

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136001.D
 Acq On : 28 Oct 2023 12:56
 Operator : CG\JU
 Sample : PB156435BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Oct 30 00:23:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	155455	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	612766	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	315427	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	584248	20.000	ng	0.00
76) Chrysene-d12	14.015	240	335594	20.000	ng	0.00
86) Perylene-d12	15.504	264	315540	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1319786	131.097	ng	0.02
7) Phenol-d6	6.463	99	1635377	130.482	ng	0.00
23) Nitrobenzene-d5	7.392	82	948667	98.251	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	493811	178.857	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1721131	87.372	ng	0.00
79) Terphenyl-d14	12.963	244	2129778	106.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	164272	35.127	ng	99
3) Pyridine	3.422	79	402734	31.201	ng	96
4) n-Nitrosodimethylamine	3.387	42	226019	40.158	ng	98
6) Aniline	6.492	93	513825	30.447	ng	99
8) 2-Chlorophenol	6.610	128	514678	49.384	ng	99
9) Benzaldehyde	6.375	77	62771	9.258	ng	96
10) Phenol	6.481	94	607387m	46.356	ng	
11) bis(2-Chloroethyl)ether	6.569	93	480282	47.092	ng	99
12) 1,3-Dichlorobenzene	6.769	146	520399	47.010	ng	97
13) 1,4-Dichlorobenzene	6.845	146	533332	47.971	ng	98
14) 1,2-Dichlorobenzene	6.998	146	496445	48.086	ng	99
15) Benzyl Alcohol	6.969	79	341386	38.531	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	674990	44.941	ng	96
17) 2-Methylphenol	7.081	107	403033	43.878	ng	99
18) Hexachloroethane	7.339	117	186577	49.354	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	322796	45.291	ng	98
20) 3+4-Methylphenols	7.234	107	485036	43.752	ng	90
22) Acetophenone	7.239	105	654370	47.281	ng	# 95
24) Nitrobenzene	7.410	77	493594	48.606	ng	98
25) Isophorone	7.651	82	916575	47.322	ng	98
26) 2-Nitrophenol	7.728	139	245159	60.861	ng	92
27) 2,4-Dimethylphenol	7.763	122	390891	44.280	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	564342	47.447	ng	98
29) 2,4-Dichlorophenol	7.963	162	409230	51.769	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	441963	49.380	ng	99
31) Naphthalene	8.134	128	1388411	46.865	ng	100
32) Benzoic acid	7.886	122	333049	64.637	ng	92
33) 4-Chloroaniline	8.175	127	183192	13.990	ng	99
34) Hexachlorobutadiene	8.251	225	249624	49.482	ng	100
35) Caprolactam	8.551	113	144105m	54.781	ng	
36) 4-Chloro-3-methylphenol	8.663	107	432945	51.537	ng	97
37) 2-Methylnaphthalene	8.822	142	897800	45.803	ng	100
38) 1-Methylnaphthalene	8.922	142	870839	47.546	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	427205	47.953	ng	99
41) Hexachlorocyclopentadiene	8.981	237	501969	114.270	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	291550	55.914	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136001.D
 Acq On : 28 Oct 2023 12:56
 Operator : CG\JU
 Sample : PB156435BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Quant Time: Oct 30 00:23:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M

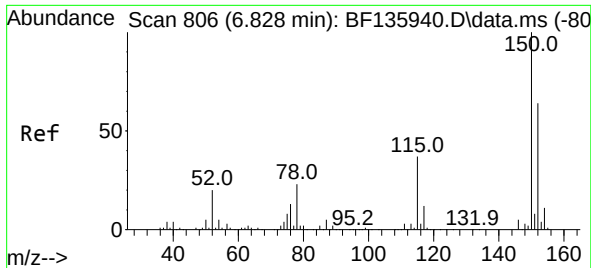
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 26 03:58:01 2023

Response via : Initial Calibration

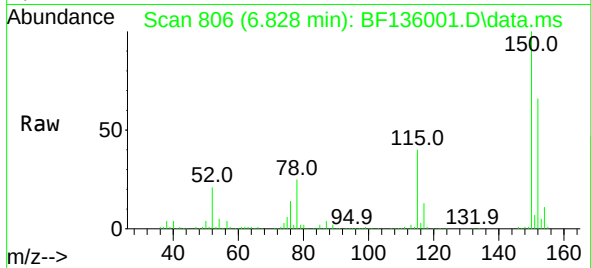
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.145	196	317227	51.240	ng	94	10/31/2023
46) 1,1'-Biphenyl	9.292	154	1140675	47.725	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.316	162	873632	49.417	ng	98	
48) 2-Nitroaniline	9.410	65	264846	53.432	ng	98	
49) Acenaphthylene	9.733	152	1386311	49.707	ng	100	
50) Dimethylphthalate	9.598	163	1004920	49.128	ng	99	
51) 2,6-Dinitrotoluene	9.657	165	231213	53.862	ng	# 81	10/31/2023
52) Acenaphthene	9.904	154	962731m	53.863	ng		
53) 3-Nitroaniline	9.822	138	161936	33.442	ng	# 89	
54) 2,4-Dinitrophenol	9.928	184	238354	110.582	ng	97	
55) Dibenzofuran	10.075	168	1230563	47.657	ng	100	
56) 4-Nitrophenol	9.986	139	424658	101.139	ng	98	
57) 2,4-Dinitrotoluene	10.063	165	305931	57.033	ng	88	
58) Fluorene	10.422	166	924249	47.843	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.192	232	276882	59.434	ng	99	
60) Diethylphthalate	10.298	149	973339	49.900	ng	99	
61) 4-Chlorophenyl-phenyle...	10.416	204	451398	48.440	ng	98	
62) 4-Nitroaniline	10.439	138	252390	50.017	ng	95	
63) Azobenzene	10.575	77	941966	47.586	ng	98	
65) 4,6-Dinitro-2-methylph...	10.469	198	151281	66.610	ng	81	
66) n-Nitrosodiphenylamine	10.533	169	867725	49.162	ng	100	
67) 4-Bromophenyl-phenylether	10.904	248	302786	50.605	ng	99	
68) Hexachlorobenzene	10.969	284	345114	53.994	ng	# 91	
69) Atrazine	11.069	200	290817	60.441	ng	99	
70) Pentachlorophenol	11.163	266	418534	102.049	ng	99	
71) Phenanthrene	11.386	178	1454150	49.195	ng	100	
72) Anthracene	11.439	178	1470788	48.596	ng	99	
73) Carbazole	11.592	167	1327256	49.160	ng	99	
74) Di-n-butylphthalate	11.933	149	1509022	52.525	ng	100	
75) Fluoranthene	12.580	202	1505077	48.399	ng	98	
77) Benzidine	12.704	184	370628	57.275	ng	99	
78) Pyrene	12.810	202	1535189	54.482	ng	100	
80) Butylbenzylphthalate	13.445	149	564458	52.606	ng	98	
81) Benzo(a)anthracene	14.004	228	1127436	49.409	ng	100	
82) 3,3'-Dichlorobenzidine	13.968	252	284176	40.934	ng	99	
83) Chrysene	14.045	228	1089392	49.018	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.010	149	628697	54.259	ng	99	
85) Di-n-octyl phthalate	14.627	149	987883	54.122	ng	97	
87) Indeno(1,2,3-cd)pyrene	17.021	276	1182825	66.108	ng	98	
88) Benzo(b)fluoranthene	15.068	252	942251	50.177	ng	99	
89) Benzo(k)fluoranthene	15.098	252	881378	47.790	ng	99	
90) Benzo(a)pyrene	15.439	252	828379	47.864	ng	100	
91) Dibenzo(a,h)anthracene	17.051	278	967883	63.243	ng	99	
92) Benzo(g,h,i)perylene	17.486	276	982298	55.790	ng	100	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

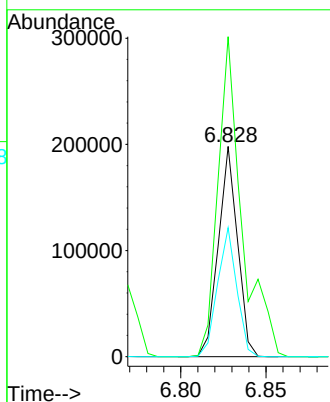
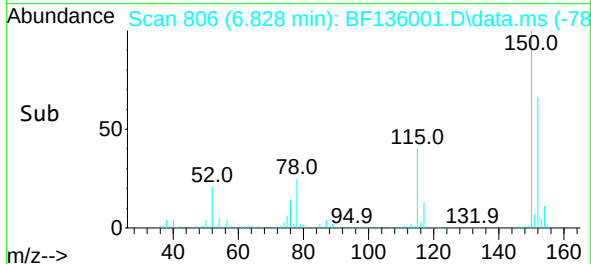
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:152 Resp: 15545
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 61.4 46.6 69.8

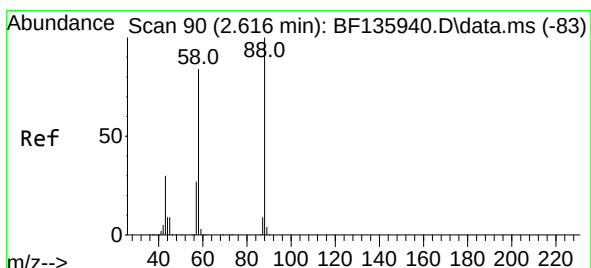
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



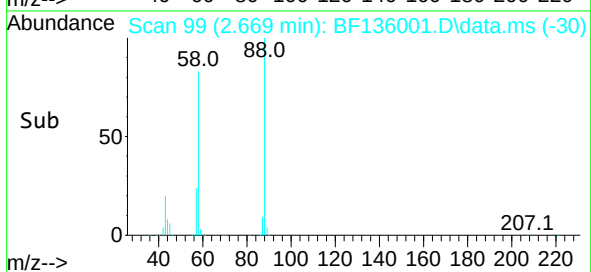
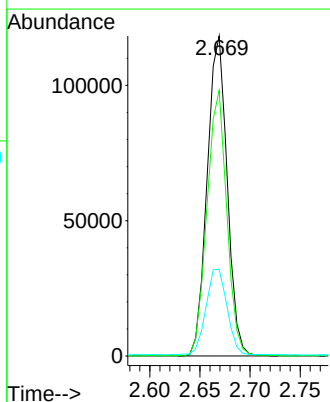
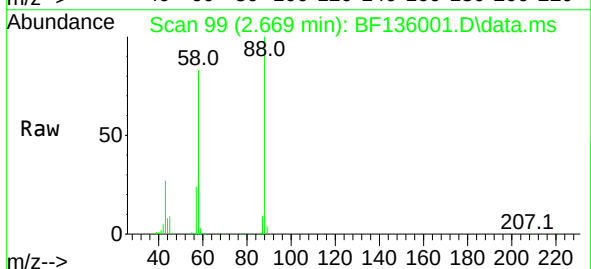
10/31/2023
Supervised By :mohammad
ahmed

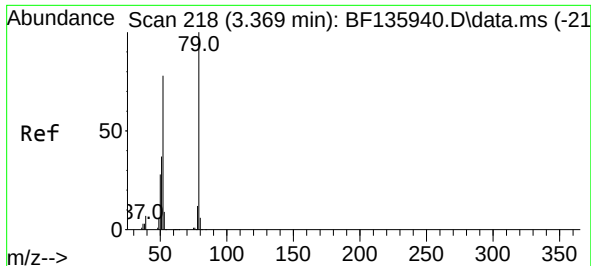
10/31/2023



#2
1,4-Dioxane
Concen: 35.127 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.053 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion: 88 Resp: 164272
Ion Ratio Lower Upper
88 100
58 82.6 66.6 100.0
43 28.0 23.8 35.8





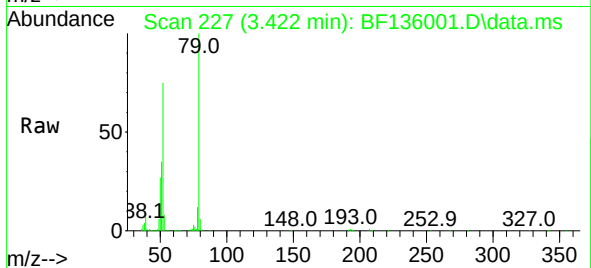
#3
Pyridine
Concen: 31.201 ng
RT: 3.422 min Scan# 218
Delta R.T. 0.053 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

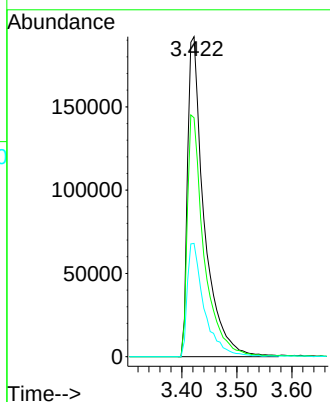
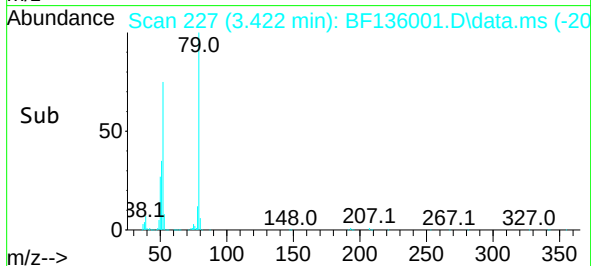
PB156435BS



Tgt Ion: 79 Resp: 402734
Ion Ratio Lower Upper
79 100
52 74.7 62.6 93.8
51 35.4 29.8 44.8

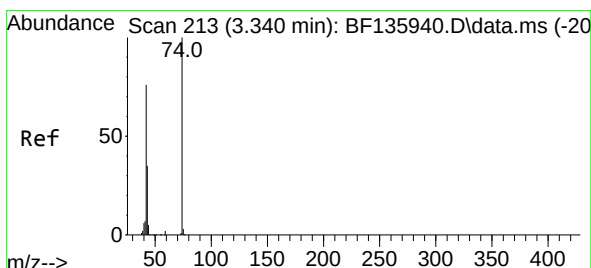
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

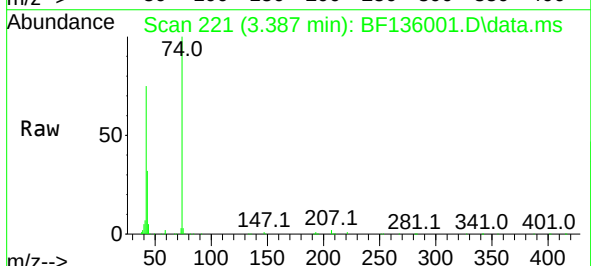


10/31/2023
Supervised By :mohammad
ahmed

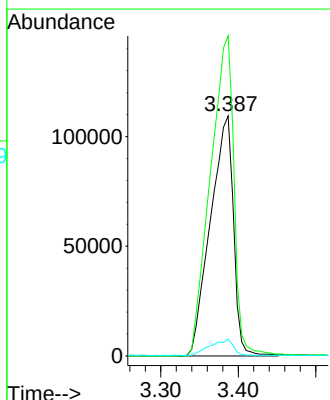
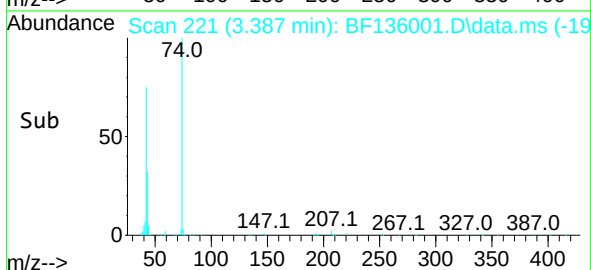
10/31/2023

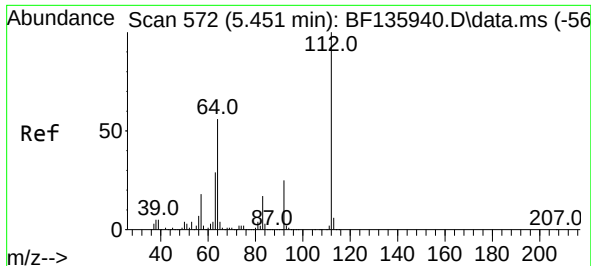


#4
n-Nitrosodimethylamine
Concen: 40.158 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.047 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



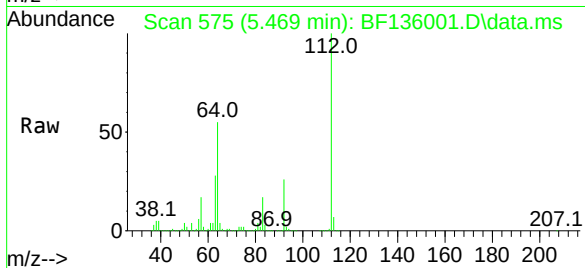
Tgt Ion: 42 Resp: 226019
Ion Ratio Lower Upper
42 100
74 133.3 104.8 157.2
44 7.1 5.9 8.9





#5
2-Fluorophenol
Concen: 131.097 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

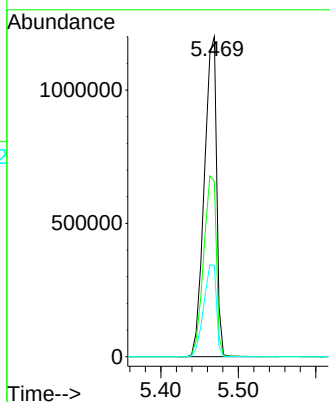
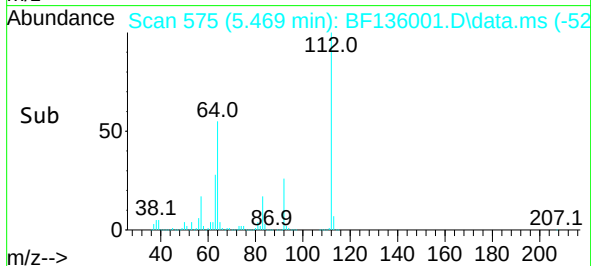
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:112 Resp: 1319780
Ion Ratio Lower Upper
112 100
64 54.8 45.1 67.7
63 28.5 23.0 34.4

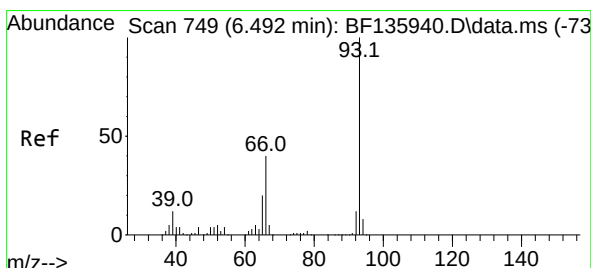
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



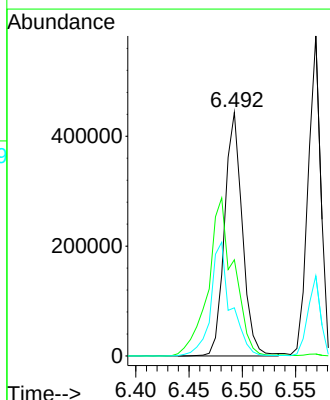
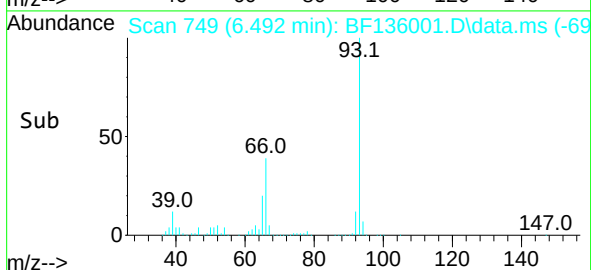
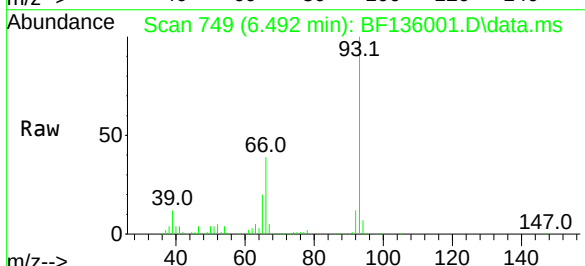
10/31/2023
Supervised By :mohammad
ahmed

