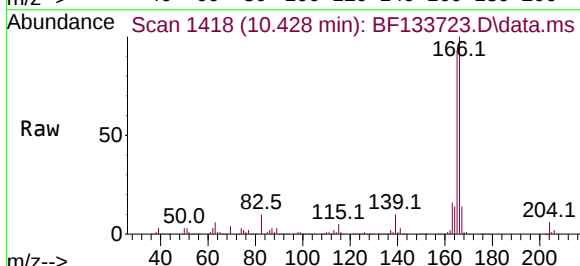
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

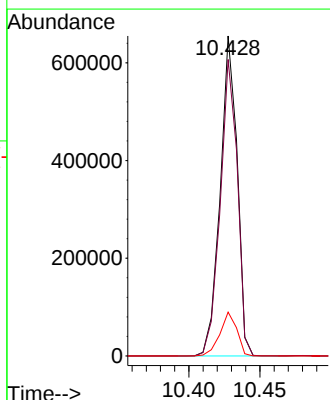
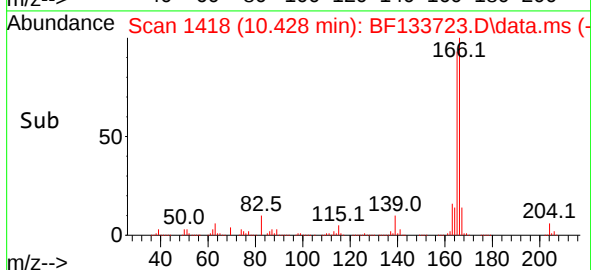
Supervised By :mohammad ahmed 06/16/2023



#58
Fluorene
Concen: 44.428 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:166 Resp: 542362
Ion Ratio Lower Upper
166 100
165 92.7 73.1 109.7
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.288 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

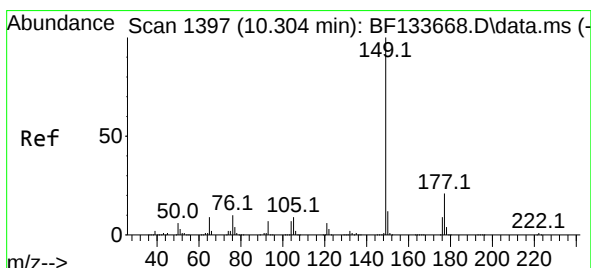
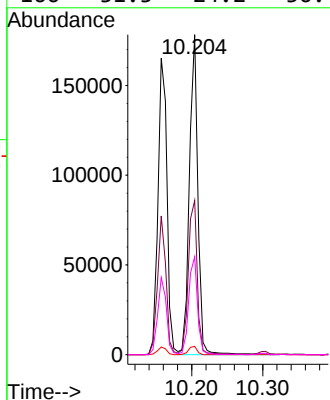
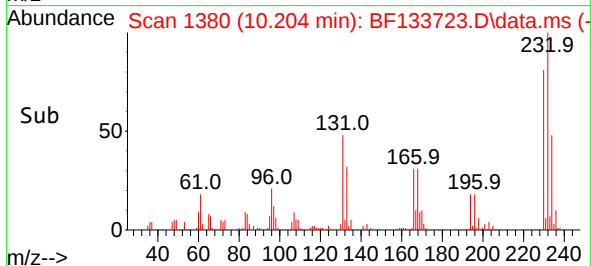
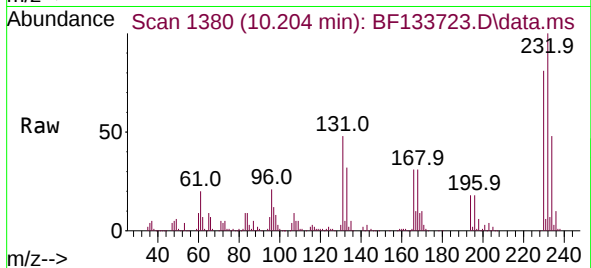
PB153230BS

Tgt Ion:232 Resp: 14852
Ion Ratio Lower Upper
232 100
131 50.3 38.0 57.0
130 2.6 1.8 2.8
166 31.3 24.2 36.4

Manual Integrations

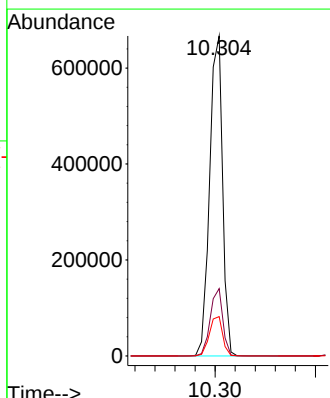
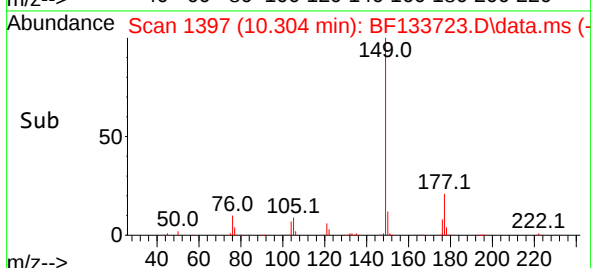
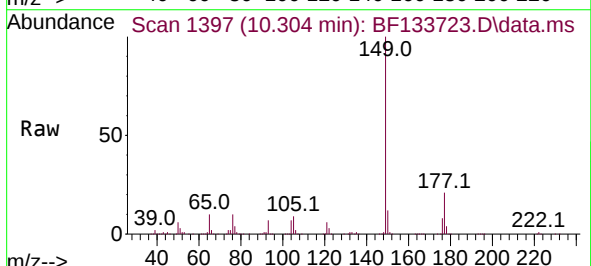
APPROVED

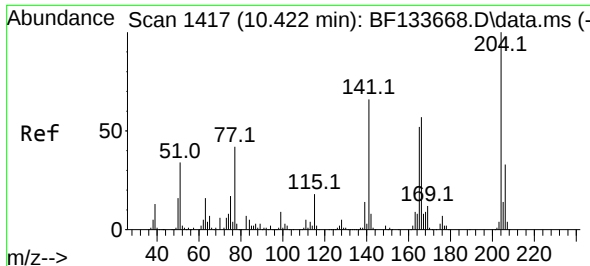
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#60
Diethylphthalate
Concen: 44.185 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

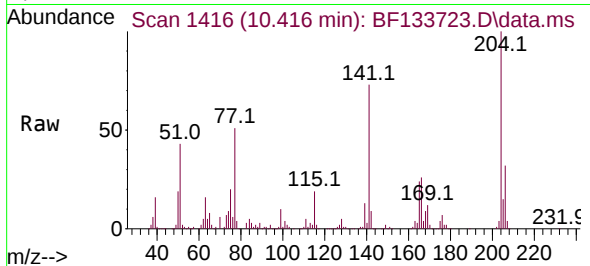
Tgt Ion:149 Resp: 595800
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.158 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

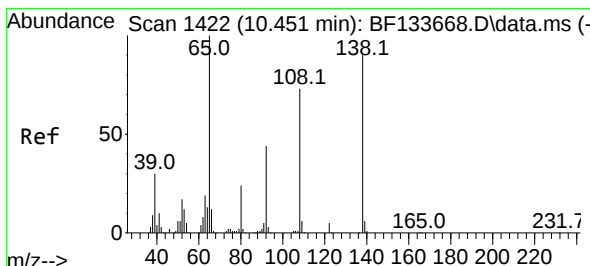
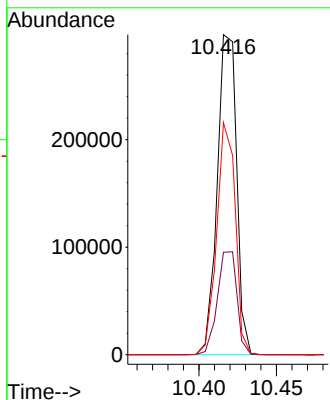
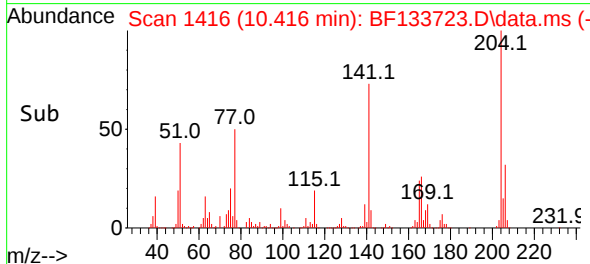
Instrument :
BNA_F
ClientSampleId :
PB153230BS



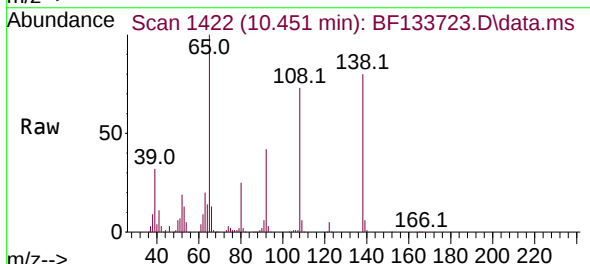
Tgt Ion:204 Resp: 260095
Ion Ratio Lower Upper
204 100
206 32.0 26.4 39.6
141 72.5 52.8 79.2

