

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133956.D
 Acq On : 26 Jun 2023 17:02
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 26 23:03:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 22:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	118955	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	447578	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	229018	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	454477	20.000	ng	0.00
76) Chrysene-d12	14.039	240	299224	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	238527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	316924	44.566	ng	0.00
7) Phenol-d6	6.481	99	377831	43.203	ng	-0.01
23) Nitrobenzene-d5	7.410	82	351562	42.341	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	123779	43.107	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	687572	43.650	ng	0.00
79) Terphenyl-d14	12.974	244	768453	41.332	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	64395	21.961	ng	98
3) Pyridine	3.416	79	168778	22.025	ng	98
4) n-Nitrosodimethylamine	3.363	42	91490	20.974	ng	98
6) Aniline	6.516	93	232721	21.868	ng	99
8) 2-Chlorophenol	6.634	128	158671	21.980	ng	97
9) Benzaldehyde	6.404	77	115516	21.107	ng	96
10) Phenol	6.498	94	202887	22.064	ng	93
11) bis(2-Chloroethyl)ether	6.587	93	145567	21.503	ng	100
12) 1,3-Dichlorobenzene	6.792	146	168075	21.839	ng	98
13) 1,4-Dichlorobenzene	6.869	146	170218	21.897	ng	99
14) 1,2-Dichlorobenzene	7.022	146	159570	21.919	ng	97
15) Benzyl Alcohol	6.992	79	148748	22.063	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	256973	21.457	ng	99
17) 2-Methylphenol	7.098	107	139757	21.620	ng	99
18) Hexachloroethane	7.357	117	61801	21.442	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	119791	21.599	ng	97
20) 3+4-Methylphenols	7.251	107	176056	22.450	ng	# 75
22) Acetophenone	7.257	105	218696	21.485	ng	# 97
24) Nitrobenzene	7.428	77	179609	21.406	ng	93
25) Isophorone	7.669	82	313925	20.803	ng	100
26) 2-Nitrophenol	7.745	139	86446	21.477	ng	98
27) 2,4-Dimethylphenol	7.781	122	136531	21.429	ng	100
28) bis(2-Chloroethoxy)met...	7.881	93	185323	21.210	ng	98
29) 2,4-Dichlorophenol	7.987	162	135873	21.506	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	139289	21.366	ng	96
31) Naphthalene	8.151	128	465759	21.544	ng	100
32) Benzoic acid	7.875	122	103895m	22.191	ng	
33) 4-Chloroaniline	8.204	127	198151	21.426	ng	95
34) Hexachlorobutadiene	8.269	225	87494	21.276	ng	100
35) Caprolactam	8.563	113	43370	20.848	ng	94
36) 4-Chloro-3-methylphenol	8.681	107	149145	21.014	ng	99
37) 2-Methylnaphthalene	8.845	142	327526	21.423	ng	99
38) 1-Methylnaphthalene	8.945	142	300849	21.168	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	145273	21.411	ng	98
41) Hexachlorocyclopentadiene	8.992	237	60527	18.803	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	96772	20.952	ng	100

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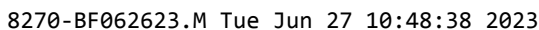
Quant Time: Jun 26 23:03:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	114474	21.070	ng	94
46) 1,1'-Biphenyl	9.310	154	391540	21.313	ng	97
47) 2-Chloronaphthalene	9.333	162	283053	21.058	ng	99
48) 2-Nitroaniline	9.433	65	103475	21.123	ng	89
49) Acenaphthylene	9.751	152	497166	21.652	ng	100
50) Dimethylphthalate	9.610	163	348595	20.969	ng	100
51) 2,6-Dinitrotoluene	9.675	165	75399	21.057	ng	98
52) Acenaphthene	9.922	154	286795	21.526	ng	99
53) 3-Nitroaniline	9.845	138	92626	21.563	ng	92
54) 2,4-Dinitrophenol	9.951	184	33707	19.377	ng	95
55) Dibenzofuran	10.092	168	448972	21.562	ng	99
56) 4-Nitrophenol	10.004	139	64029	21.310	ng	97
57) 2,4-Dinitrotoluene	10.080	165	103024	21.787	ng	96
58) Fluorene	10.439	166	352872	21.783	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	89394	20.859	ng	99
60) Diethylphthalate	10.310	149	369078	21.309	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	167935	21.511	ng	95
62) 4-Nitroaniline	10.457	138	92001	21.252	ng	99
63) Azobenzene	10.592	77	346193	21.131	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	51458	20.768	ng	80
66) n-Nitrosodiphenylamine	10.551	169	311312	21.439	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	103787	21.485	ng	94
68) Hexachlorobenzene	10.986	284	109933	21.434	ng	97
69) Atrazine	11.080	200	88580	22.054	ng	98
70) Pentachlorophenol	11.186	266	65341	21.307	ng	99
71) Phenanthrene	11.404	178	494014	21.592	ng	99
72) Anthracene	11.457	178	522010	21.936	ng	100
73) Carbazole	11.616	167	479978	22.036	ng	100
74) Di-n-butylphthalate	11.945	149	569784	21.997	ng	99
75) Fluoranthene	12.604	202	548574	22.179	ng	98
77) Benzidine	12.727	184	143371	20.137	ng	98
78) Pyrene	12.833	202	558069	20.041	ng	99
80) Butylbenzylphthalate	13.457	149	216431	20.723	ng	97
81) Benzo(a)anthracene	14.027	228	428799	20.663	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	139178	21.169	ng	# 96
83) Chrysene	14.068	228	418965	20.845	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	248940	20.744	ng	100
85) Di-n-octyl phthalate	14.639	149	340246	19.296	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	342357	20.684	ng	100
88) Benzo(b)fluoranthene	15.098	252	302371	21.559	ng	99
89) Benzo(k)fluoranthene	15.127	252	311542	21.816	ng	99
90) Benzo(a)pyrene	15.474	252	285918	21.081	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	281628	20.832	ng	99
92) Benzo(g,h,i)perylene	17.551	276	289189	20.743	ng	99

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

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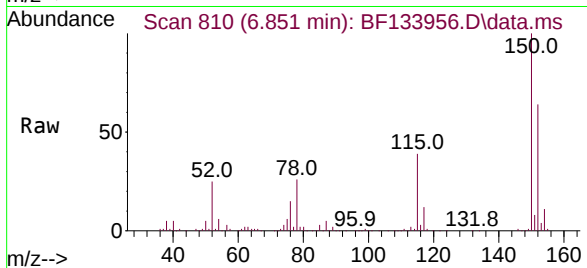
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

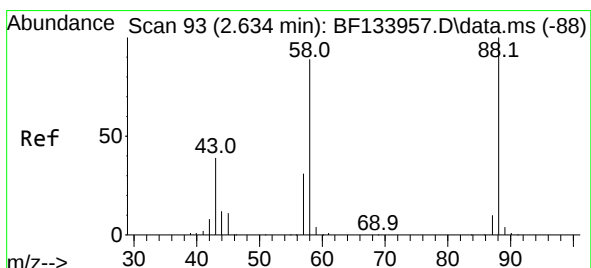
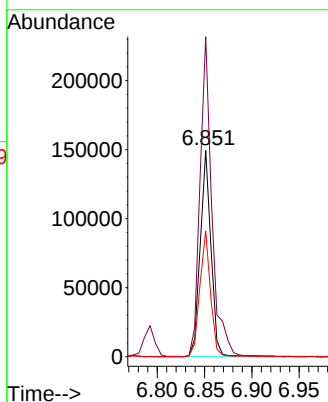
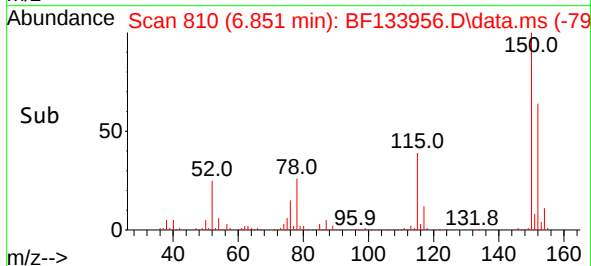


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Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 60.9 50.2 75.2

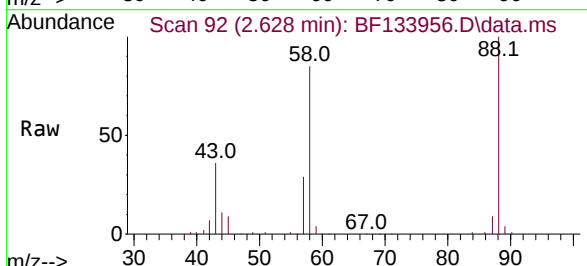
Manual Integrations

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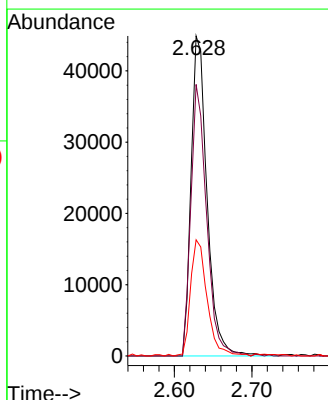
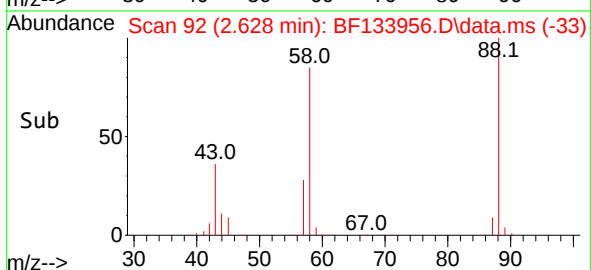
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

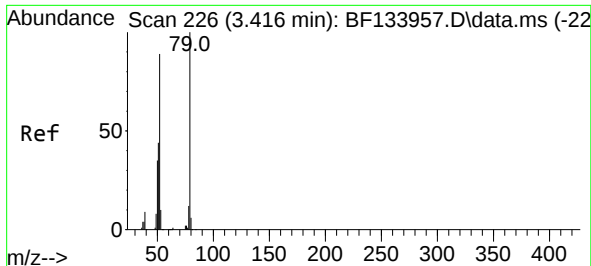


#2
1,4-Dioxane
Concen: 21.961 ng
RT: 2.628 min Scan# 92
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



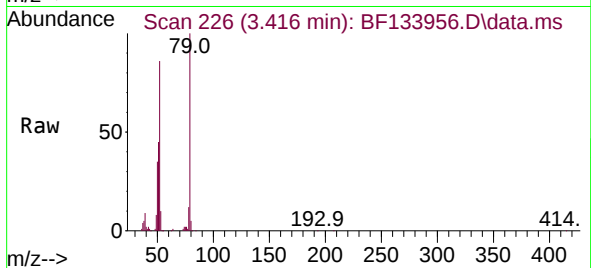
Tgt Ion: 88 Resp: 64395
Ion Ratio Lower Upper
88 100
58 83.4 68.8 103.2
43 37.6 30.7 46.1





#3
Pyridine
Concen: 22.025 ng
RT: 3.416 min Scan# 217
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

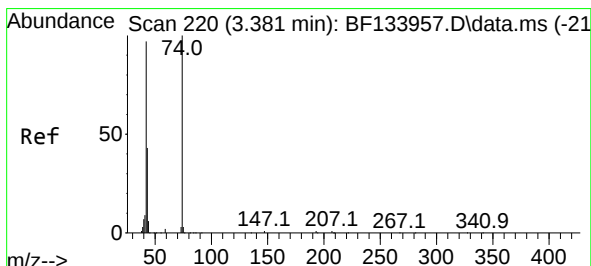
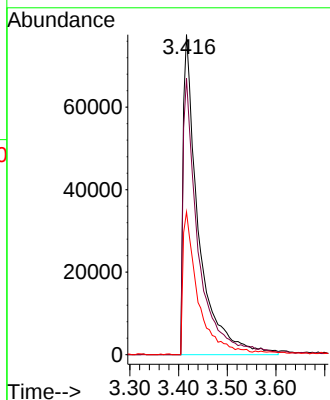
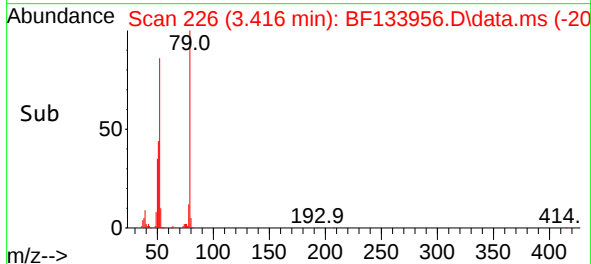
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ClientSampleId :
SSTDICC020



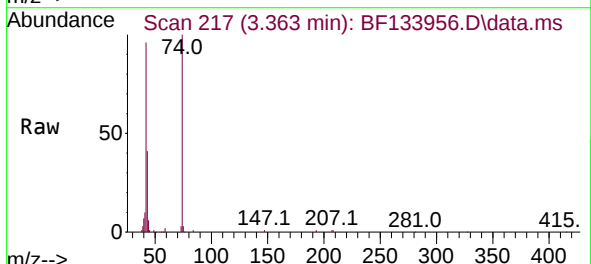
Tgt Ion: 79 Resp: 168778
Ion Ratio Lower Upper
79 100
52 86.4 71.1 106.7
51 44.6 35.2 52.8

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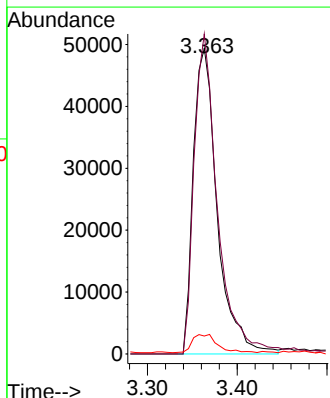
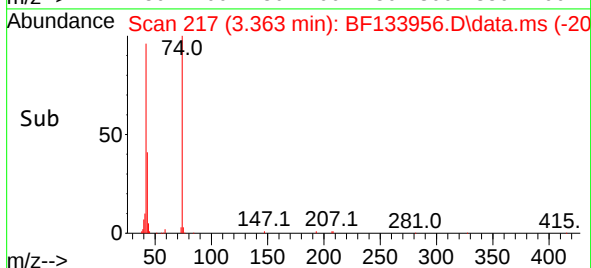
Reviewed By :Yogesh Patel 06/27/2023
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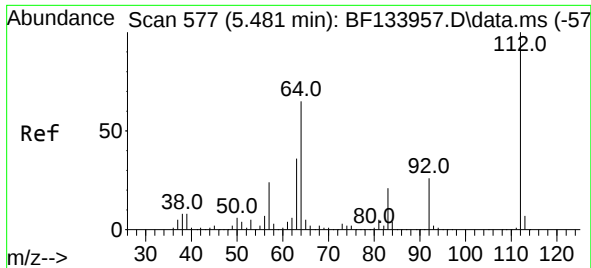


#4
n-Nitrosodimethylamine
Concen: 20.974 ng
RT: 3.363 min Scan# 217
Delta R.T. -0.018 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



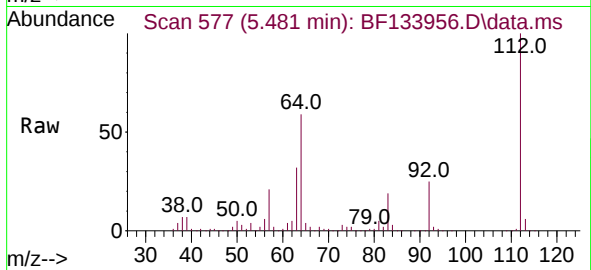
Tgt Ion: 42 Resp: 91490
Ion Ratio Lower Upper
42 100
74 104.7 82.4 123.6
44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 44.566 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

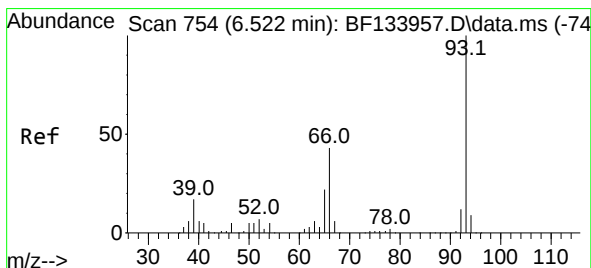
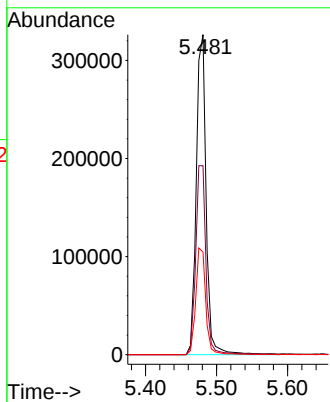
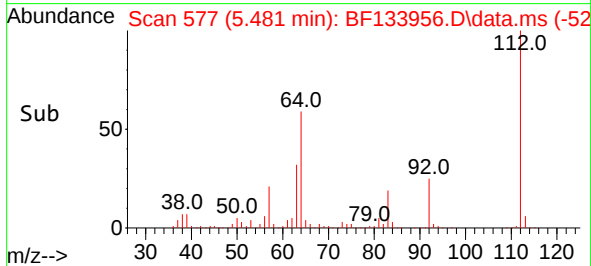
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Tgt Ion:112 Resp: 316924
Ion Ratio Lower Upper
112 100
64 59.1 52.1 78.1
63 32.1 28.6 42.8

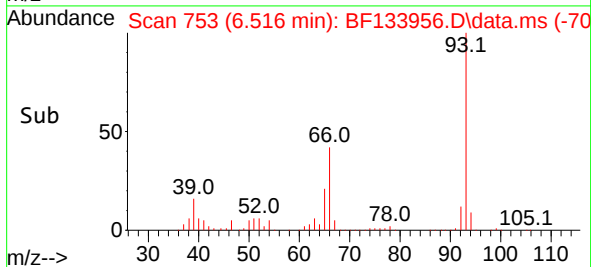
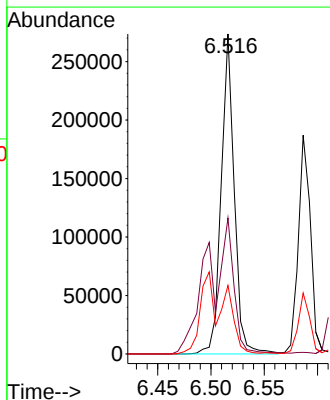
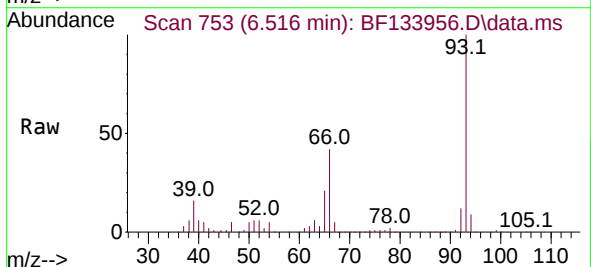
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#6
Aniline
Concen: 21.868 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

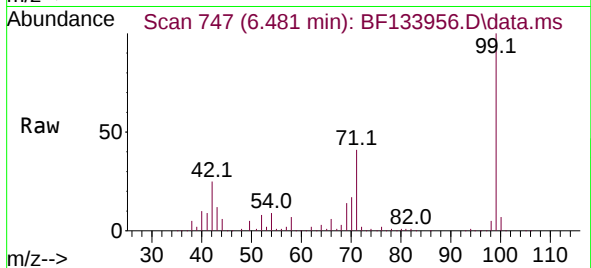
Tgt Ion: 93 Resp: 232721
Ion Ratio Lower Upper
93 100
66 42.5 34.5 51.7
65 21.4 17.8 26.6





#7
Phenol-d6
Concen: 43.203 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

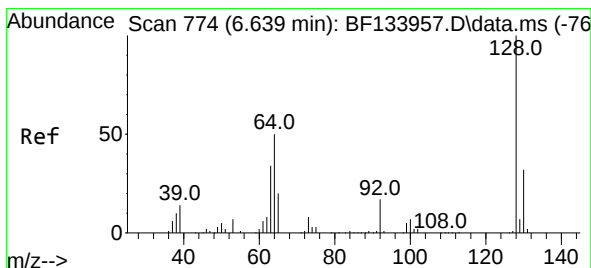
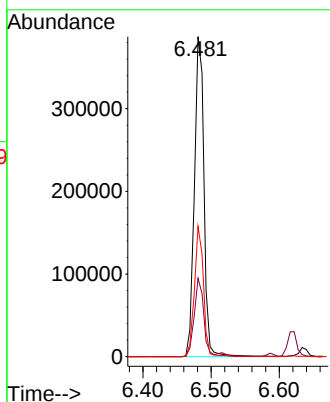
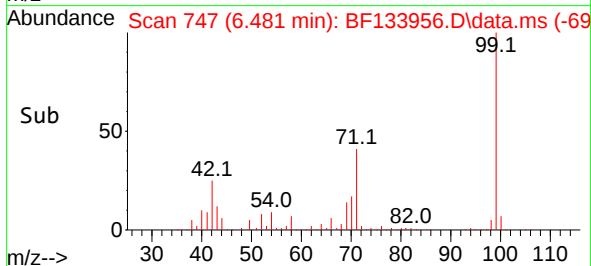
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 37783
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 40.7 31.9 47.9

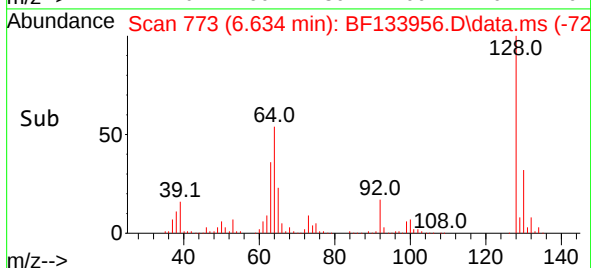
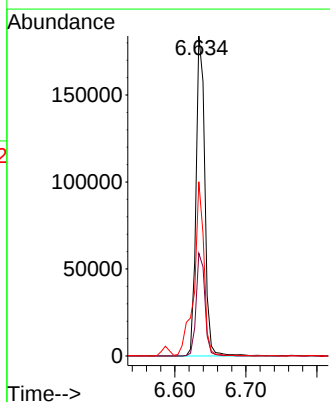
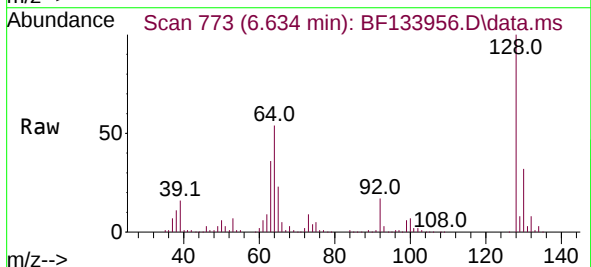
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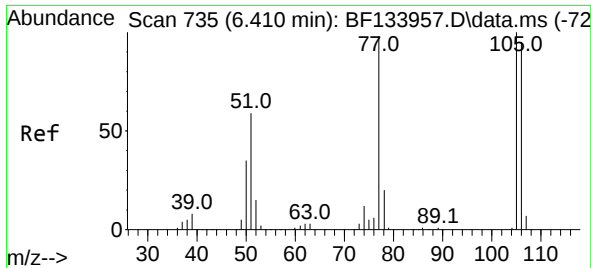
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#8
2-Chlorophenol
Concen: 21.980 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

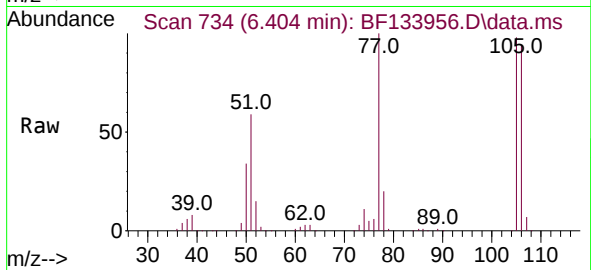
Tgt Ion:128 Resp: 158671
Ion Ratio Lower Upper
128 100
130 32.1 11.7 51.7
64 54.5 31.3 71.3





#9
Benzaldehyde
Concen: 21.107 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

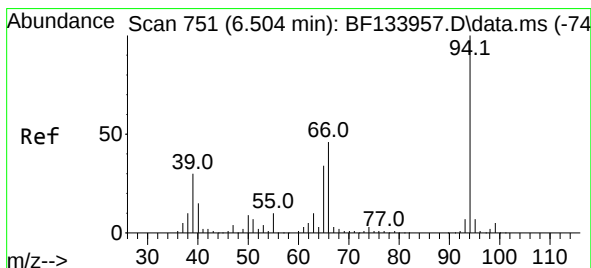
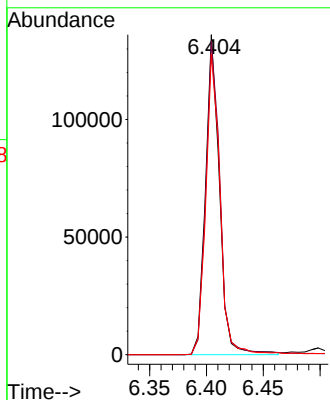
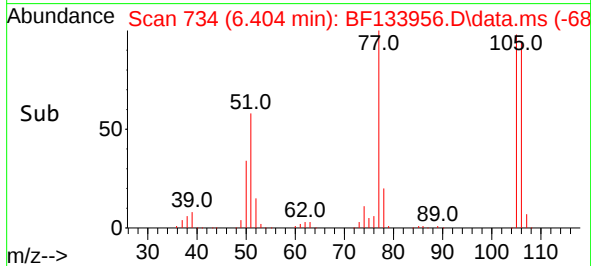
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 115510
Ion Ratio Lower Upper
77 100
105 98.0 82.0 122.0
106 93.9 76.9 116.9