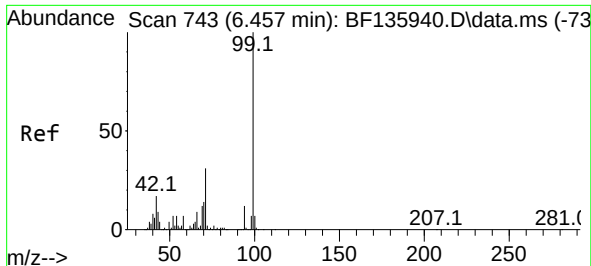
10/31/2023



#6
Aniline
Concen: 30.447 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

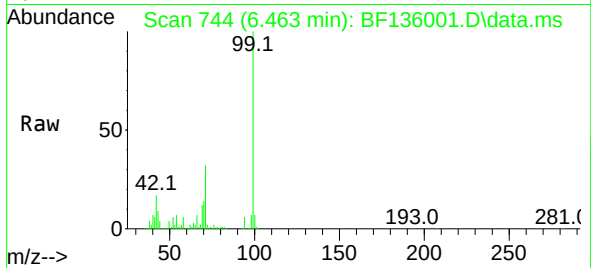
Tgt Ion: 93 Resp: 513825
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 19.8 16.2 24.4





#7
Phenol-d6
Concen: 130.482 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

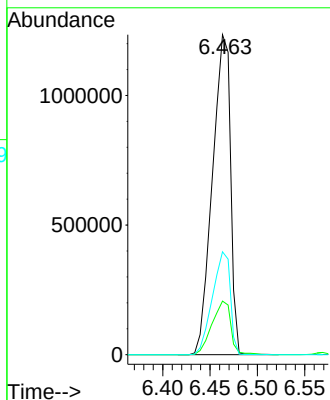
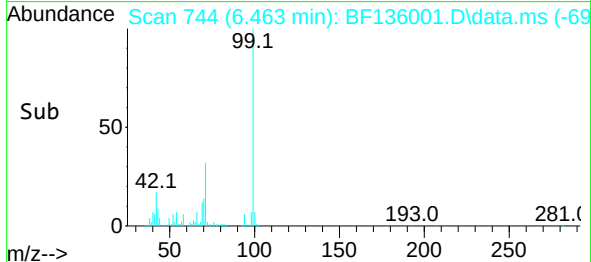
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion: 99 Resp: 163537
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.8
71 32.2 25.1 37.7

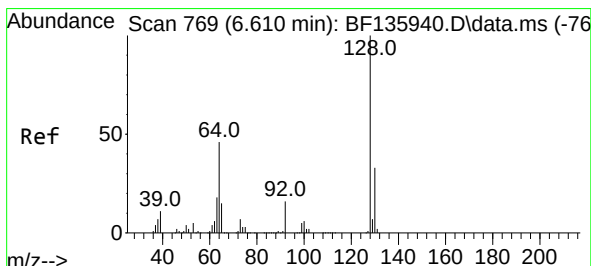
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



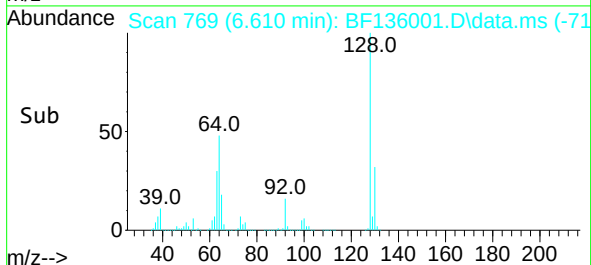
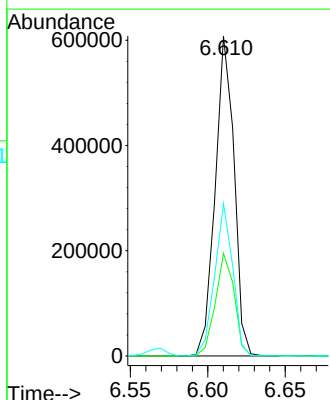
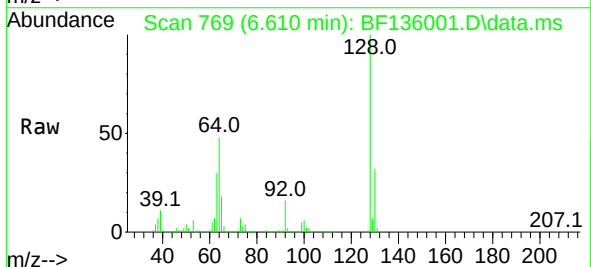
10/31/2023
Supervised By :mohammad
ahmed

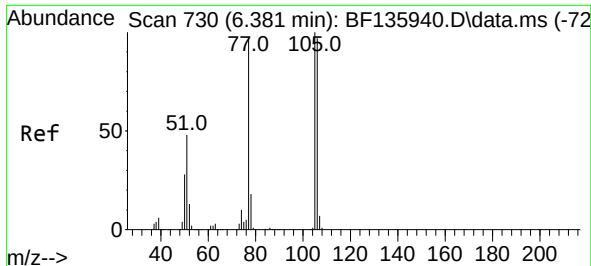
10/31/2023



#8
2-Chlorophenol
Concen: 49.384 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

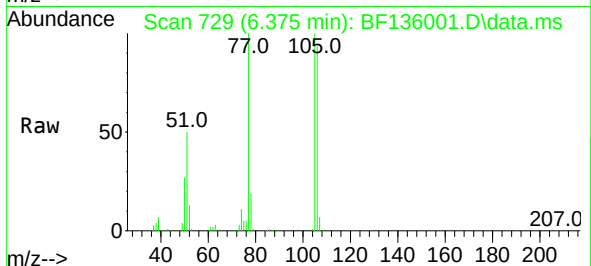
Tgt Ion:128 Resp: 514678
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 47.7 27.0 67.0





#9
Benzaldehyde
Concen: 9.258 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

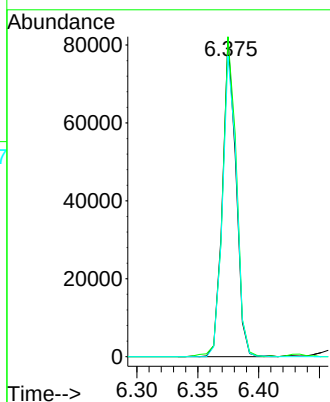
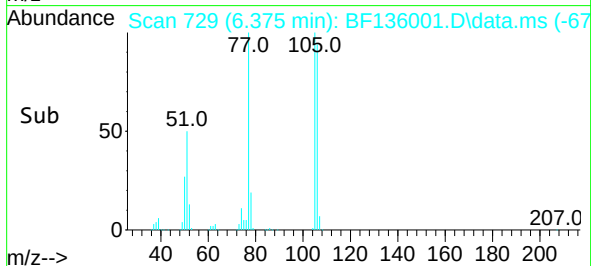
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion: 77 Resp: 6277
Ion Ratio Lower Upper
77 100
105 100.1 83.2 123.2
106 94.1 80.0 120.0

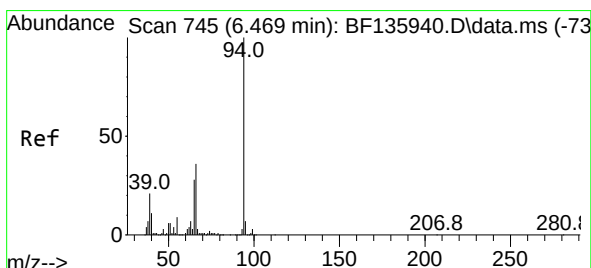
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

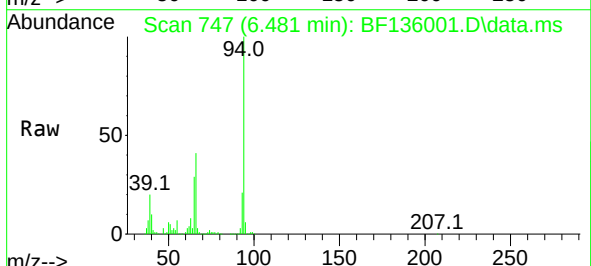


10/31/2023
Supervised By :mohammad
ahmed

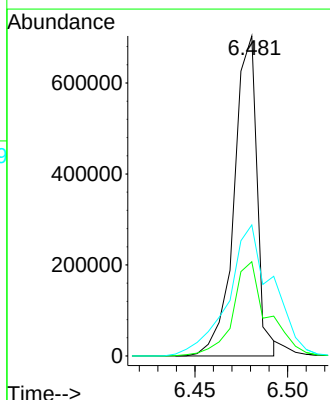
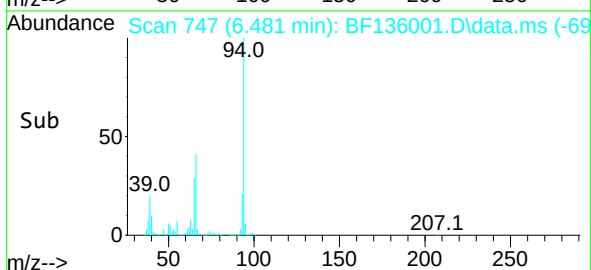
10/31/2023

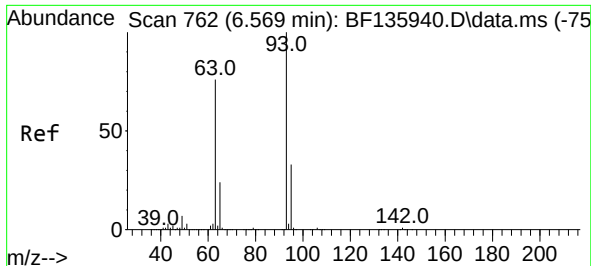


#10
Phenol
Concen: 46.356 ng m
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion: 94 Resp: 607387
Ion Ratio Lower Upper
94 100
65 29.4 7.8 47.8
66 40.9 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 47.092 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

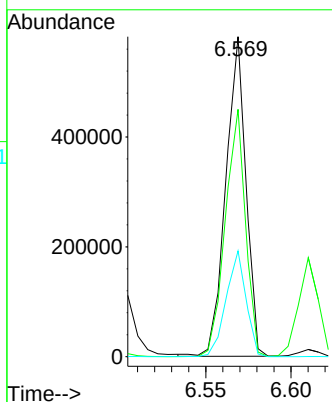
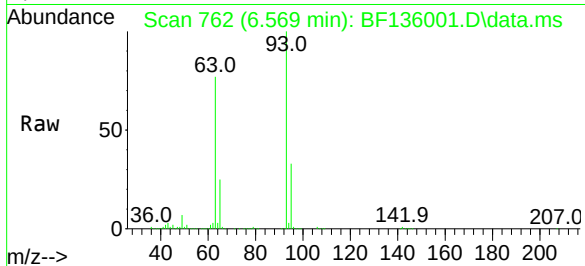
ClientSampleId :

PB156435BS

Tgt Ion: 93 Resp: 48028
Ion Ratio Lower Upper
93 100
63 77.3 56.2 96.2
95 33.1 12.9 52.9

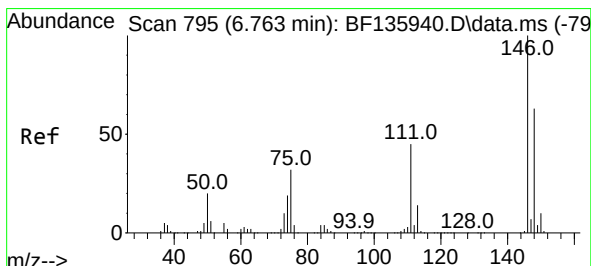
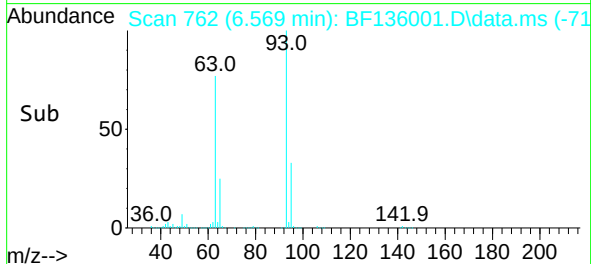
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



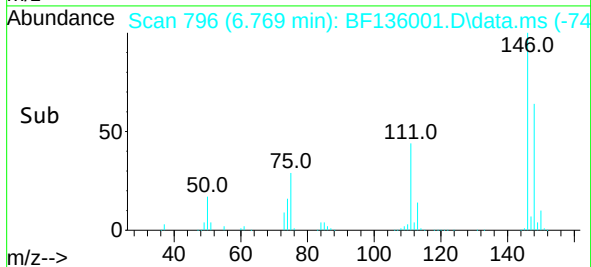
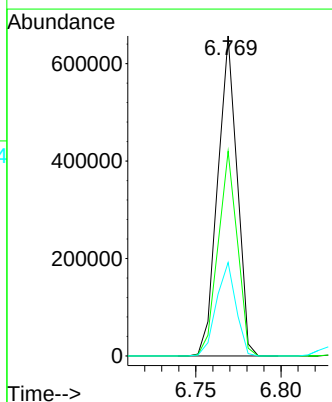
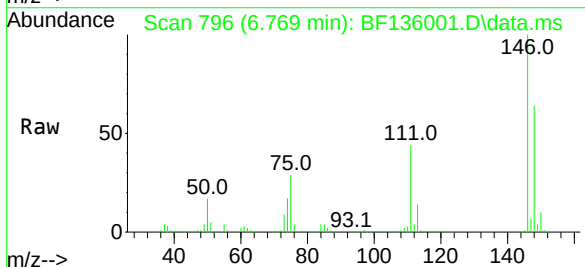
10/31/2023
Supervised By :mohammad
ahmed

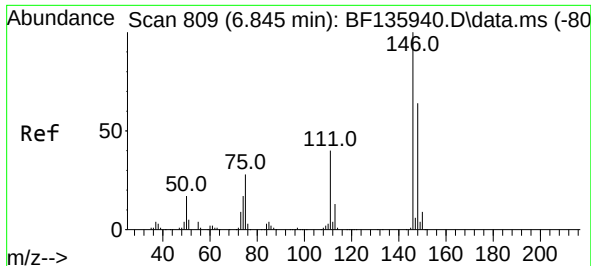
10/31/2023



#12
1,3-Dichlorobenzene
Concen: 47.010 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

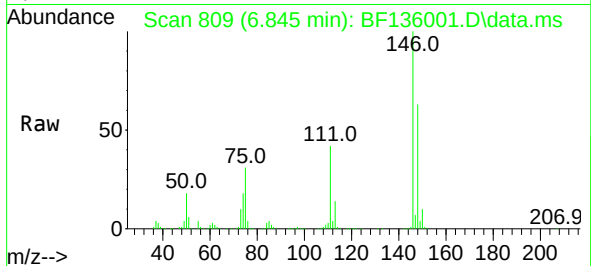
Tgt Ion:146 Resp: 520399
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 29.2 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 47.971 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

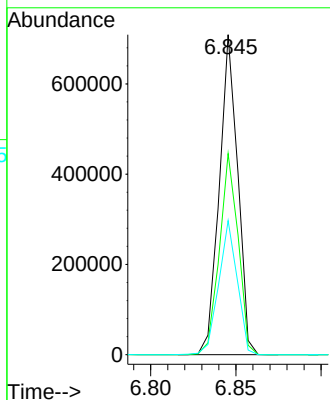
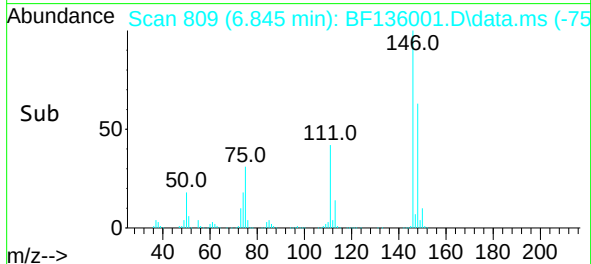
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:146 Resp: 53333
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
111 41.9 31.8 47.8

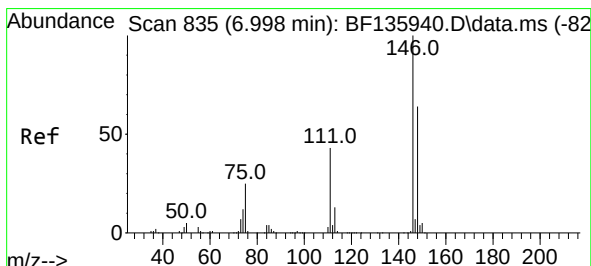
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

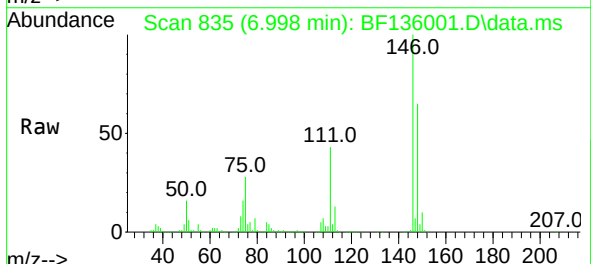


10/31/2023
Supervised By :mohammad
ahmed

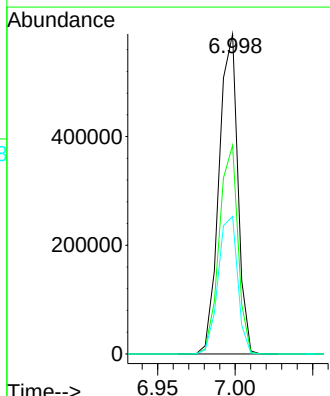
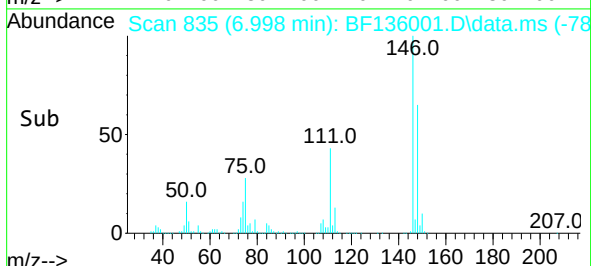
10/31/2023

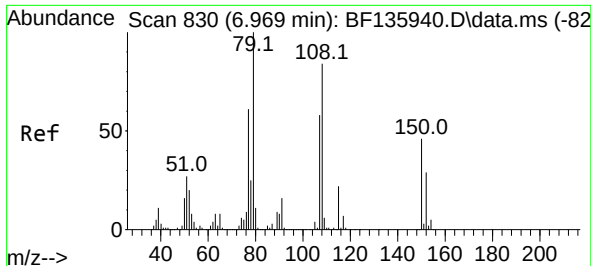


#14
1,2-Dichlorobenzene
Concen: 48.086 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



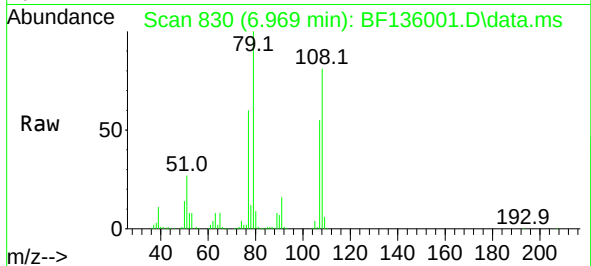
Tgt Ion:146 Resp: 496445
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 43.0 34.2 51.4





#15
Benzyl Alcohol
Concen: 38.531 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

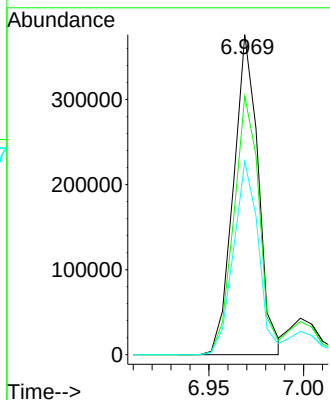
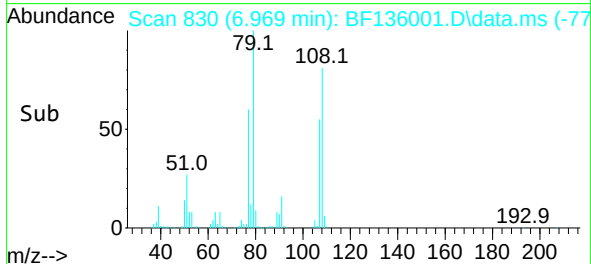
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion: 79 Resp: 341380
Ion Ratio Lower Upper
79 100
108 80.9 67.2 100.8
77 60.4 49.0 73.6