Manual Integrations
APPROVED

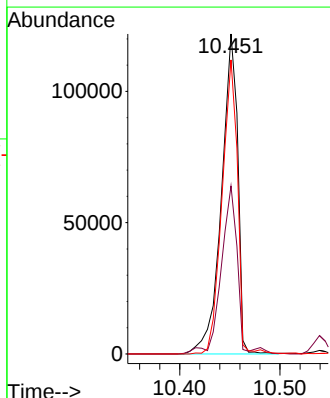
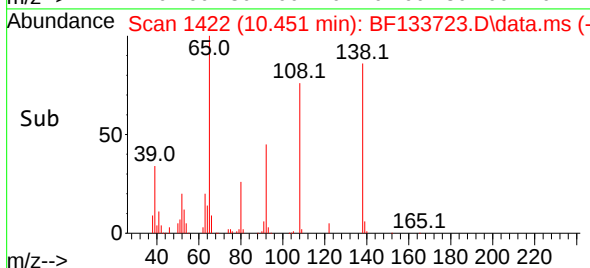
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#62
4-Nitroaniline
Concen: 41.988 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:138 Resp: 137006
Ion Ratio Lower Upper
138 100
92 52.5 28.9 68.9
108 91.9 61.0 101.0





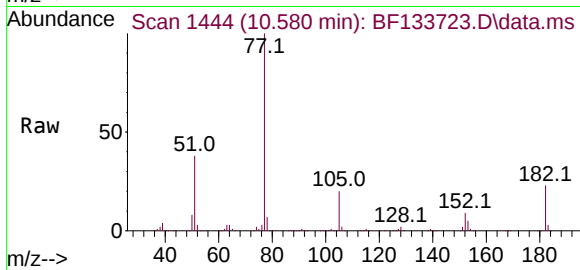
#63
Azobenzene
Concen: 44.277 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

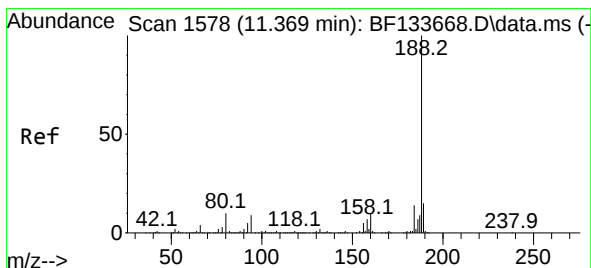
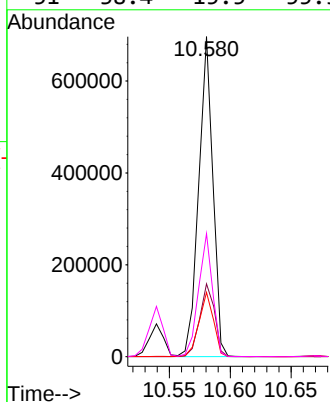
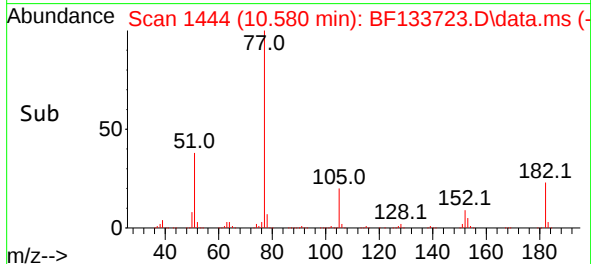


Tgt Ion: 77 Resp: 56520
Ion Ratio Lower Upper
77 100
182 22.7 1.6 41.6
105 20.1 1.6 41.6
51 38.4 15.5 55.5

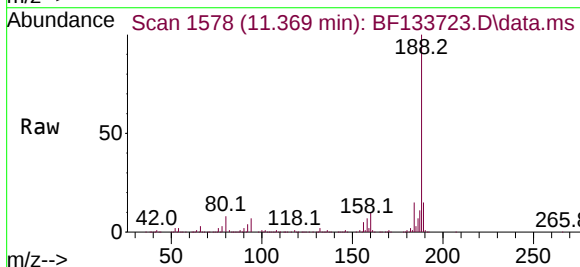
Manual Integrations

APPROVED

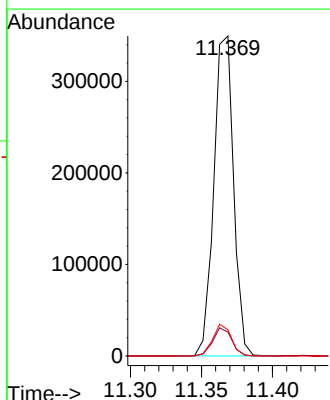
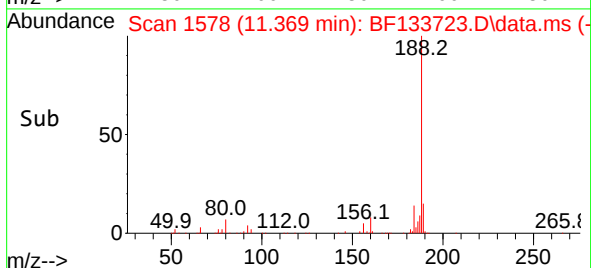
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

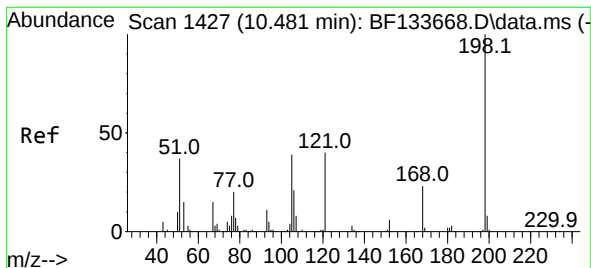


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:188 Resp: 338111
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 8.1 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 55.946 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

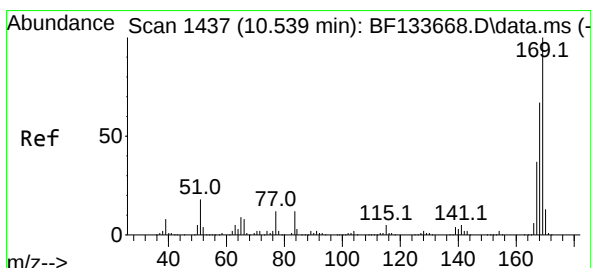
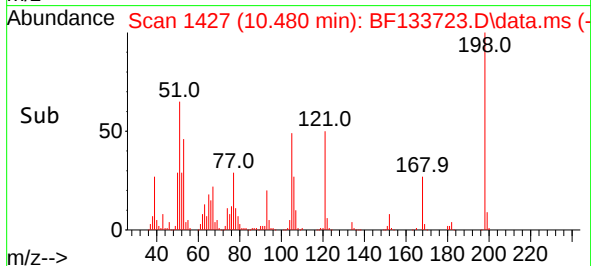
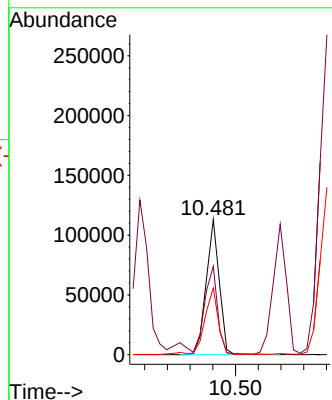
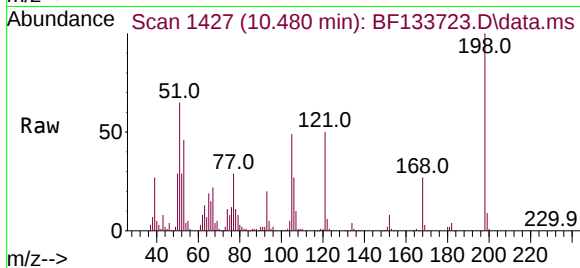
ClientSampleId :

PB153230BS

Tgt Ion:198 Resp: 90389
Ion Ratio Lower Upper
198 100
51 65.4 27.5 67.5
105 49.4 21.0 61.0

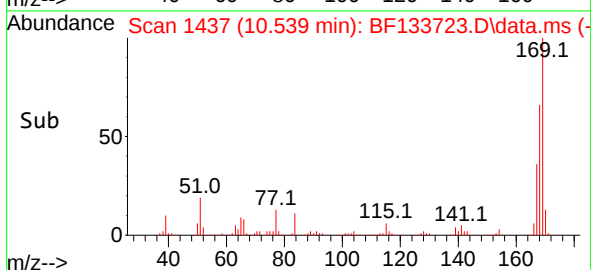
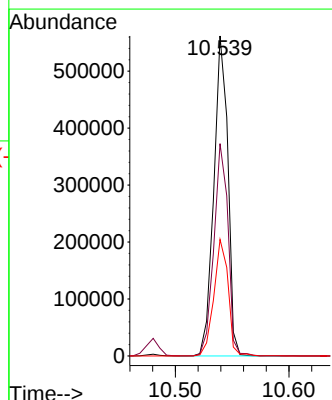
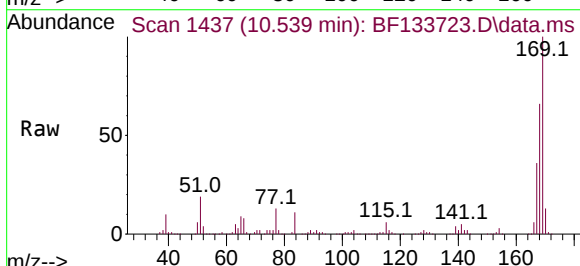
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 42.402 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:169 Resp: 481566
Ion Ratio Lower Upper
169 100
168 66.4 53.7 80.5
167 36.4 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 42.564 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