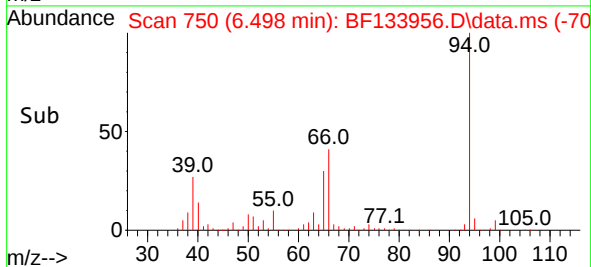
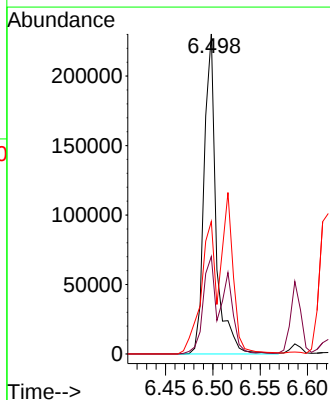
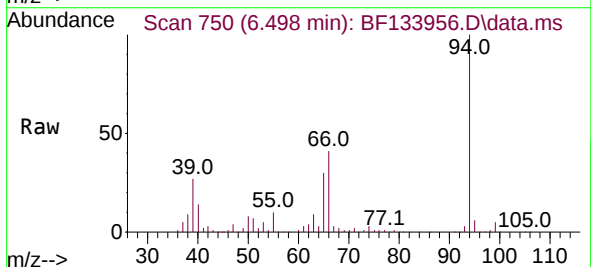
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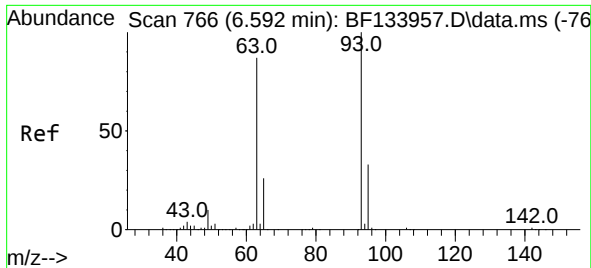
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#10
Phenol
Concen: 22.064 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion: 94 Resp: 202887
Ion Ratio Lower Upper
94 100
65 30.4 14.2 54.2
66 41.4 26.4 66.4





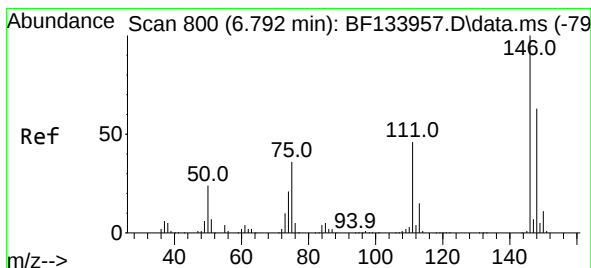
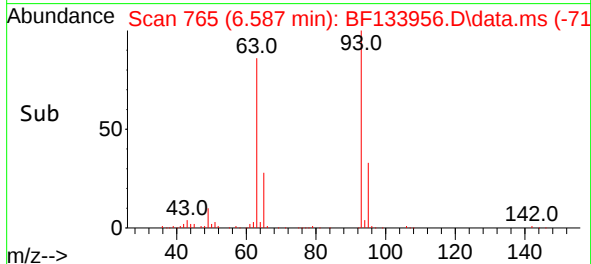
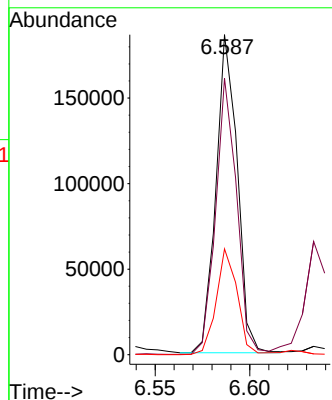
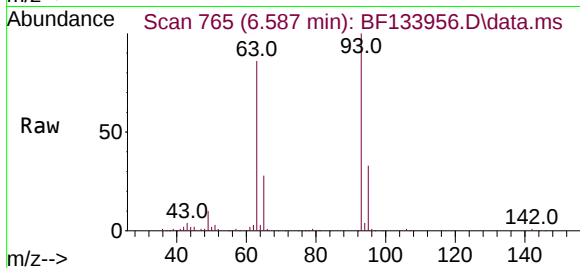
#11
bis(2-Chloroethyl)ether
Concen: 21.503 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 14556
Ion Ratio Lower Upper
93 100
63 86.4 66.5 106.5
95 33.1 12.9 52.9

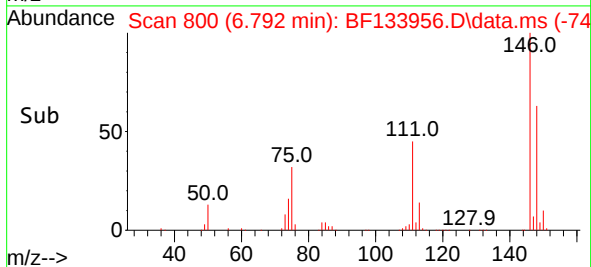
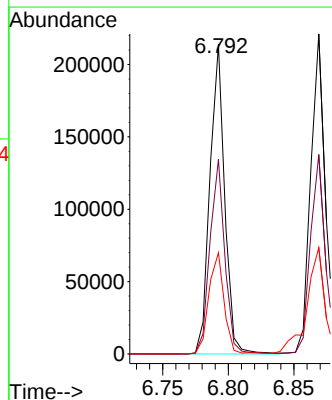
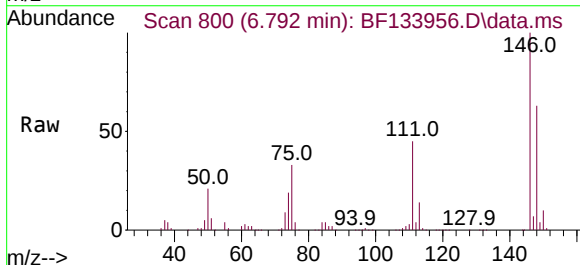
Manual Integrations
APPROVED

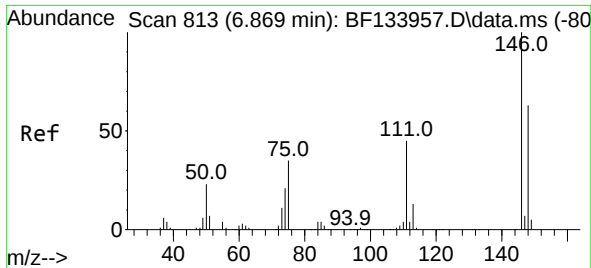
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#12
1,3-Dichlorobenzene
Concen: 21.839 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:146 Resp: 168075
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 32.7 29.0 43.6





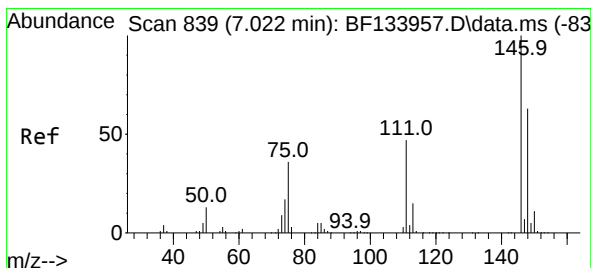
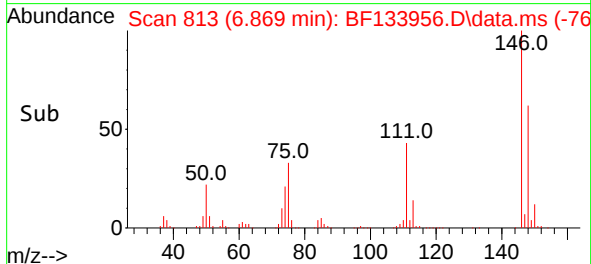
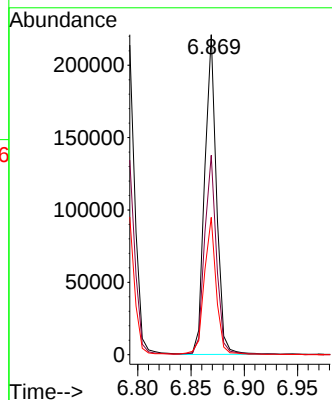
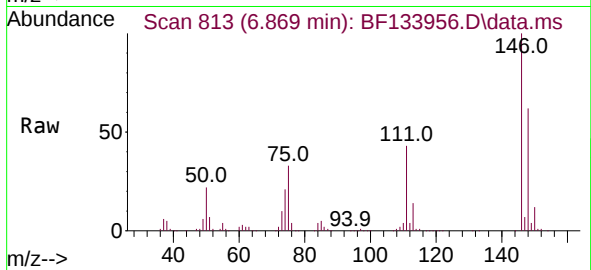
#13
1,4-Dichlorobenzene
Concen: 21.897 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 170218
Ion Ratio Lower Upper
146 100
148 62.3 50.2 75.2
111 42.9 35.8 53.6

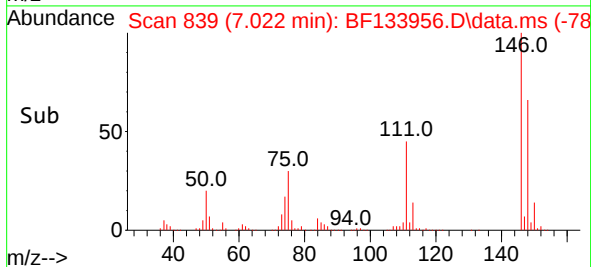
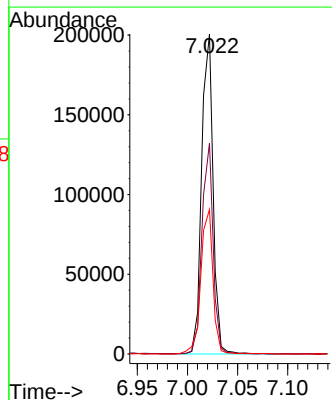
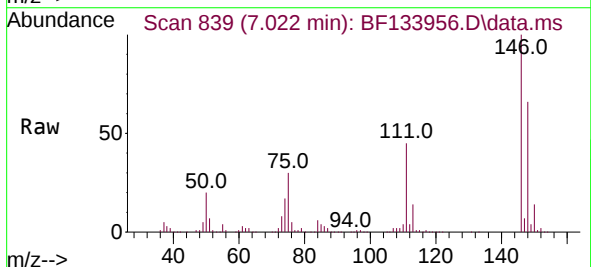
Manual Integrations
APPROVED

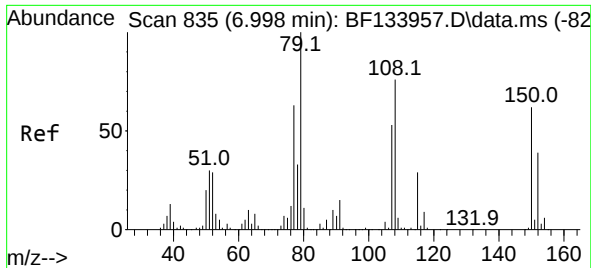
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#14
1,2-Dichlorobenzene
Concen: 21.919 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:146 Resp: 159570
Ion Ratio Lower Upper
146 100
148 65.9 50.6 76.0
111 45.2 38.0 57.0





#15
Benzyl Alcohol
Concen: 22.063 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

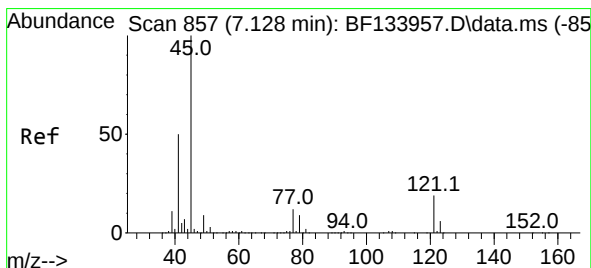
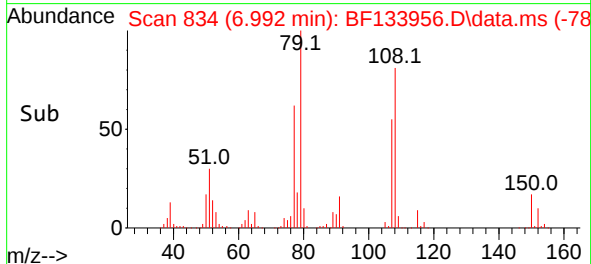
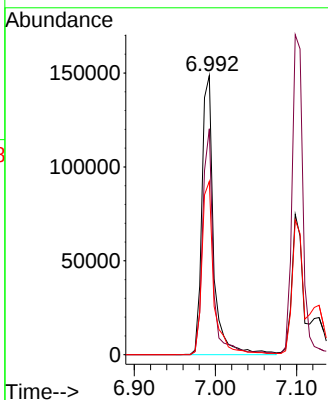
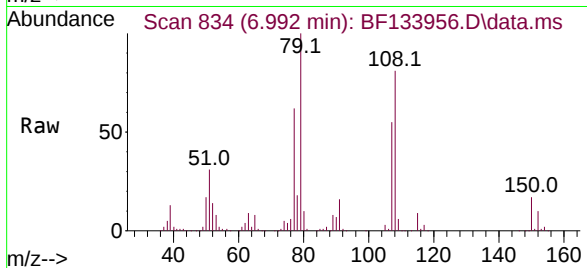
ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 148748
Ion Ratio Lower Upper
79 100
108 80.9 60.7 91.1
77 62.1 50.6 75.8

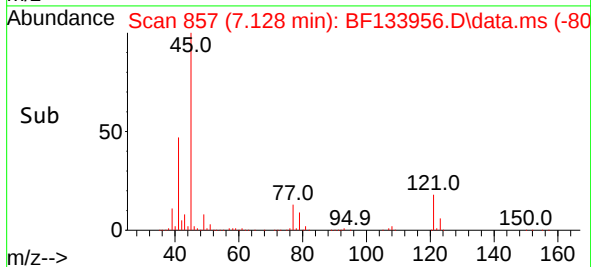
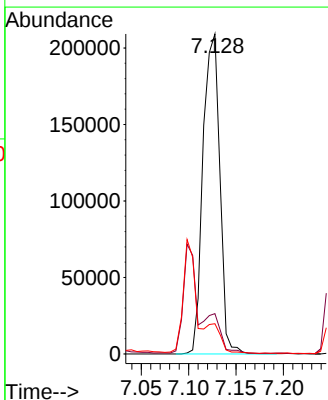
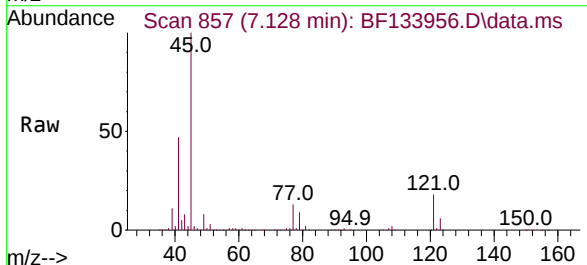
Manual Integrations
APPROVED

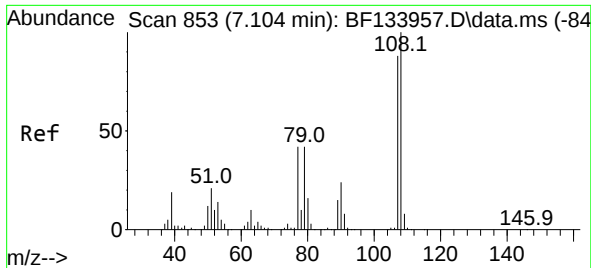
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.457 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion: 45 Resp: 256973
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.9
79 9.4 0.0 29.5





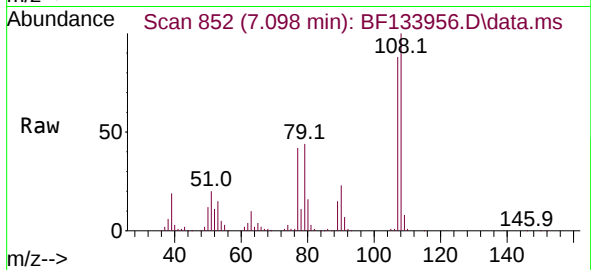
#17
2-Methylphenol
Concen: 21.620 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

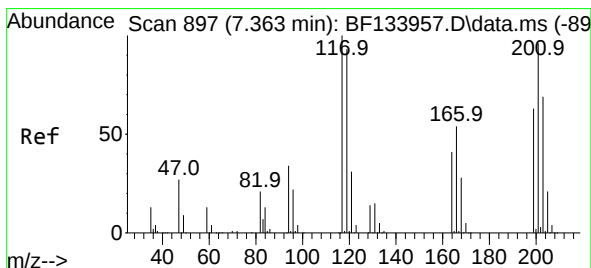
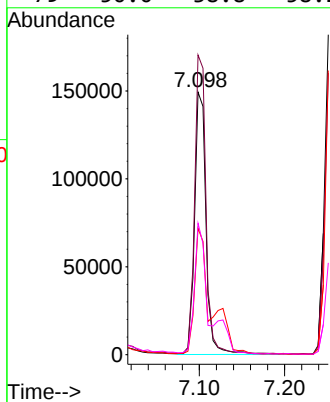
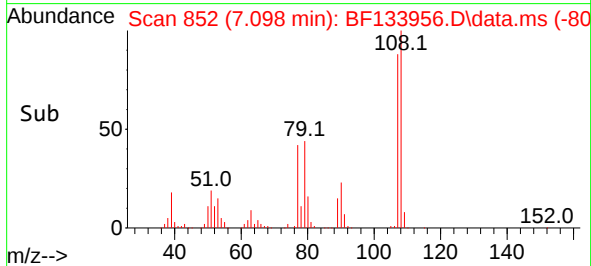


Tgt Ion:107 Resp: 13975
Ion Ratio Lower Upper
107 100
108 114.1 90.6 136.0
77 48.1 38.3 57.5
79 50.0 38.8 58.2

Manual Integrations

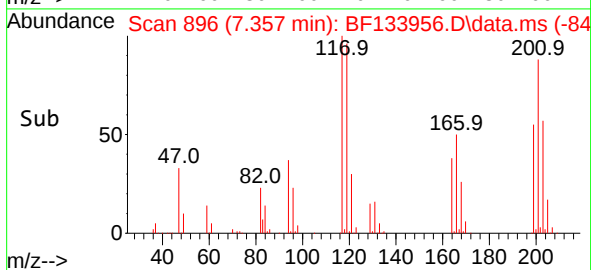
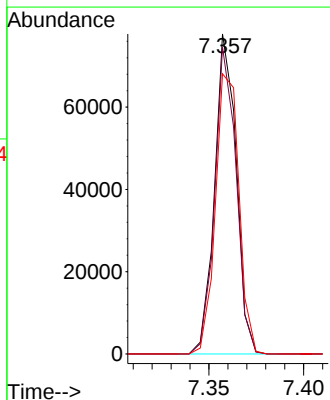
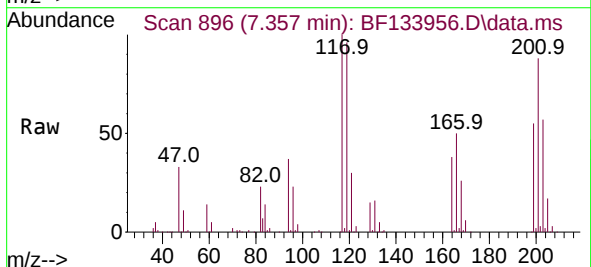
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#18
Hexachloroethane
Concen: 21.442 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:117 Resp: 61801
Ion Ratio Lower Upper
117 100
119 95.9 74.2 111.4
201 87.6 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 21.599 ng

RT: 7.257 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133956.D

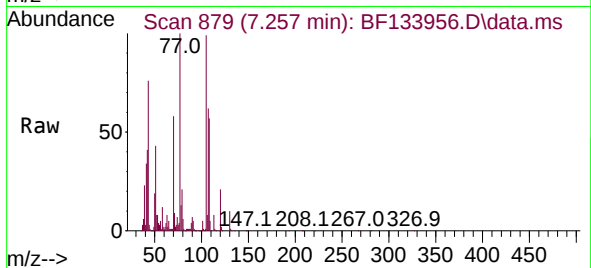
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 11979

Ion Ratio Lower Upper

70 100

42 70.2 54.7 82.1

101 9.3 7.7 11.5

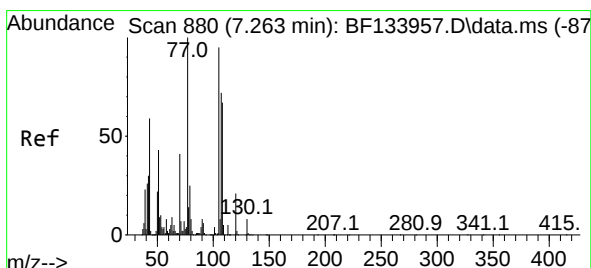
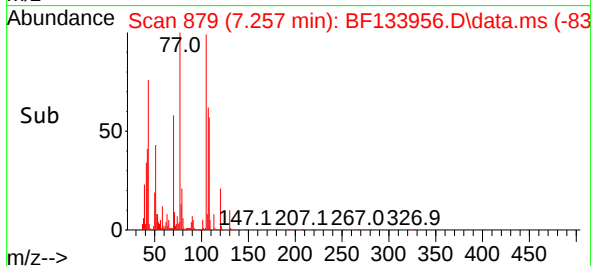
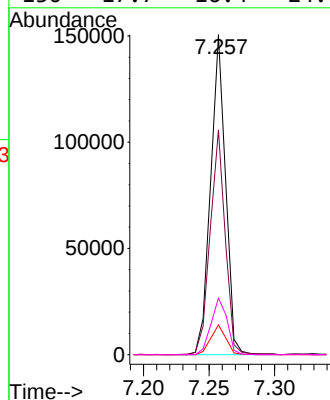
130 17.7 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#20

3+4-Methylphenols

Concen: 22.450 ng

RT: 7.251 min Scan# 878

Delta R.T. -0.012 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Tgt Ion:107 Resp: 176056

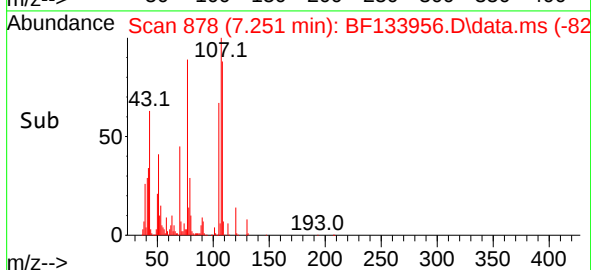
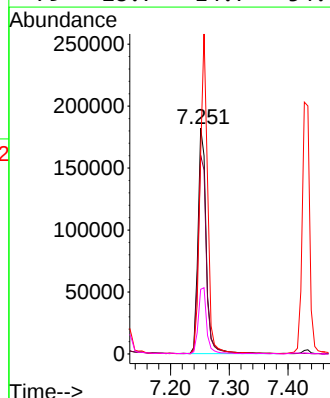
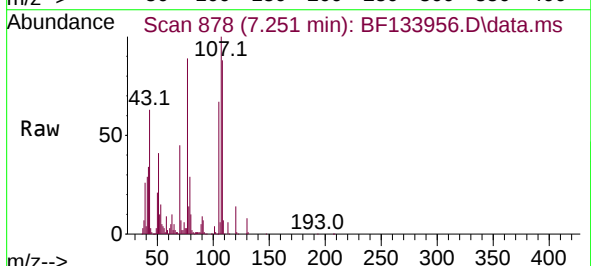
Ion Ratio Lower Upper

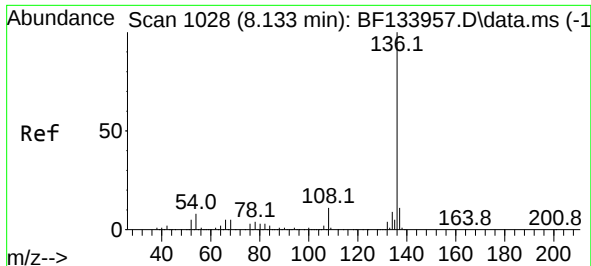
107 100

108 88.0 73.2 113.2

77 88.8 118.3 158.3

79 28.7 14.7 54.7





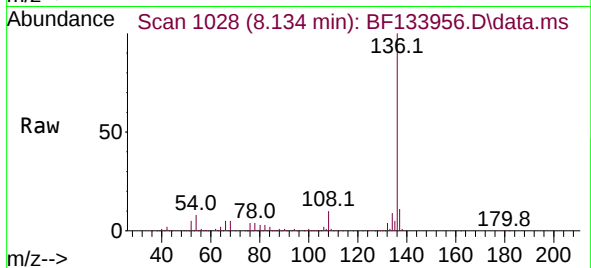
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

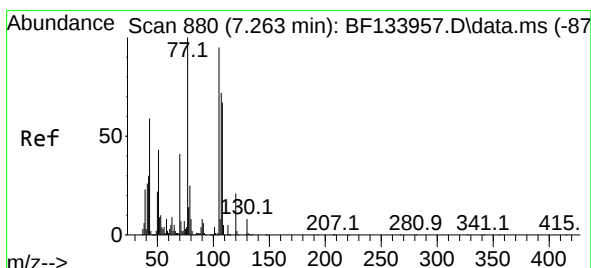
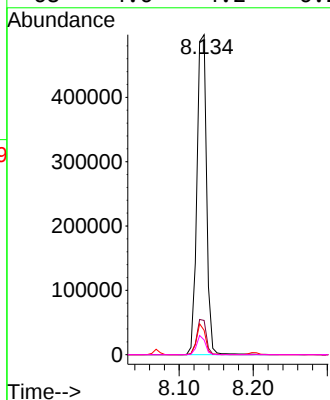
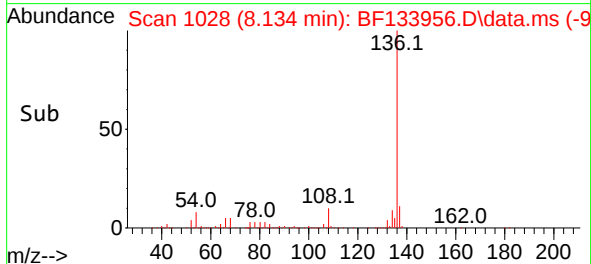