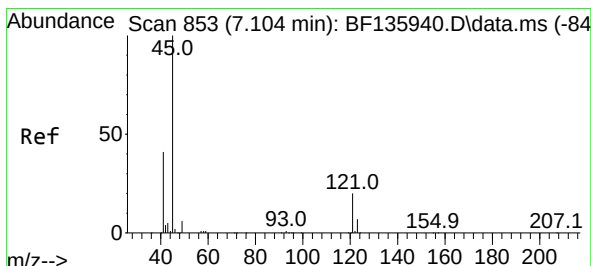
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

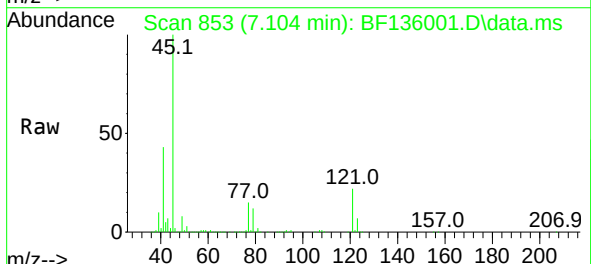


10/31/2023
Supervised By :mohammad
ahmed

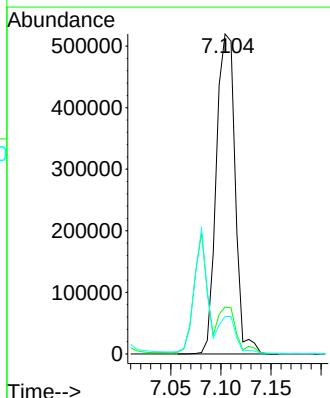
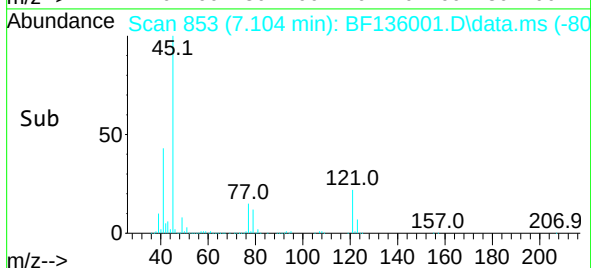
10/31/2023

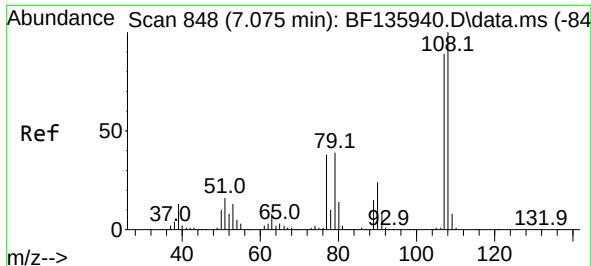


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.941 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



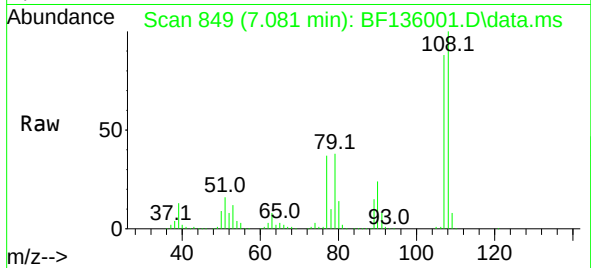
Tgt Ion: 45 Resp: 674990
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 11.7 0.0 29.8





#17
2-Methylphenol
Concen: 43.878 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

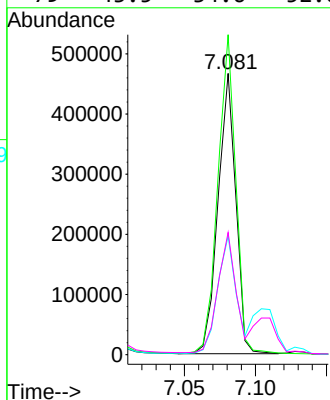
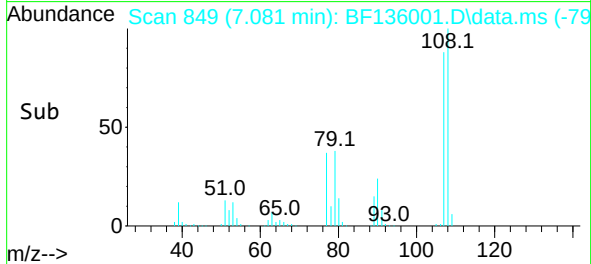
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:107 Resp: 40303
Ion Ratio Lower Upper
107 100
108 113.8 89.8 134.6
77 42.2 34.2 51.2
79 43.5 34.6 52.0

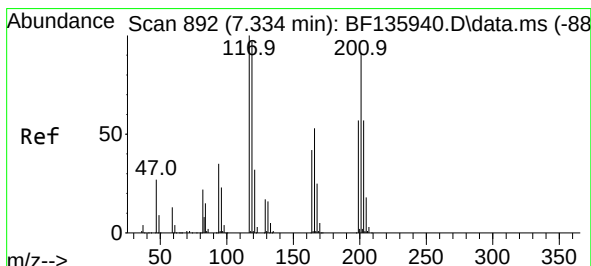
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



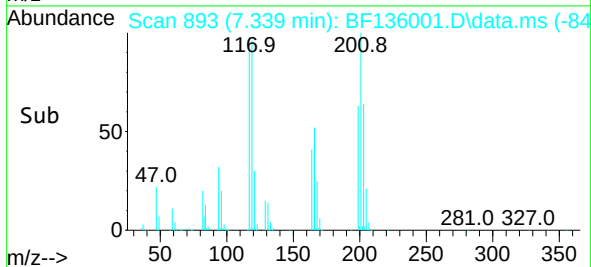
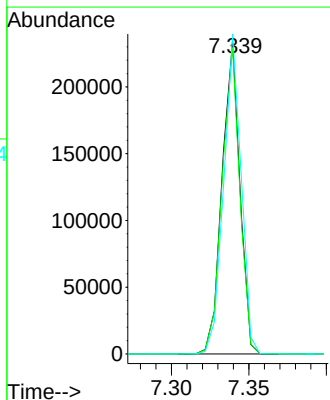
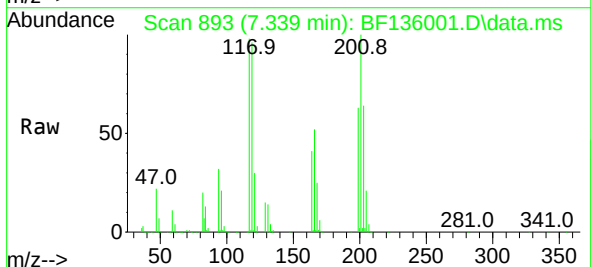
10/31/2023
Supervised By :mohammad
ahmed

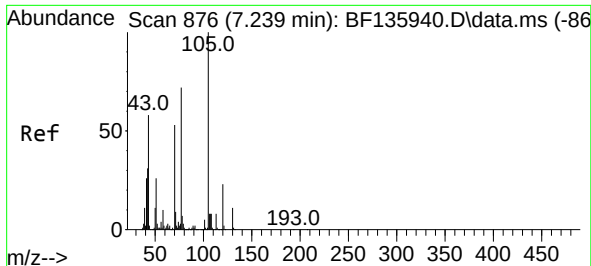
10/31/2023



#18
Hexachloroethane
Concen: 49.354 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:117 Resp: 186577
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
201 102.1 72.8 109.2





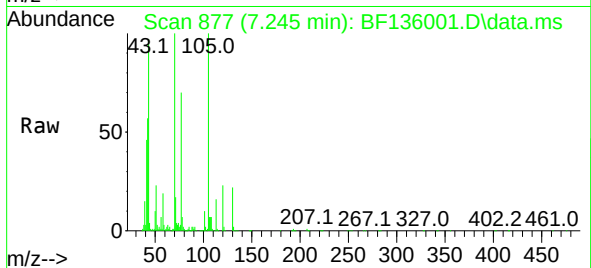
#19
n-Nitroso-di-n-propylamine
Concen: 45.291 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

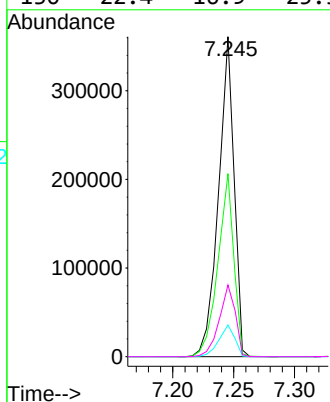
PB156435BS



Tgt Ion: 70 Resp: 322790
Ion Ratio Lower Upper
70 100
42 57.2 47.3 70.9
101 9.9 7.8 11.8
130 22.4 16.9 25.3

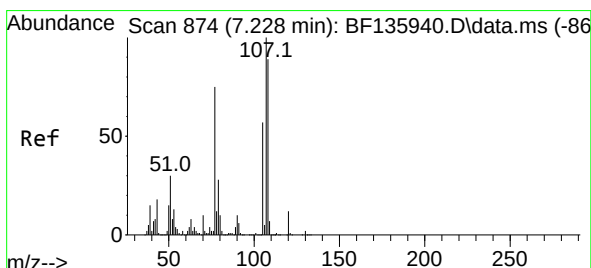
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



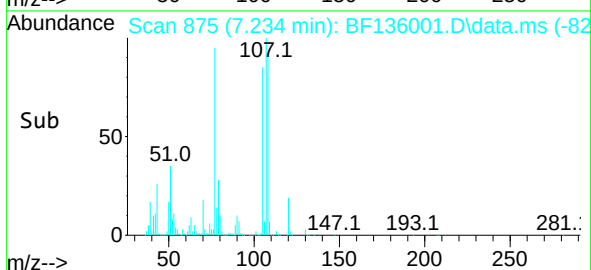
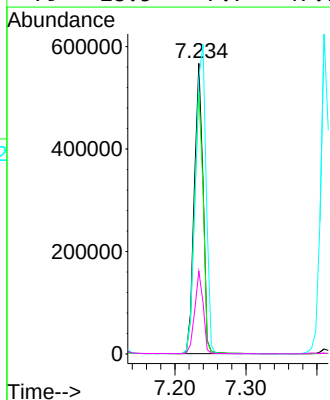
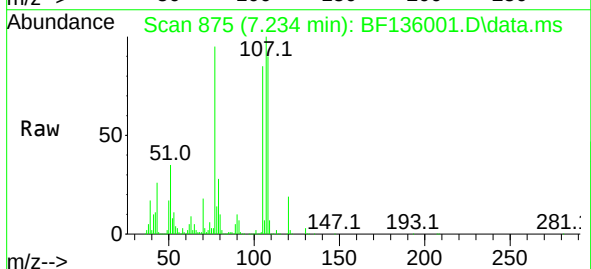
10/31/2023
Supervised By :mohammad
ahmed

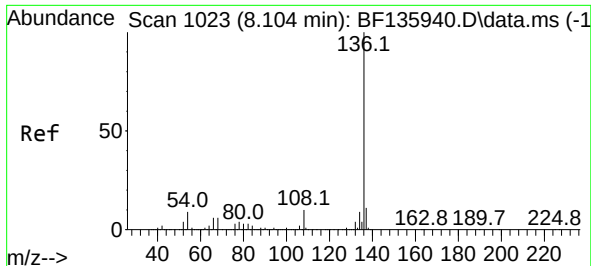
10/31/2023



#20
3+4-Methylphenols
Concen: 43.752 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:107 Resp: 485036
Ion Ratio Lower Upper
107 100
108 90.2 69.1 109.1
77 95.0 55.0 95.0
79 28.5 7.7 47.7





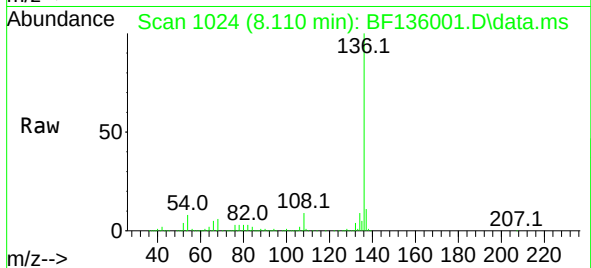
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

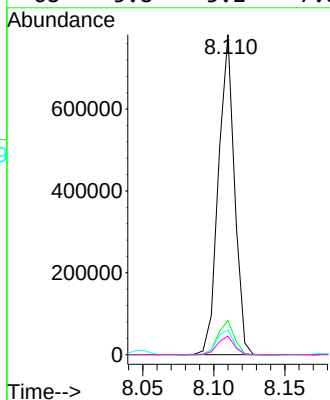
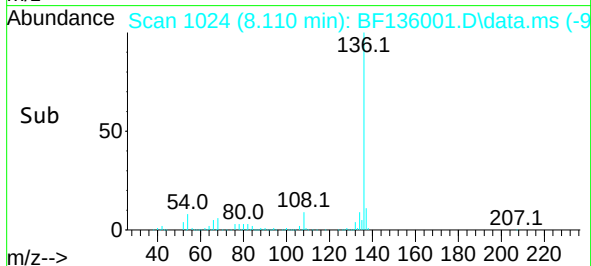
PB156435BS



Tgt Ion:136 Resp: 612760
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.7 7.1 10.7
68 5.8 5.2 7.8

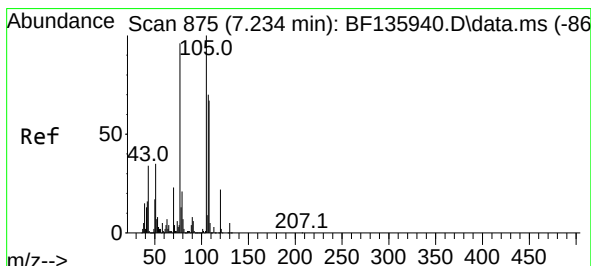
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



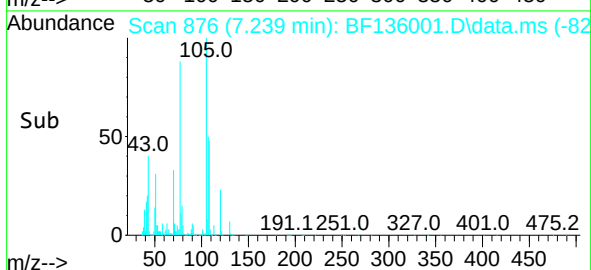
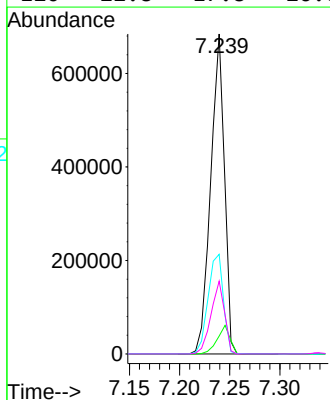
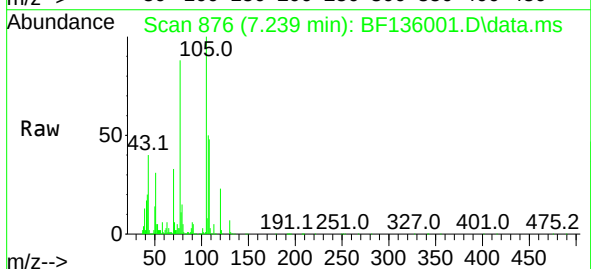
10/31/2023
Supervised By :mohammad
ahmed

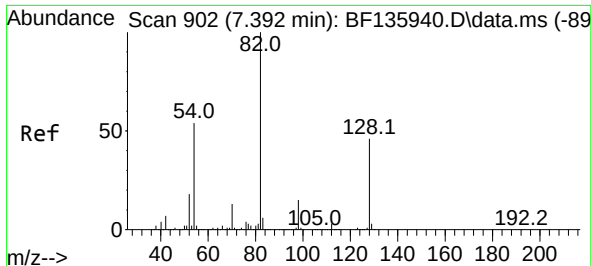
10/31/2023



#22
Acetophenone
Concen: 47.281 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:105 Resp: 654370
Ion Ratio Lower Upper
105 100
71 5.6 3.4 5.2#
51 31.2 28.4 42.6
120 22.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 98.251 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

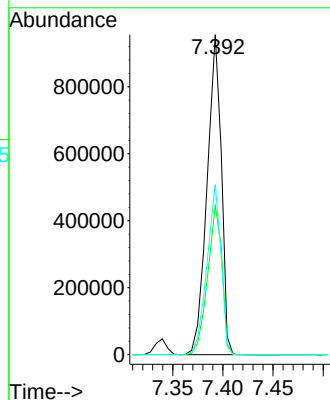
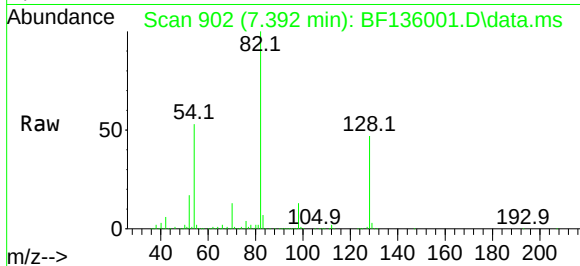
ClientSampleId :

PB156435BS

Tgt Ion: 82 Resp: 94866
Ion Ratio Lower Upper
82 100
128 46.5 36.8 55.2
54 53.2 43.4 65.0

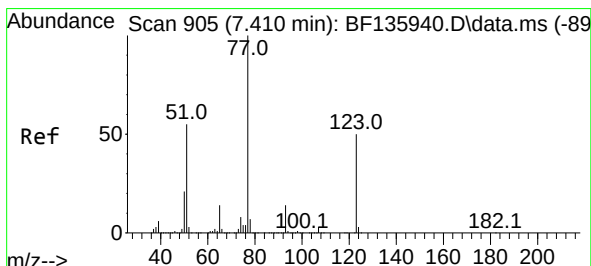
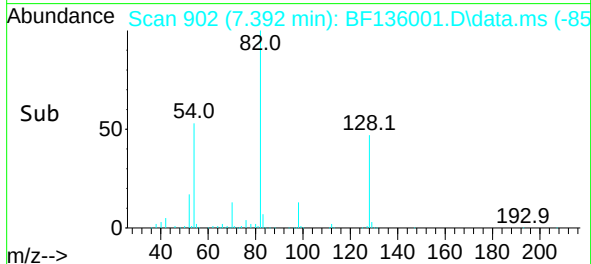
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



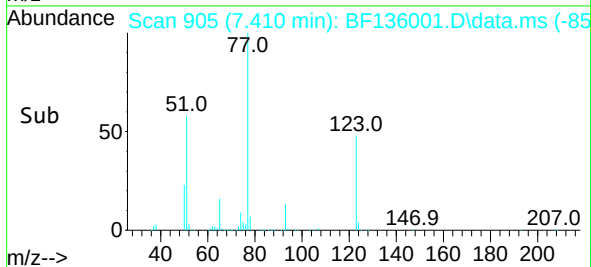
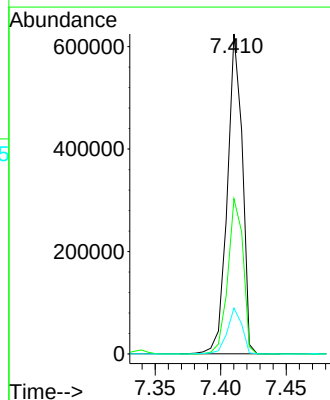
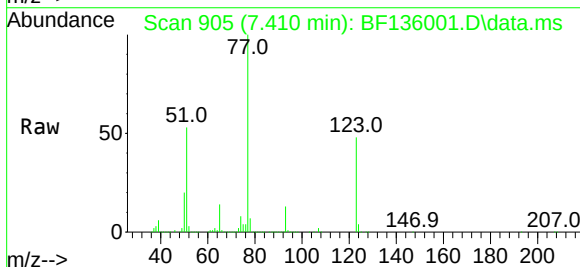
10/31/2023
Supervised By :mohammad
ahmed