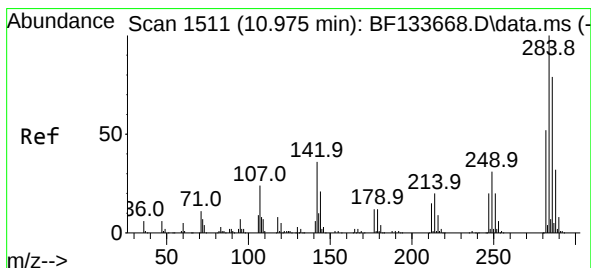
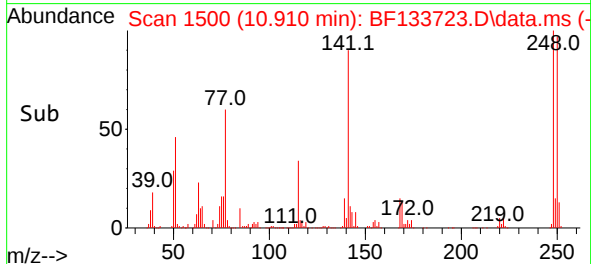
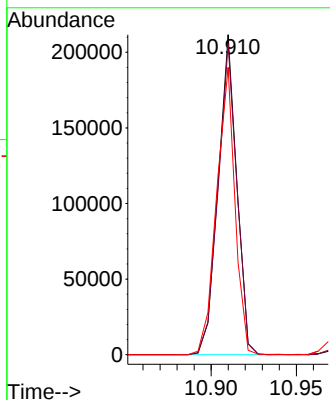
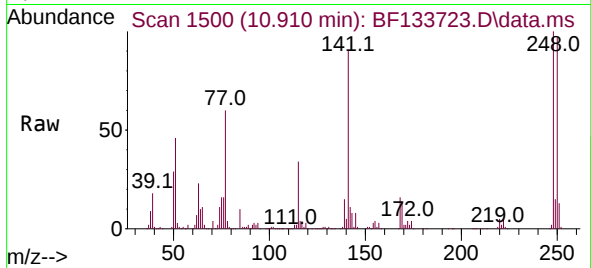
ClientSampleId :

PB153230BS

Tgt Ion:248 Resp: 160625
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 89.8 69.0 103.6

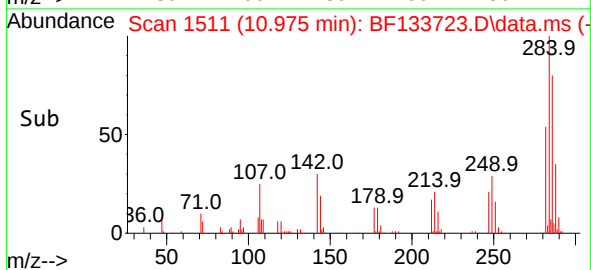
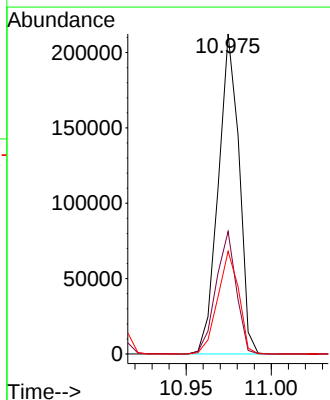
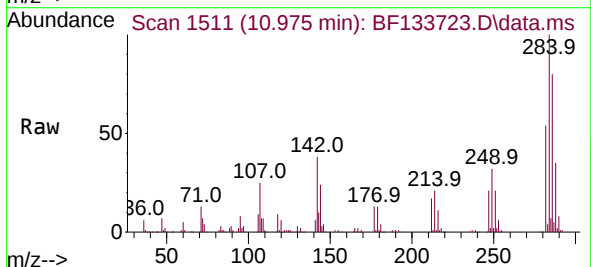
Manual Integrations
APPROVED

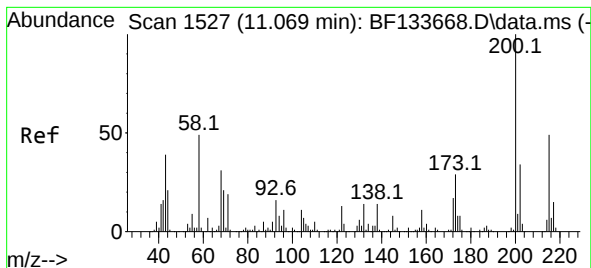
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#68
Hexachlorobenzene
Concen: 45.318 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:284 Resp: 179841
Ion Ratio Lower Upper
284 100
142 38.3 28.6 42.8
249 32.1 24.6 36.8





#69

Atrazine

Concen: 49.437 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:200 Resp: 162910

Ion Ratio Lower Upper

200 100

173 29.0 8.7 48.7

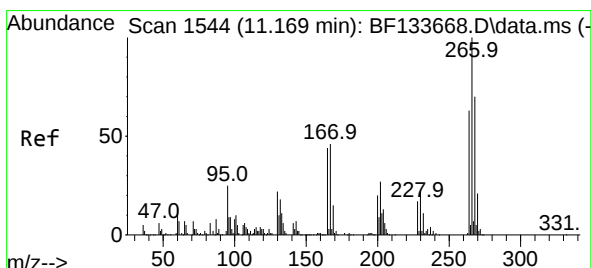
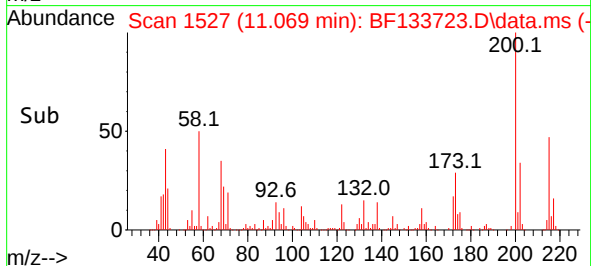
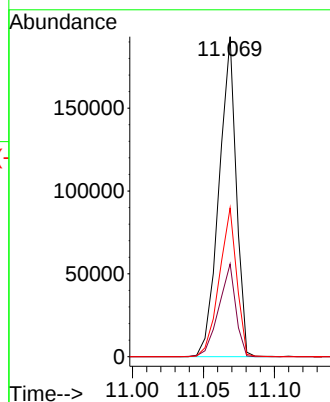
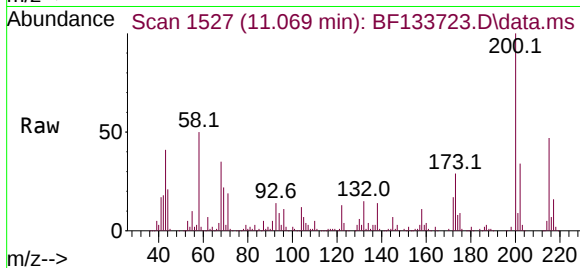
215 46.5 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 83.217 ng

RT: 11.175 min Scan# 1545

Delta R.T. 0.006 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

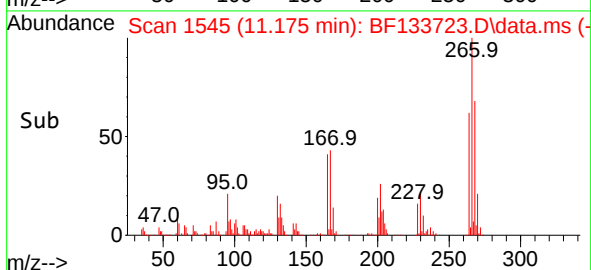
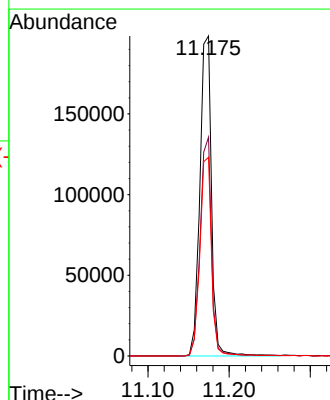
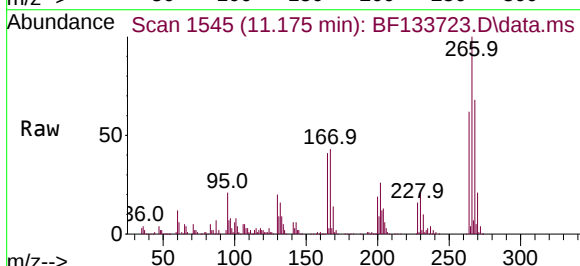
Tgt Ion:266 Resp: 197750

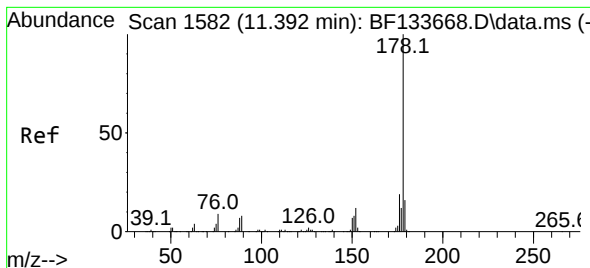
Ion Ratio Lower Upper

266 100

268 68.3 55.7 83.5

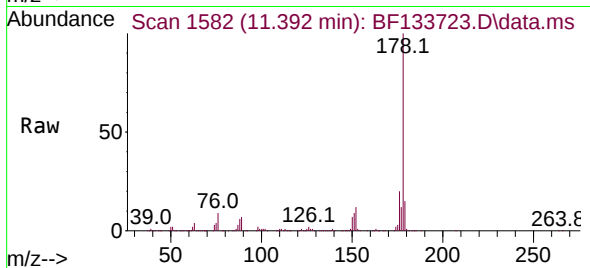
264 62.1 50.7 76.1





#71
Phenanthrene
Concen: 45.029 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