Tgt Ion:136 Resp: 447578
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.6 6.5 9.7
68 4.6 4.2 6.2

Manual Integrations

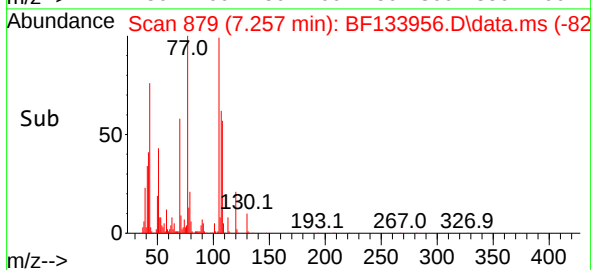
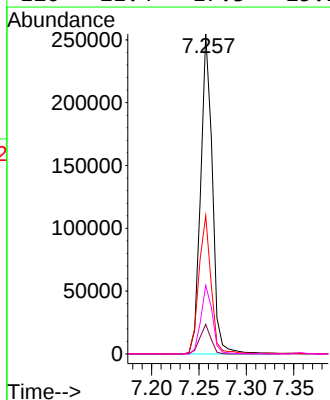
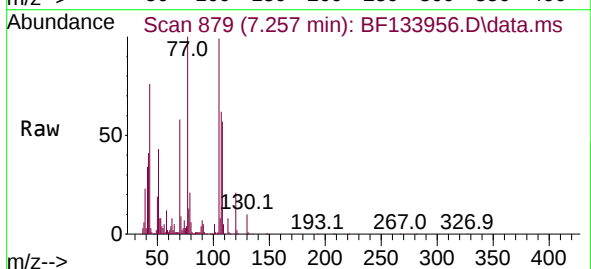
APPROVED

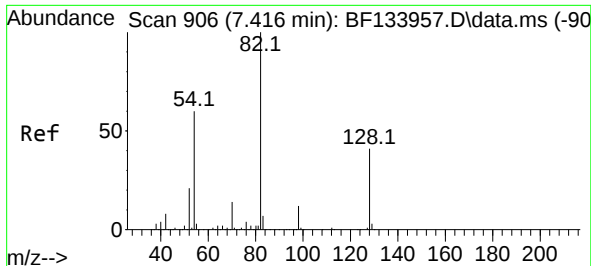
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#22
Acetophenone
Concen: 21.485 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:105 Resp: 218696
Ion Ratio Lower Upper
105 100
71 9.3 5.5 8.3#
51 43.2 36.5 54.7
120 21.4 17.3 25.9





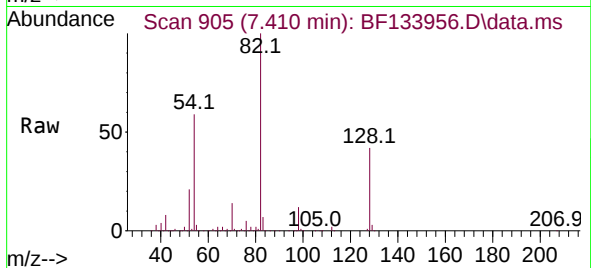
#23
Nitrobenzene-d5
Concen: 42.341 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

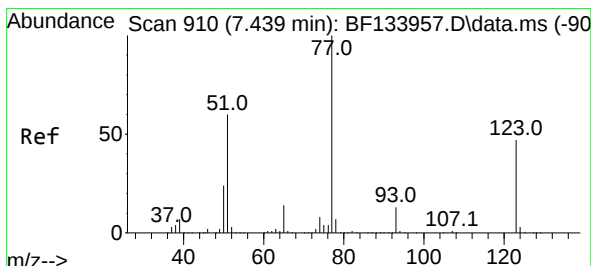
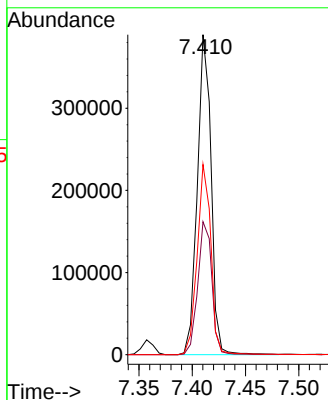
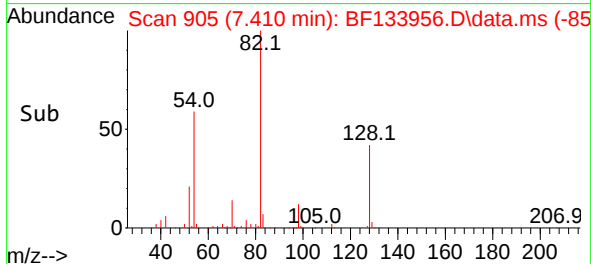
SSTDICC020



Tgt Ion: 82 Resp: 351562
Ion Ratio Lower Upper
82 100
128 41.6 32.5 48.7
54 59.5 48.2 72.2

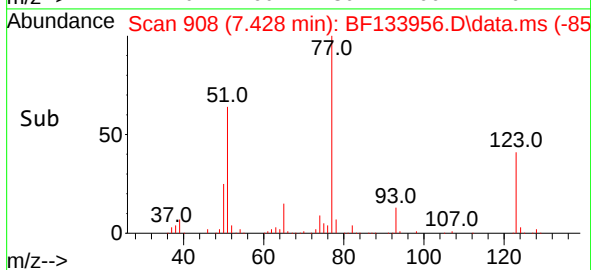
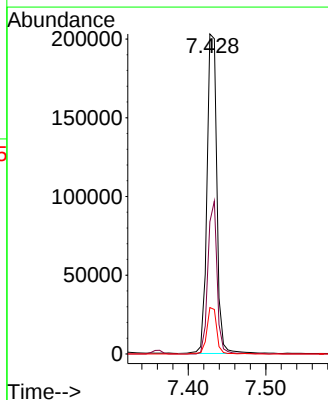
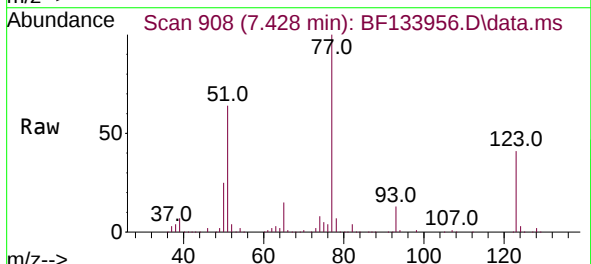
Manual Integrations
APPROVED

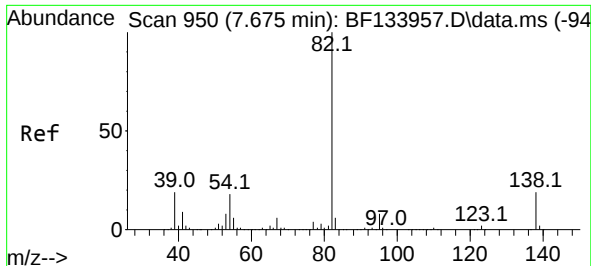
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#24
Nitrobenzene
Concen: 21.406 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

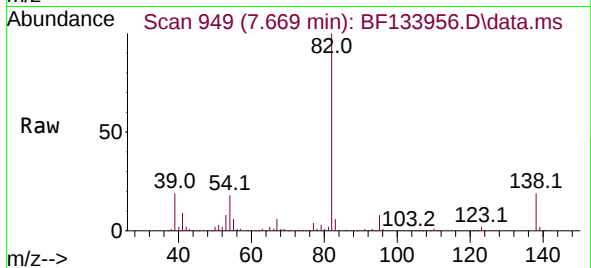
Tgt Ion: 77 Resp: 179609
Ion Ratio Lower Upper
77 100
123 41.3 37.8 56.6
65 14.5 11.3 16.9





#25
Isophorone
Concen: 20.803 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

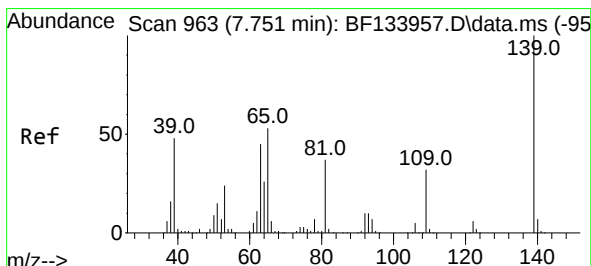
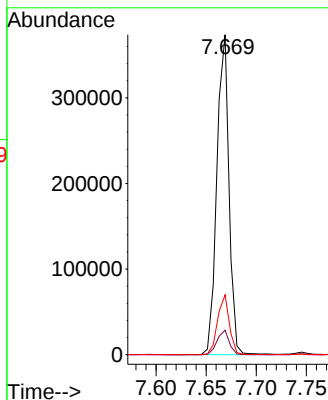
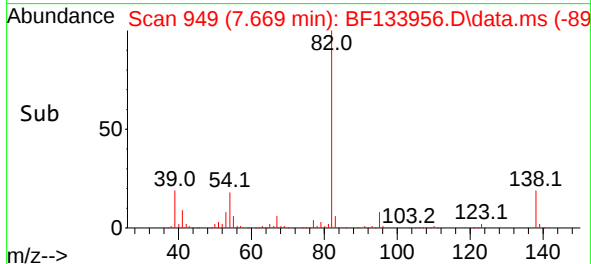
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 31392
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.7 15.2 22.8

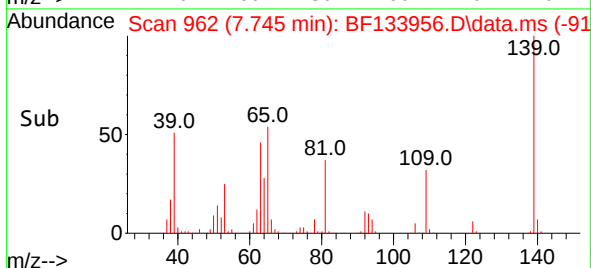
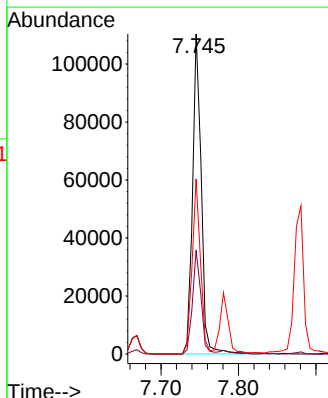
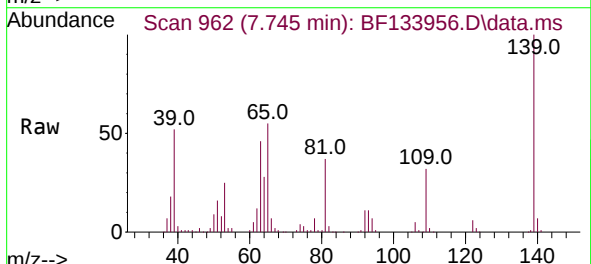
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#26
2-Nitrophenol
Concen: 21.477 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:139 Resp: 86446
Ion Ratio Lower Upper
139 100
109 32.4 25.8 38.8
65 54.7 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 21.429 ng
RT: 7.781 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

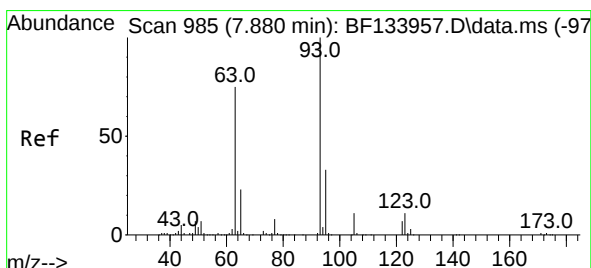
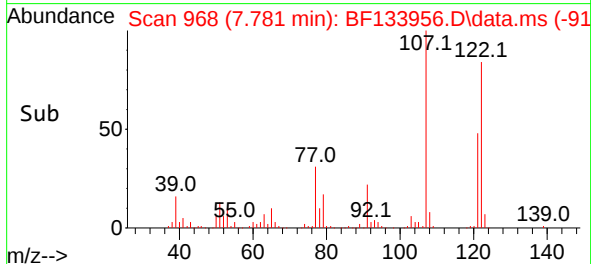
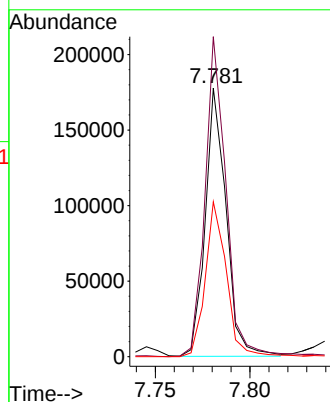
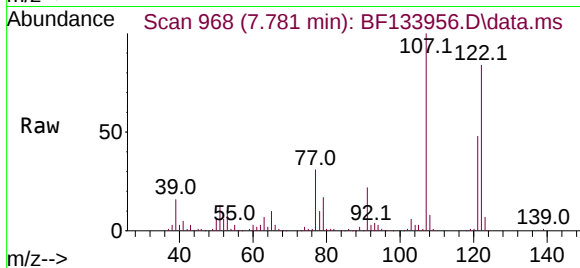
SSTDICC020

Tgt Ion:122 Resp: 13653
Ion Ratio Lower Upper
122 100
107 119.2 95.5 143.3
121 57.7 45.5 68.3

Manual Integrations

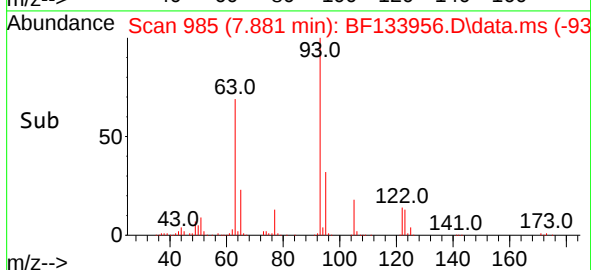
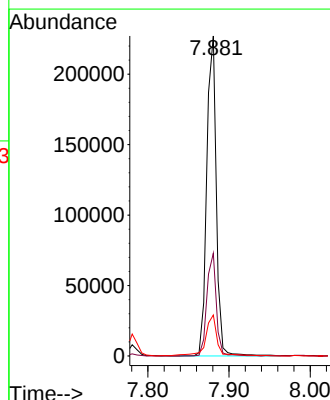
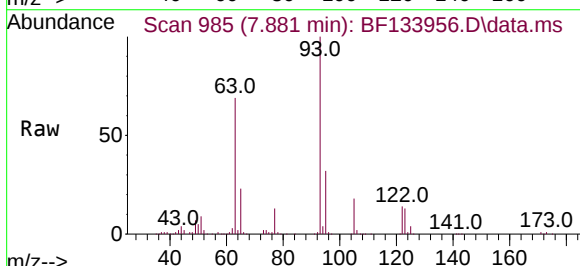
APPROVED

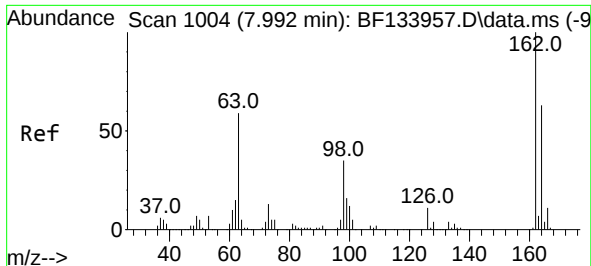
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 21.210 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion: 93 Resp: 185323
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 12.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 21.506 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF133956.D

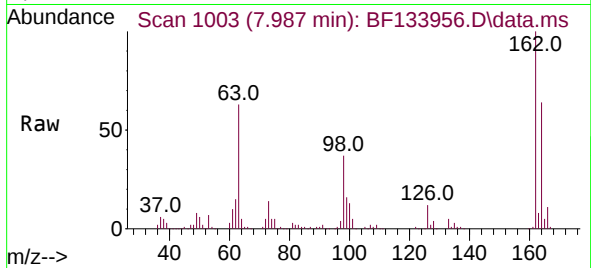
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 13587

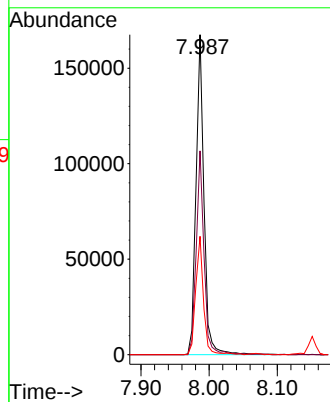
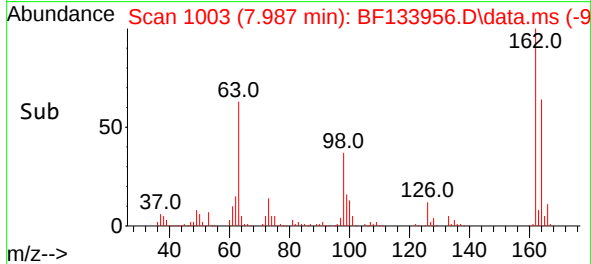
Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.2	83.2
98	37.0	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#30

1,2,4-Trichlorobenzene

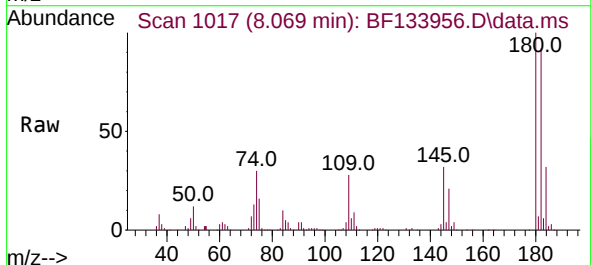
Concen: 21.366 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

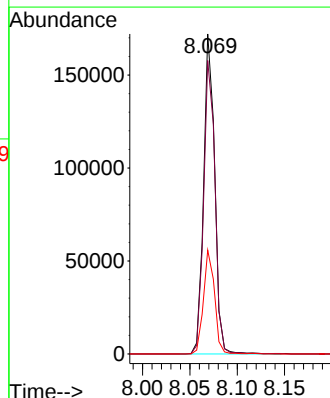
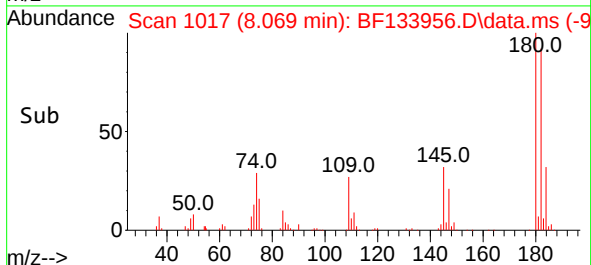
Lab File: BF133956.D

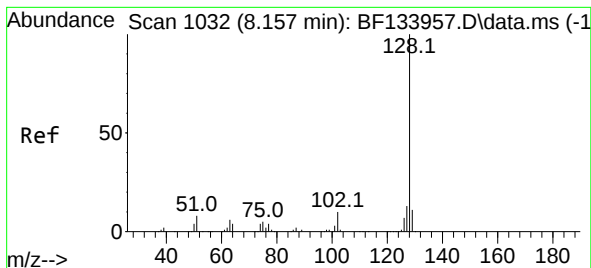
Acq: 26 Jun 2023 17:02



Tgt Ion:180 Resp: 139289

Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.1	115.7
145	32.4	26.0	39.0





#31

Naphthalene

Concen: 21.544 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

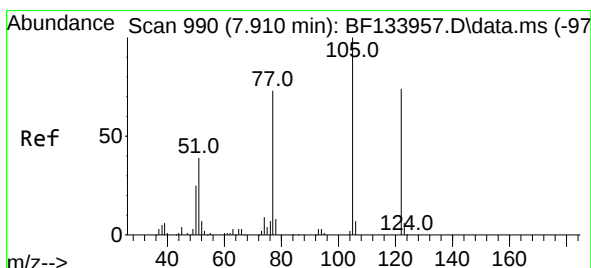
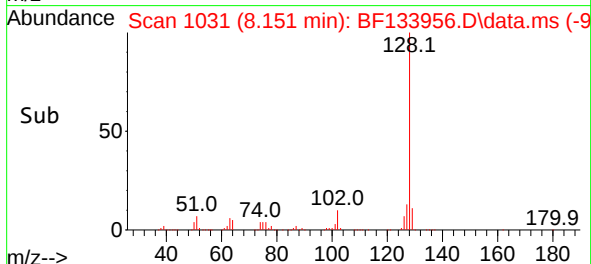
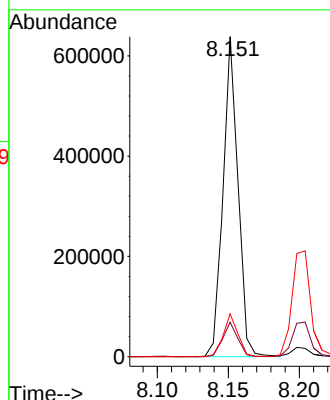
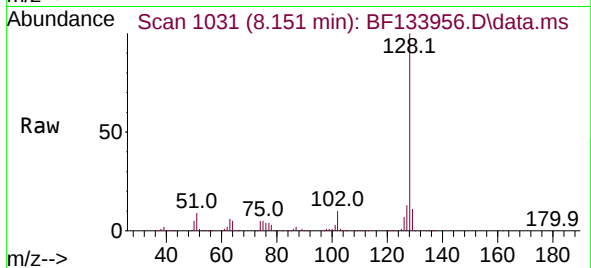
ClientSampleId :

SSTDICC020

Tgt Ion:128 Resp: 465759
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.7 13.1
 127 13.4 10.6 15.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/29/2023



#32

Benzoic acid

Concen: 22.191 ng m

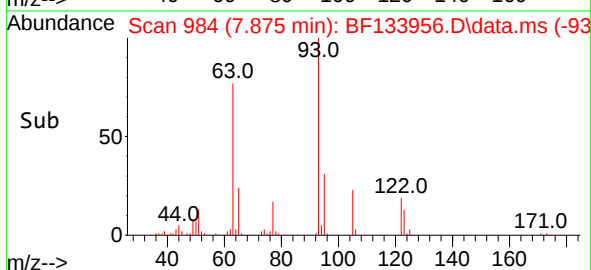
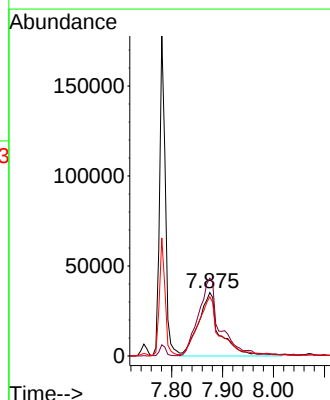
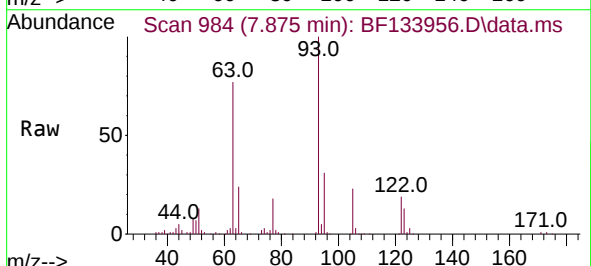
RT: 7.875 min Scan# 984

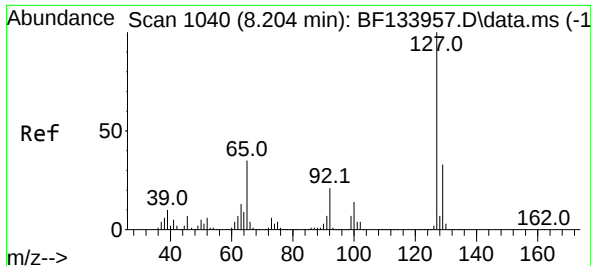
Delta R.T. -0.035 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Tgt Ion:122 Resp: 103895
 Ion Ratio Lower Upper
 122 100
 105 122.7 109.7 149.7
 77 93.3 76.0 116.0





#33
4-Chloroaniline
Concen: 21.426 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

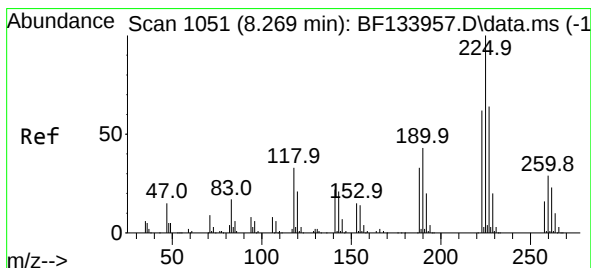
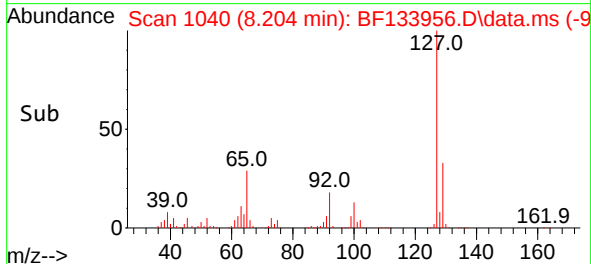
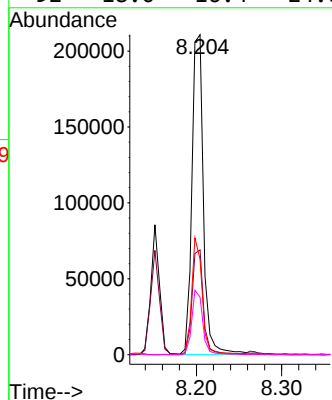
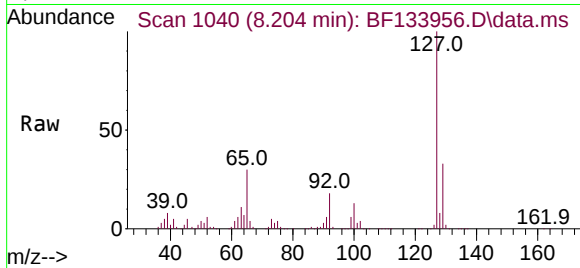
ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 19815
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6
65 29.8 27.8 41.8
92 18.0 16.4 24.6