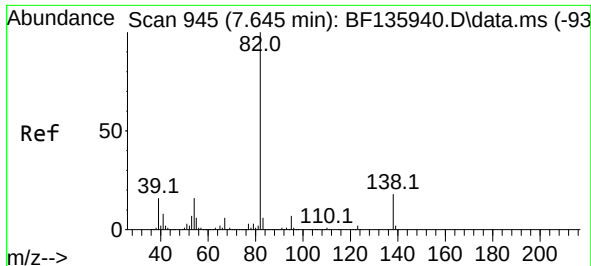
10/31/2023



#24
Nitrobenzene
Concen: 48.606 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

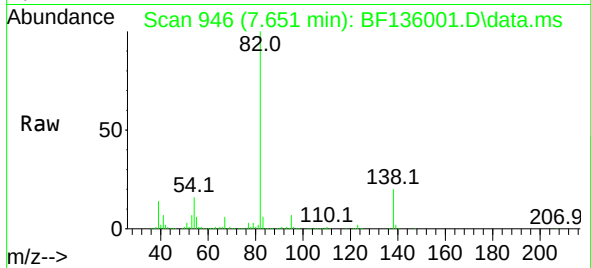
Tgt Ion: 77 Resp: 493594
Ion Ratio Lower Upper
77 100
123 48.5 40.2 60.2
65 14.4 11.0 16.4





#25
Isophorone
Concen: 47.322 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

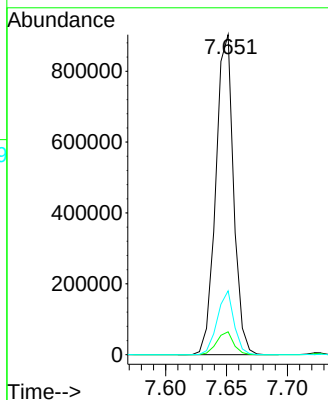
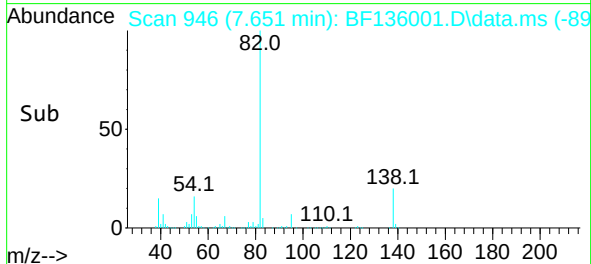
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion: 82 Resp: 916579
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.9 14.8 22.2

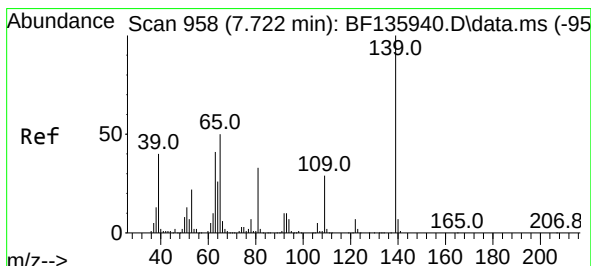
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

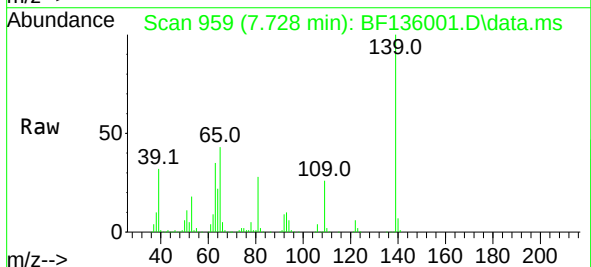


10/31/2023
Supervised By :mohammad
ahmed

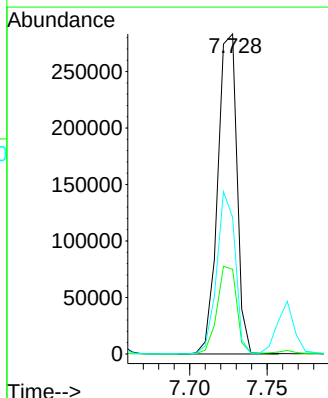
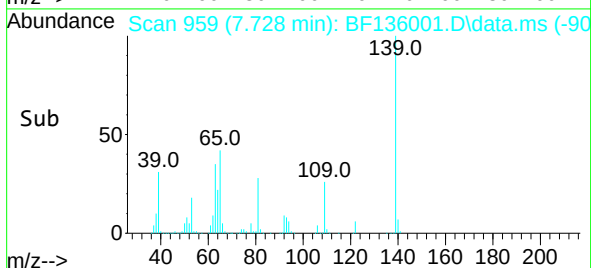
10/31/2023

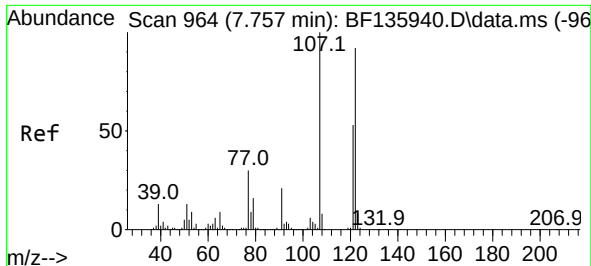


#26
2-Nitrophenol
Concen: 60.861 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion:139 Resp: 245159
Ion Ratio Lower Upper
139 100
109 26.5 23.1 34.7
65 42.7 39.8 59.8





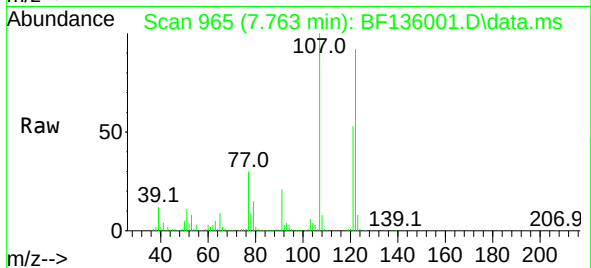
#27
2,4-Dimethylphenol
Concen: 44.280 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

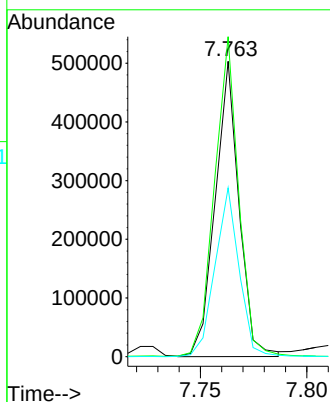
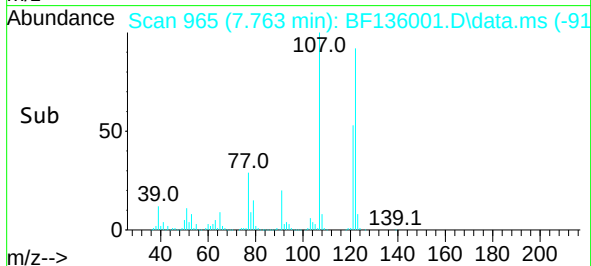
PB156435BS



Tgt Ion:122 Resp: 39089
Ion Ratio Lower Upper
122 100
107 108.3 87.1 130.7
121 57.1 45.9 68.9

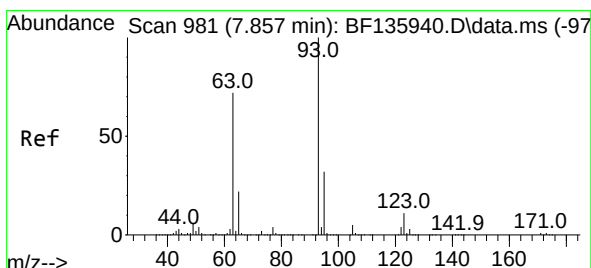
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



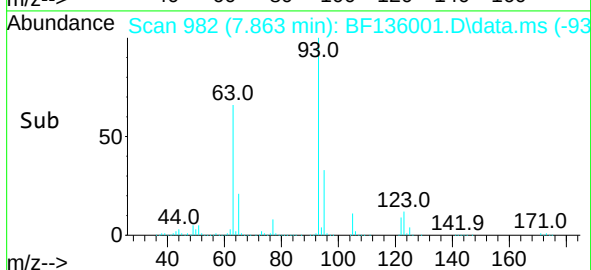
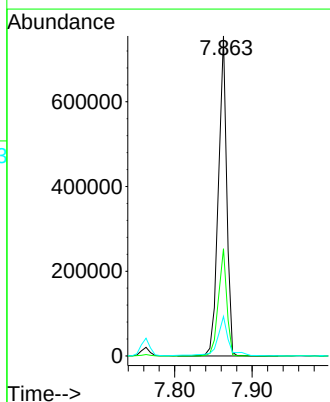
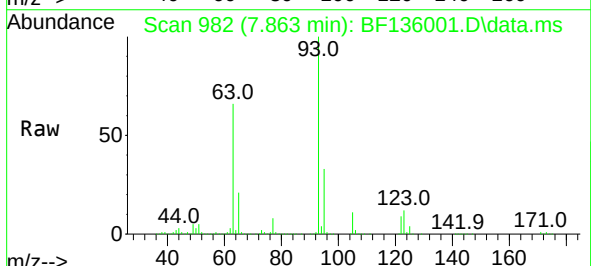
10/31/2023
Supervised By :mohammad
ahmed

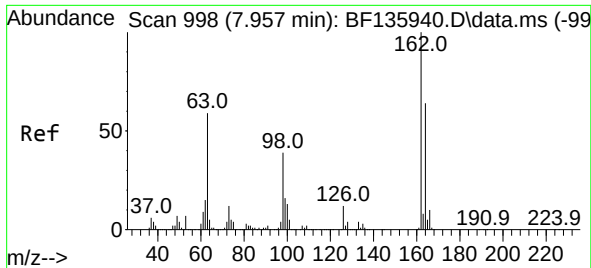
10/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.447 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion: 93 Resp: 564342
Ion Ratio Lower Upper
93 100
95 33.5 25.9 38.9
123 12.3 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 51.769 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

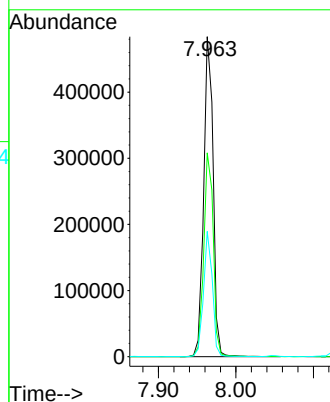
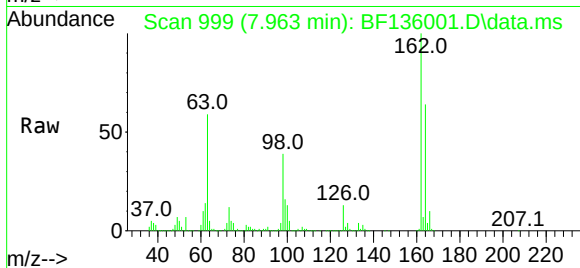
ClientSampleId :

PB156435BS

Tgt Ion:162 Resp: 409230
Ion Ratio Lower Upper
162 100
164 63.7 43.7 83.7
98 39.2 18.8 58.8

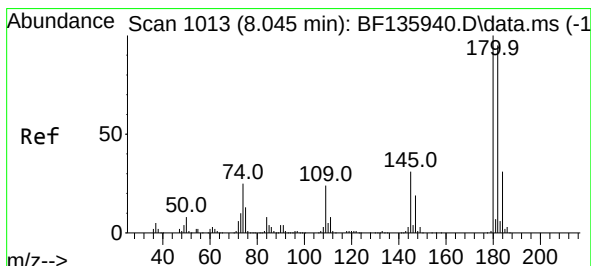
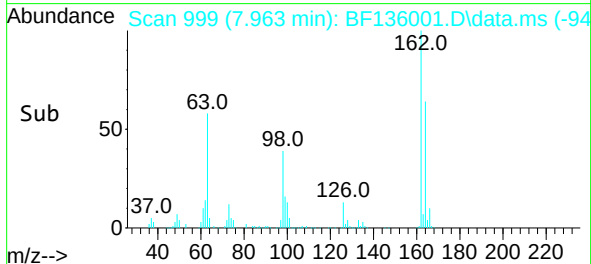
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



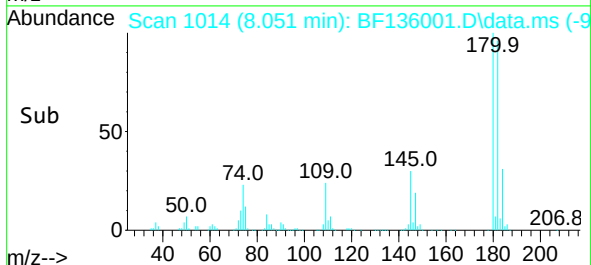
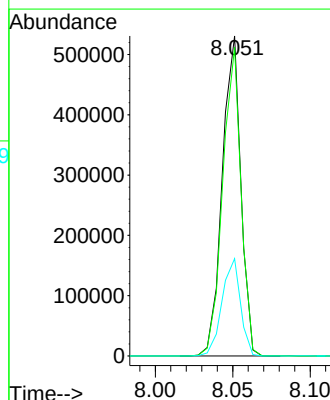
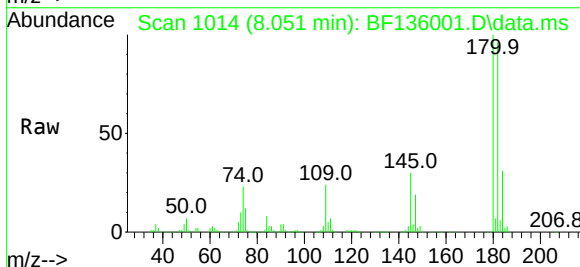
10/31/2023
Supervised By :mohammad
ahmed

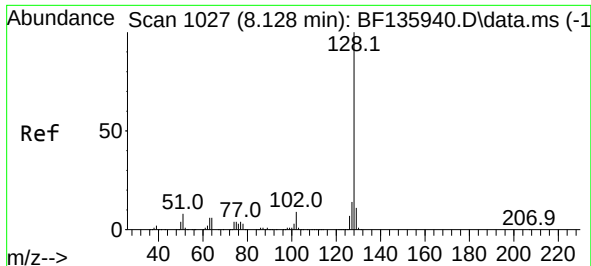
10/31/2023



#30
1,2,4-Trichlorobenzene
Concen: 49.380 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:180 Resp: 441963
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
145 30.4 24.6 36.8





#31
Naphthalene
Concen: 46.865 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

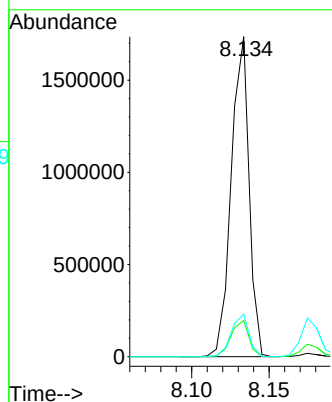
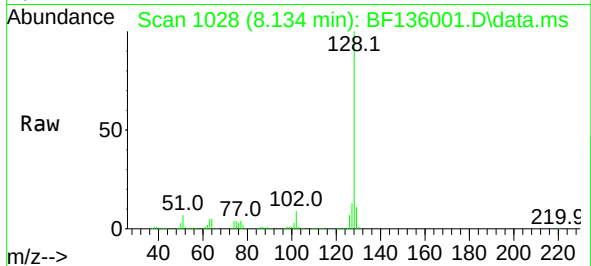
ClientSampleId :

PB156435BS

Tgt Ion:128 Resp: 138841
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.9 16.3

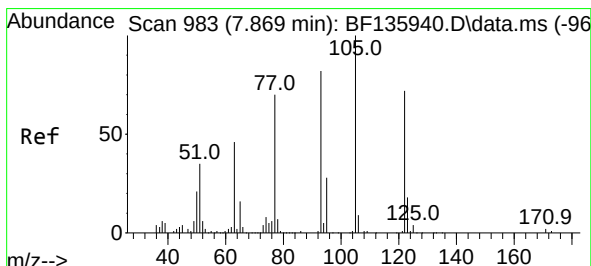
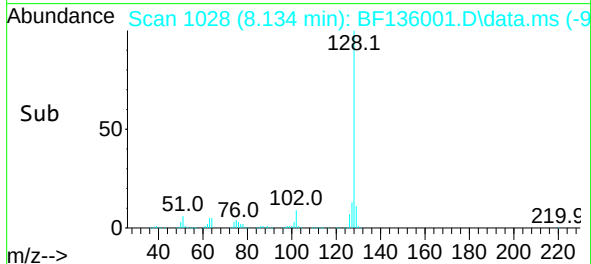
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



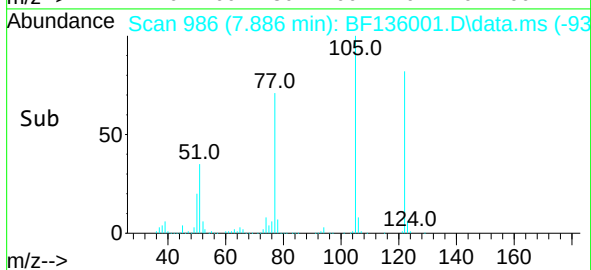
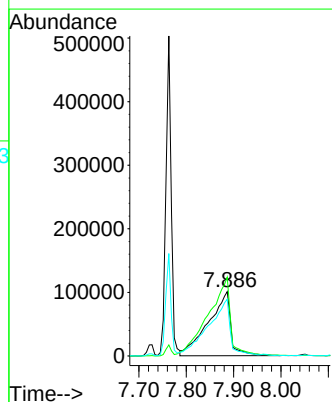
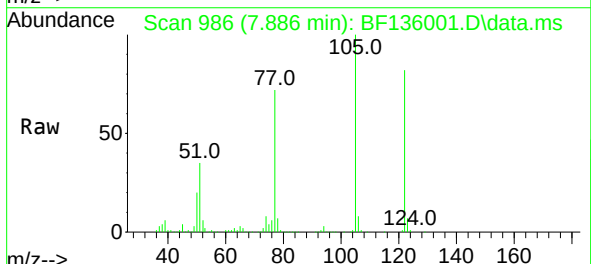
10/31/2023
Supervised By :mohammad
ahmed

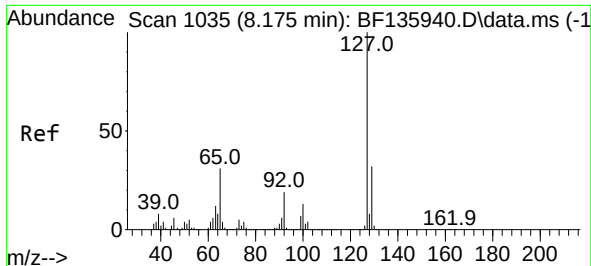
10/31/2023



#32
Benzoic acid
Concen: 64.637 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:122 Resp: 333049
Ion Ratio Lower Upper
122 100
105 122.5 113.1 153.1
77 88.2 75.2 115.2





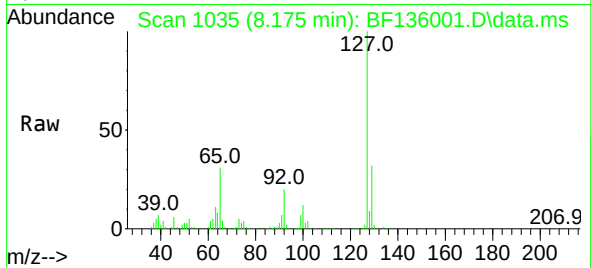
#33
4-Chloroaniline
Concen: 13.990 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