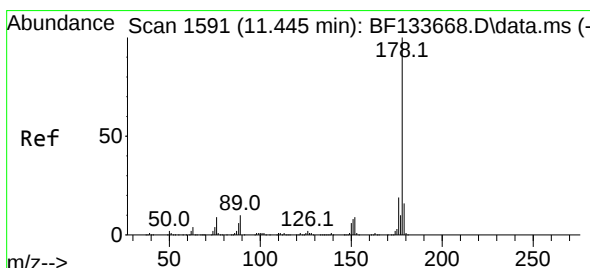
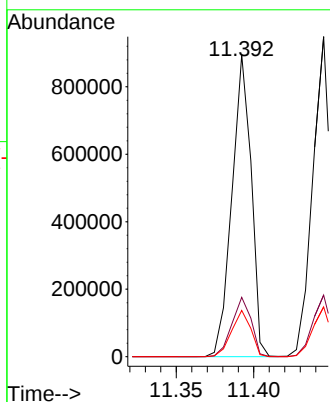
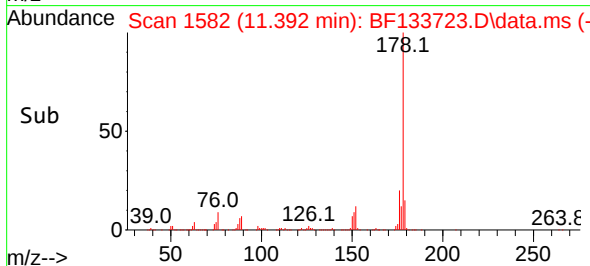
Instrument :
BNA_F
ClientSampleId :
PB153230BS



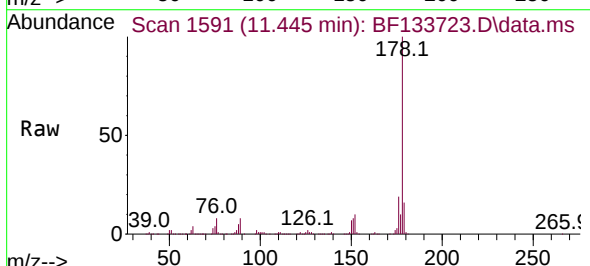
Tgt Ion:178 Resp: 772428
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.4 18.6

Manual Integrations
APPROVED

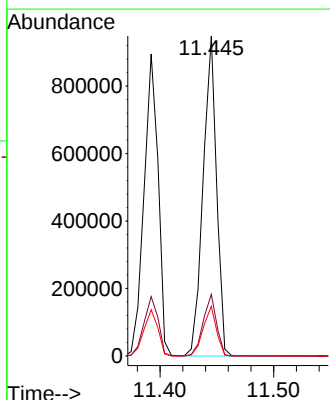
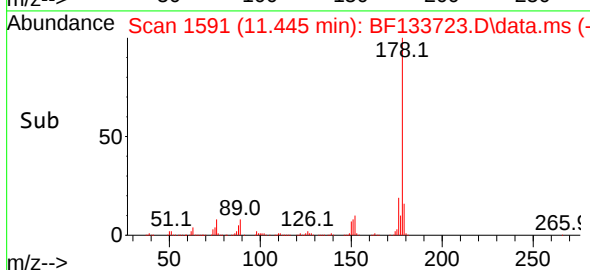
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

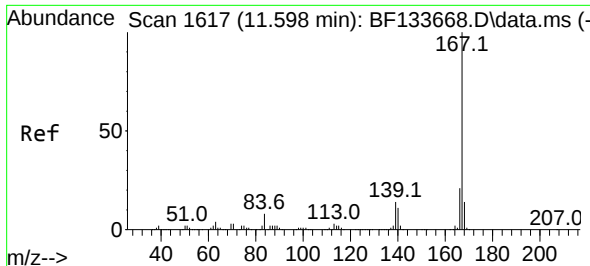


#72
Anthracene
Concen: 43.611 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



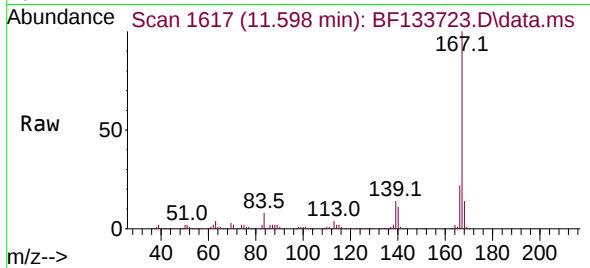
Tgt Ion:178 Resp: 780034
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 44.134 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133723.D
 Acq: 13 Jun 2023 10:49

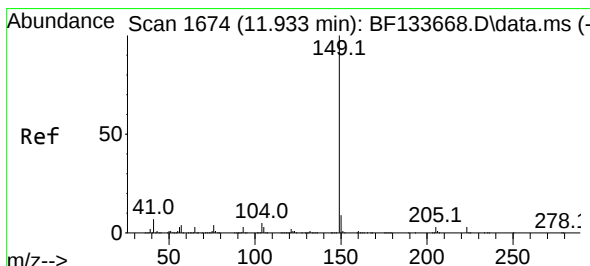
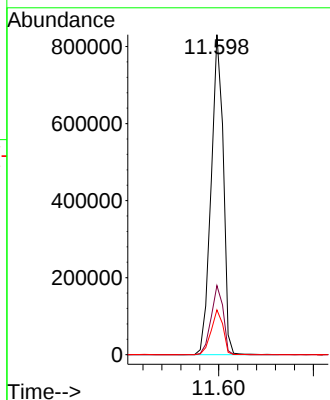
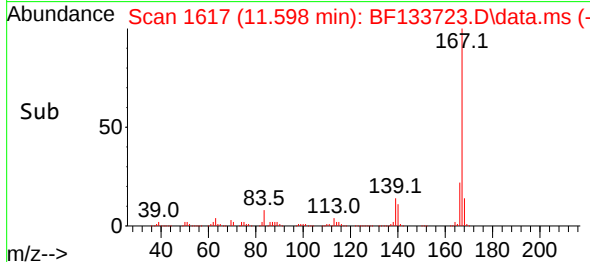
Instrument :
 BNA_F
 ClientSampleId :
 PB153230BS



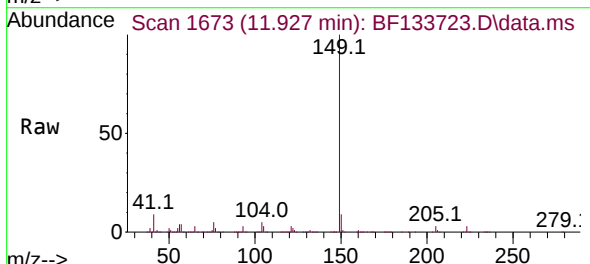
Tgt Ion:167 Resp: 73522
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 14.0 11.2 16.8

Manual Integrations
 APPROVED

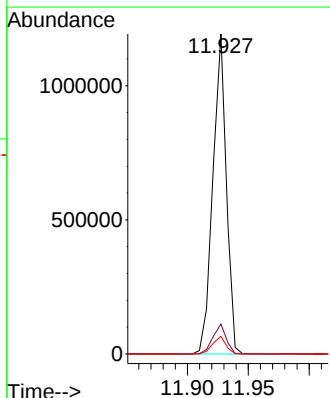
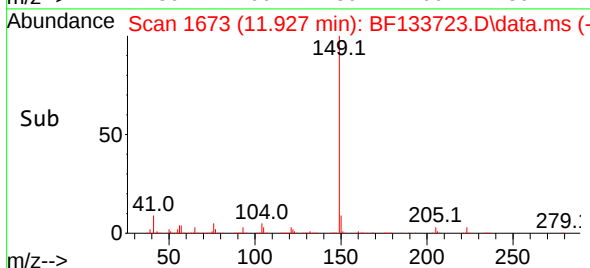
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

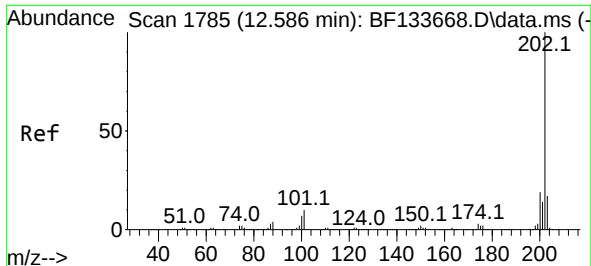


#74
 Di-n-butylphthalate
 Concen: 42.919 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF133723.D
 Acq: 13 Jun 2023 10:49



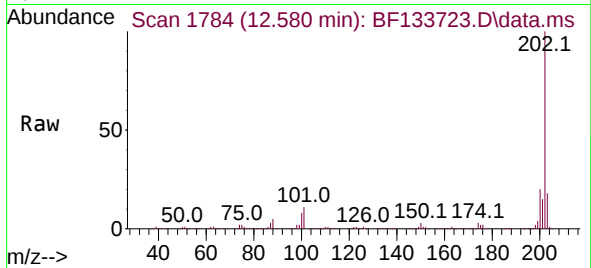
Tgt Ion:149 Resp: 916601
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 45.146 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