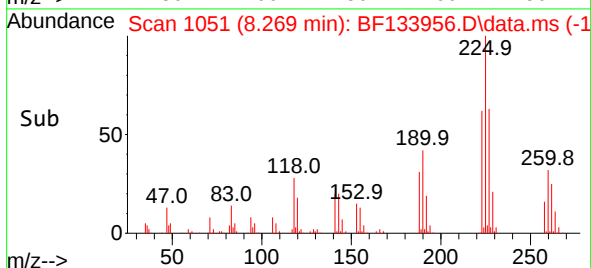
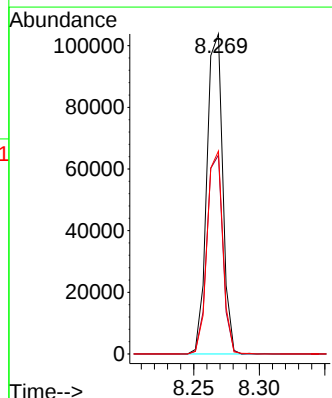
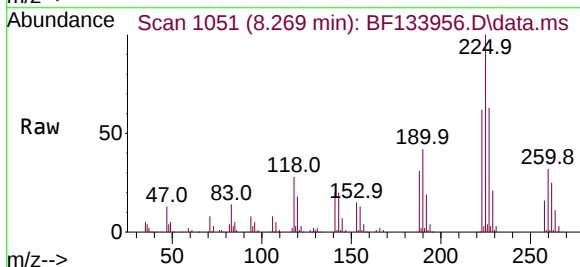
Manual Integrations
APPROVED

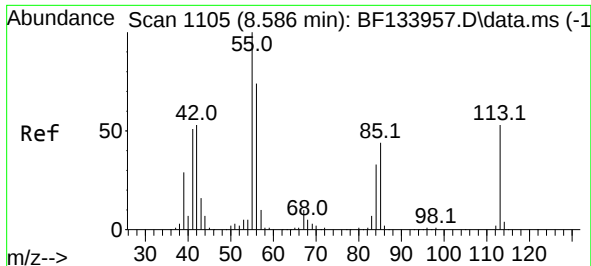
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#34
Hexachlorobutadiene
Concen: 21.276 ng
RT: 8.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:225 Resp: 87494
Ion Ratio Lower Upper
225 100
223 62.2 49.8 74.8
227 63.4 51.0 76.4





#35
Caprolactam
Concen: 20.848 ng
RT: 8.563 min Scan# 1105
Delta R.T. -0.023 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

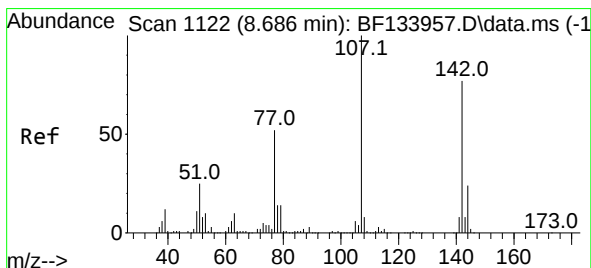
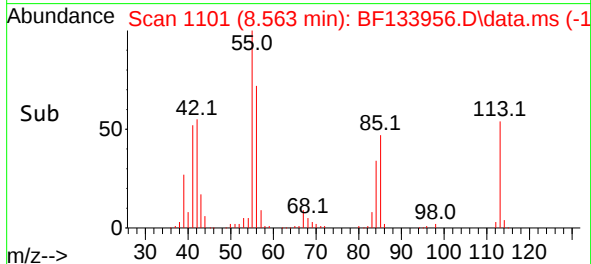
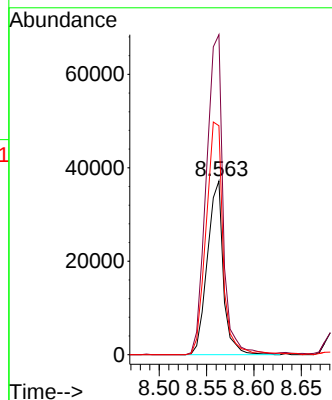
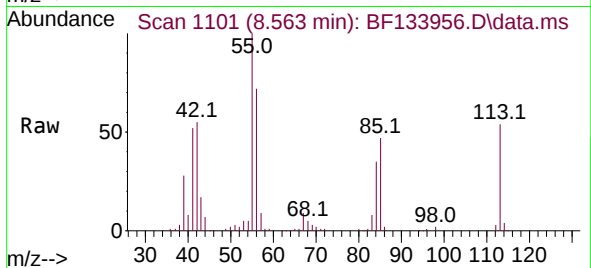
SSTDICC020

Tgt Ion:113 Resp: 43370
Ion Ratio Lower Upper
113 100
55 184.3 170.2 210.2
56 131.9 121.4 161.4

Manual Integrations

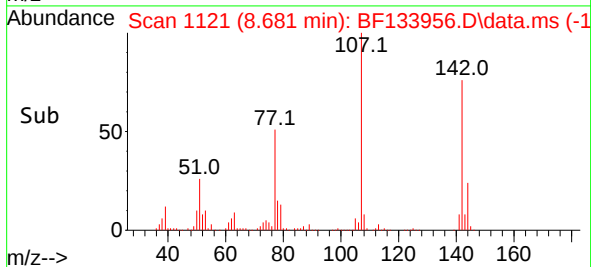
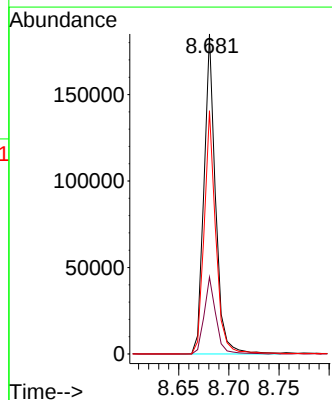
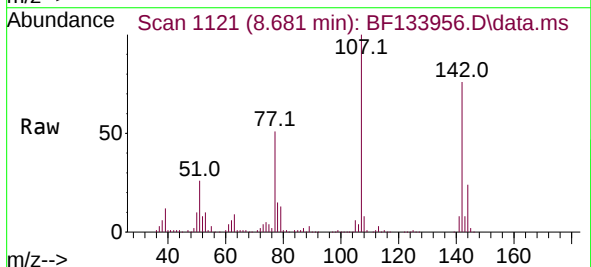
APPROVED

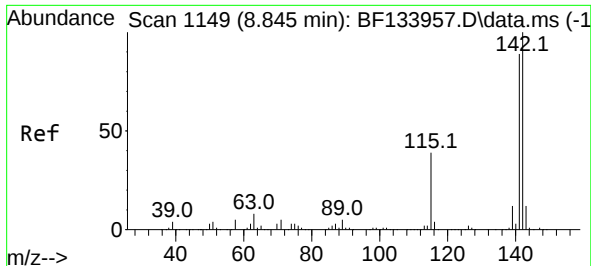
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#36
4-Chloro-3-methylphenol
Concen: 21.014 ng
RT: 8.681 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:107 Resp: 149145
Ion Ratio Lower Upper
107 100
144 24.0 19.6 29.4
142 76.0 61.4 92.2





#37

2-Methylnaphthalene

Concen: 21.423 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 327520

Ion Ratio Lower Upper

142 100

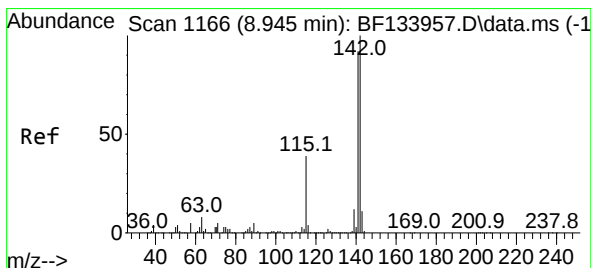
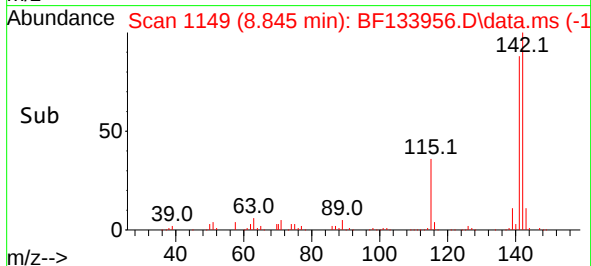
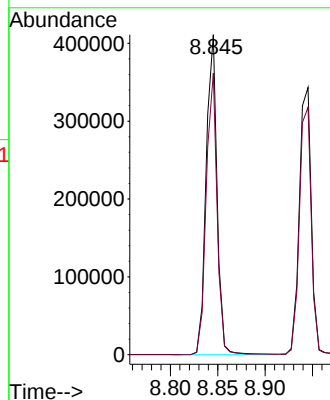
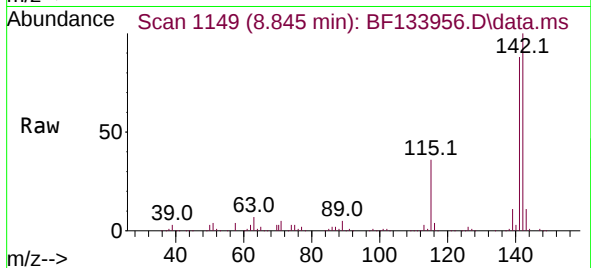
141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#38

1-Methylnaphthalene

Concen: 21.168 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF133956.D

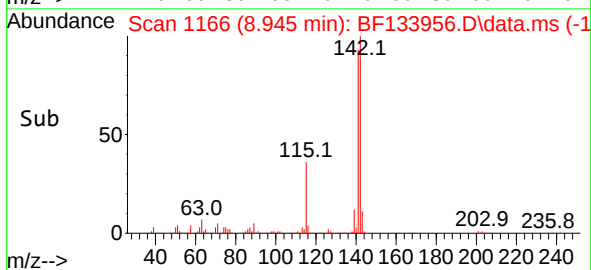
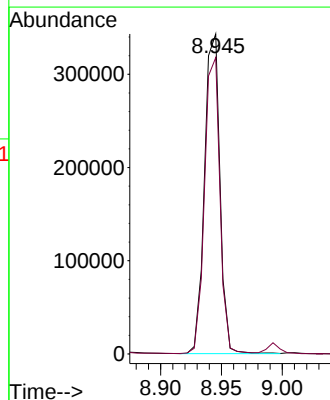
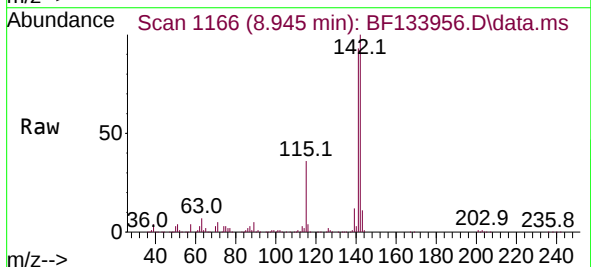
Acq: 26 Jun 2023 17:02

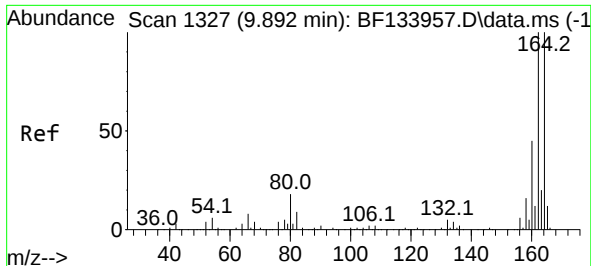
Tgt Ion:142 Resp: 300849

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133956.D

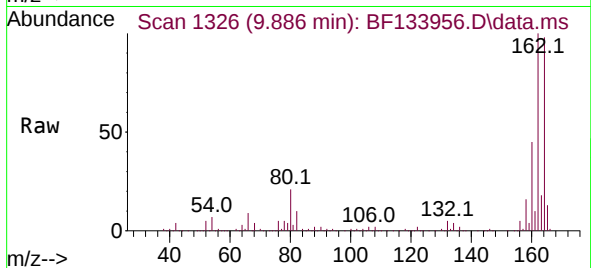
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 229018

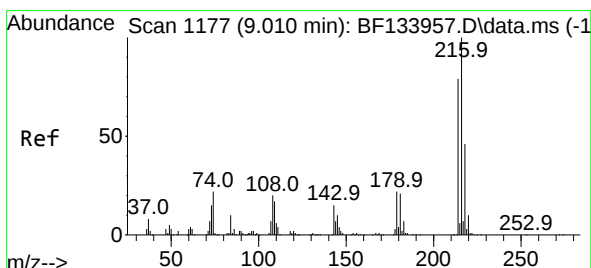
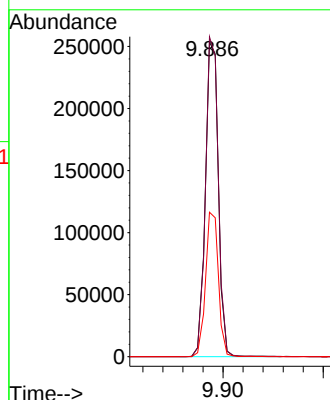
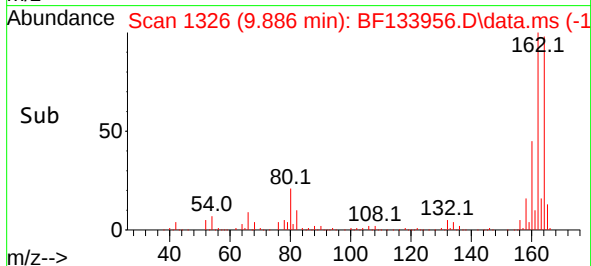
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.0	120.0
160	45.9	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#40

1,2,4,5-Tetrachlorobenzene

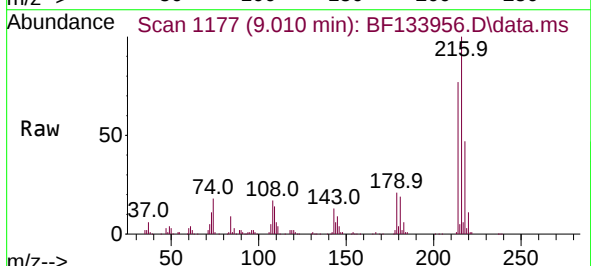
Concen: 21.411 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

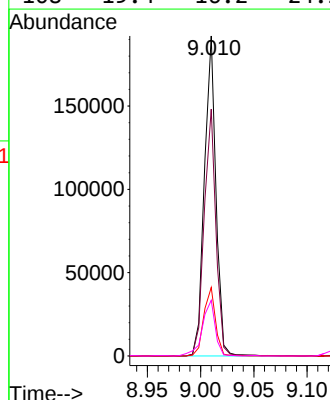
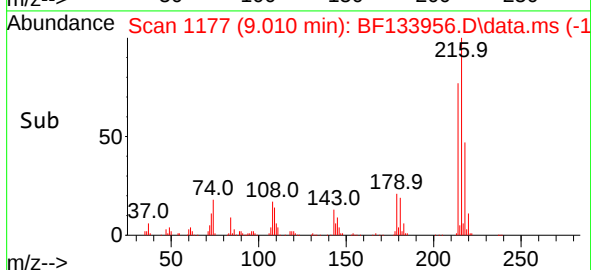
Lab File: BF133956.D

Acq: 26 Jun 2023 17:02



Tgt Ion:216 Resp: 145273

Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.1	96.1
179	21.8	17.3	25.9
108	19.4	16.2	24.2





#41
Hexachlorocyclopentadiene
Concen: 18.803 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

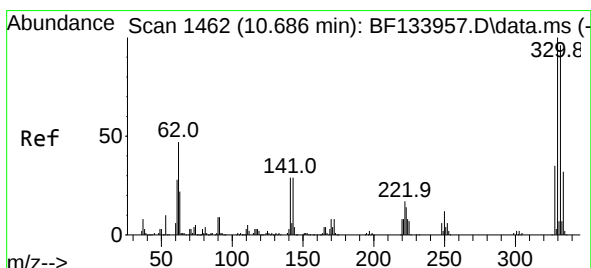
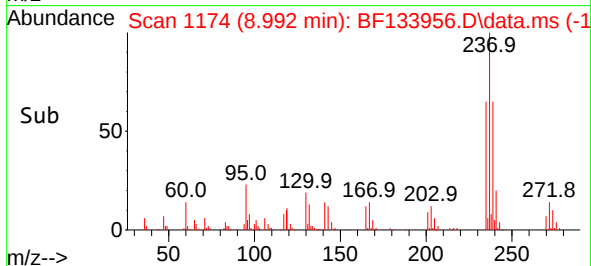
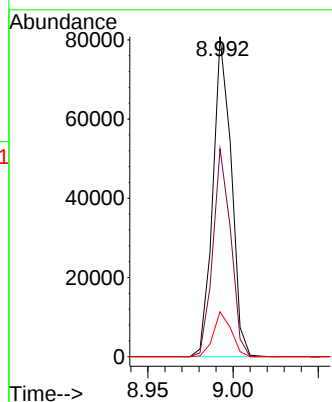
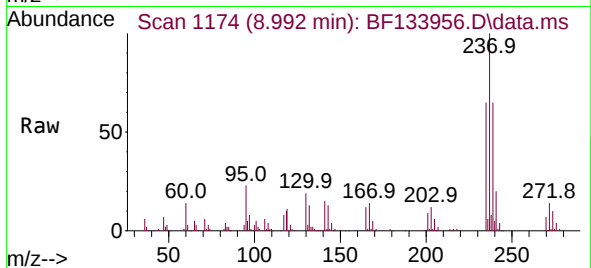
SSTDICC020

Tgt Ion:237 Resp: 6052
Ion Ratio Lower Upper
237 100
235 65.0 42.8 82.8
272 14.1 0.0 34.6

Manual Integrations

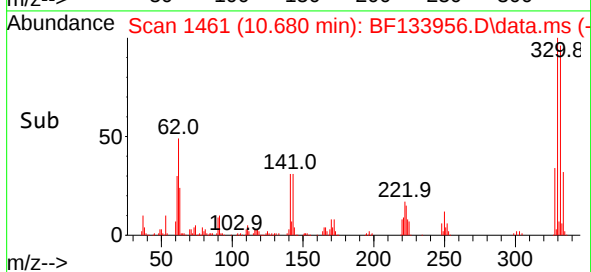
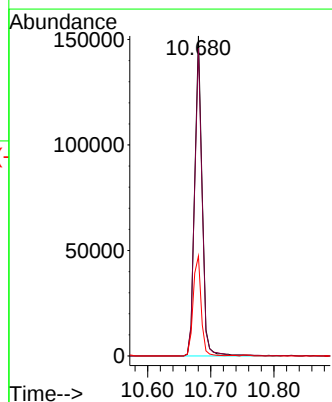
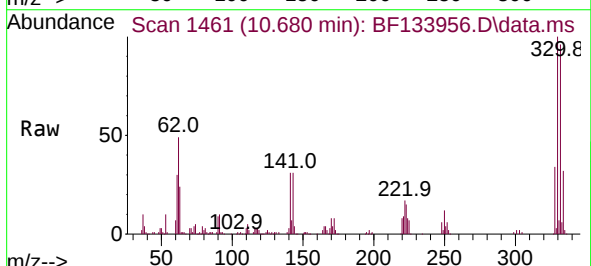
APPROVED

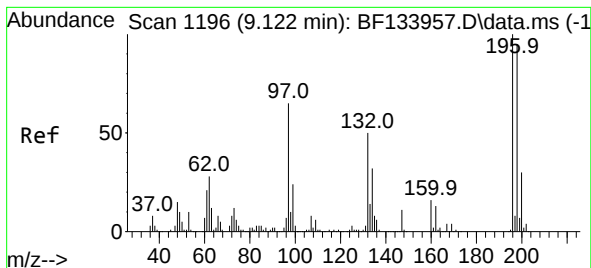
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#42
2,4,6-Tribromophenol
Concen: 43.107 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:330 Resp: 123779
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 33.6 26.3 39.5





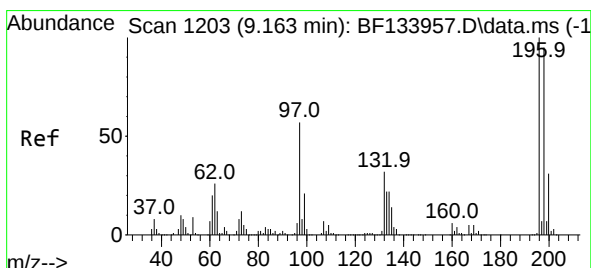
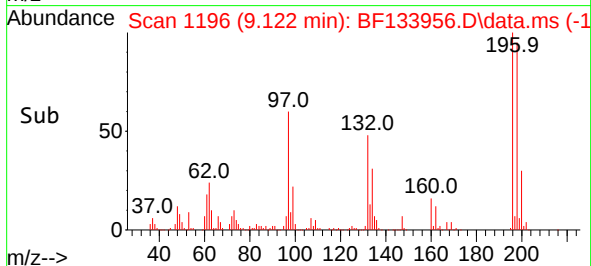
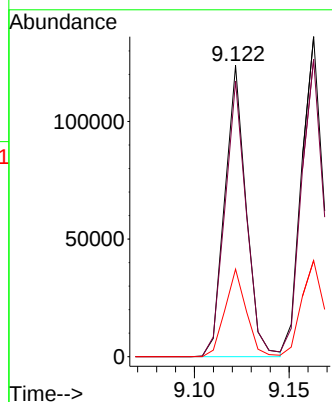
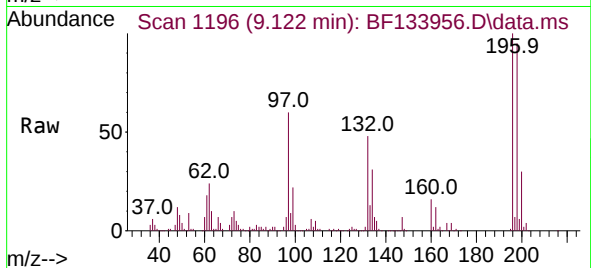
#43
2,4,6-Trichlorophenol
Concen: 20.952 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 96772
Ion Ratio Lower Upper
196 100
198 94.7 75.6 113.4
200 30.1 24.4 36.6

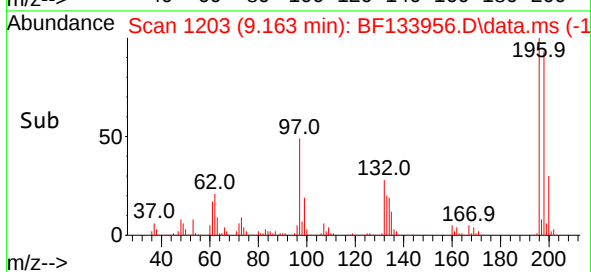
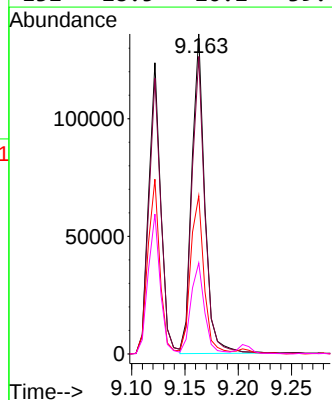
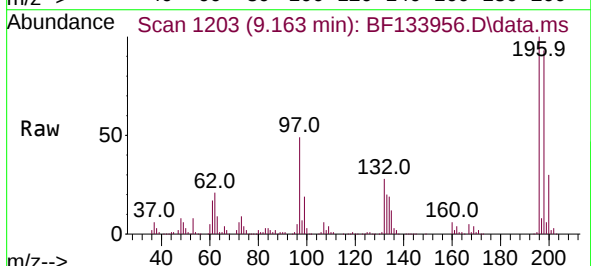
Manual Integrations
APPROVED

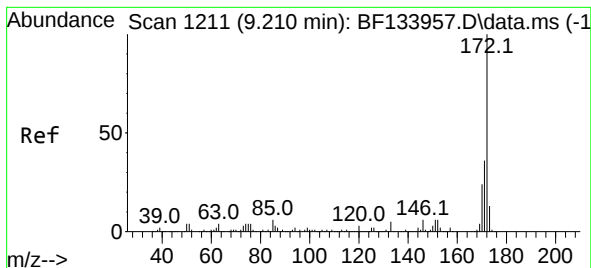
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#44
2,4,5-Trichlorophenol
Concen: 21.070 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:196 Resp: 114474
Ion Ratio Lower Upper
196 100
198 93.0 75.7 113.5
97 49.4 45.8 68.6
132 28.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 43.650 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 687572

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

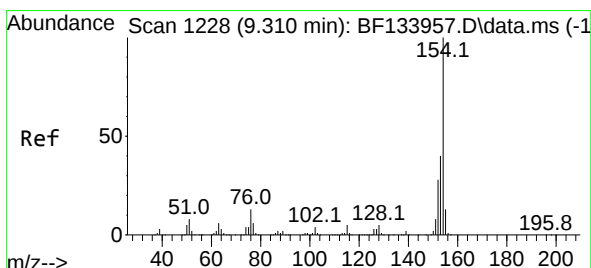
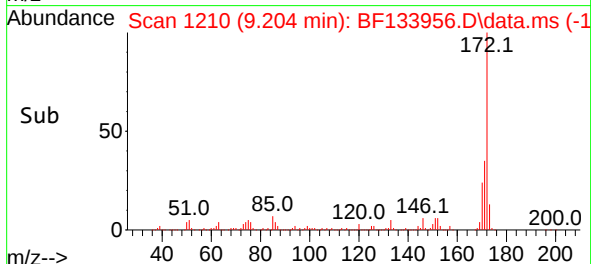
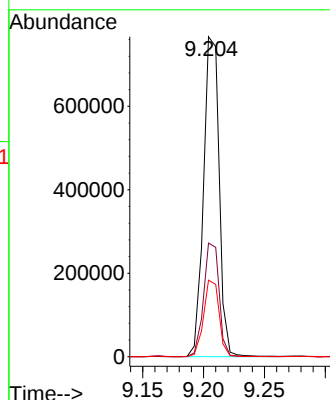
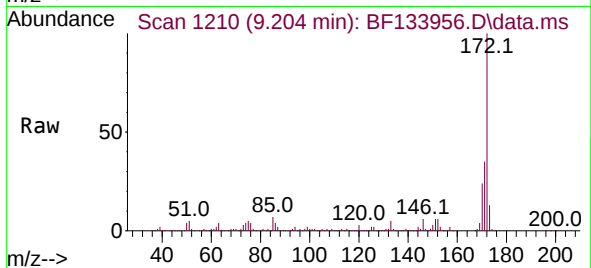
170 23.9 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#46