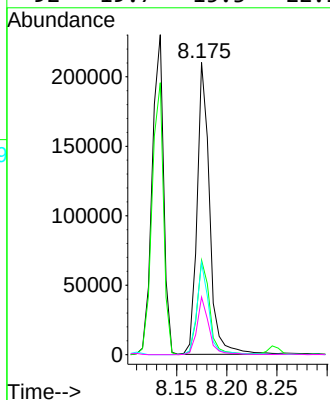
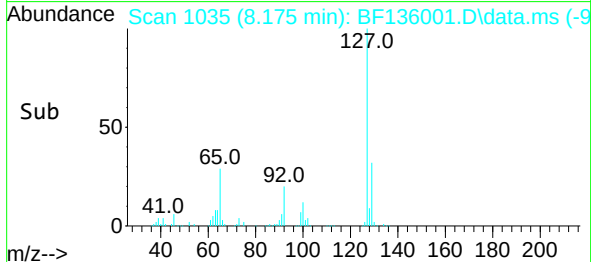
PB156435BS



Tgt Ion:127 Resp: 183192
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 31.5 24.8 37.2
92 19.7 15.3 22.9

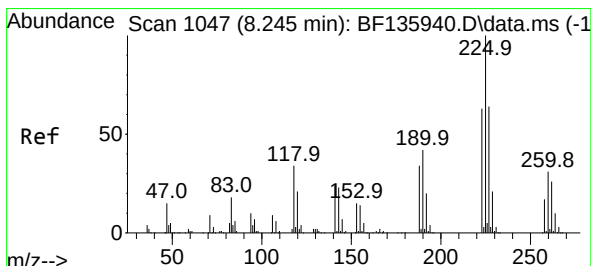
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



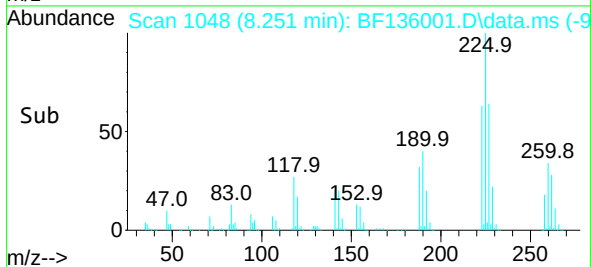
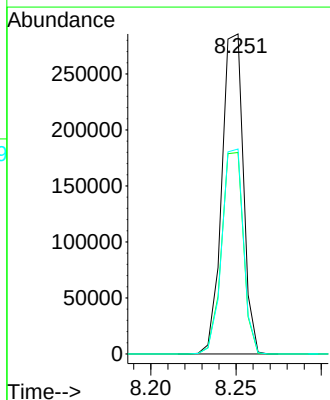
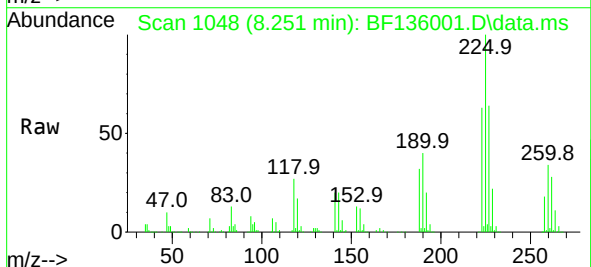
10/31/2023
Supervised By :mohammad
ahmed

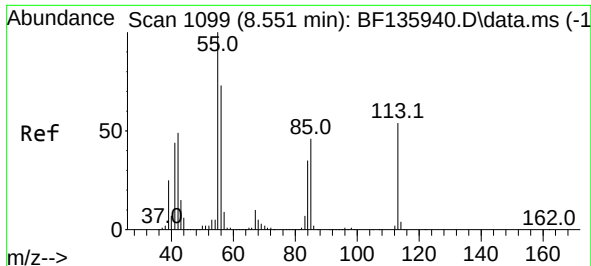
10/31/2023



#34
Hexachlorobutadiene
Concen: 49.482 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

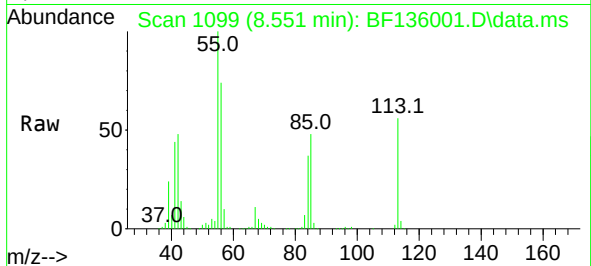
Tgt Ion:225 Resp: 249624
Ion Ratio Lower Upper
225 100
223 62.9 50.6 75.8
227 64.1 50.9 76.3





#35
 Caprolactam
 Concen: 54.781 ng/ml
 RT: 8.551 min Scan# 1099
 Delta R.T. 0.000 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

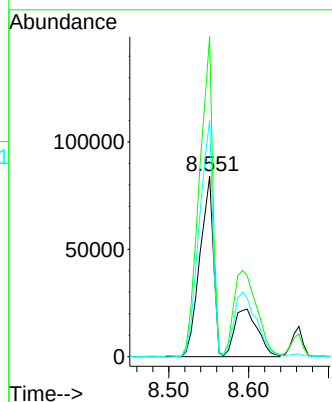
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS



Tgt Ion:113 Resp: 14410
 Ion Ratio Lower Upper
 113 100
 55 177.4 165.4 205.4
 56 131.3 115.2 155.2

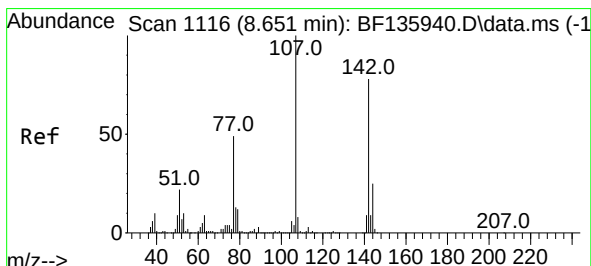
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



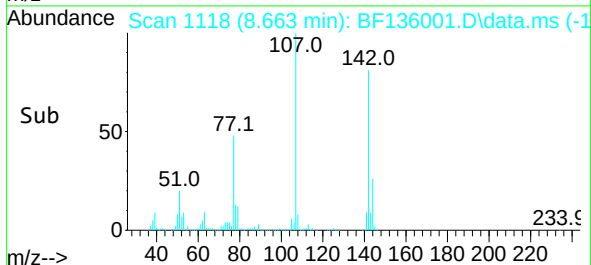
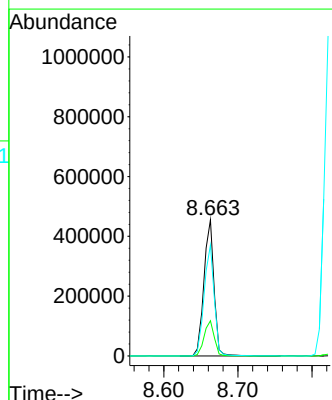
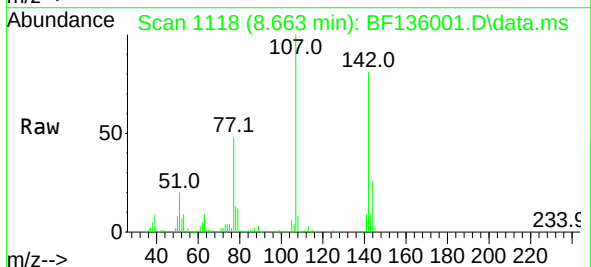
10/31/2023
 Supervised By :mohammad
 ahmed

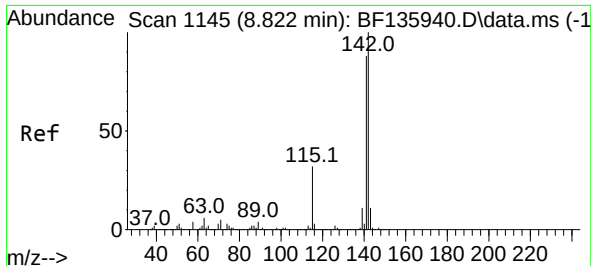
10/31/2023



#36
 4-Chloro-3-methylphenol
 Concen: 51.537 ng/ml
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Tgt Ion:107 Resp: 432945
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.9 29.9
 142 81.5 62.8 94.2





#37
2-Methylnaphthalene
Concen: 45.803 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

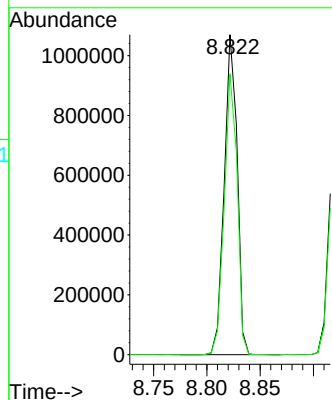
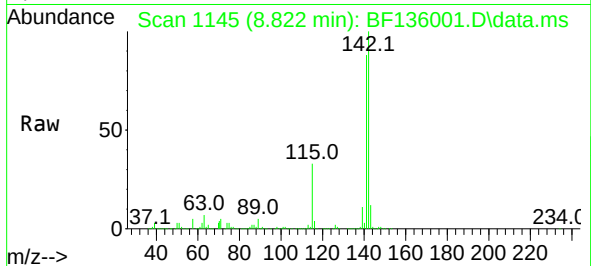
ClientSampleId :

PB156435BS

Tgt Ion:142 Resp: 897800
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6

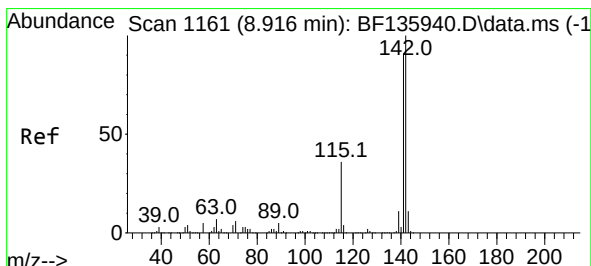
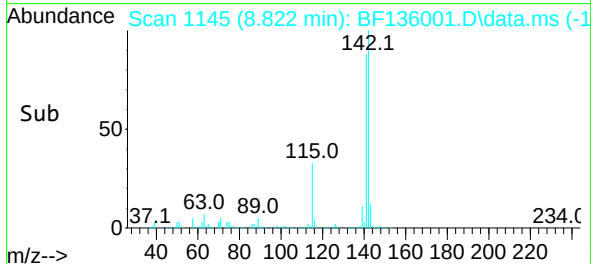
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



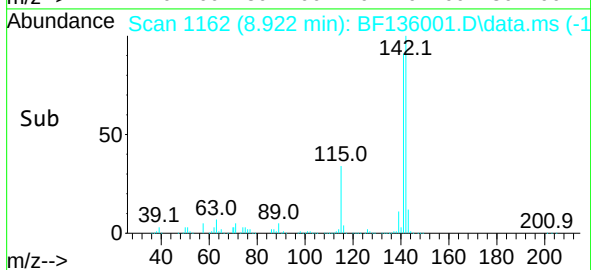
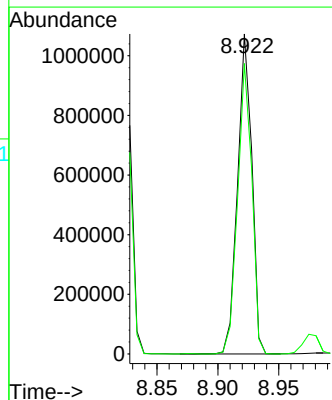
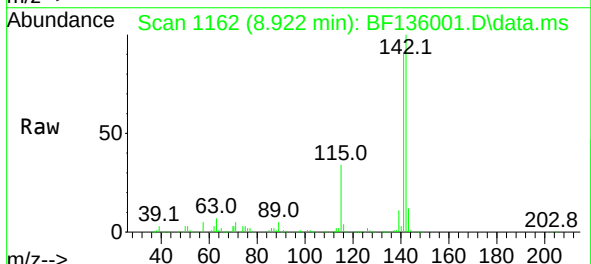
10/31/2023
Supervised By :mohammad
ahmed

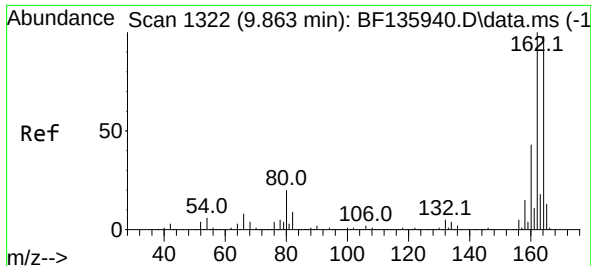
10/31/2023



#38
1-Methylnaphthalene
Concen: 47.546 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:142 Resp: 870839
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF136001.D

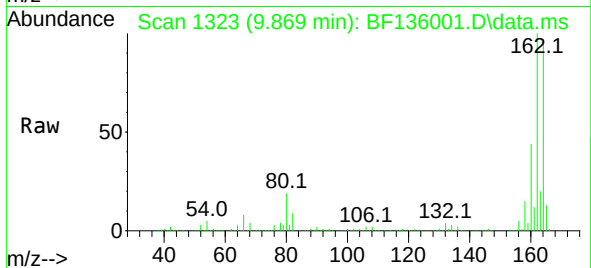
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS



Tgt Ion:164 Resp: 31542

Ion Ratio Lower Upper

164 100

162 102.6 82.0 123.0

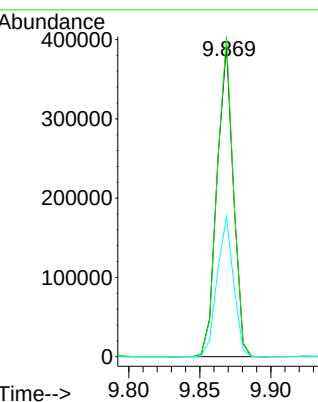
160 44.9 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

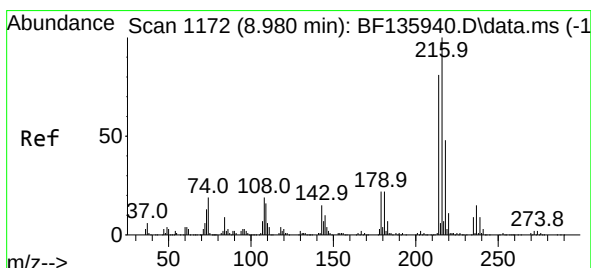
Patel



10/31/2023

Supervised By :mohammad
ahmed

10/31/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.953 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Tgt Ion:216 Resp: 427205

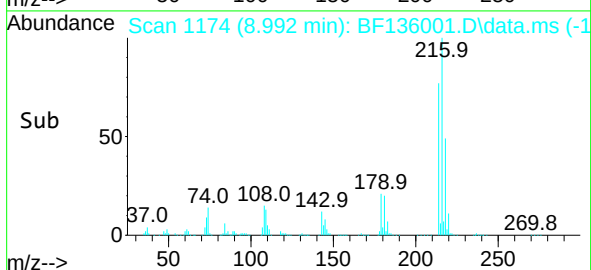
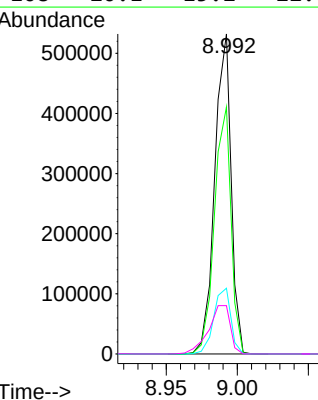
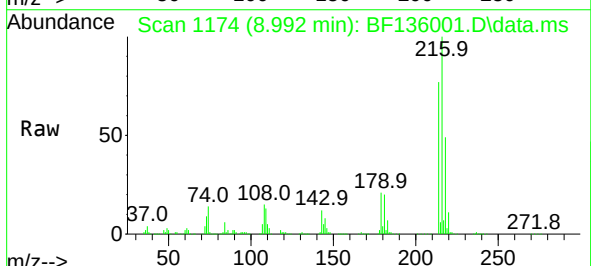
Ion Ratio Lower Upper

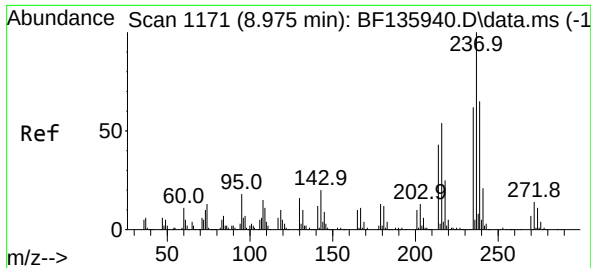
216 100

214 78.2 63.3 94.9

179 21.4 17.3 25.9

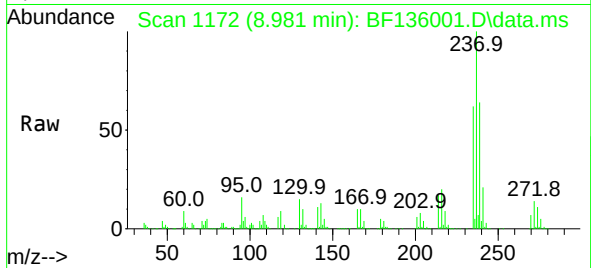
108 20.1 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 114.270 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

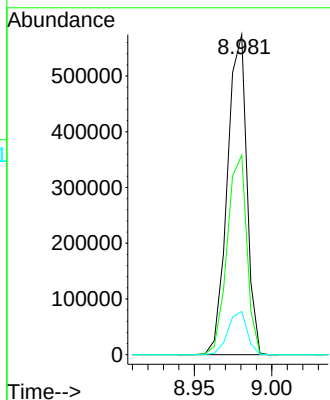
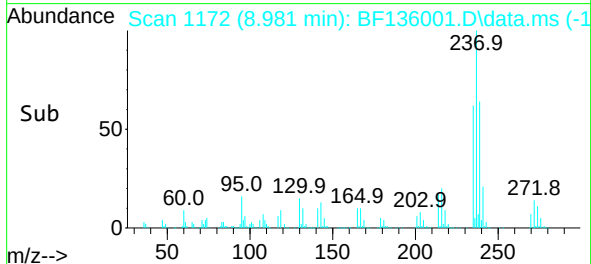
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:237 Resp: 501969
Ion Ratio Lower Upper
237 100
235 62.4 41.7 81.7
272 13.5 0.0 33.6

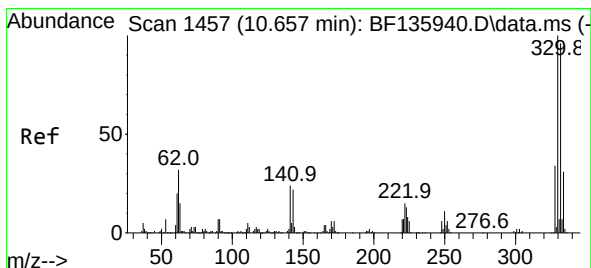
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

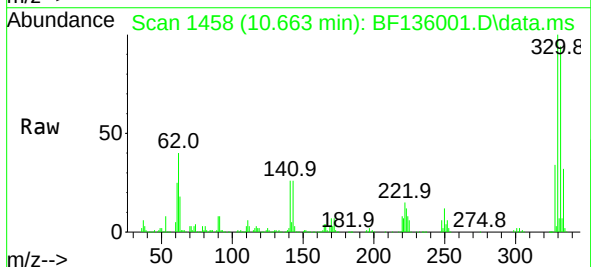


10/31/2023
Supervised By :mohammad
ahmed

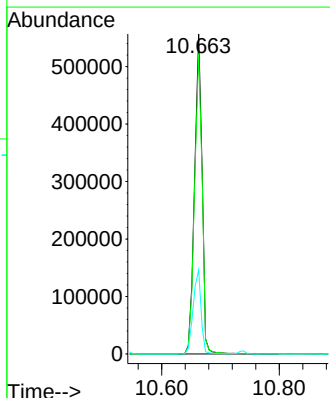
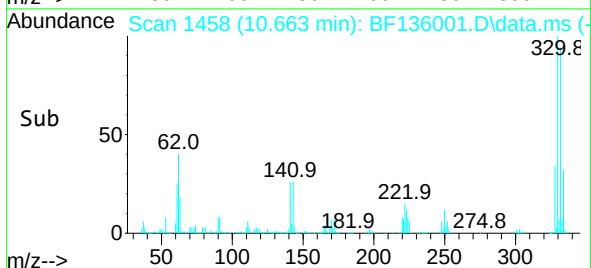
10/31/2023