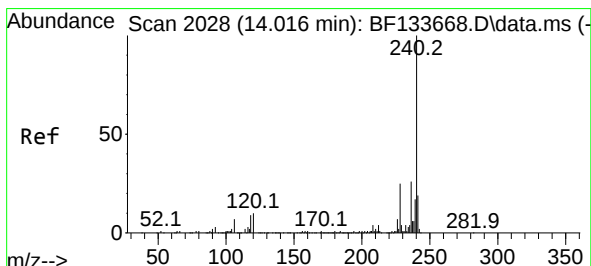
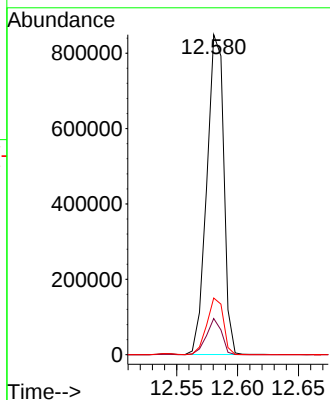
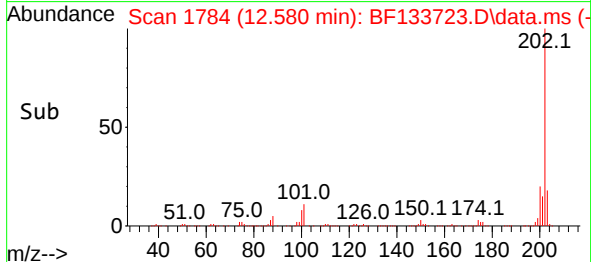
Instrument :
BNA_F
ClientSampleId :
PB153230BS



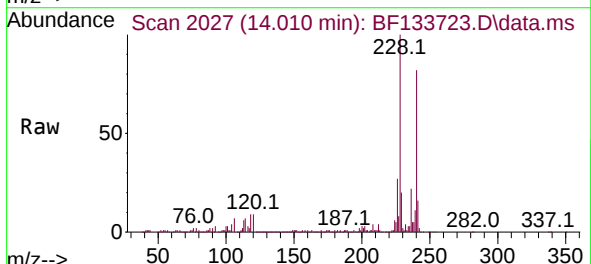
Tgt Ion:202 Resp: 822390
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.6
203 17.7 0.0 37.4

Manual Integrations
APPROVED

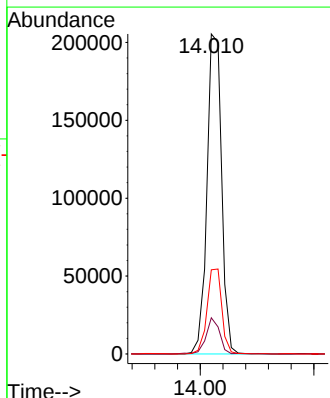
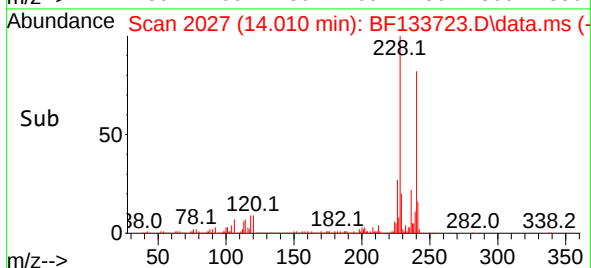
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

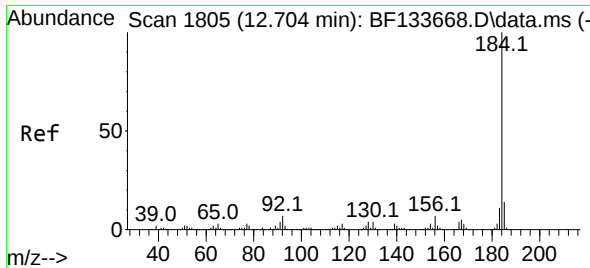


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49



Tgt Ion:240 Resp: 183600
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.3 20.5 30.7





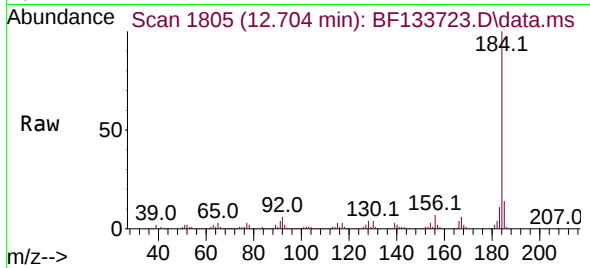
#77
Benzidine
Concen: 48.879 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

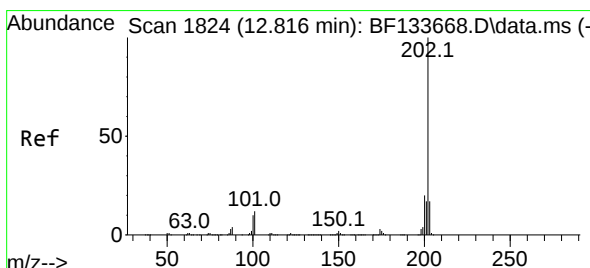
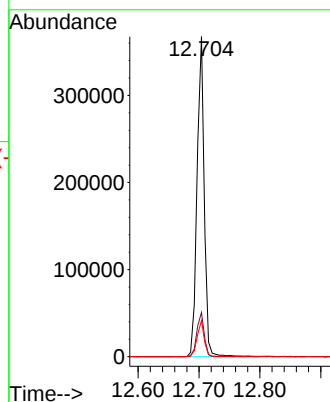
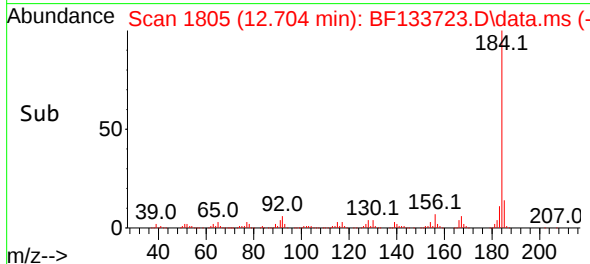


Tgt Ion:184 Resp: 301140
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.3 8.4 12.6

Manual Integrations

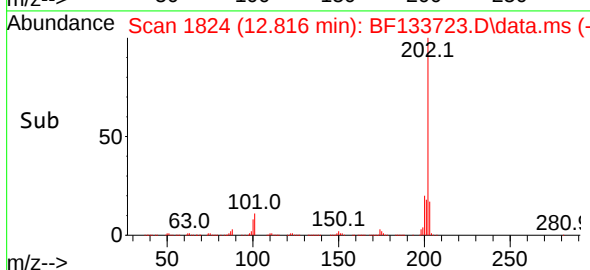
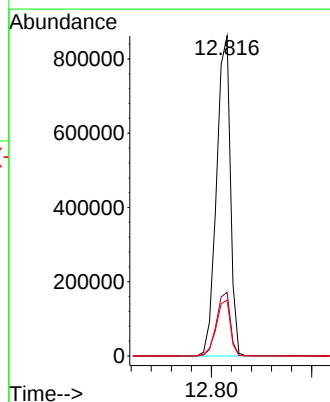
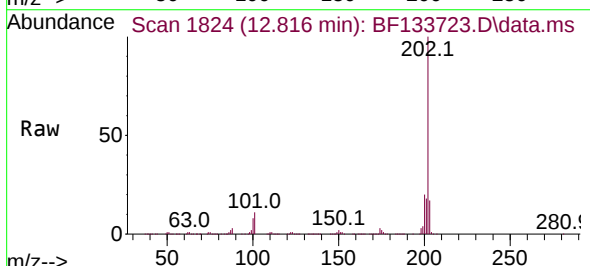
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#78
Pyrene
Concen: 48.185 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:202 Resp: 824112
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.4 13.9 20.9





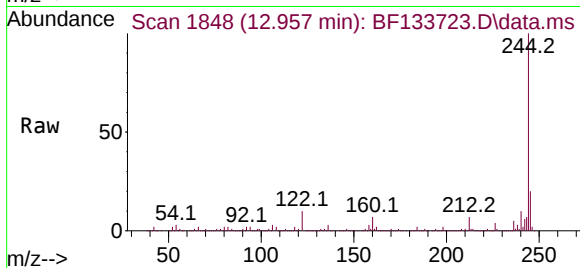
#79
 Terphenyl-d14
 Concen: 101.089 ng
 RT: 12.957 min Scan# 119947
 Delta R.T. 0.000 min
 Lab File: BF133723.D
 Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

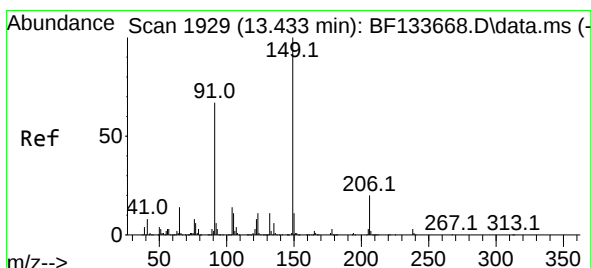
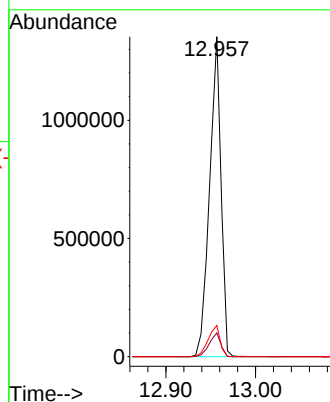
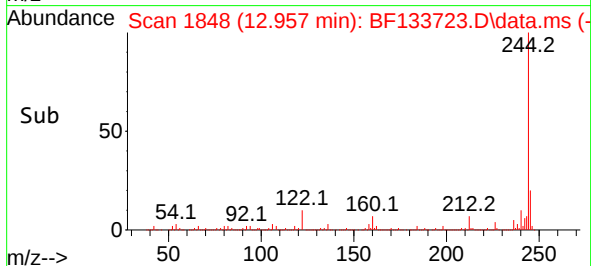