1,1'-Biphenyl

Concen: 21.313 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

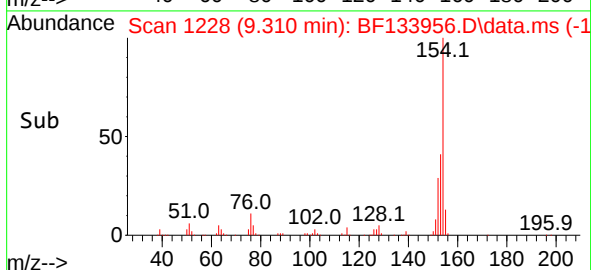
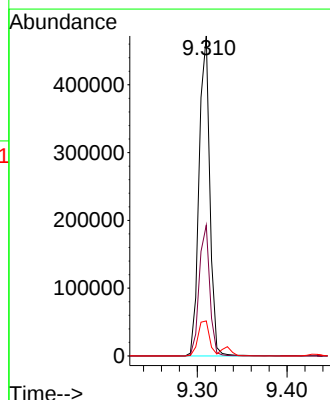
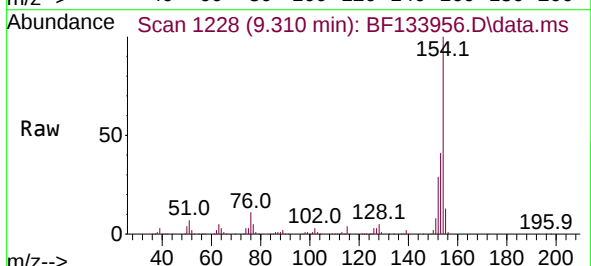
Tgt Ion:154 Resp: 391540

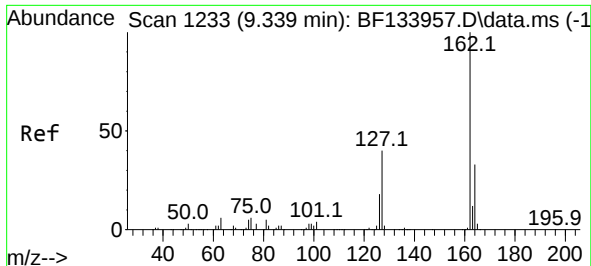
Ion Ratio Lower Upper

154 100

153 40.9 19.8 59.8

76 11.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 21.058 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

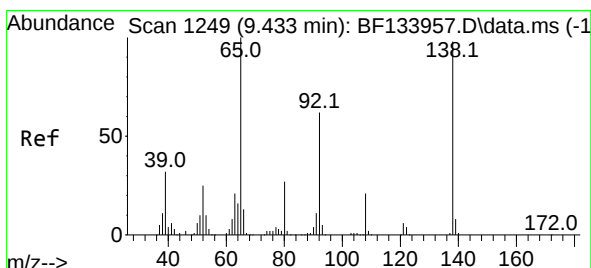
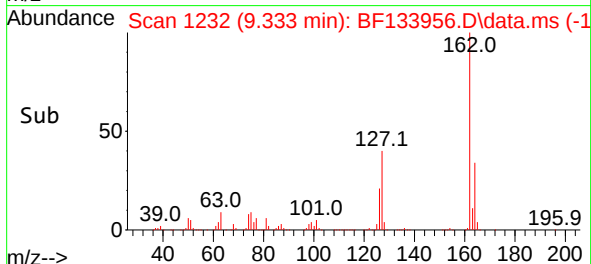
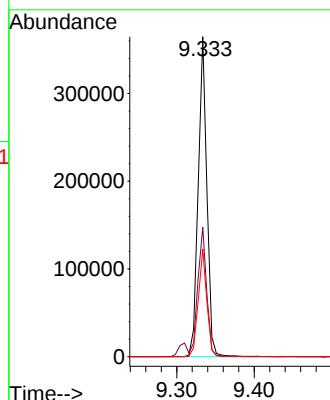
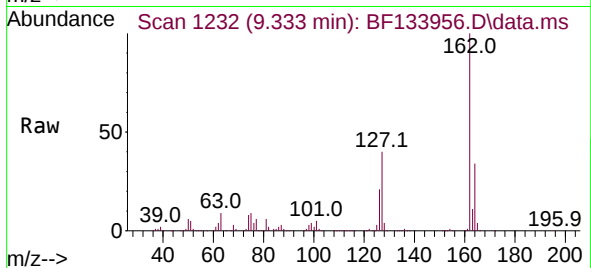
SSTDICC020

Tgt Ion:162 Resp: 28305
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.9 49.3
 164 33.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/29/2023



#48

2-Nitroaniline

Concen: 21.123 ng

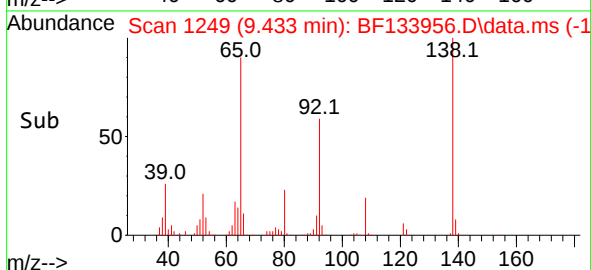
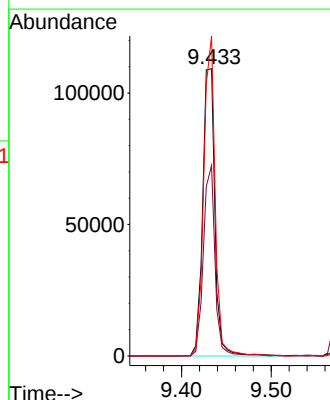
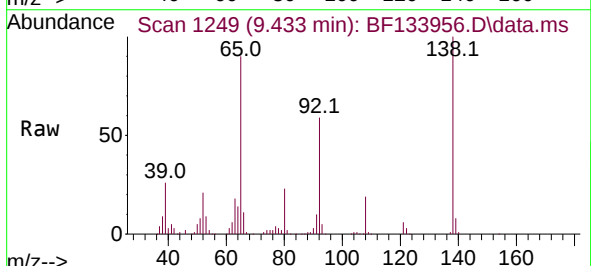
RT: 9.433 min Scan# 1249

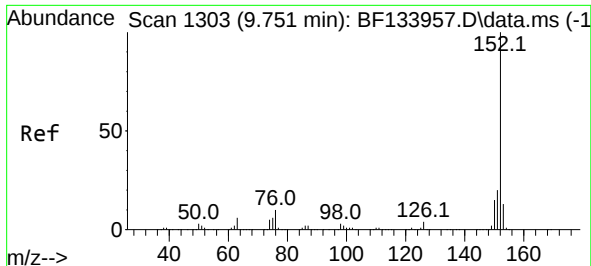
Delta R.T. 0.000 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Tgt Ion: 65 Resp: 103475
 Ion Ratio Lower Upper
 65 100
 92 66.3 49.5 74.3
 138 111.4 78.0 117.0





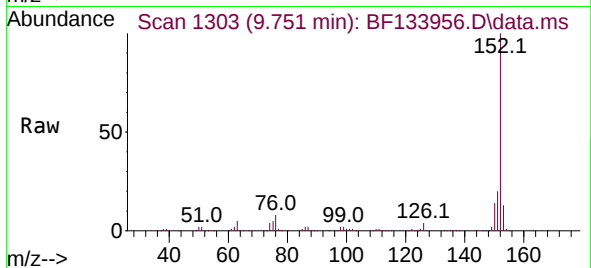
#49
Acenaphthylene
Concen: 21.652 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

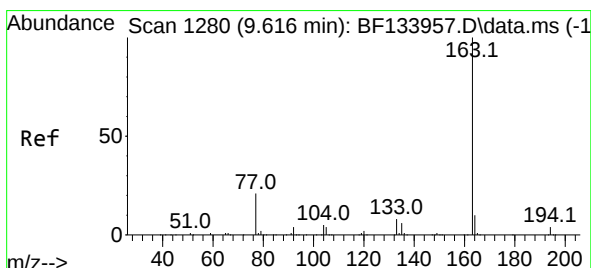
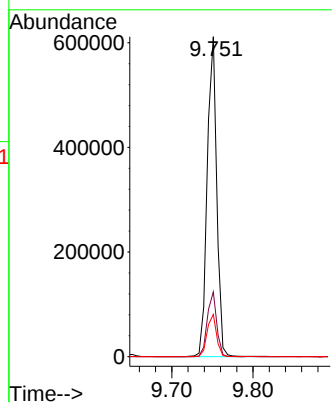
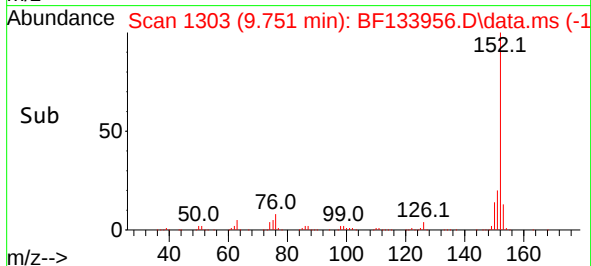


Tgt Ion:152 Resp: 497160
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.8 16.2

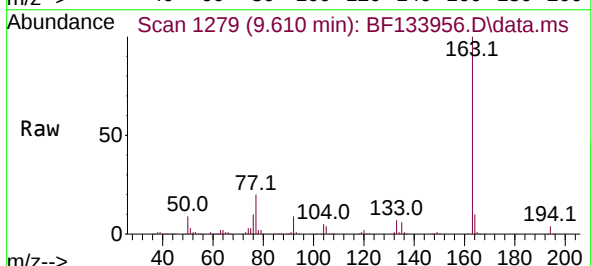
Manual Integrations

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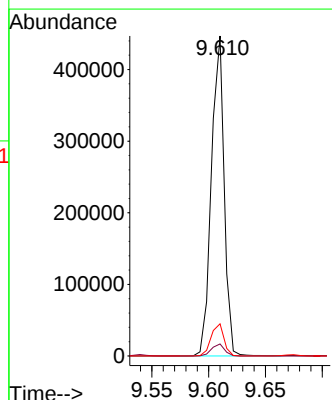
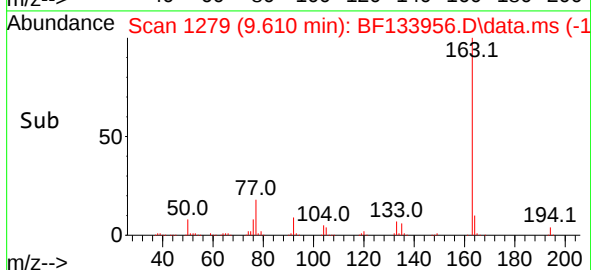
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

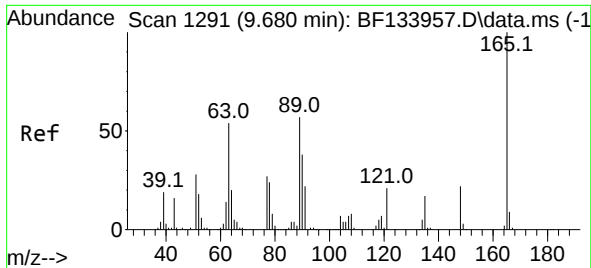


#50
Dimethylphthalate
Concen: 20.969 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



Tgt Ion:163 Resp: 348595
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 21.057 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

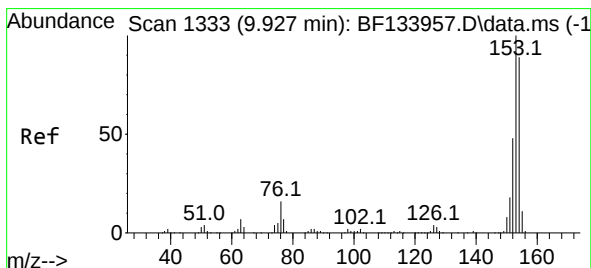
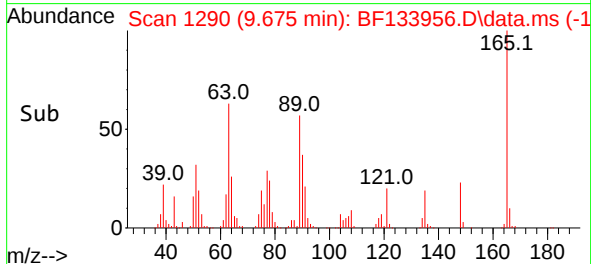
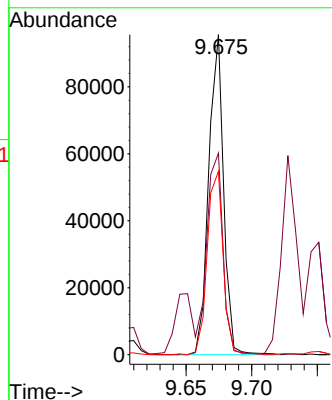
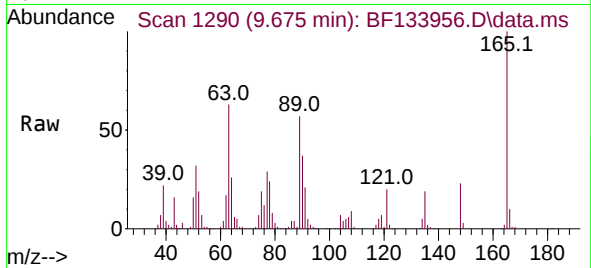
SSTDICC020

Tgt Ion:165 Resp: 75398
Ion Ratio Lower Upper
165 100
63 63.0 48.5 72.7
89 57.3 45.5 68.3

Manual Integrations

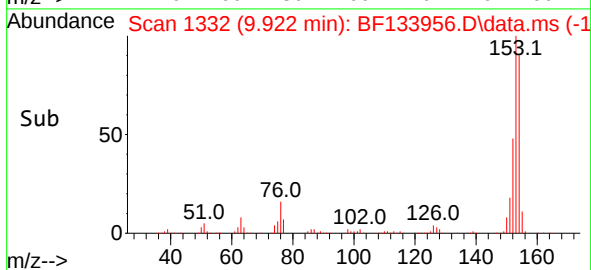
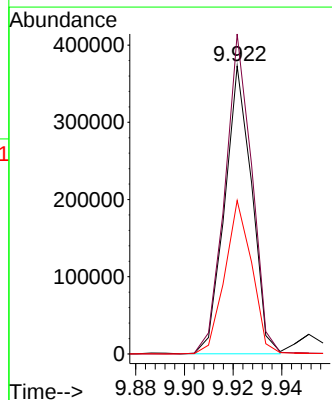
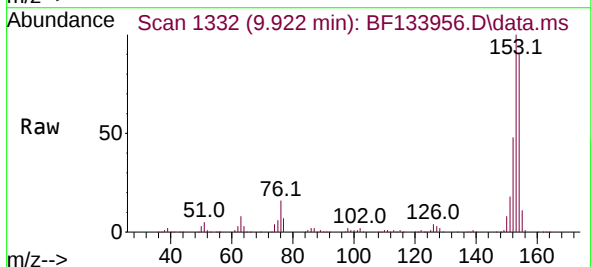
APPROVED

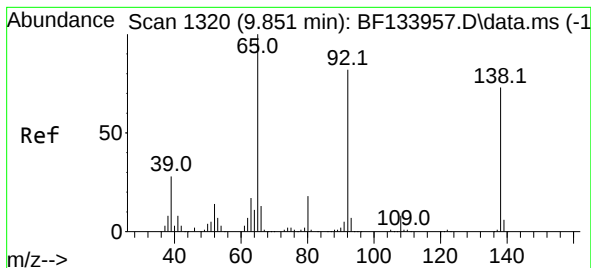
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#52
Acenaphthene
Concen: 21.526 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:154 Resp: 286795
Ion Ratio Lower Upper
154 100
153 111.1 89.4 134.2
152 53.3 42.8 64.2





#53

3-Nitroaniline

Concen: 21.563 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

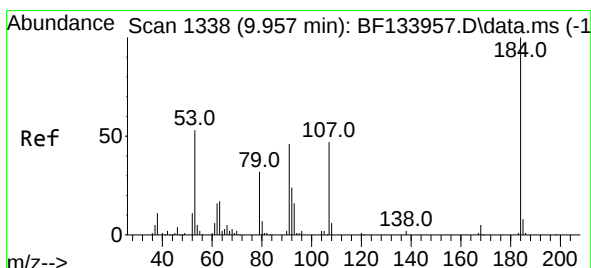
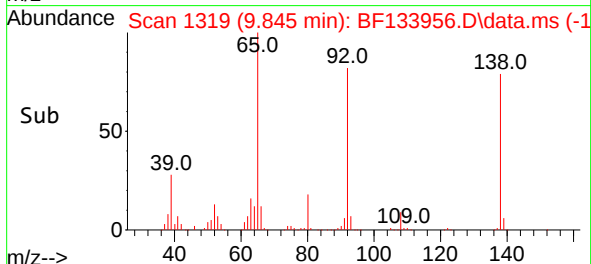
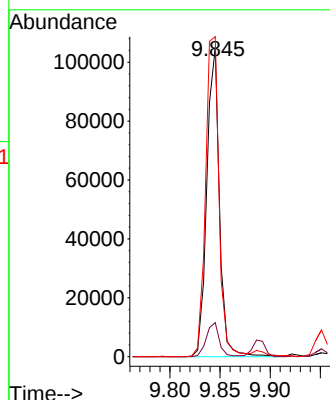
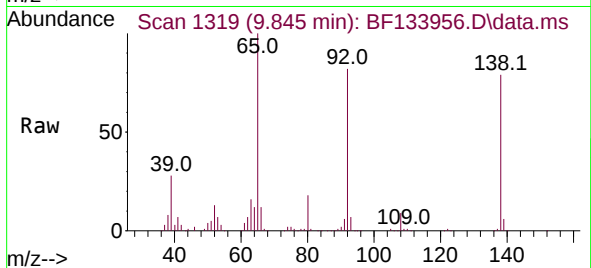
Tgt Ion:138 Resp: 92620
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.4 12.6
 92 103.6 90.1 135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#54

2,4-Dinitrophenol

Concen: 19.377 ng

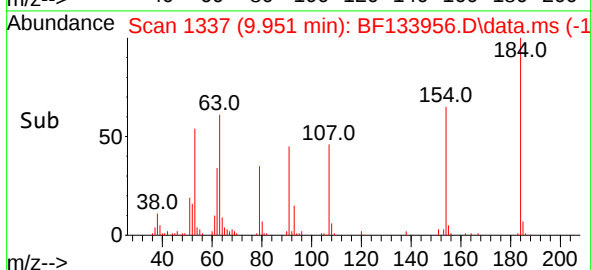
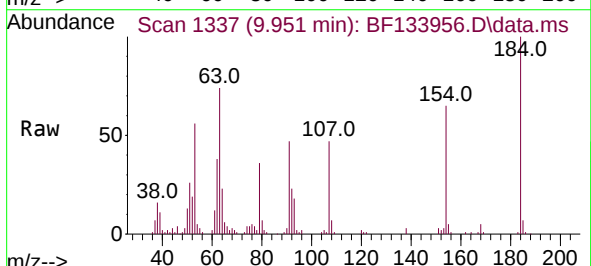
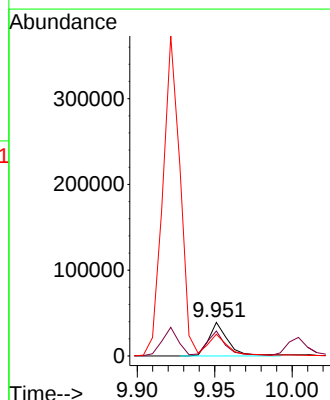
RT: 9.951 min Scan# 1337

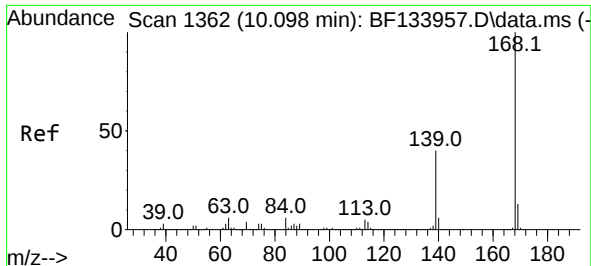
Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

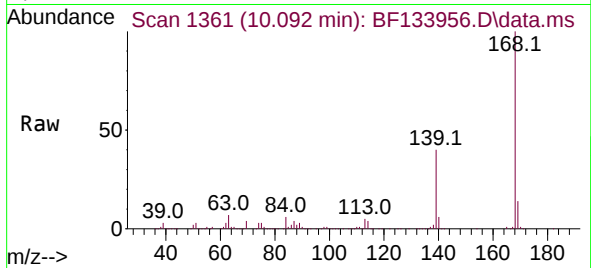
Tgt Ion:184 Resp: 33707
 Ion Ratio Lower Upper
 184 100
 63 74.3 56.9 85.3
 154 64.9 55.4 83.0





#55
Dibenzofuran
Concen: 21.562 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

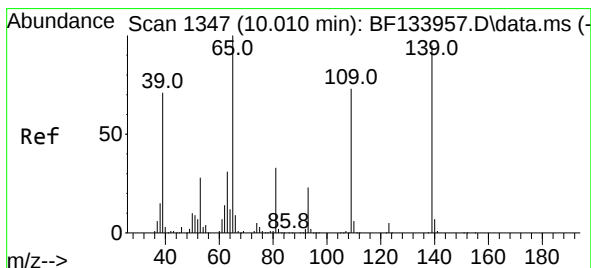
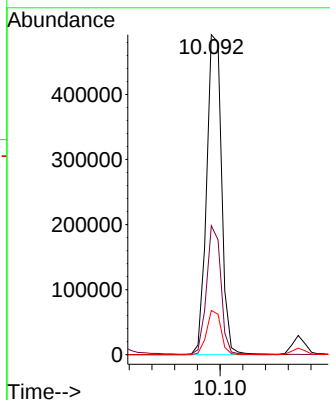
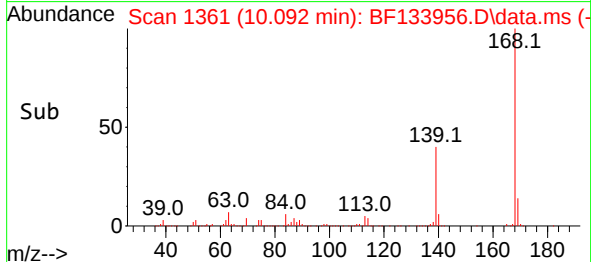
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 448972
Ion Ratio Lower Upper
168 100
139 40.3 32.0 48.0
169 13.8 10.6 16.0

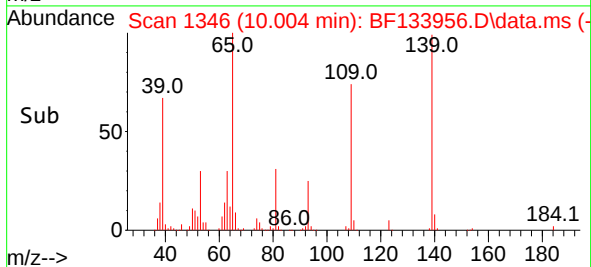
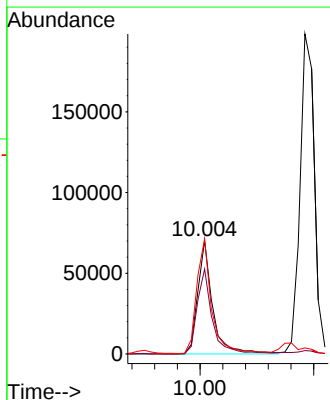
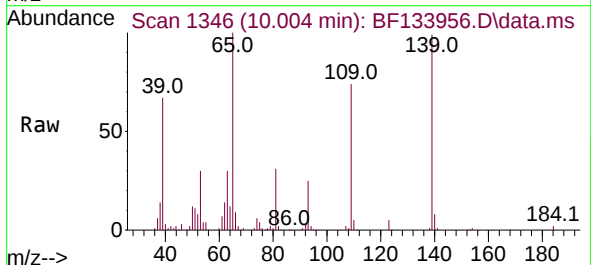
Manual Integrations
APPROVED

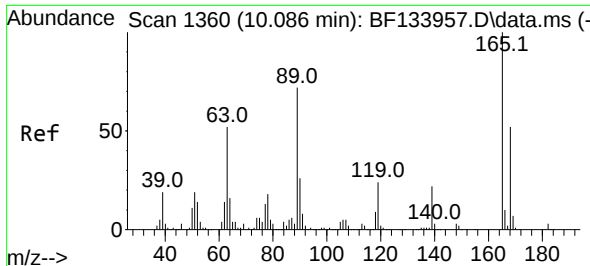
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#56
4-Nitrophenol
Concen: 21.310 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:139 Resp: 64029
Ion Ratio Lower Upper
139 100
109 74.9 56.8 96.8
65 101.5 86.1 126.1





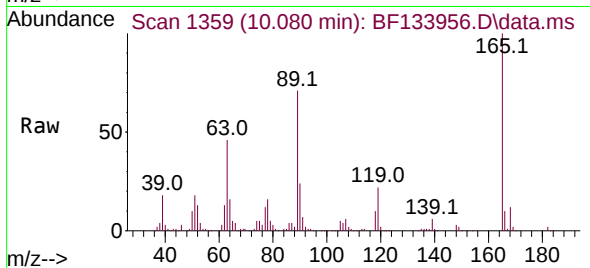
#57
2,4-Dinitrotoluene
Concen: 21.787 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