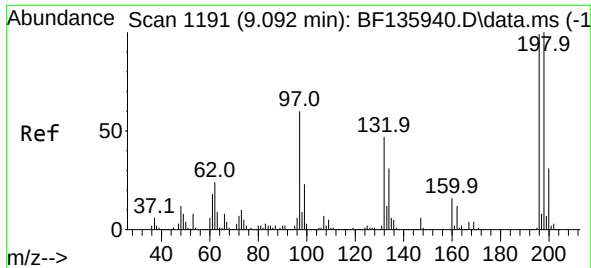


#42
2,4,6-Tribromophenol
Concen: 178.857 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion:330 Resp: 493811
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.2
141 27.7 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 55.914 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

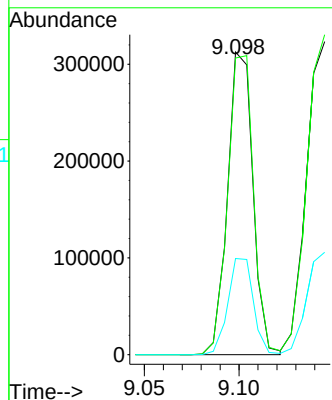
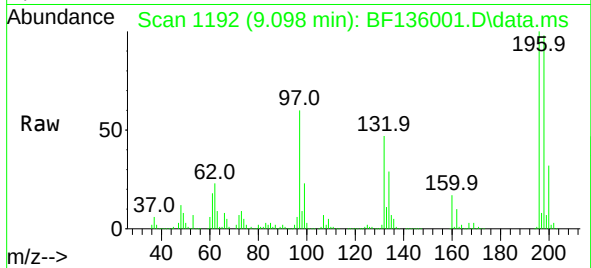
ClientSampleId :

PB156435BS

Tgt Ion:196 Resp: 291550
Ion Ratio Lower Upper
196 100
198 98.0 81.0 121.4
200 31.7 25.4 38.0

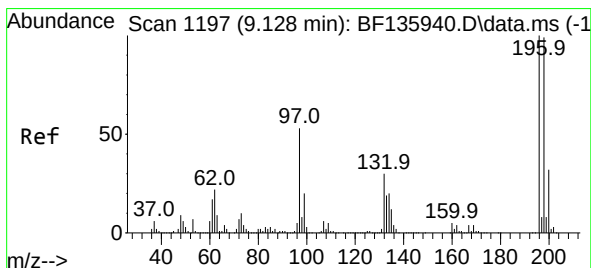
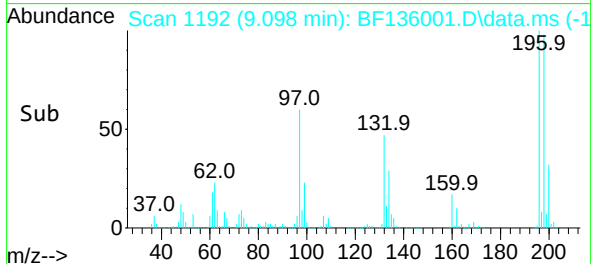
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



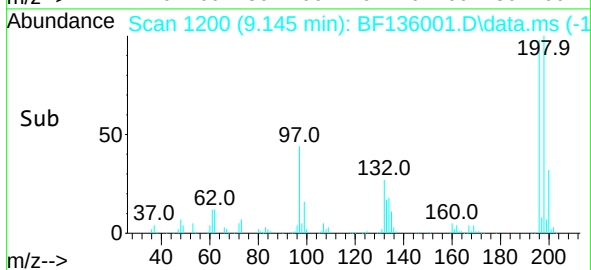
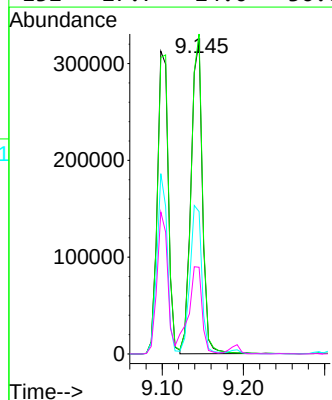
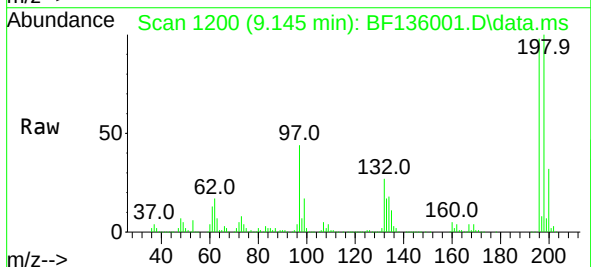
10/31/2023
Supervised By :mohammad
ahmed

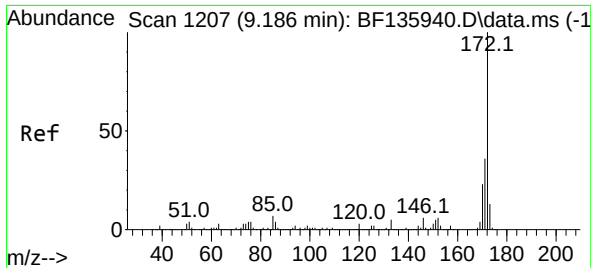
10/31/2023



#44
2,4,5-Trichlorophenol
Concen: 51.240 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.018 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:196 Resp: 317227
Ion Ratio Lower Upper
196 100
198 102.2 79.1 118.7
97 45.5 42.3 63.5
132 27.7 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 87.372 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

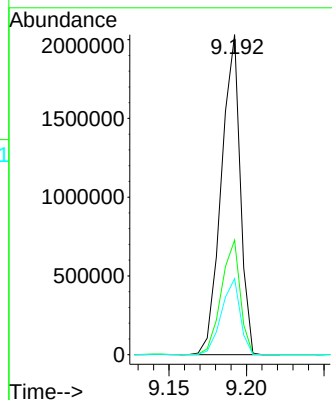
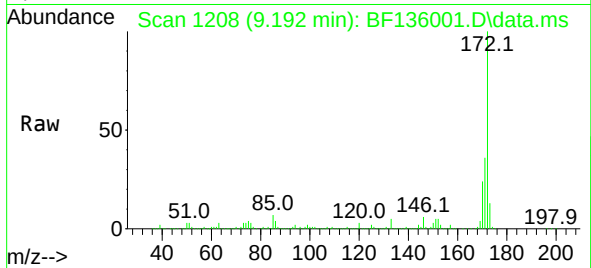
ClientSampleId :

PB156435BS

Tgt Ion:172 Resp: 172113
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 18.6 28.0

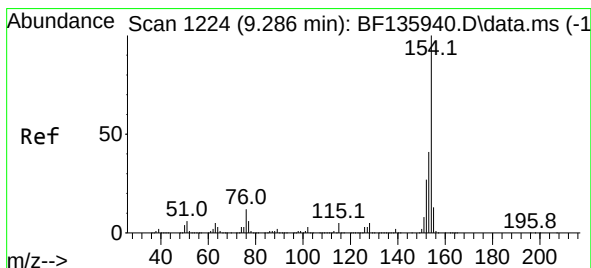
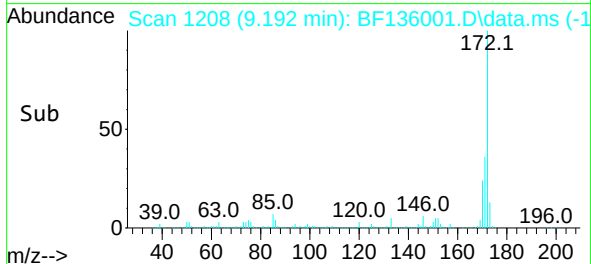
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



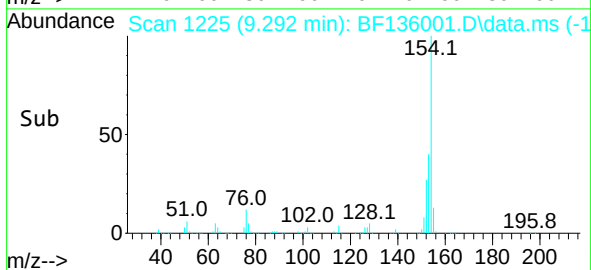
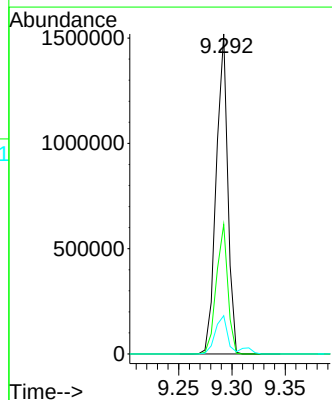
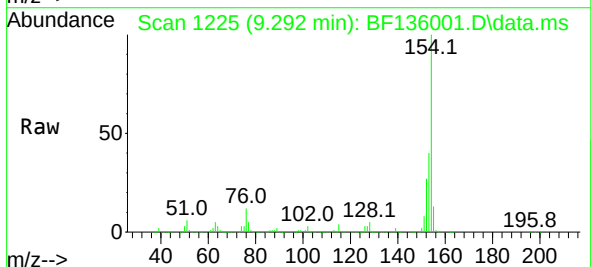
10/31/2023
Supervised By :mohammad
ahmed

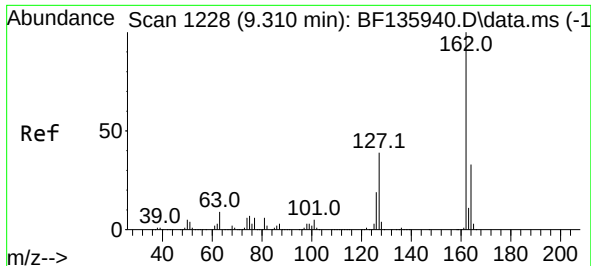
10/31/2023



#46
1,1'-Biphenyl
Concen: 47.725 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:154 Resp: 1140675
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.0 0.0 32.4





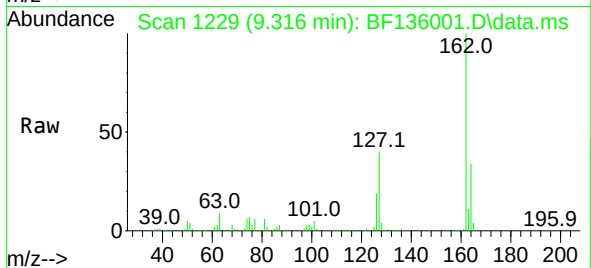
#47
2-Chloronaphthalene
Concen: 49.417 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

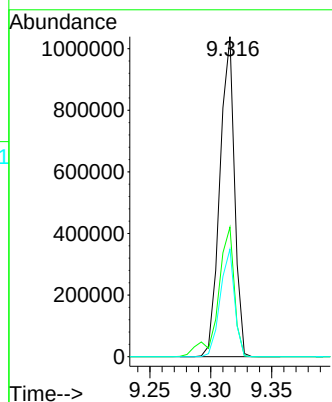
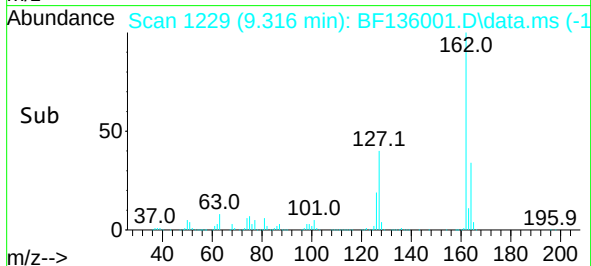
PB156435BS



Tgt Ion:162 Resp: 873632
Ion Ratio Lower Upper
162 100
127 40.4 31.0 46.4
164 33.6 26.6 39.8

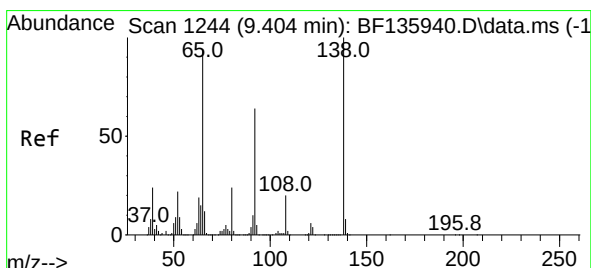
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



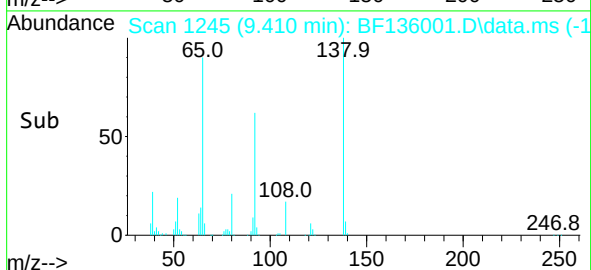
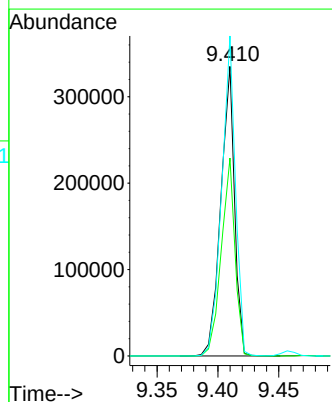
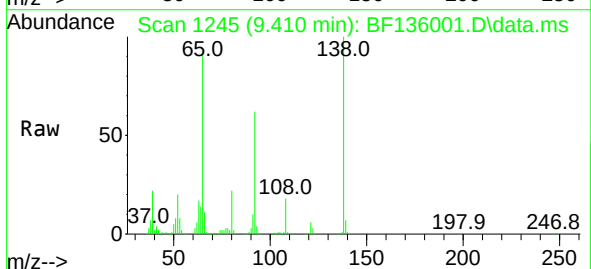
10/31/2023
Supervised By :mohammad
ahmed

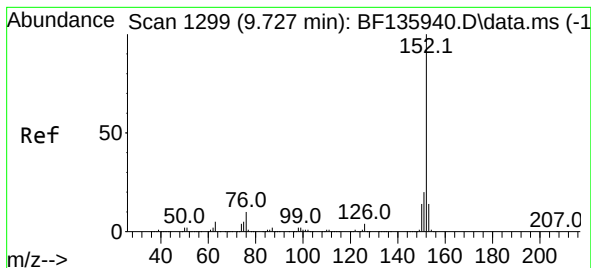
10/31/2023



#48
2-Nitroaniline
Concen: 53.432 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion: 65 Resp: 264846
Ion Ratio Lower Upper
65 100
92 68.3 54.9 82.3
138 110.5 85.2 127.8





#49

Acenaphthylene

Concen: 49.707 ng

RT: 9.733 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Tgt Ion:152 Resp: 138631

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

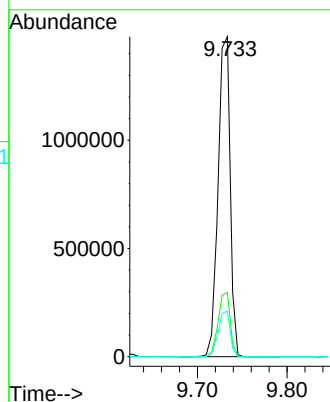
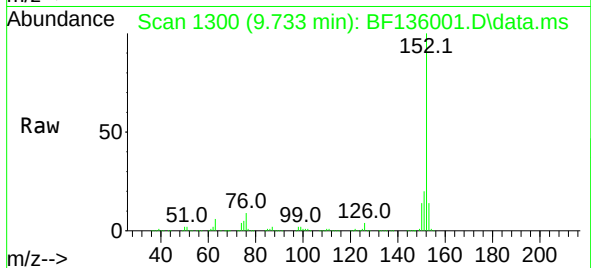
153 14.2 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

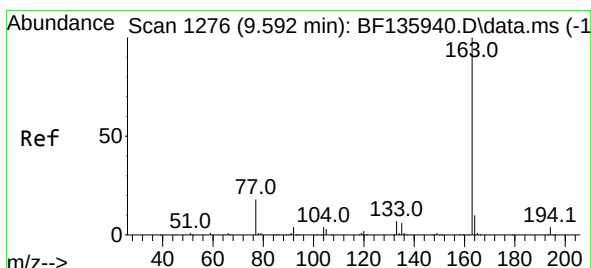
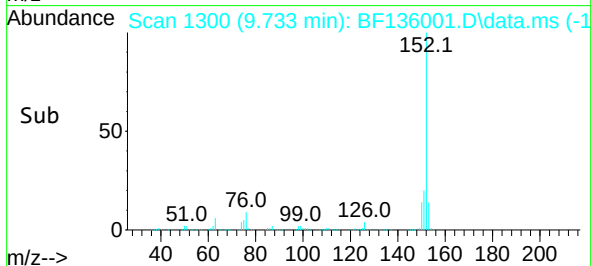
Patel



10/31/2023

Supervised By :mohammad
ahmed

10/31/2023



#50

Dimethylphthalate

Concen: 49.128 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

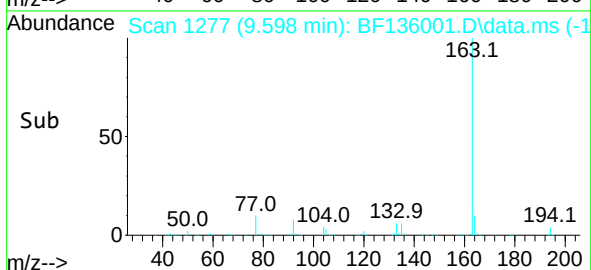
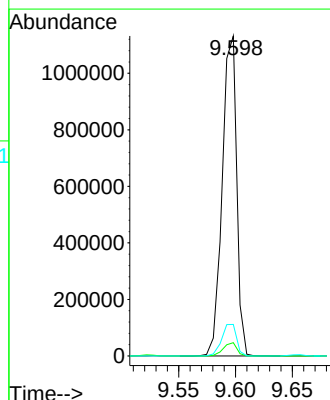
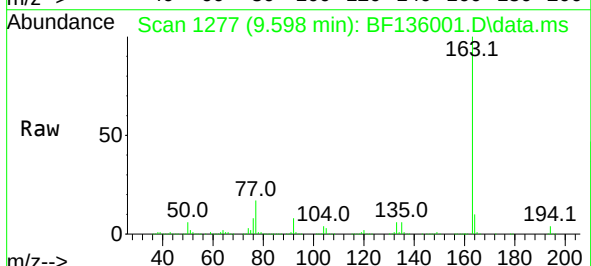
Tgt Ion:163 Resp: 1004920

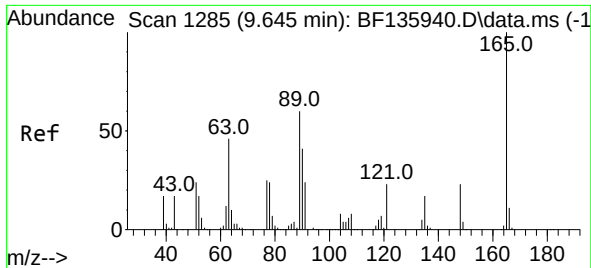
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 53.862 ng
RT: 9.657 min Scan# 1285
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

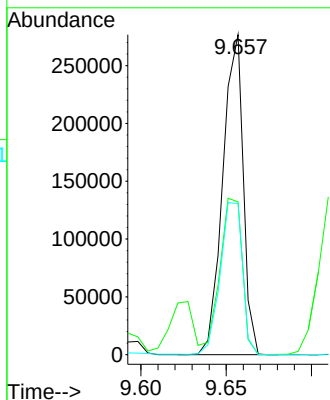
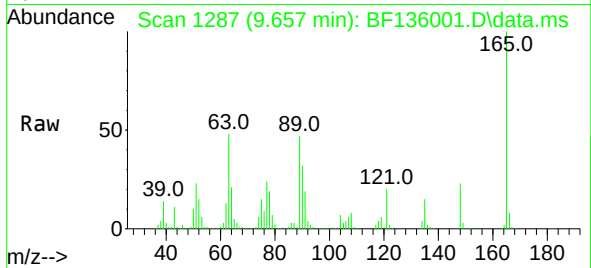
ClientSampleId :