Tgt Ion:244 Resp: 119947
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 9.8 8.1 12.1

Manual Integrations

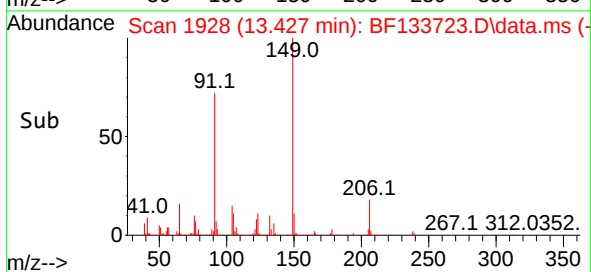
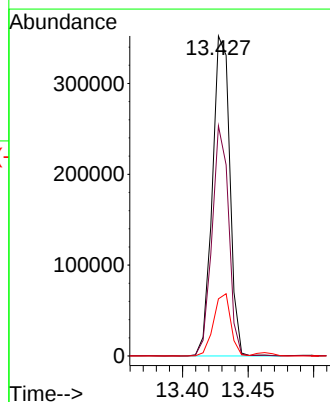
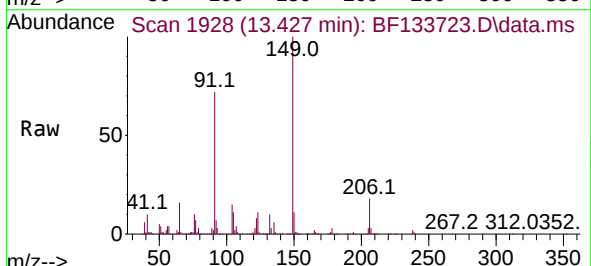
APPROVED

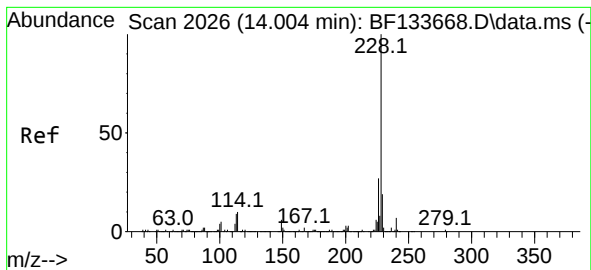
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#80
 Butylbenzylphthalate
 Concen: 45.163 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF133723.D
 Acq: 13 Jun 2023 10:49

Tgt Ion:149 Resp: 326094
 Ion Ratio Lower Upper
 149 100
 91 71.9 54.0 81.0
 206 17.9 15.6 23.4





#81

Benzo(a)anthracene

Concen: 45.915 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:228 Resp: 58310

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

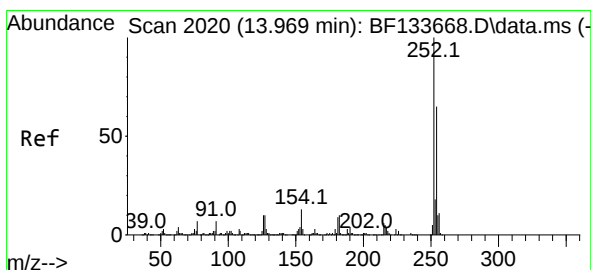
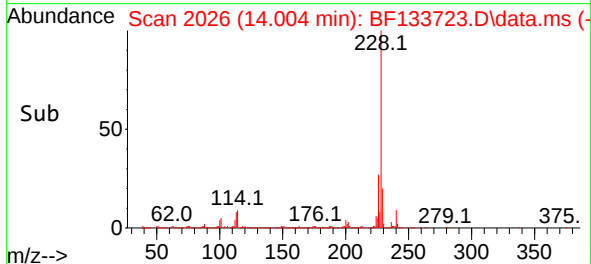
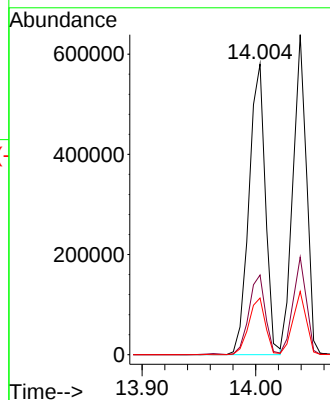
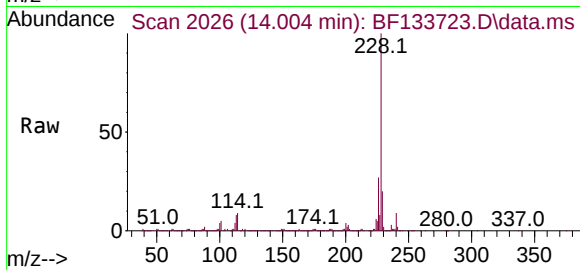
229 19.5 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 24.058 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

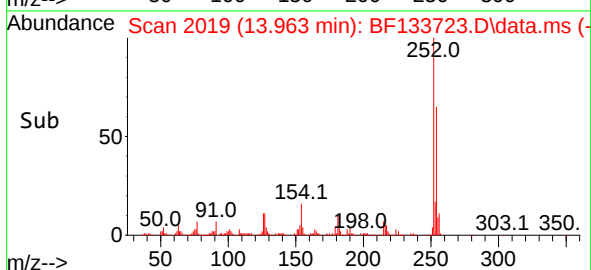
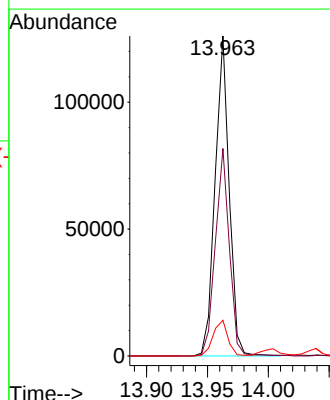
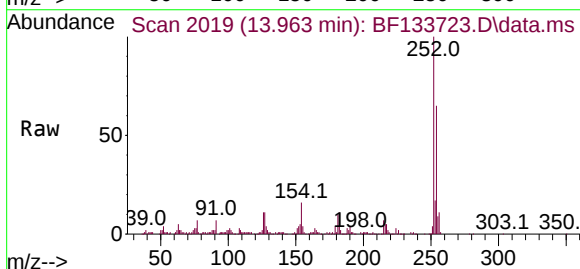
Tgt Ion:252 Resp: 101574

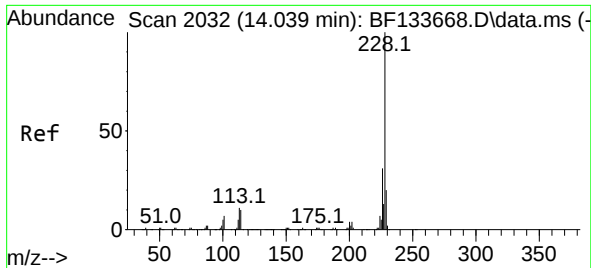
Ion Ratio Lower Upper

252 100

254 64.9 51.9 77.9

126 11.2 7.7 11.5





#83
Chrysene
Concen: 44.091 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

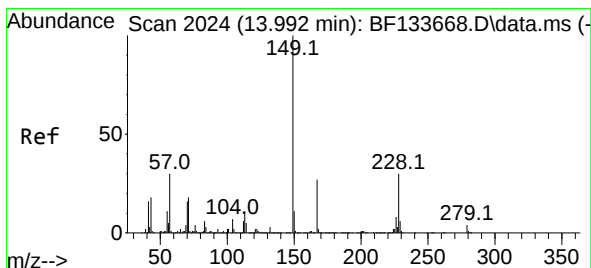
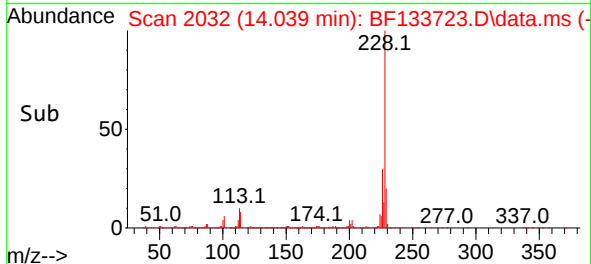
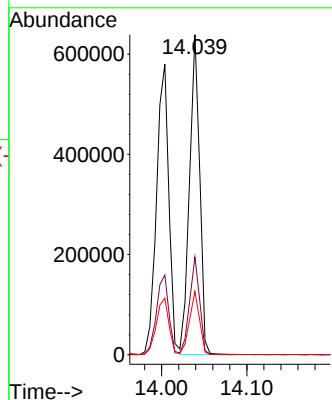
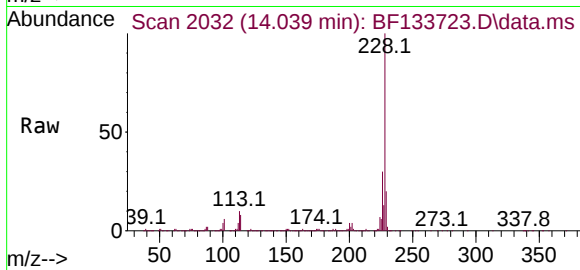
PB153230BS