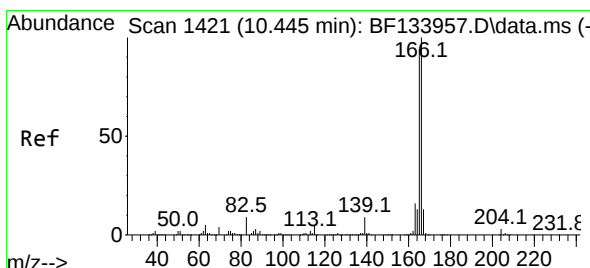
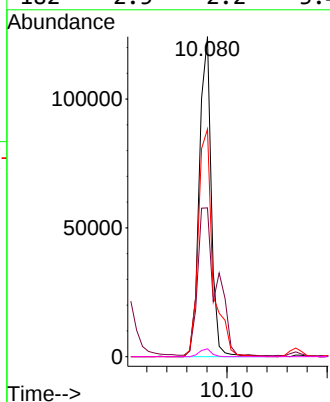
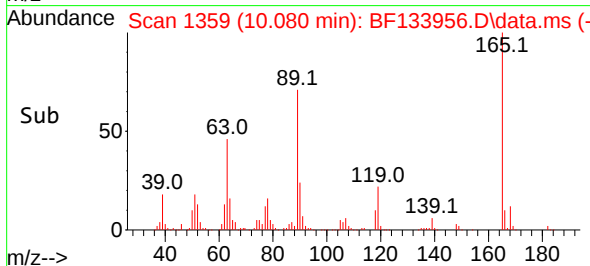


Tgt Ion:165 Resp: 103024
Ion Ratio Lower Upper
165 100
63 46.5 42.2 63.2
89 71.1 57.4 86.2
182 2.5 2.2 3.4

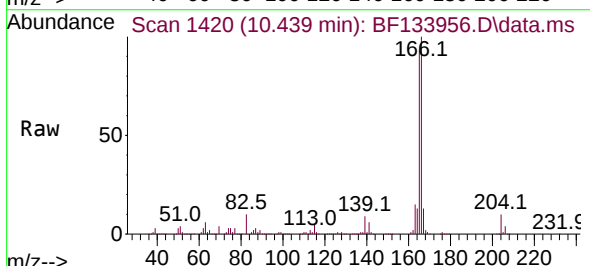
Manual Integrations

APPROVED

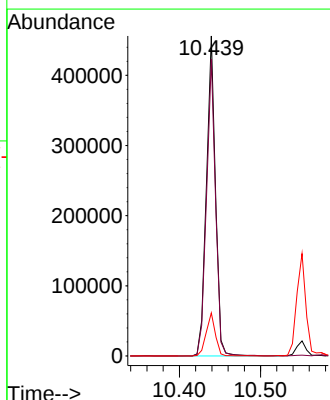
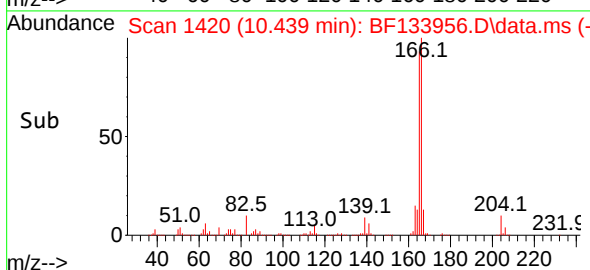
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

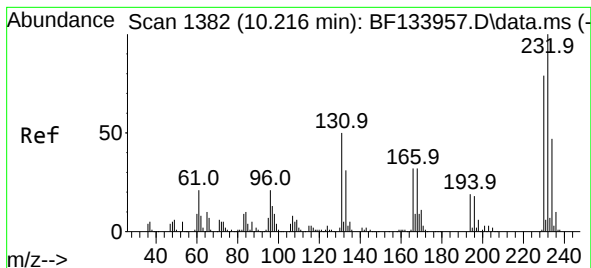


#58
Fluorene
Concen: 21.783 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



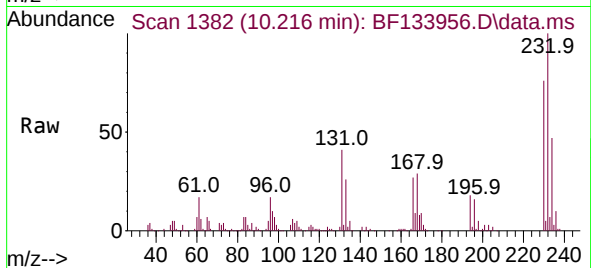
Tgt Ion:166 Resp: 352872
Ion Ratio Lower Upper
166 100
165 92.8 75.0 112.4
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

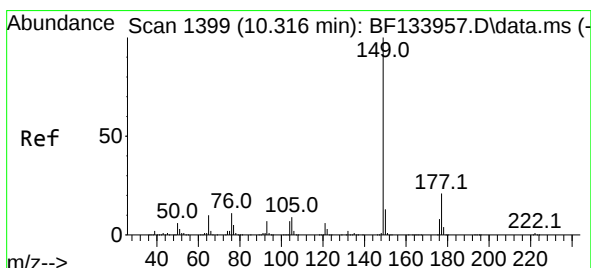
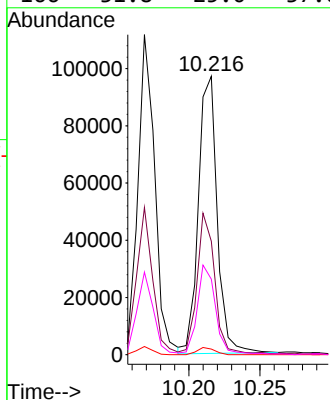
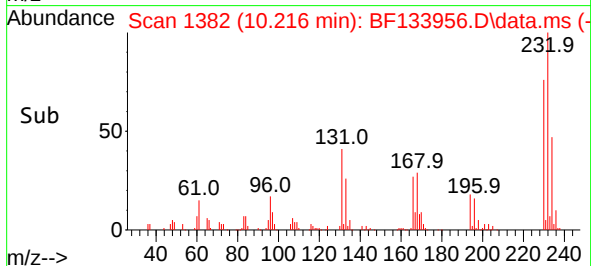
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



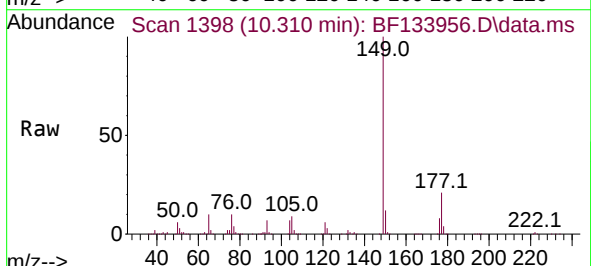
Tgt Ion:232 Resp: 89394
Ion Ratio Lower Upper
232 100
131 48.5 39.3 58.9
130 2.4 1.8 2.6
166 31.8 25.0 37.6

Manual Integrations
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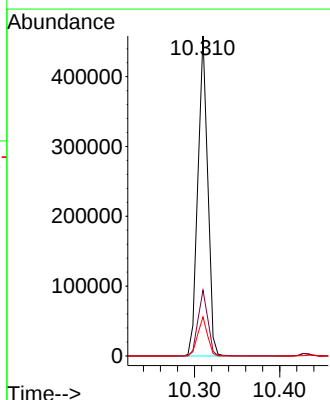
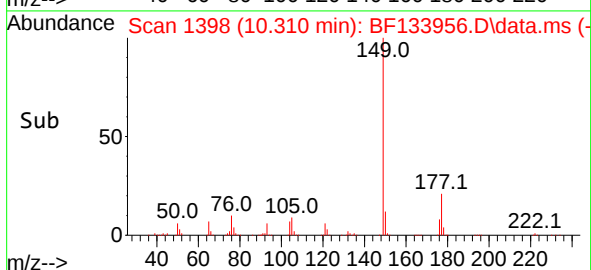
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

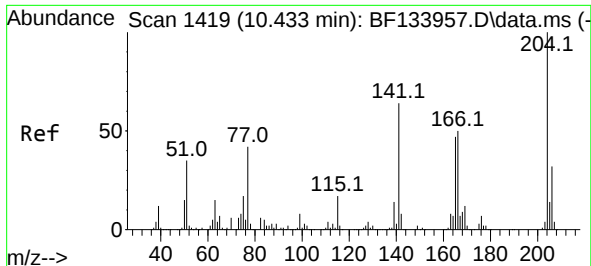


#60
Diethylphthalate
Concen: 21.309 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



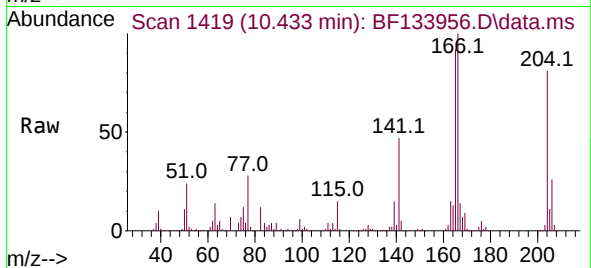
Tgt Ion:149 Resp: 369078
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 21.511 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

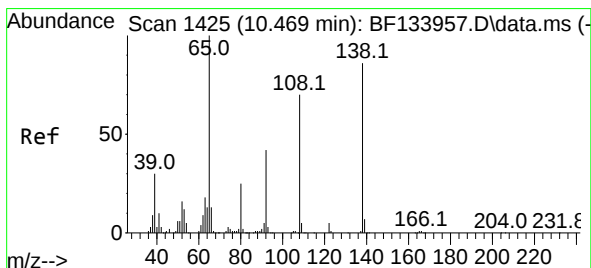
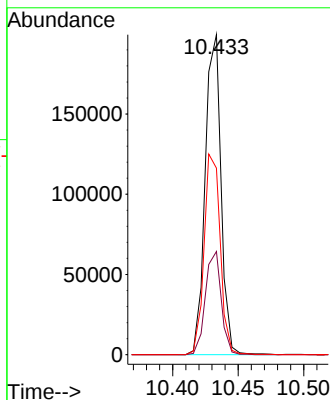
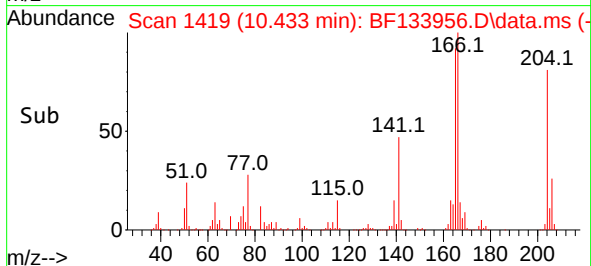
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



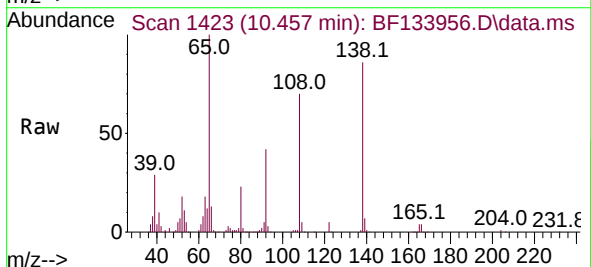
Tgt Ion:204 Resp: 167935
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 58.3 51.5 77.3

Manual Integrations
APPROVED

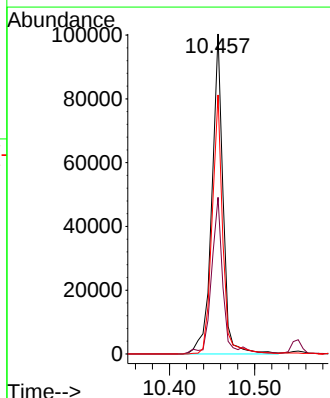
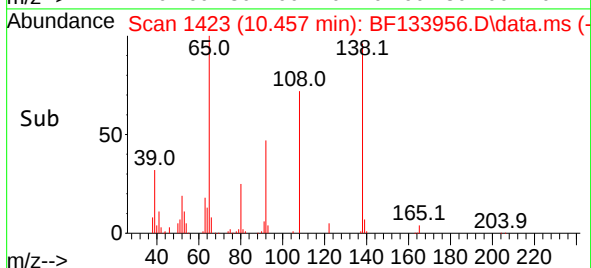
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

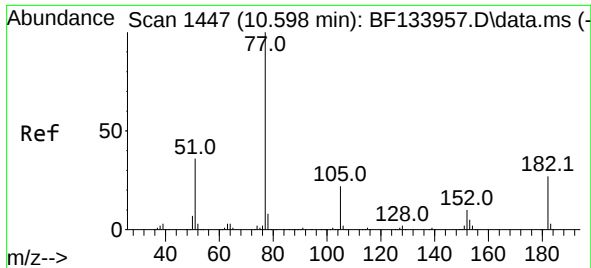


#62
4-Nitroaniline
Concen: 21.252 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



Tgt Ion:138 Resp: 92001
Ion Ratio Lower Upper
138 100
92 48.9 29.7 69.7
108 80.9 62.1 102.1





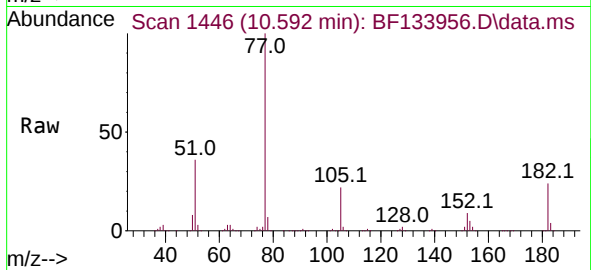
#63
Azobenzene
Concen: 21.131 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



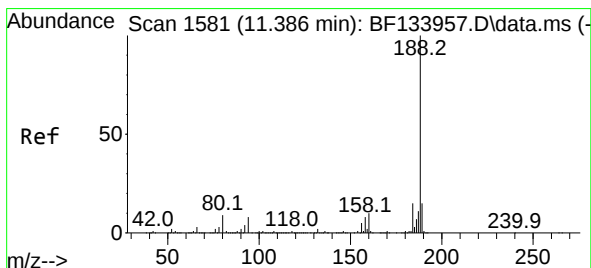
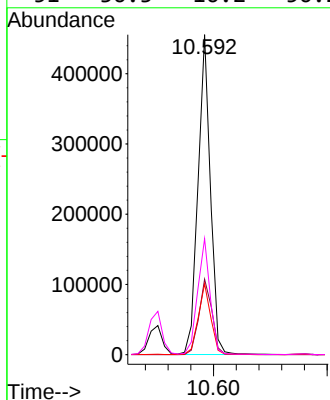
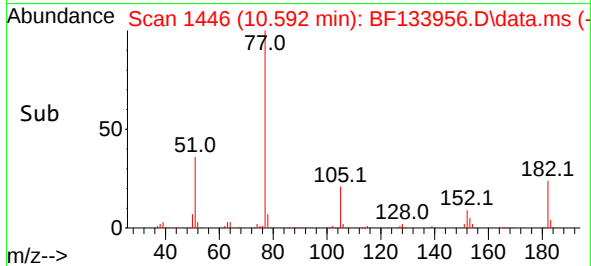
Tgt Ion: 77 Resp: 34619
Ion Ratio Lower Upper
77 100
182 23.6 6.8 46.8
105 22.2 2.3 42.3
51 36.3 16.2 56.2

Manual Integrations

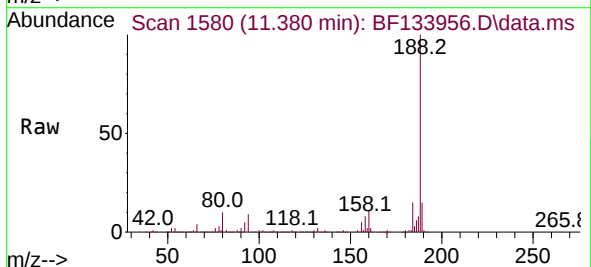
APPROVED

Reviewed By :Yogesh Patel 06/27/2023

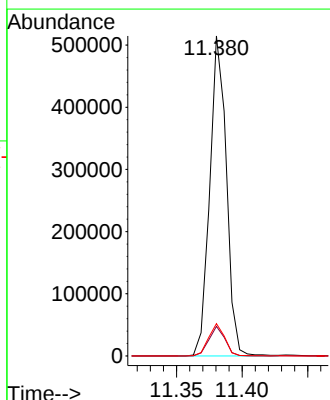
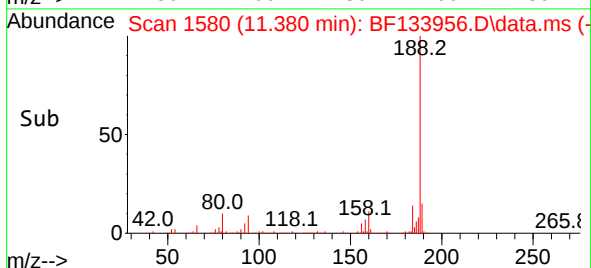
Supervised By :mohammad ahmed 06/29/2023

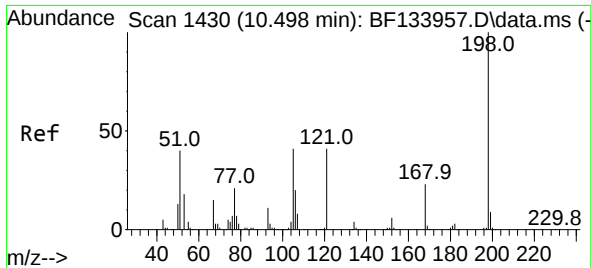


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



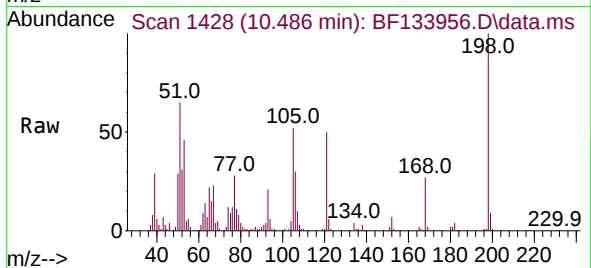
Tgt Ion:188 Resp: 454477
Ion Ratio Lower Upper
188 100
94 9.3 6.4 9.6
80 10.1 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 20.768 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

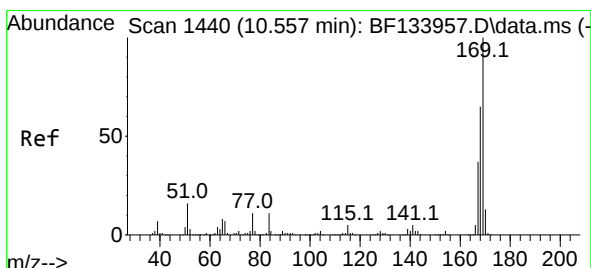
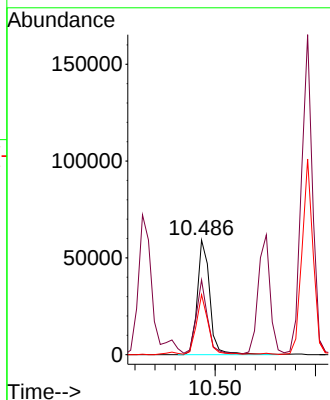
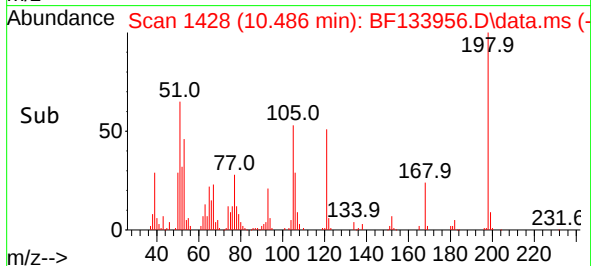
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 51458
Ion Ratio Lower Upper
198 100
51 65.2 29.3 69.3
105 52.3 22.4 62.4

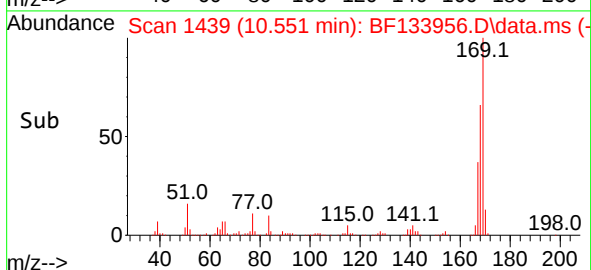
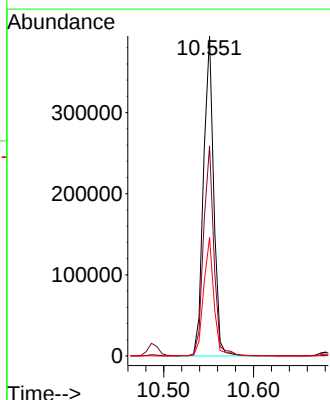
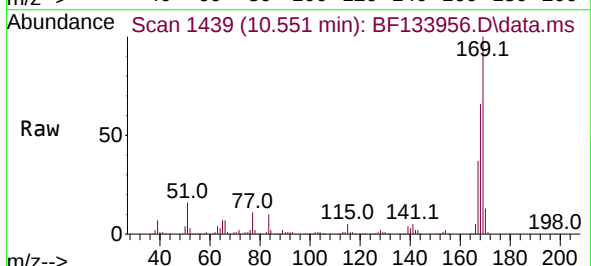
Manual Integrations
APPROVED

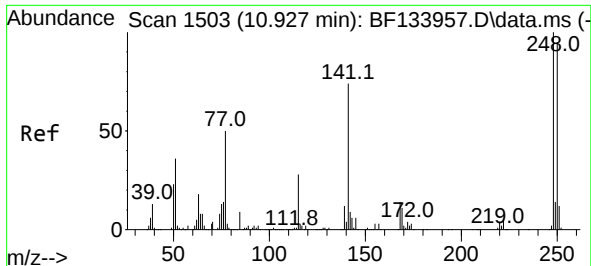
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#66
n-Nitrosodiphenylamine
Concen: 21.439 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:169 Resp: 311312
Ion Ratio Lower Upper
169 100
168 65.6 52.3 78.5
167 37.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 21.485 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

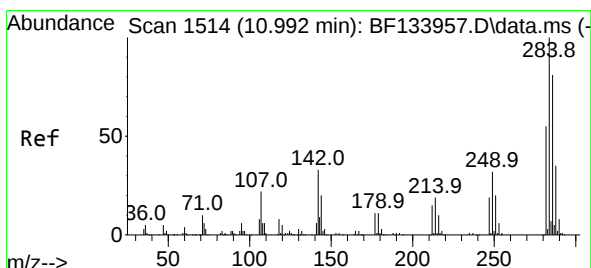
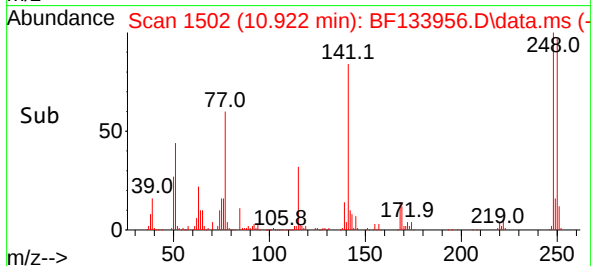
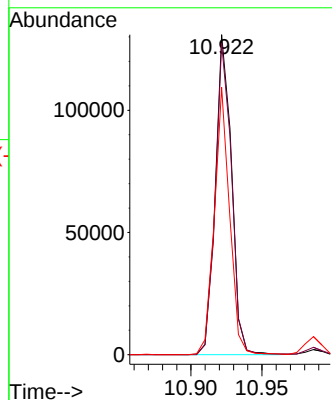
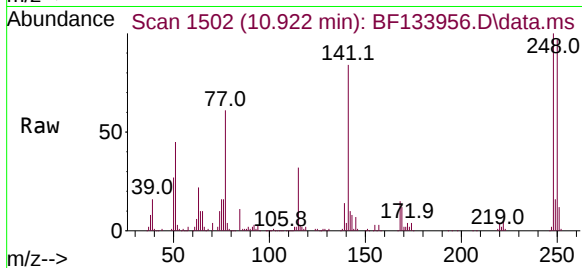
SSTDICC020

Tgt Ion:248 Resp: 10378
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 83.5 59.0 88.4

Manual Integrations

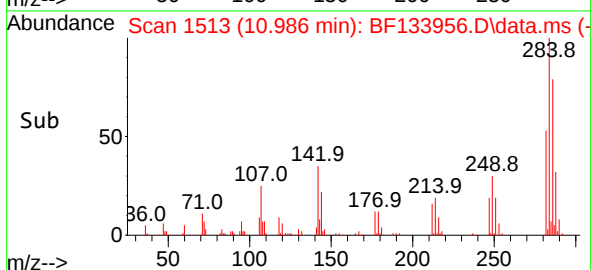
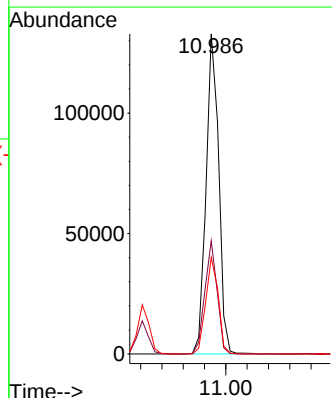
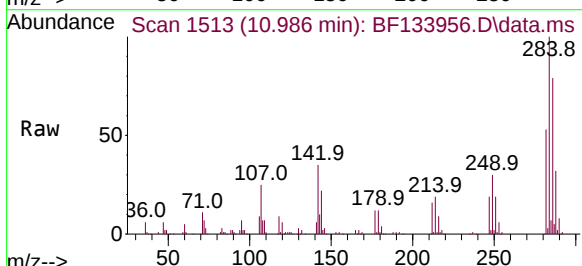
APPROVED