PB156435BS

Tgt Ion:165 Resp: 23121
Ion Ratio Lower Upper
165 100
63 47.8 51.7 77.5
89 47.2 48.3 72.5

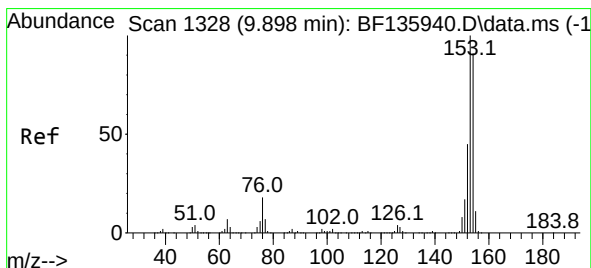
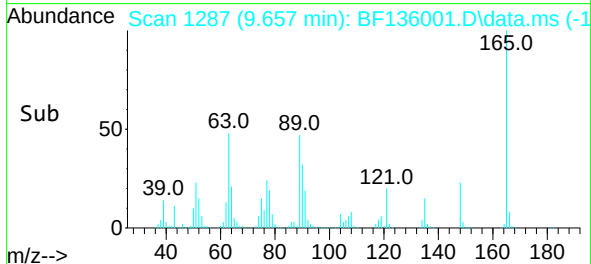
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



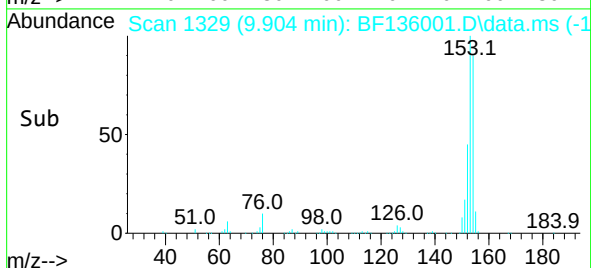
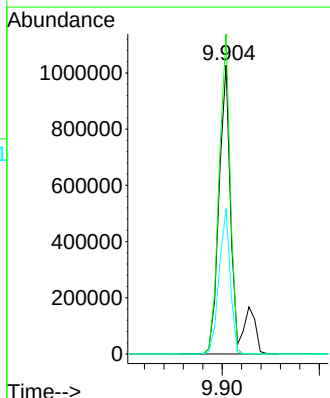
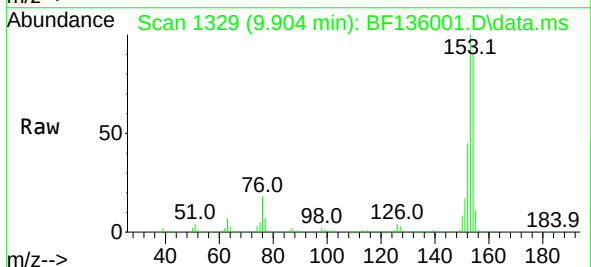
10/31/2023
Supervised By :mohammad
ahmed

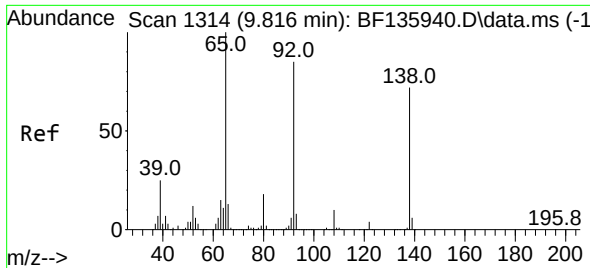
10/31/2023



#52
Acenaphthene
Concen: 53.863 ng m
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:154 Resp: 962731
Ion Ratio Lower Upper
154 100
153 110.8 88.0 132.0
152 50.4 39.4 59.2





#53
3-Nitroaniline
Concen: 33.442 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

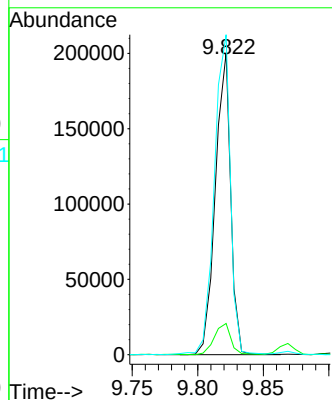
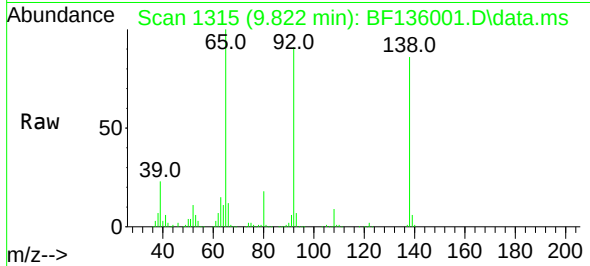
ClientSampleId :

PB156435BS

Tgt Ion:138 Resp: 161930
Ion Ratio Lower Upper
138 100
108 10.3 11.3 16.9
92 106.0 95.0 142.6

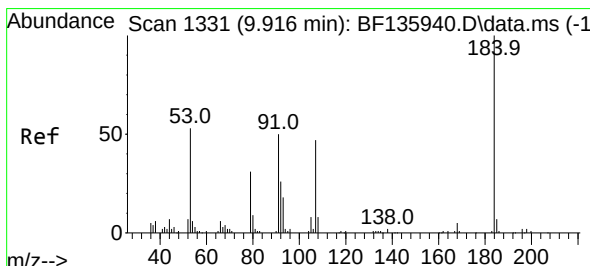
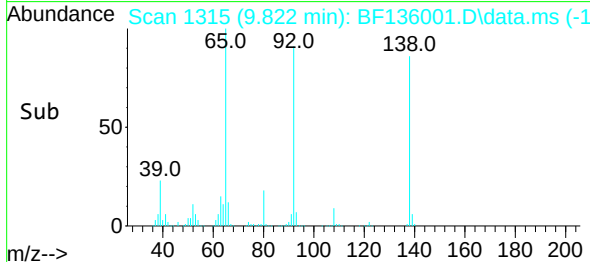
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



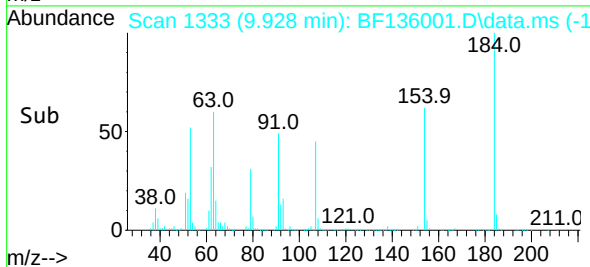
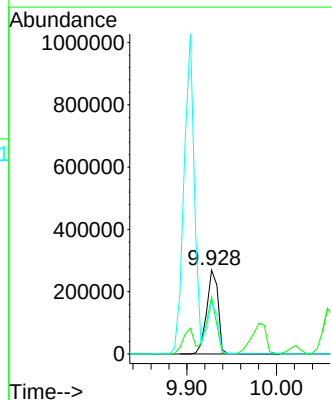
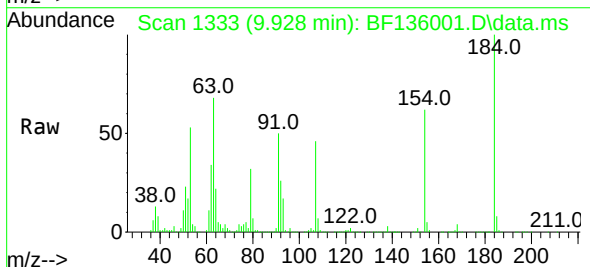
10/31/2023
Supervised By :mohammad
ahmed

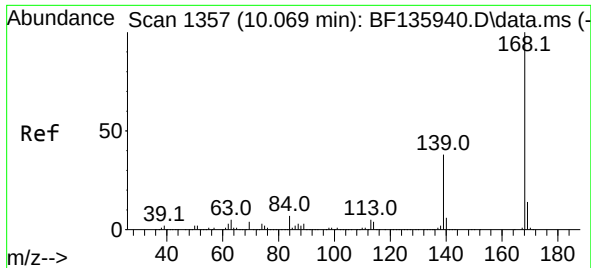
10/31/2023



#54
2,4-Dinitrophenol
Concen: 110.582 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

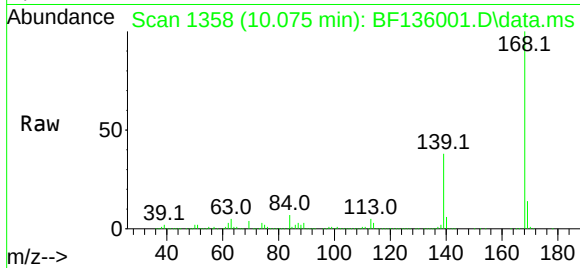
Tgt Ion:184 Resp: 238354
Ion Ratio Lower Upper
184 100
63 68.0 56.3 84.5
154 62.2 48.1 72.1





#55
Dibenzofuran
Concen: 47.657 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

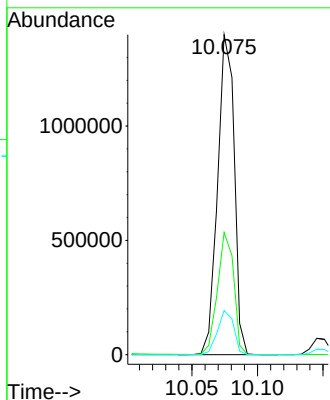
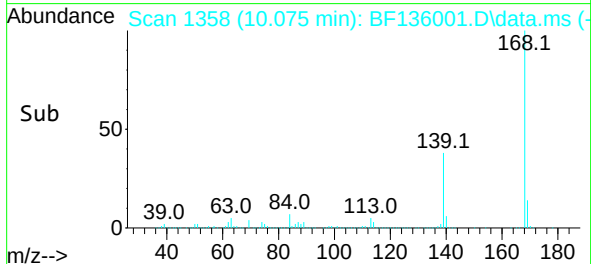
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:168 Resp: 123056
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.8 11.1 16.7

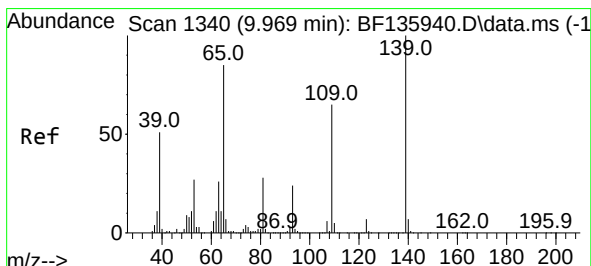
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



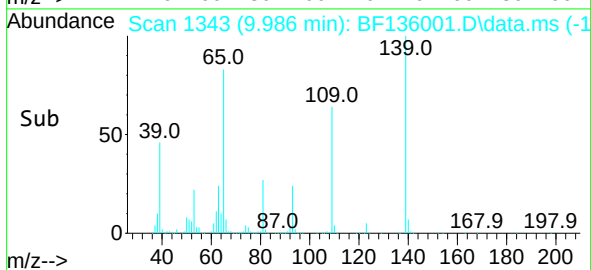
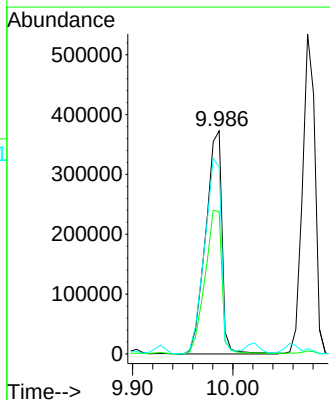
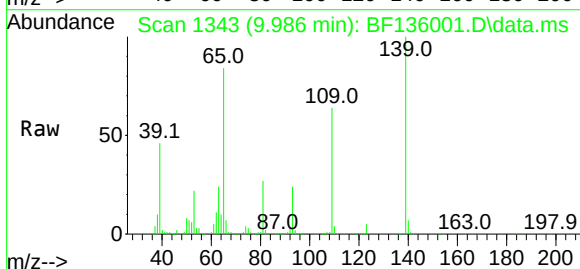
10/31/2023
Supervised By :mohammad
ahmed

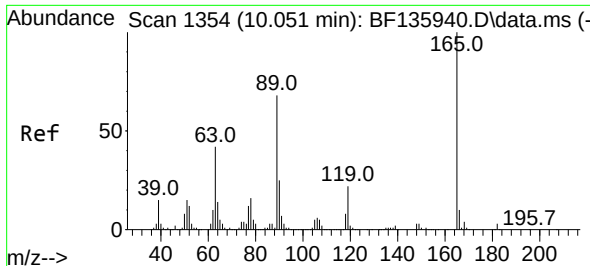
10/31/2023



#56
4-Nitrophenol
Concen: 101.139 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.017 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:139 Resp: 424658
Ion Ratio Lower Upper
139 100
109 63.7 45.2 85.2
65 83.6 65.1 105.1





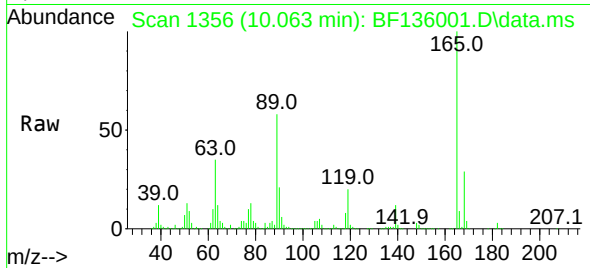
#57
2,4-Dinitrotoluene
Concen: 57.033 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

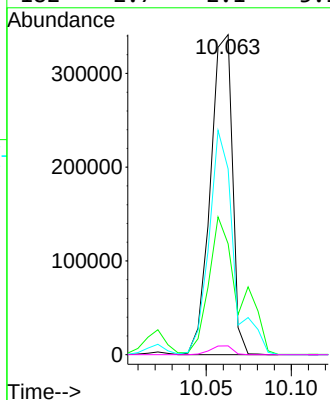
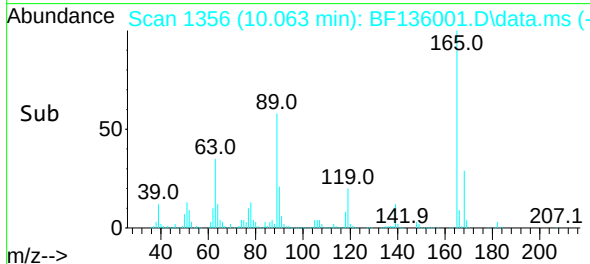
PB156435BS



Tgt Ion:165 Resp: 30593
Ion Ratio Lower Upper
165 100
63 34.6 33.7 50.5
89 58.1 54.6 81.8
182 2.7 2.1 3.1

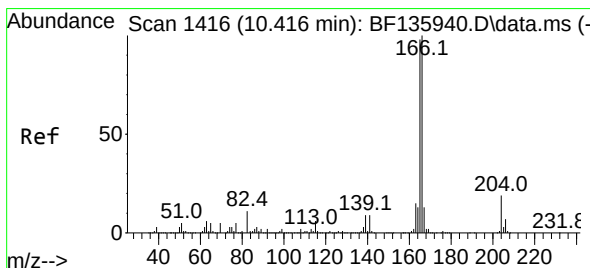
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

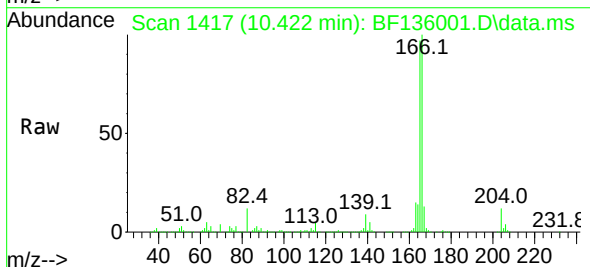


10/31/2023
Supervised By :mohammad
ahmed

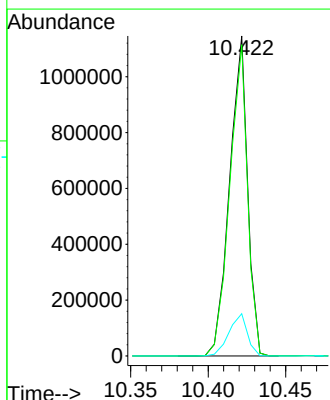
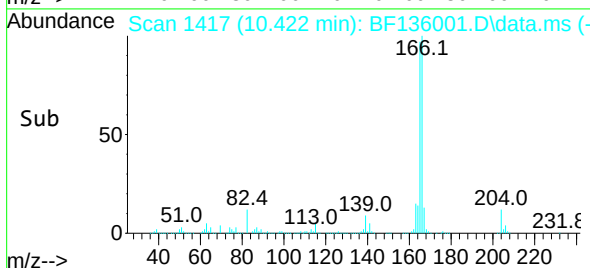
10/31/2023

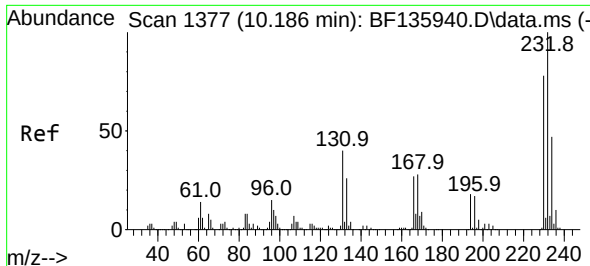


#58
Fluorene
Concen: 47.843 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion:166 Resp: 924249
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.434 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

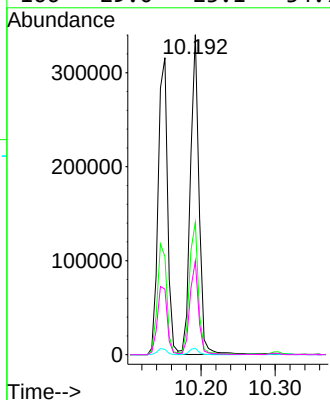
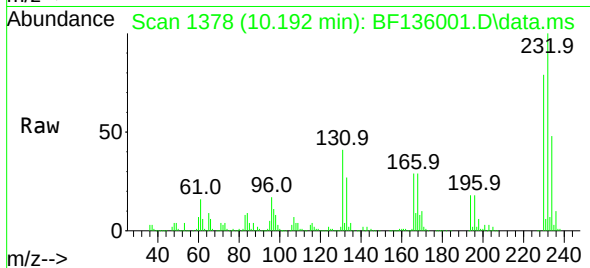
ClientSampleId :

PB156435BS

Tgt Ion:232 Resp: 27688
Ion Ratio Lower Upper
232 100
131 42.5 35.2 52.8
130 2.1 1.7 2.5
166 29.0 23.1 34.7

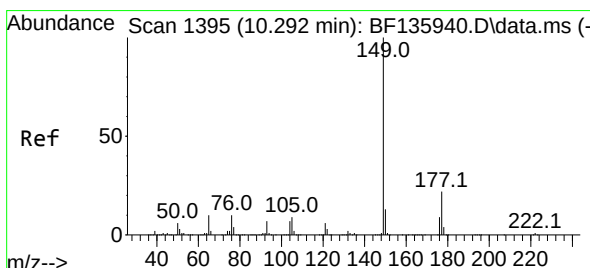
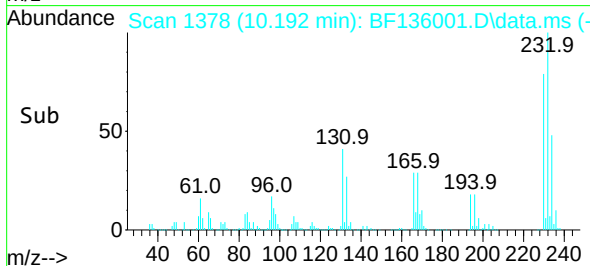
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