Tgt Ion:228 Resp: 529609
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.6
229 19.8 15.8 23.8

Manual Integrations

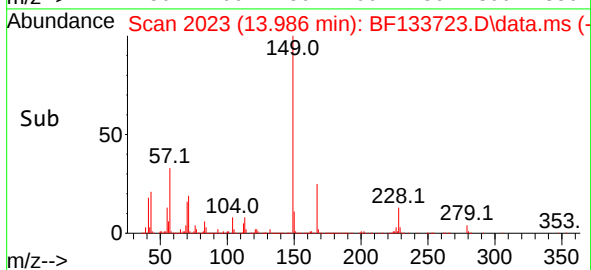
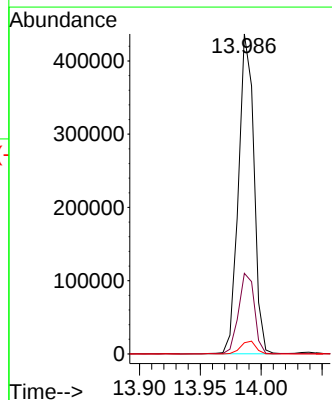
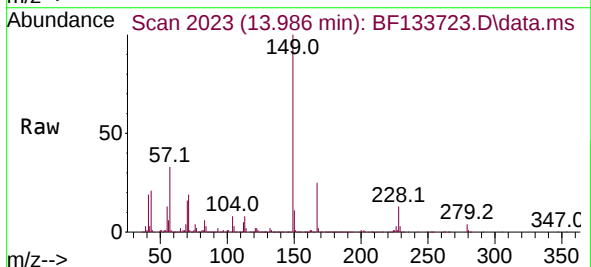
APPROVED

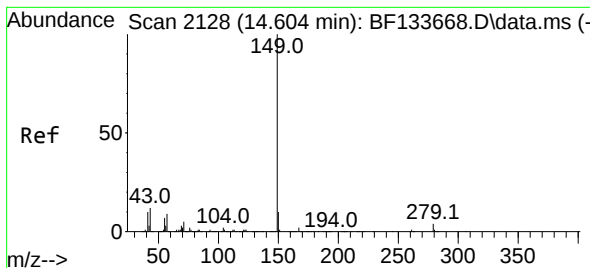
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.350 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:149 Resp: 385392
Ion Ratio Lower Upper
149 100
167 25.2 21.8 32.8
279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.028 ng

RT: 14.604 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:149 Resp: 58150

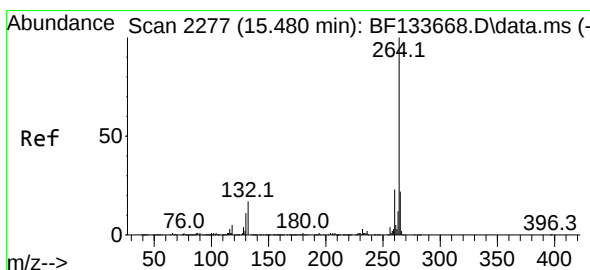
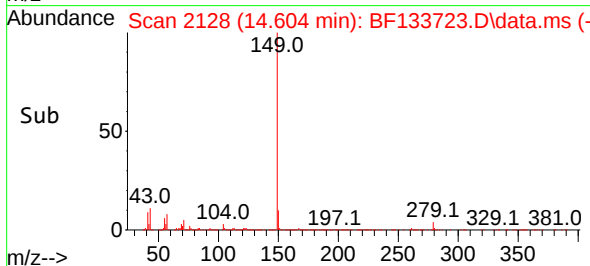
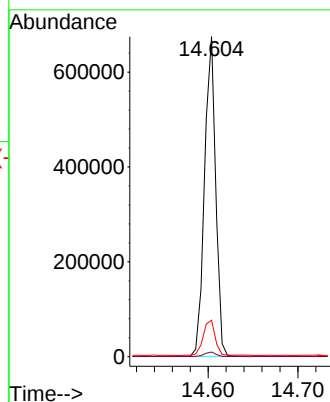
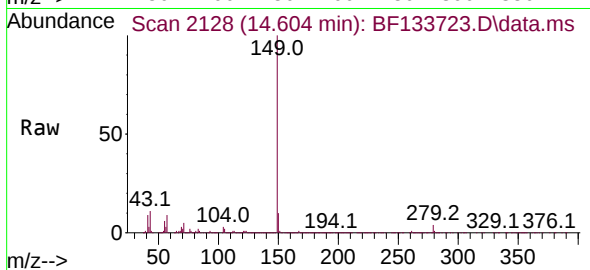
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

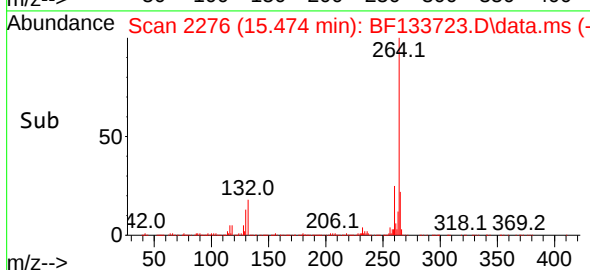
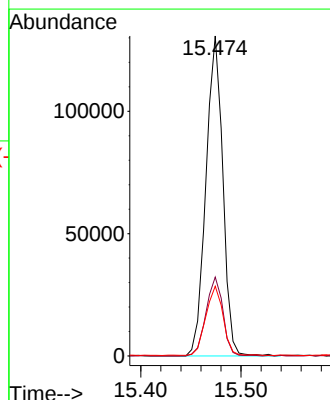
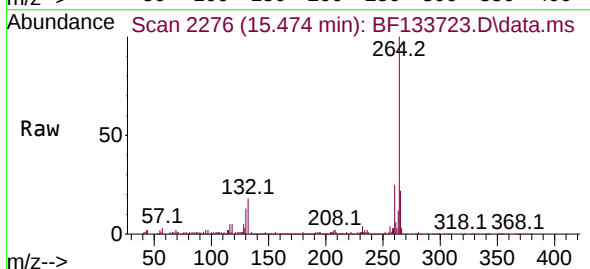
Delta R.T. -0.006 min

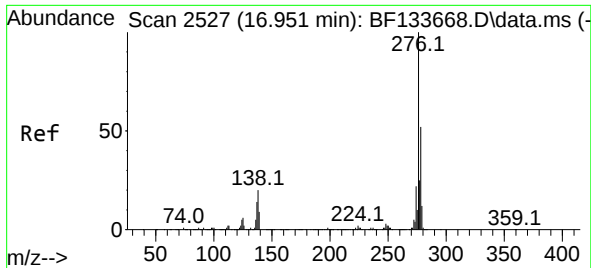
Lab File: BF133723.D

Acq: 13 Jun 2023 10:49

Tgt Ion:264 Resp: 153767

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	21.8	17.8	26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.996 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

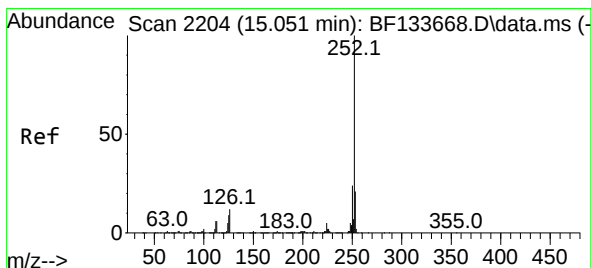
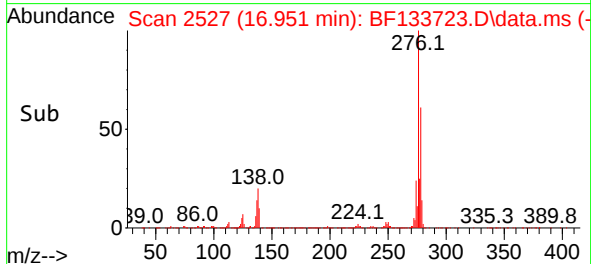
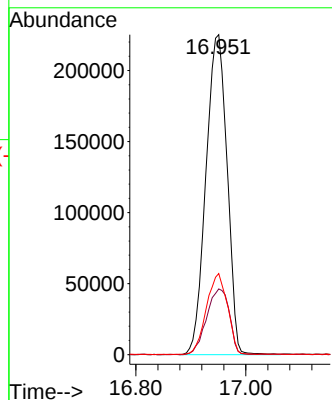
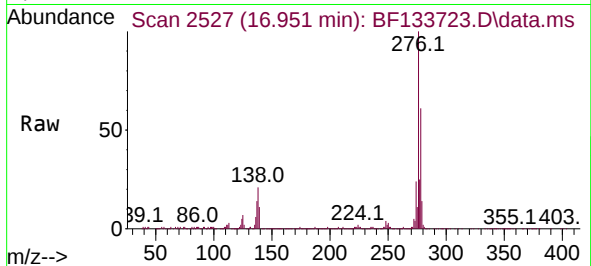
ClientSampleId :