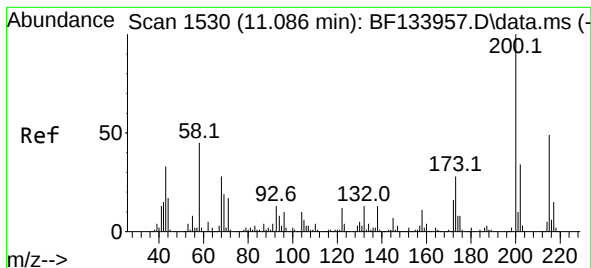
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#68
Hexachlorobenzene
Concen: 21.434 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:284 Resp: 109933
Ion Ratio Lower Upper
284 100
142 35.4 26.6 40.0
249 30.1 25.5 38.3





#69

Atrazine

Concen: 22.054 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

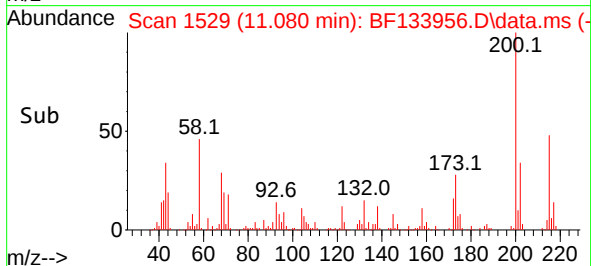
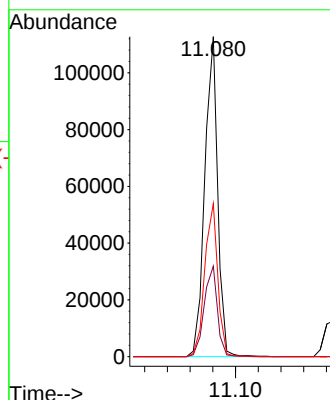
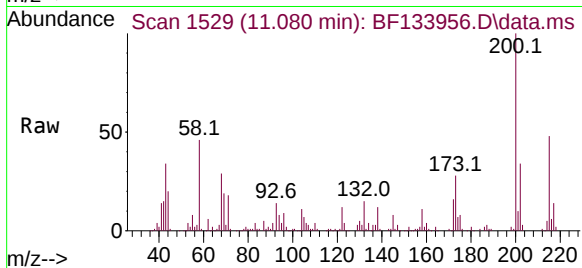
Tgt Ion:200 Resp: 88580
 Ion Ratio Lower Upper
 200 100
 173 28.3 8.0 48.0
 215 47.9 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#70

Pentachlorophenol

Concen: 21.307 ng

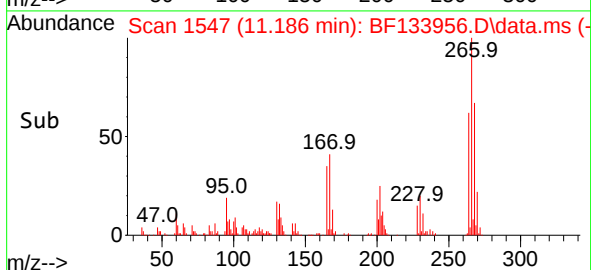
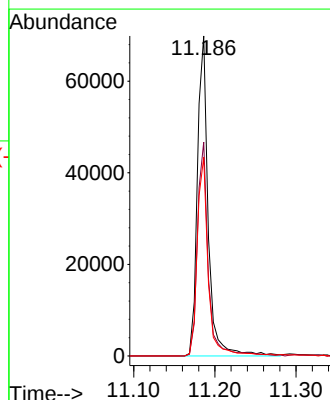
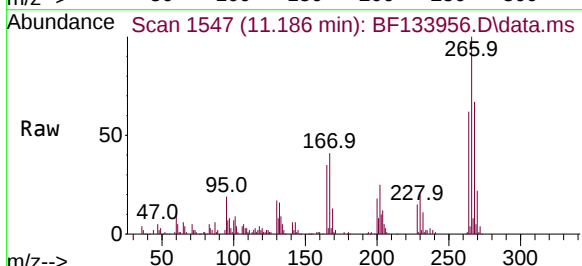
RT: 11.186 min Scan# 1547

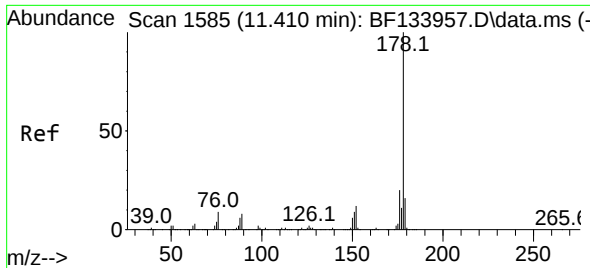
Delta R.T. 0.000 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

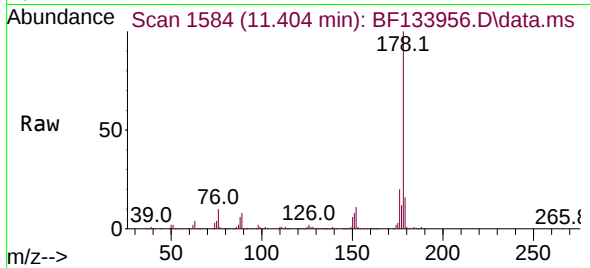
Tgt Ion:266 Resp: 65341
 Ion Ratio Lower Upper
 266 100
 268 66.9 52.6 79.0
 264 62.0 50.6 76.0





#71
Phenanthrene
Concen: 21.592 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

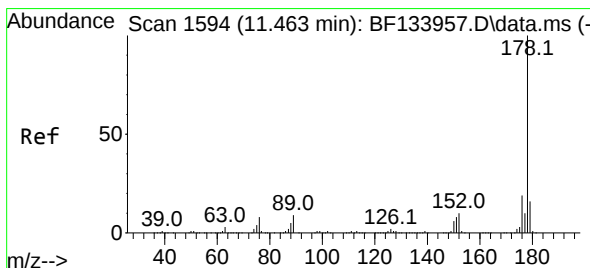
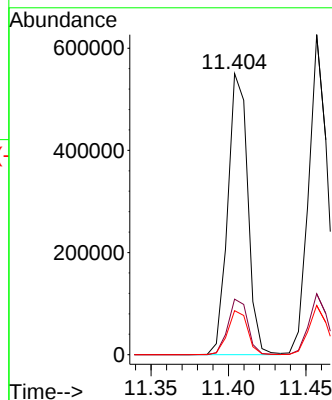
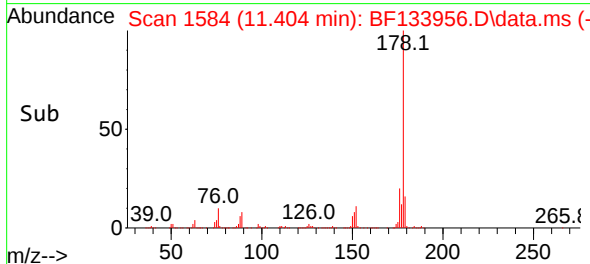
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 494014
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.7 12.4 18.6

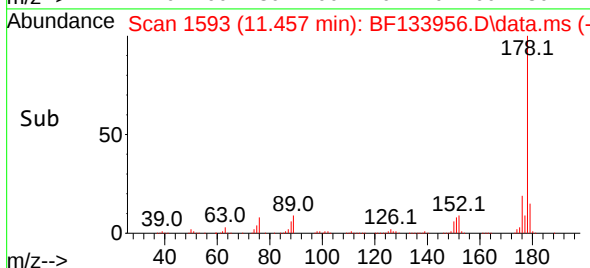
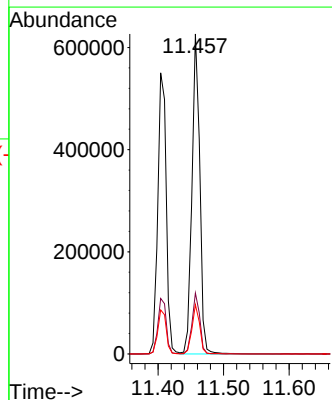
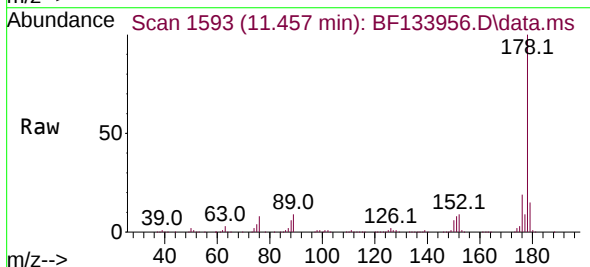
Manual Integrations
APPROVED

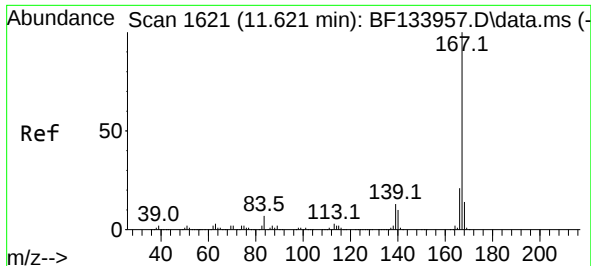
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#72
Anthracene
Concen: 21.936 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

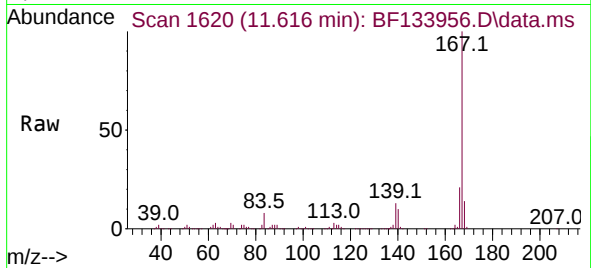
Tgt Ion:178 Resp: 522010
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 22.036 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF133956.D
 Acq: 26 Jun 2023 17:02

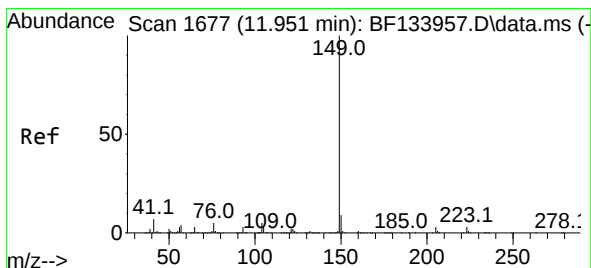
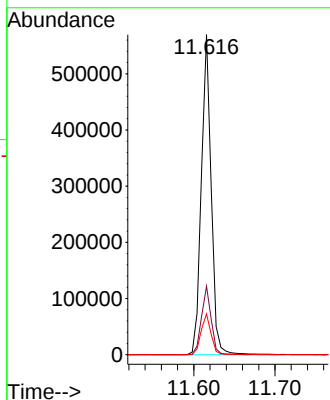
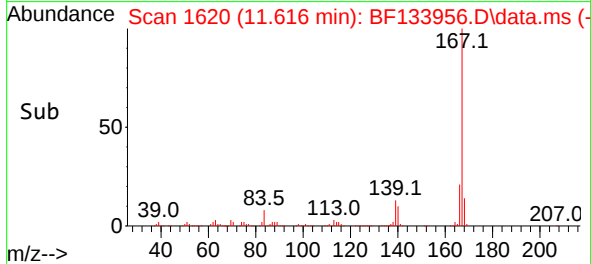
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



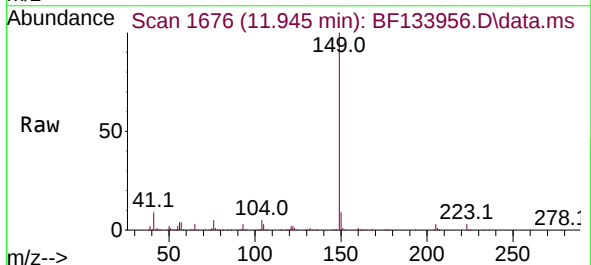
Tgt Ion:167 Resp: 479978
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.8 10.4 15.6

Manual Integrations
 APPROVED

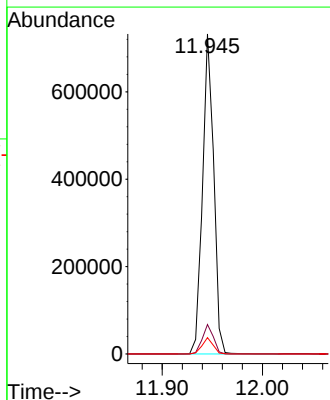
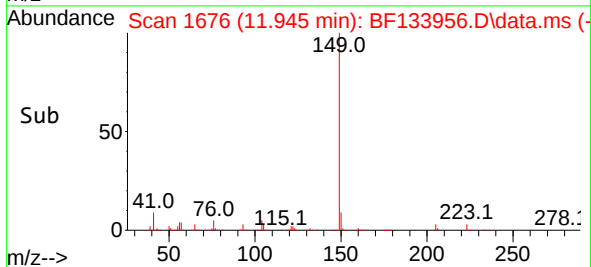
Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/29/2023

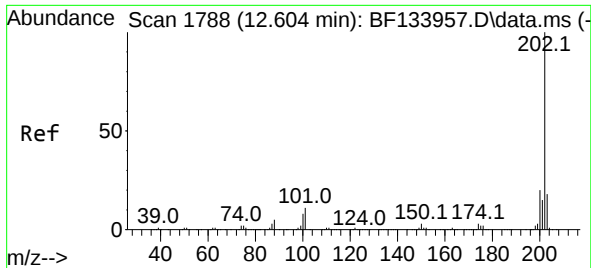


#74
 Di-n-butylphthalate
 Concen: 21.997 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF133956.D
 Acq: 26 Jun 2023 17:02



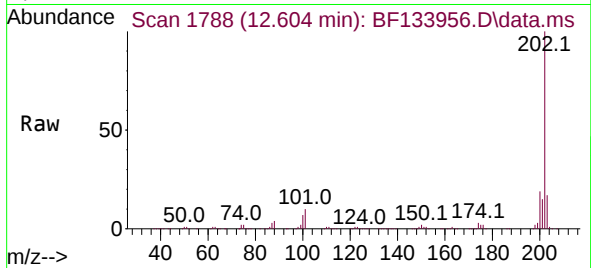
Tgt Ion:149 Resp: 569784
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 22.179 ng
RT: 12.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

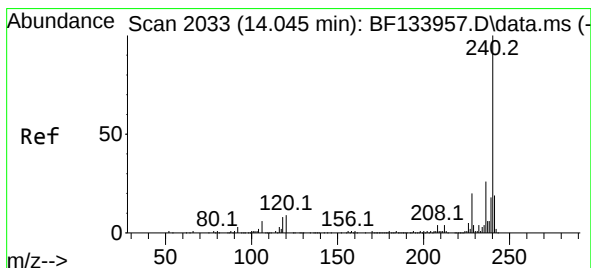
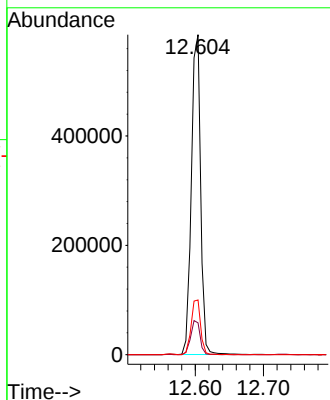
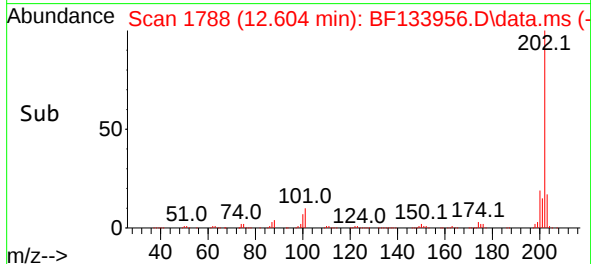
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 548574
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 17.1 0.0 37.6

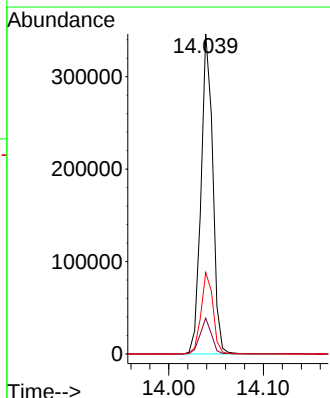
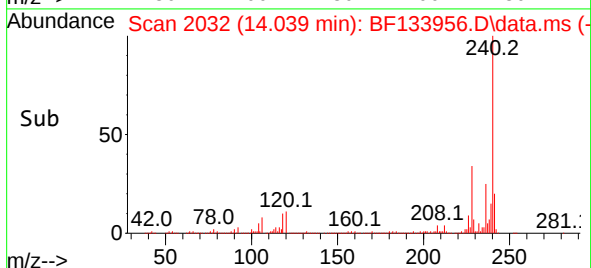
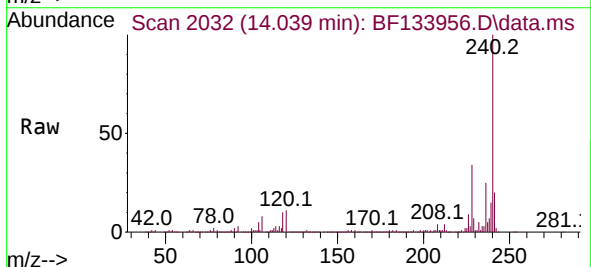
Manual Integrations
APPROVED

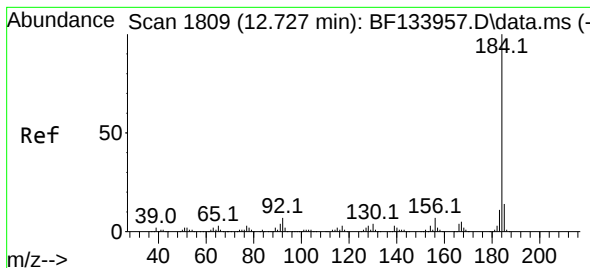
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

Tgt Ion:240 Resp: 299224
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.0#
236 25.4 21.0 31.6





#77

Benzidine

Concen: 20.137 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

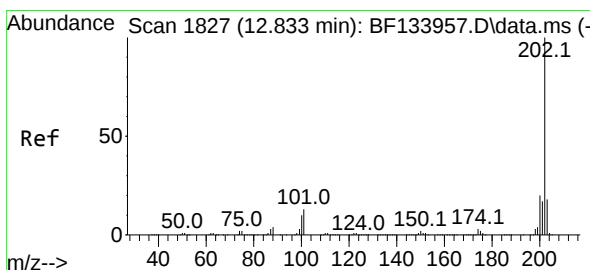
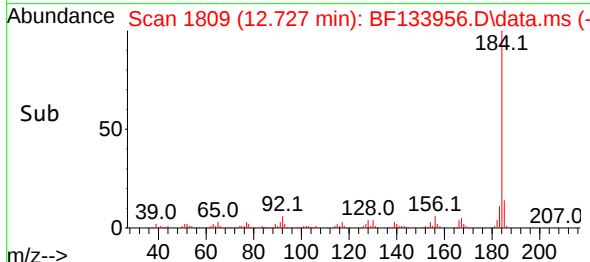
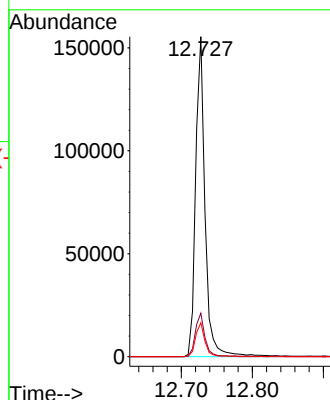
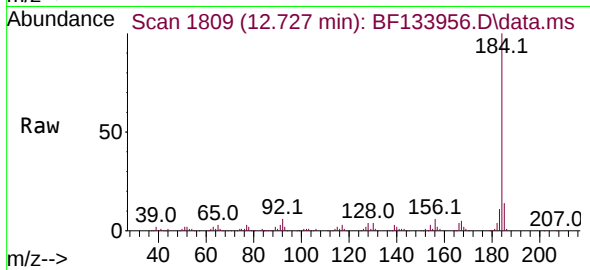
Tgt Ion:184 Resp: 14337

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.6	17.4
183	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#78

Pyrene

Concen: 20.041 ng

RT: 12.833 min Scan# 1827

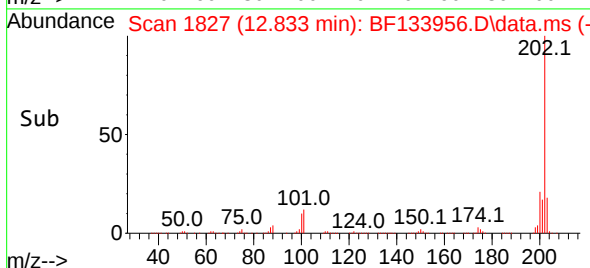
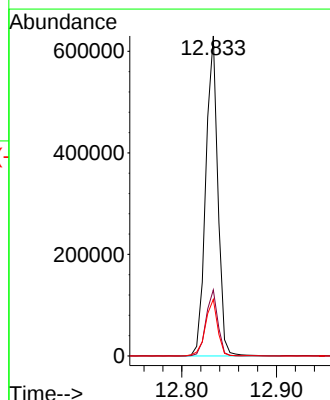
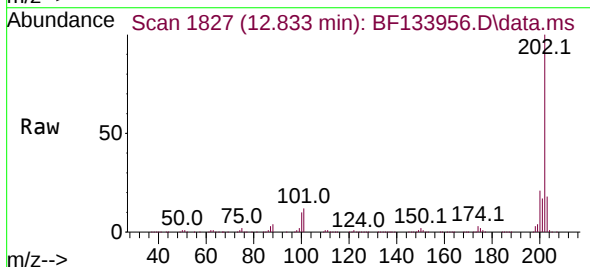
Delta R.T. 0.000 min

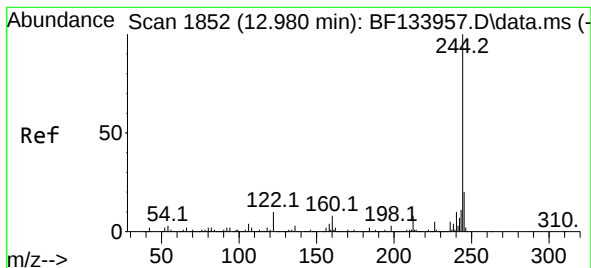
Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Tgt Ion:202 Resp: 558069

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.1	24.1
203	17.7	14.3	21.5





#79

Terphenyl-d14

Concen: 41.332 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:244 Resp: 76845

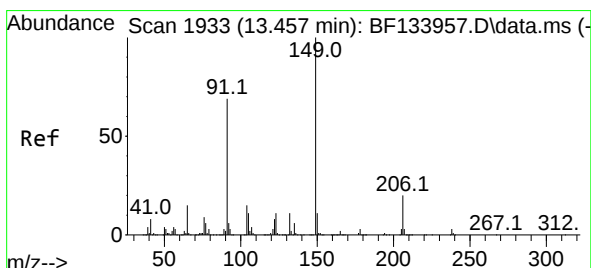
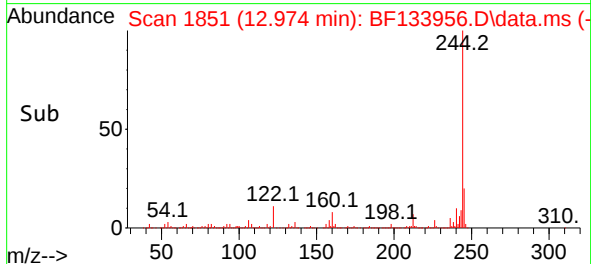
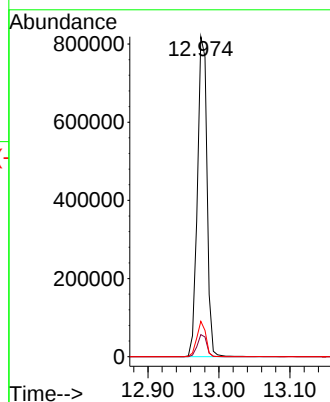
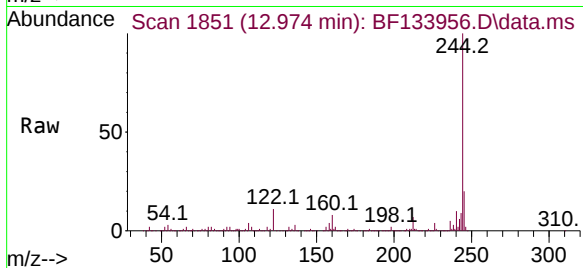
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#80

Butylbenzylphthalate

Concen: 20.723 ng

RT: 13.457 min Scan# 1933

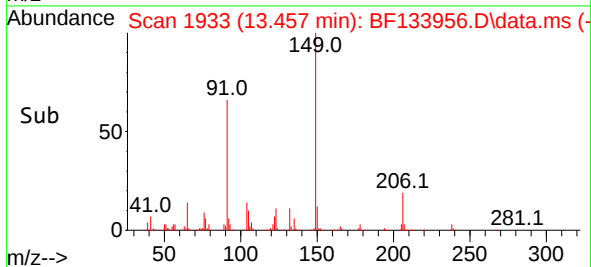
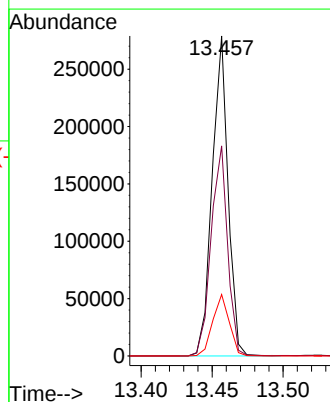
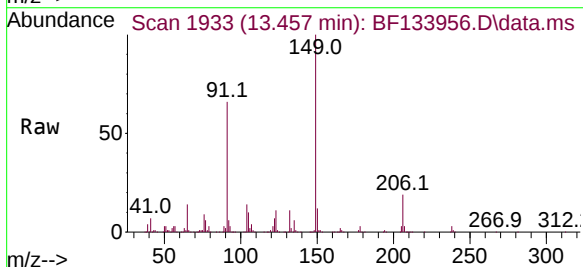
Delta R.T. 0.000 min