PB153230BS

Tgt Ion:276 Resp: 602940
Ion Ratio Lower Upper
276 100
138 22.1 17.9 26.9
277 25.1 20.3 30.5

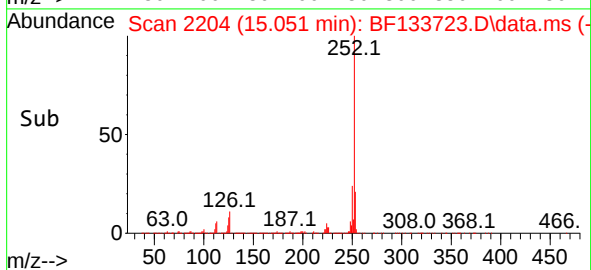
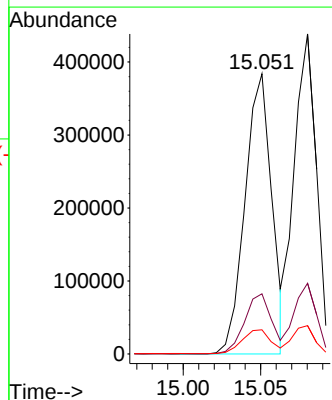
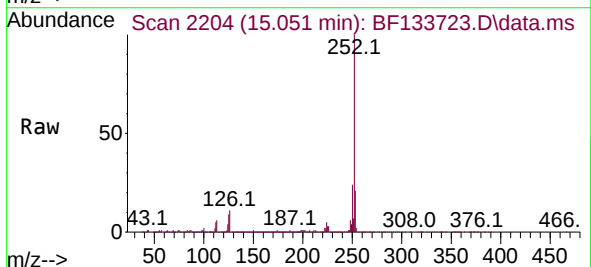
Manual Integrations
APPROVED

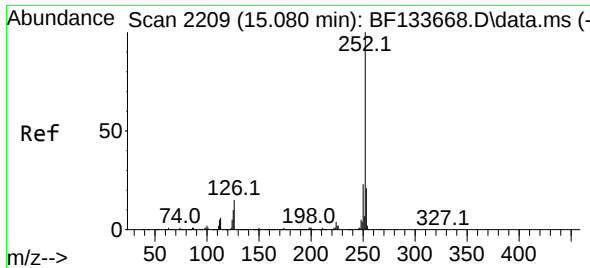
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#88
Benzo(b)fluoranthene
Concen: 49.371 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:252 Resp: 461159
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 8.6 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 48.202 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNF

ClientSampleId :

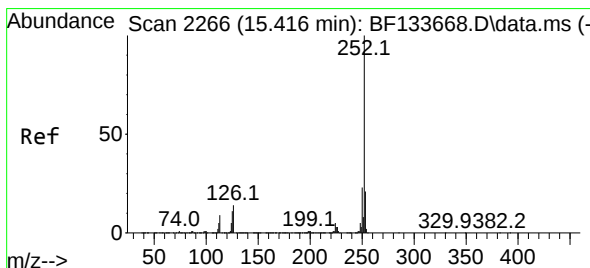
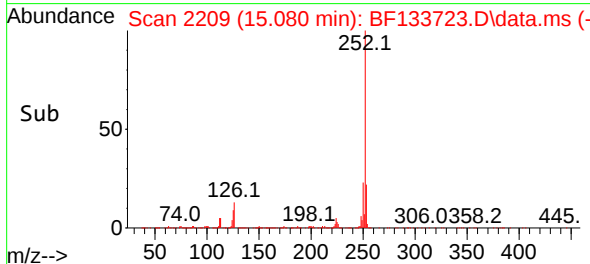
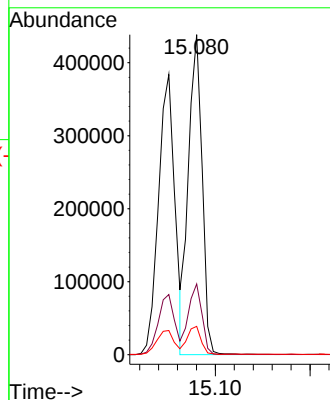
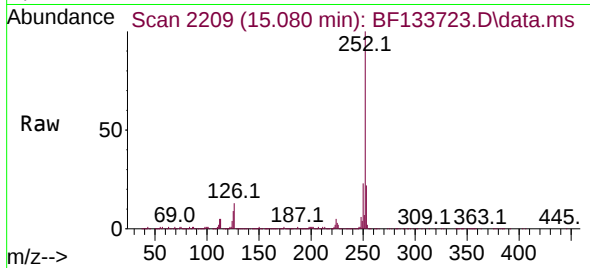
PB153230BS

Tgt Ion:252 Resp: 43858
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.8 7.8 11.6

Manual Integrations

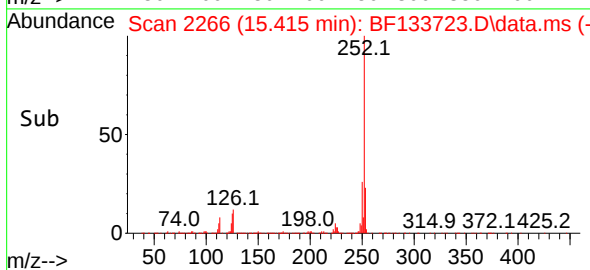
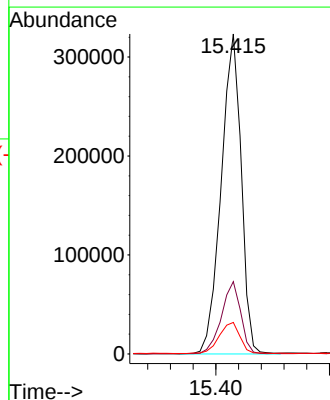
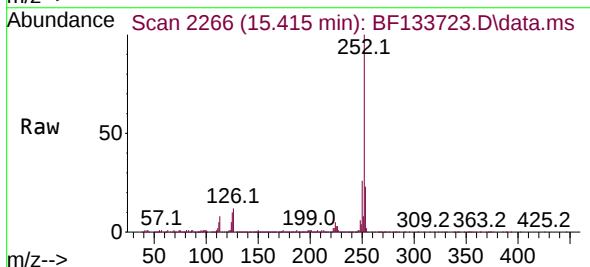
APPROVED

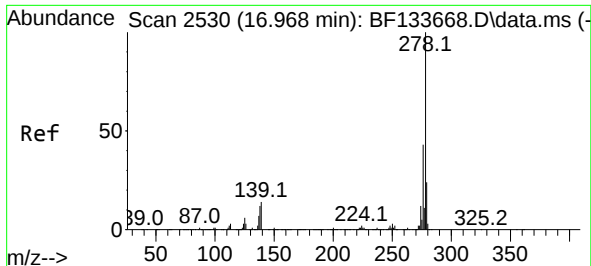
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(a)pyrene
Concen: 45.717 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:252 Resp: 396311
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 9.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 56.529 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Instrument :

BNA_F

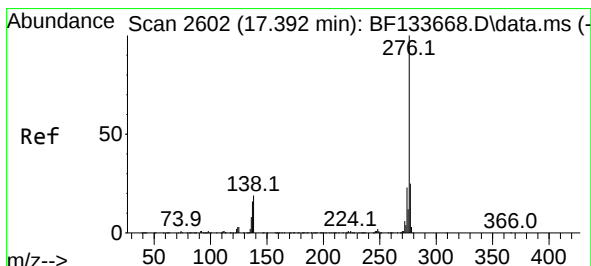
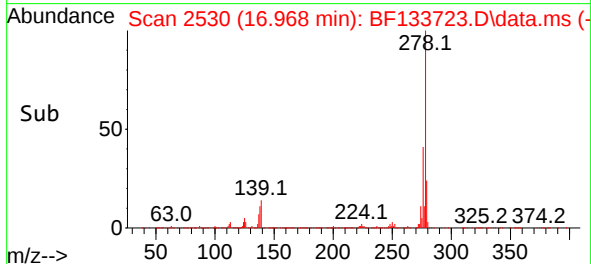
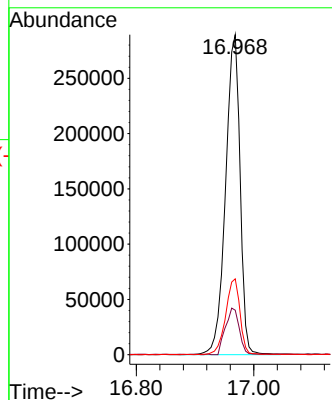
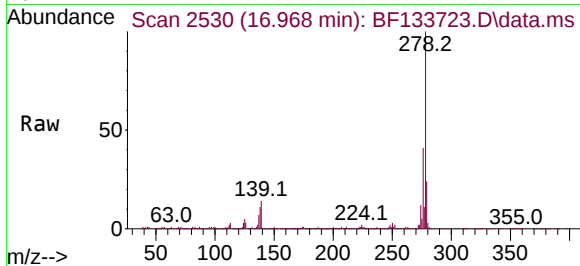
ClientSampleId :

PB153230BS

Tgt Ion:278 Resp: 49508
Ion Ratio Lower Upper
278 100
139 13.9 11.4 17.2
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#92
Benzo(g,h,i)perylene
Concen: 57.251 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.006 min
Lab File: BF133723.D
Acq: 13 Jun 2023 10:49

Tgt Ion:276 Resp: 497135
Ion Ratio Lower Upper
276 100
277 23.6 19.8 29.8
138 19.2 15.0 22.4