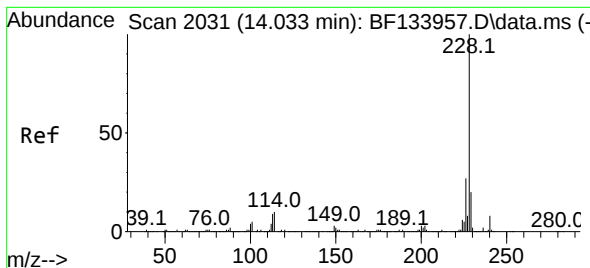
Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

Tgt Ion:149 Resp: 216431

Ion	Ratio	Lower	Upper
149	100		
91	65.7	55.1	82.7
206	19.2	15.7	23.5





#81

Benzo(a)anthracene

Concen: 20.663 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF133956.D

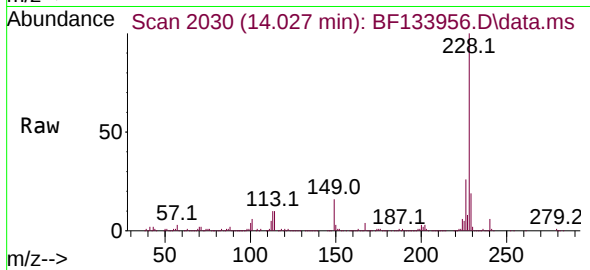
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:228 Resp: 428799

Ion Ratio Lower Upper

228 100

226 26.3 22.0 33.0

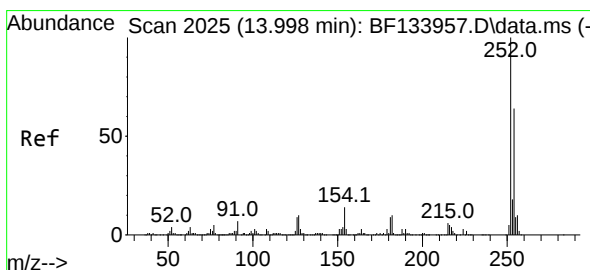
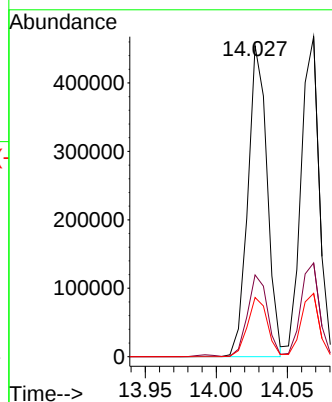
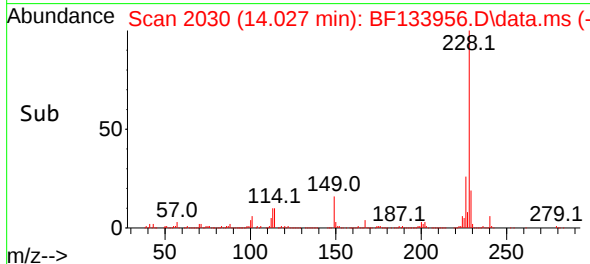
229 19.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#82

3,3'-Dichlorobenzidine

Concen: 21.169 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02

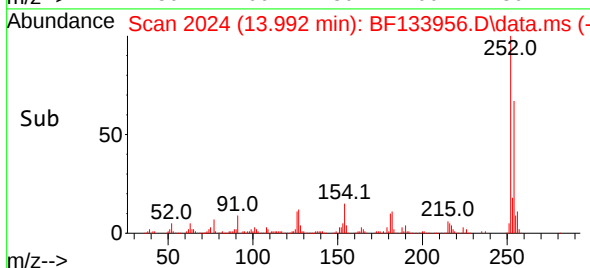
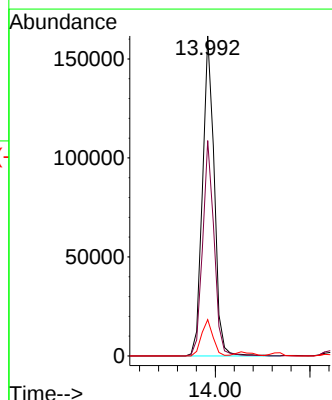
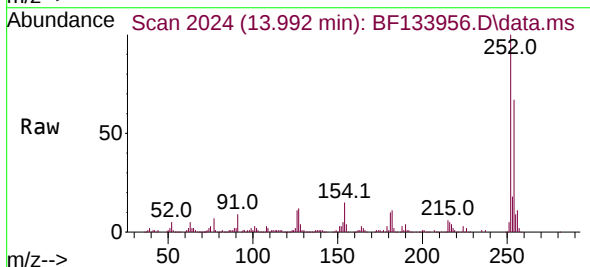
Tgt Ion:252 Resp: 139178

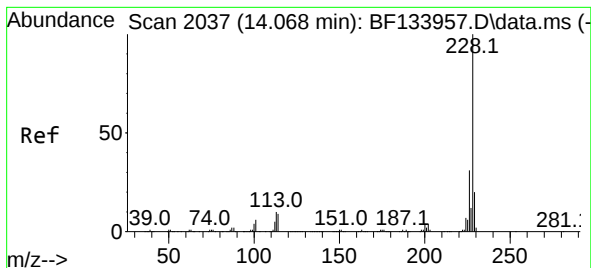
Ion Ratio Lower Upper

252 100

254 67.3 51.4 77.0

126 11.3 7.4 11.2#





#83

Chrysene

Concen: 20.845 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF133956.D

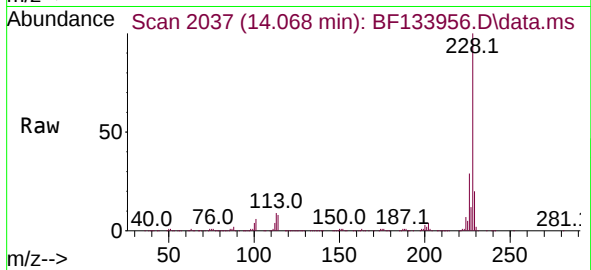
Acq: 26 Jun 2023 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:228 Resp: 41896

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

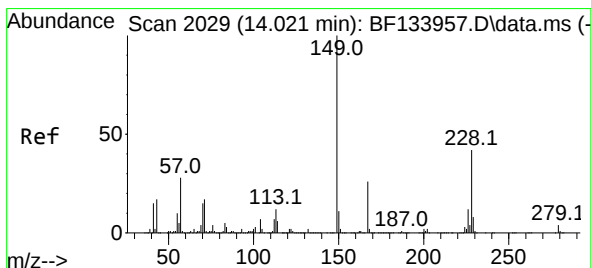
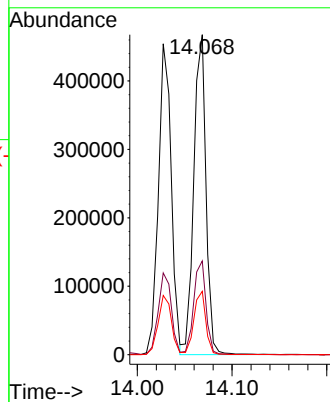
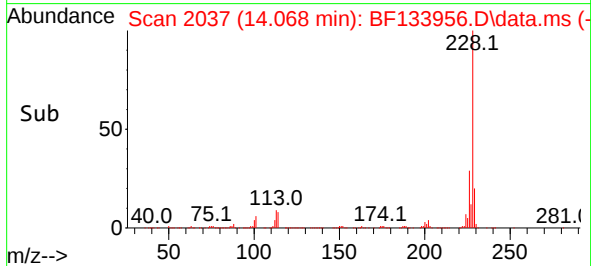
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/29/2023



#84

Bis(2-ethylhexyl)phthalate

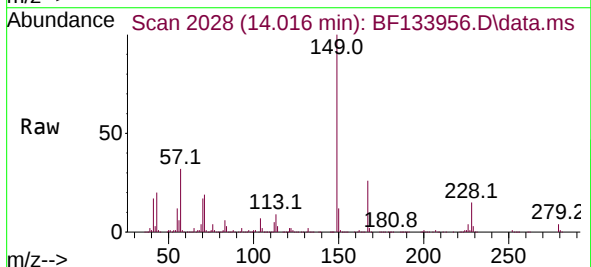
Concen: 20.744 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133956.D

Acq: 26 Jun 2023 17:02



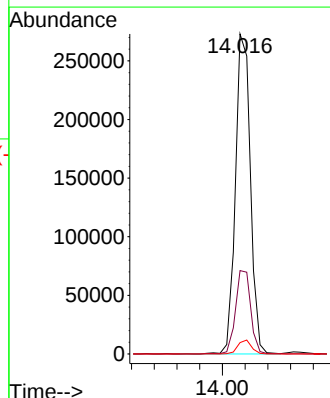
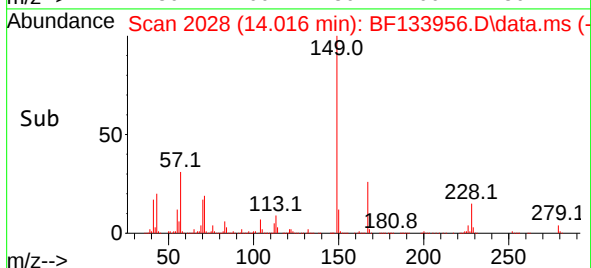
Tgt Ion:149 Resp: 248940

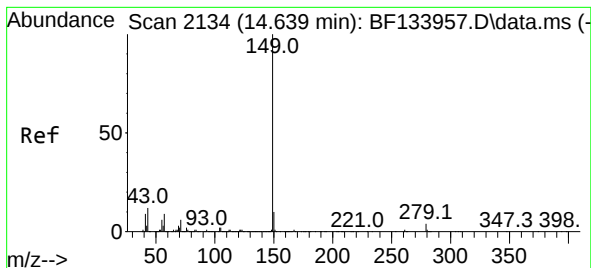
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

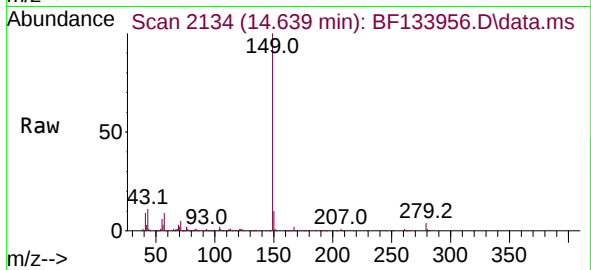
279 3.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 19.296 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

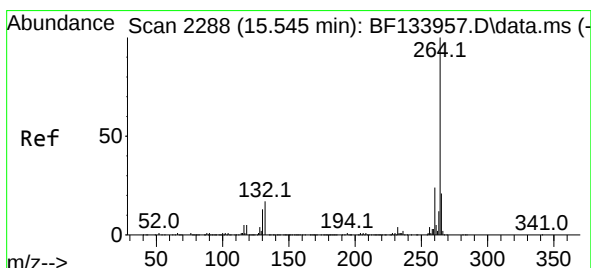
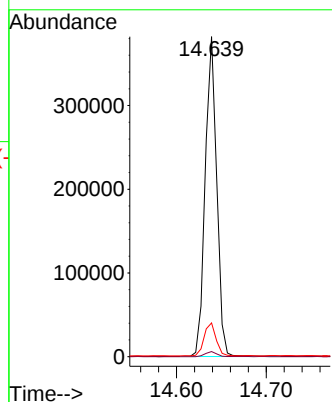
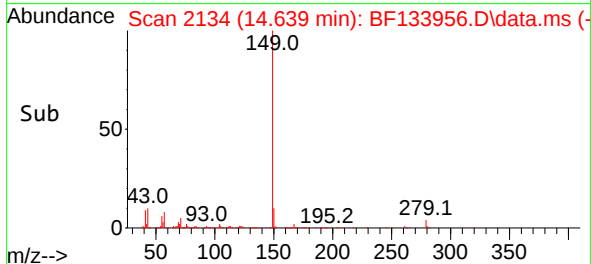
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 340240
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 9.0 13.4

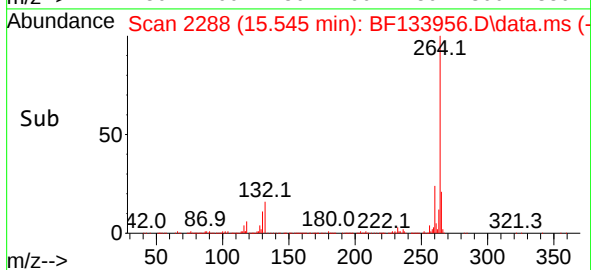
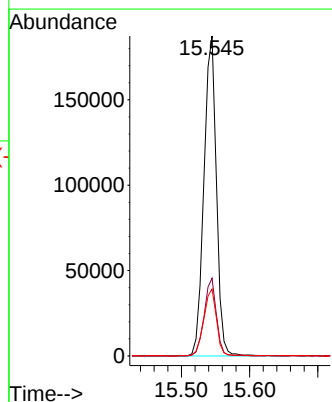
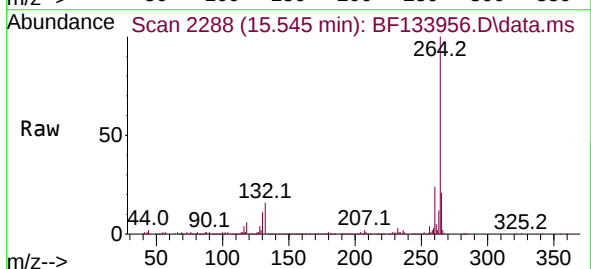
Manual Integrations
APPROVED

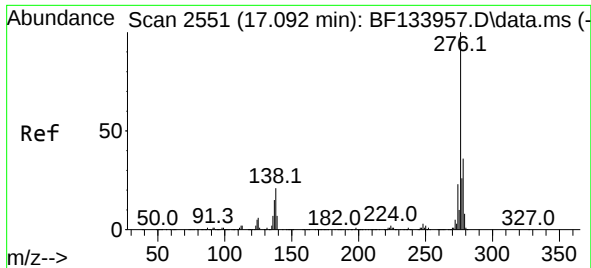
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

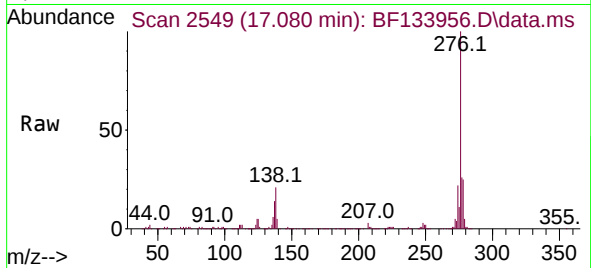
Tgt Ion:264 Resp: 238527
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.0 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.684 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

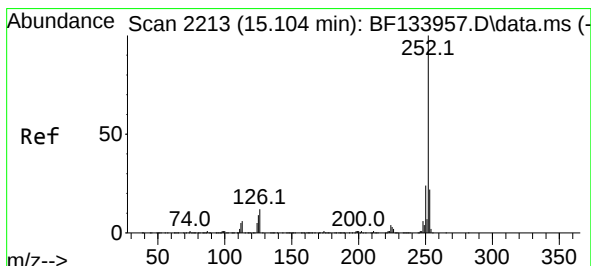
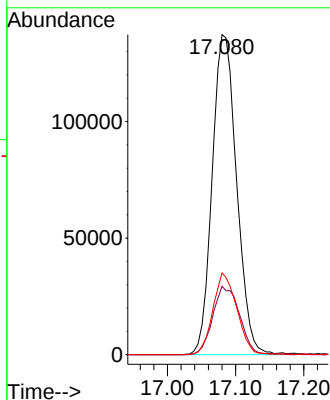
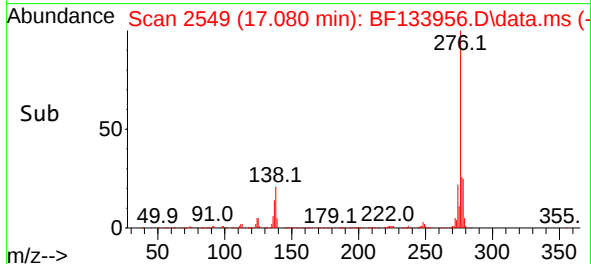
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 34235
Ion Ratio Lower Upper
276 100
138 23.5 18.7 28.1
277 25.0 19.9 29.9

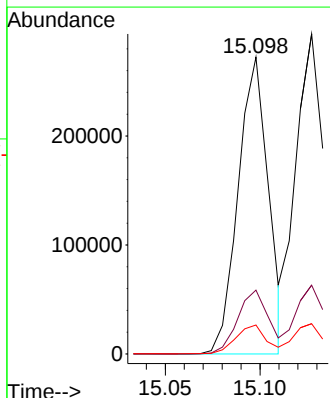
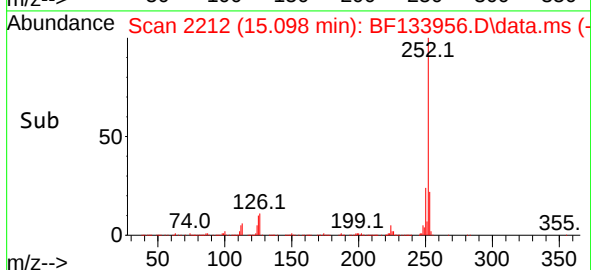
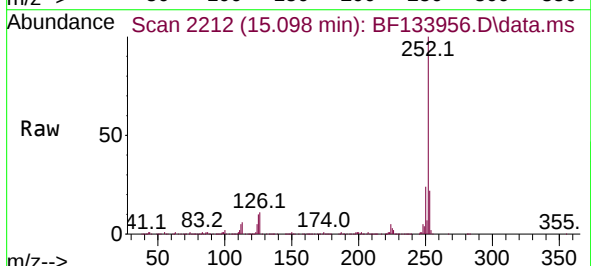
Manual Integrations
APPROVED

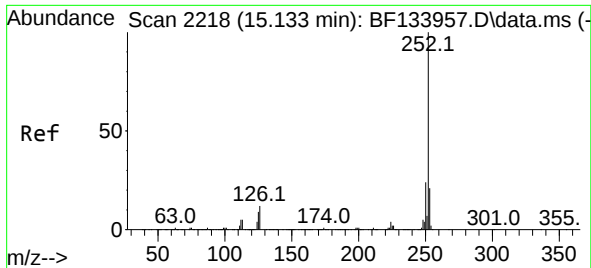
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#88
Benzo(b)fluoranthene
Concen: 21.559 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

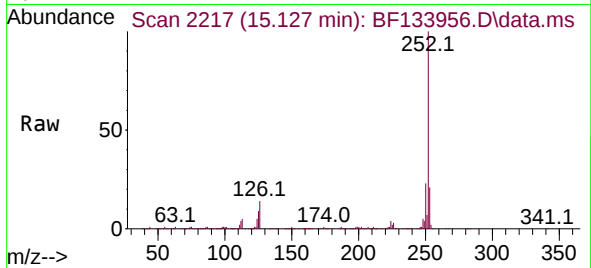
Tgt Ion:252 Resp: 302371
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.8 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 21.816 ng
RT: 15.127 min Scan# 21154
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

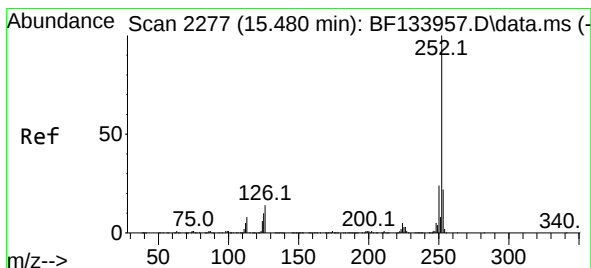
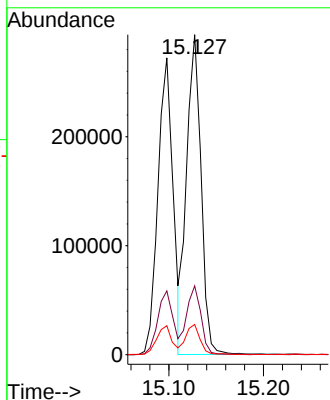
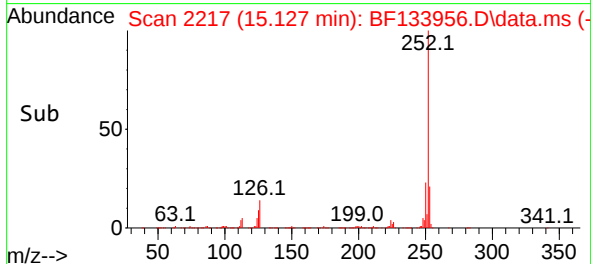
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



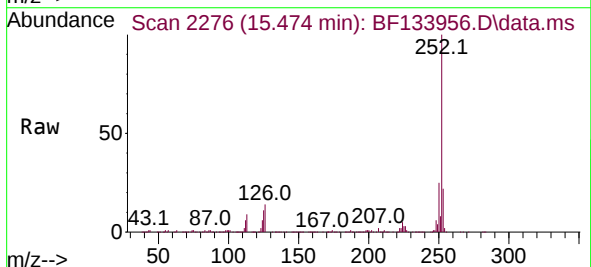
Tgt Ion:252 Resp: 31154
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 9.5 7.4 11.2

Manual Integrations
APPROVED

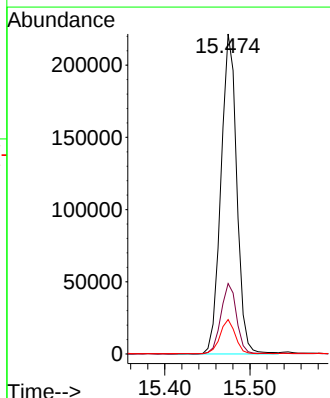
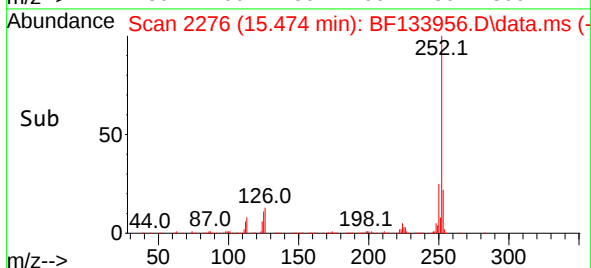
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

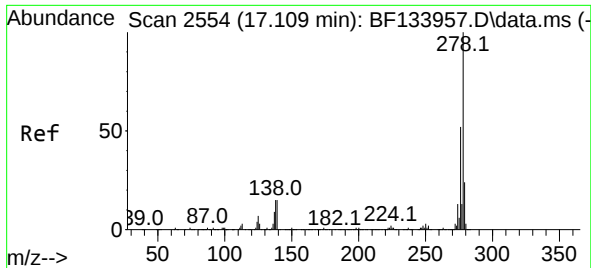


#90
Benzo(a)pyrene
Concen: 21.081 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



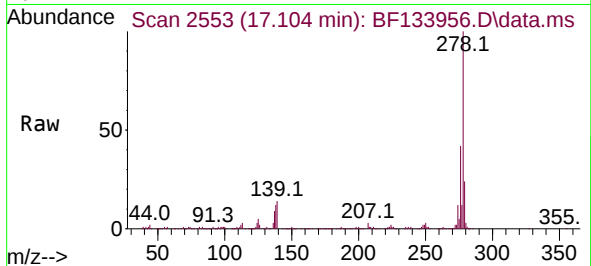
Tgt Ion:252 Resp: 285918
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.7 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 20.832 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02

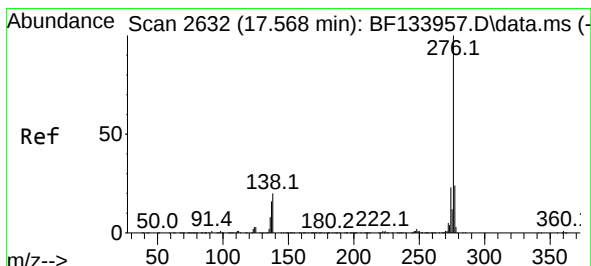
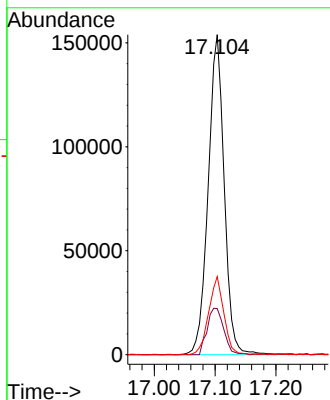
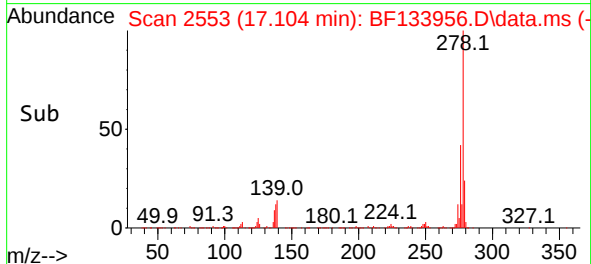
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



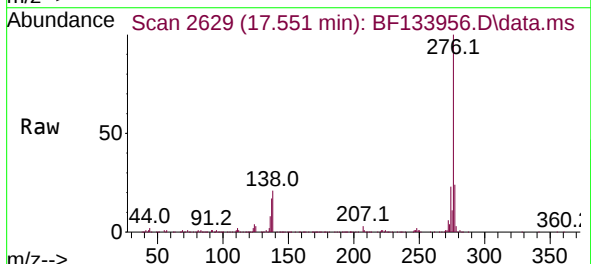
Tgt Ion:278 Resp: 281628
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 24.4 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#92
Benzo(g,h,i)perylene
Concen: 20.743 ng
RT: 17.551 min Scan# 2629
Delta R.T. -0.018 min
Lab File: BF133956.D
Acq: 26 Jun 2023 17:02



Tgt Ion:276 Resp: 289189
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 20.7 16.2 24.2