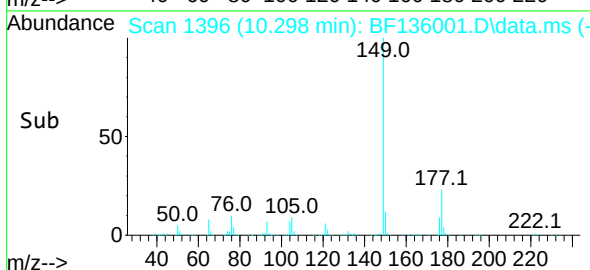
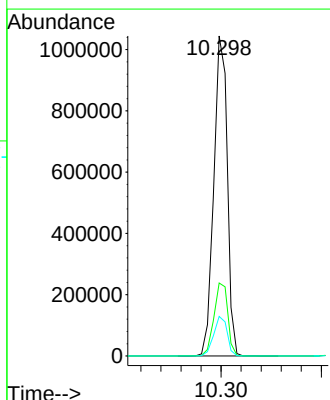
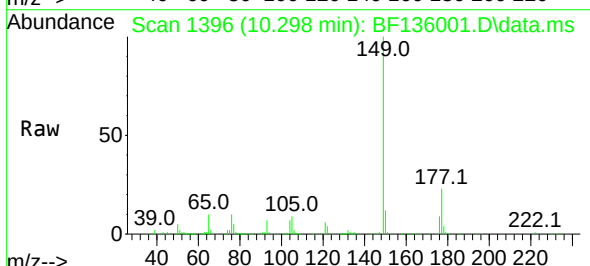
10/31/2023
Supervised By :mohammad
ahmed

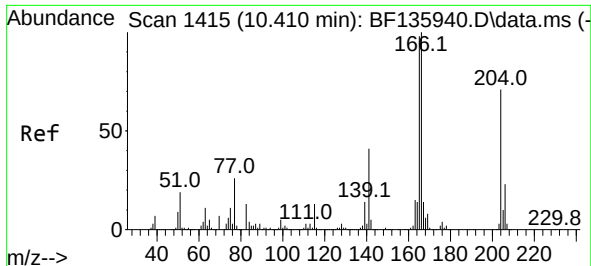
10/31/2023



#60
Diethylphthalate
Concen: 49.900 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:149 Resp: 973339
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.4 10.2 15.2





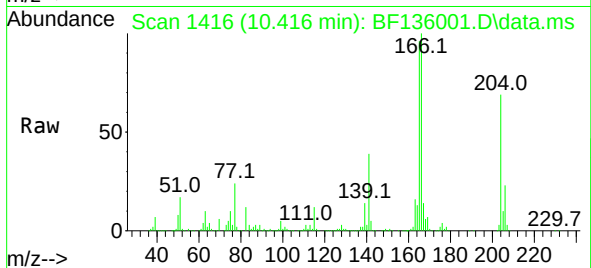
#61
4-Chlorophenyl-phenylether
Concen: 48.440 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

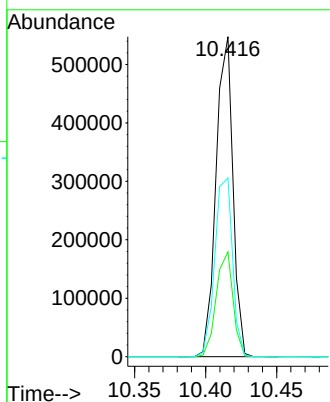
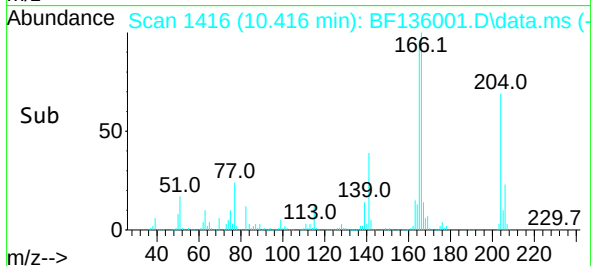
PB156435BS



Tgt Ion:204 Resp: 451398
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 55.8 46.2 69.2

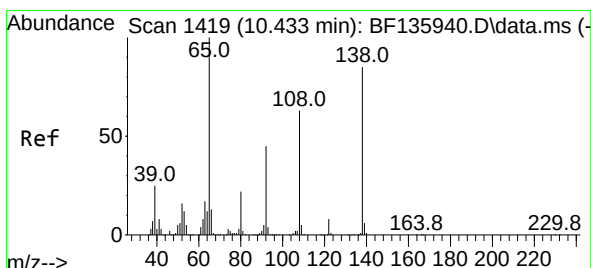
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

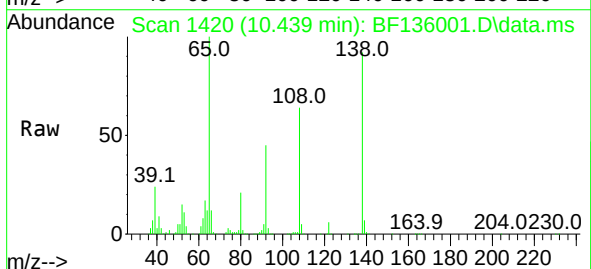


10/31/2023
Supervised By :mohammad
ahmed

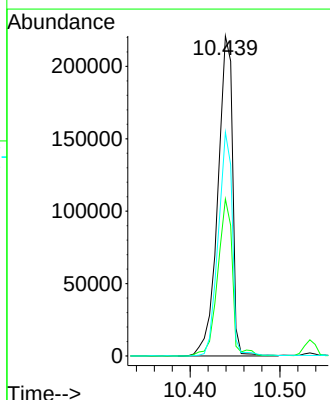
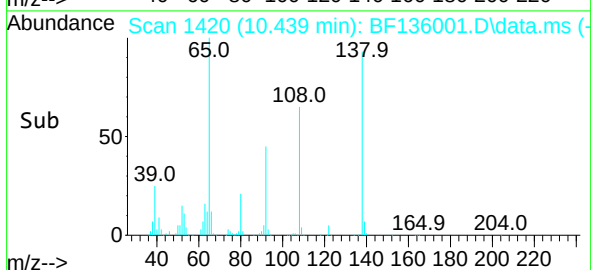
10/31/2023

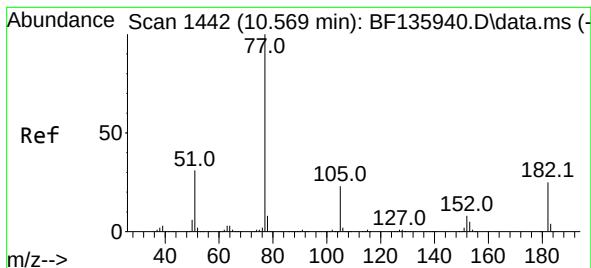


#62
4-Nitroaniline
Concen: 50.017 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion:138 Resp: 252390
Ion Ratio Lower Upper
138 100
92 49.0 32.9 72.9
108 69.9 53.5 93.5





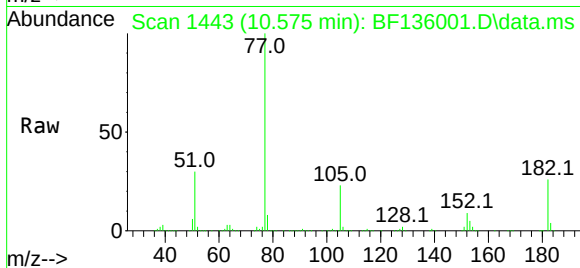
#63
Azobenzene
Concen: 47.586 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

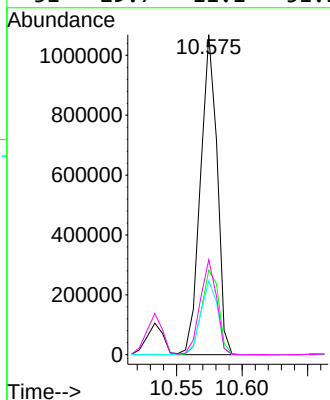
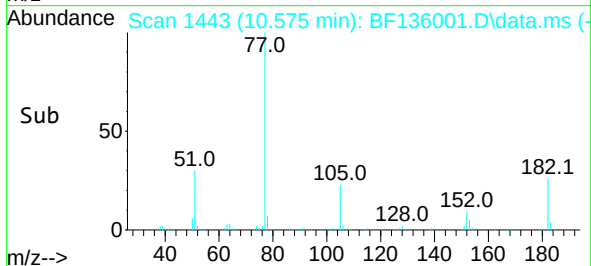
PB156435BS



Tgt Ion: 77 Resp: 941960
Ion Ratio Lower Upper
77 100
182 26.4 5.1 45.1
105 23.1 2.8 42.8
51 29.7 11.1 51.1

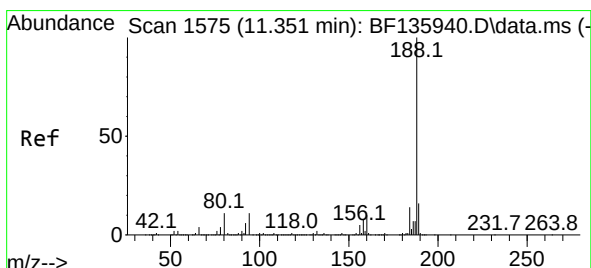
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

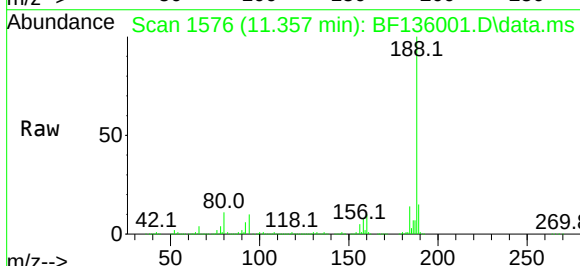


10/31/2023
Supervised By :mohammad
ahmed

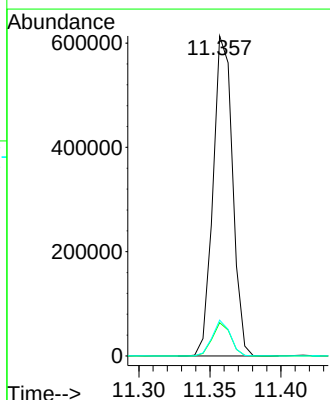
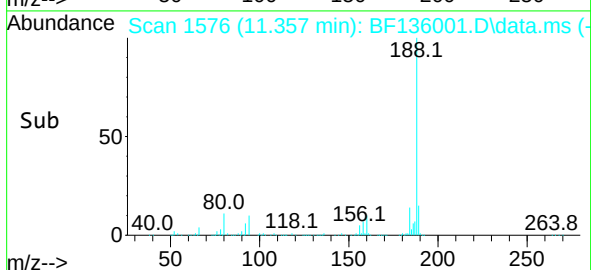
10/31/2023

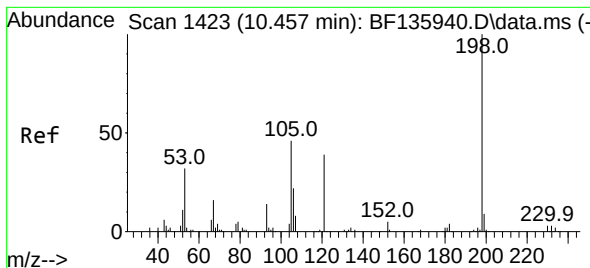


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



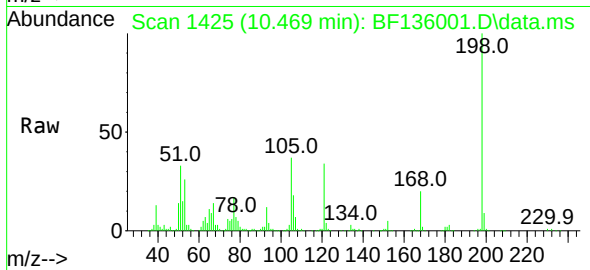
Tgt Ion:188 Resp: 584248
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.2 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 66.610 ng
RT: 10.469 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

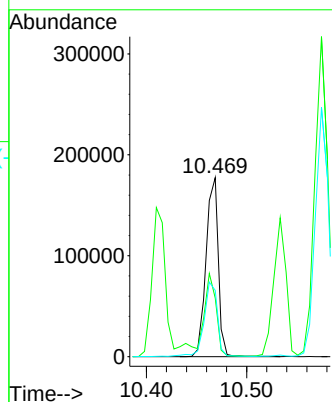
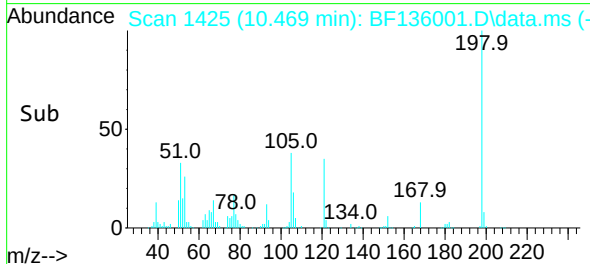
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:198 Resp: 15128
Ion Ratio Lower Upper
198 100
51 32.7 28.7 68.7
105 37.0 27.2 67.2

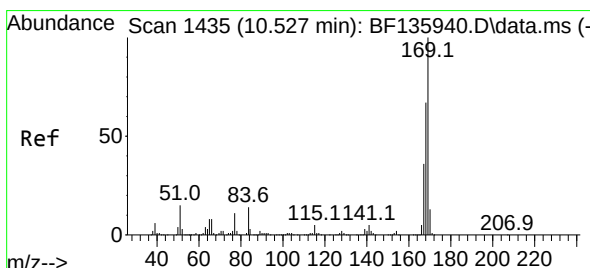
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

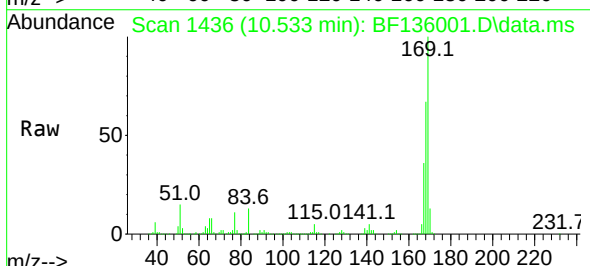


10/31/2023
Supervised By :mohammad
ahmed

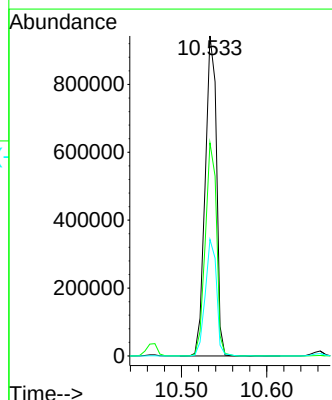
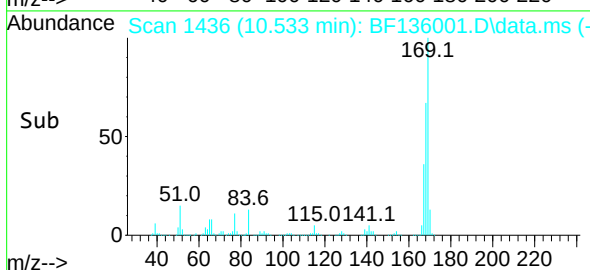
10/31/2023

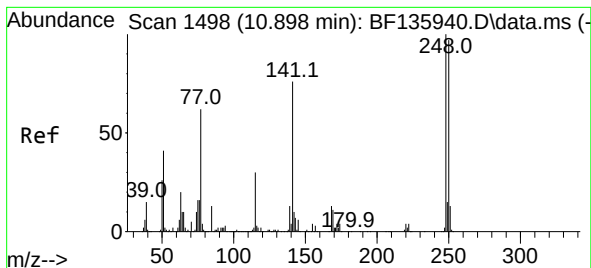


#66
n-Nitrosodiphenylamine
Concen: 49.162 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



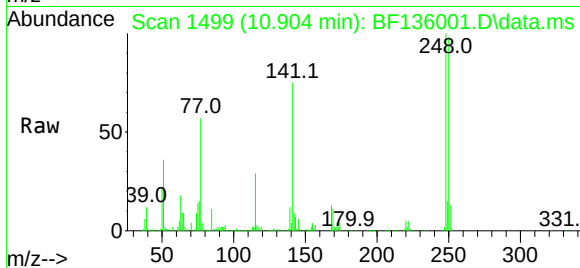
Tgt Ion:169 Resp: 867725
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 36.4 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.605 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

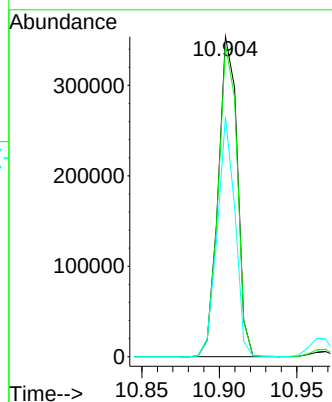
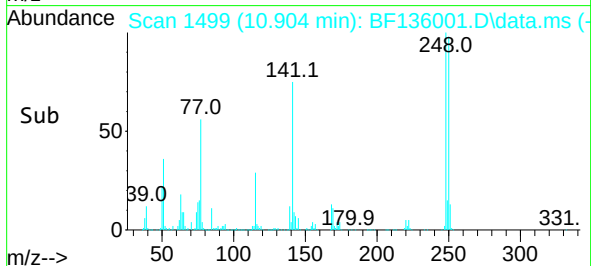
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:248 Resp: 302780
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 74.9 60.8 91.2

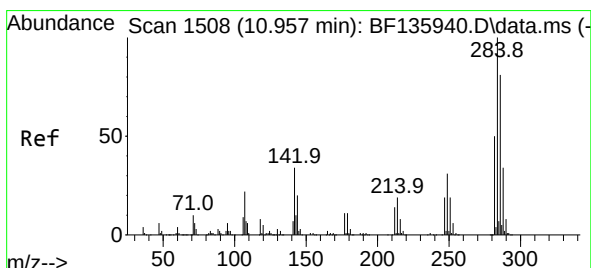
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

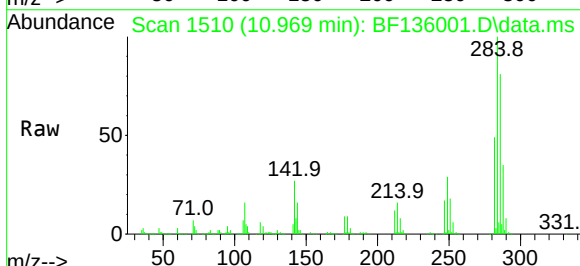


10/31/2023
Supervised By :mohammad
ahmed

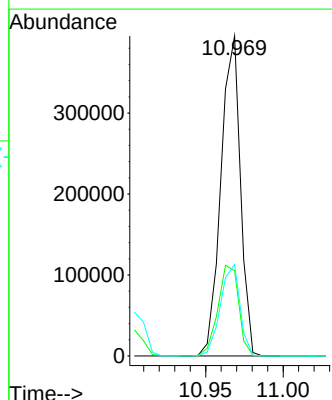
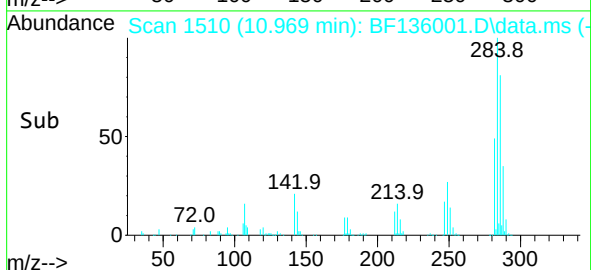
10/31/2023

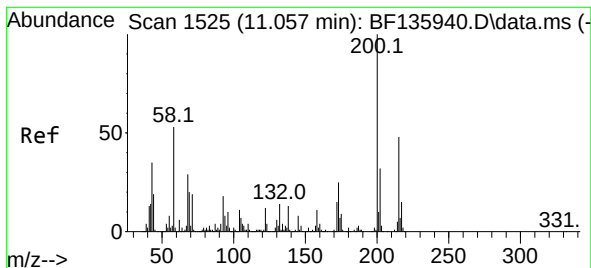


#68
Hexachlorobenzene
Concen: 53.994 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion:284 Resp: 345114
Ion Ratio Lower Upper
284 100
142 26.6 27.6 41.4#
249 28.6 24.7 37.1





#69

Atrazine

Concen: 60.441 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Tgt Ion:200 Resp: 29081

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

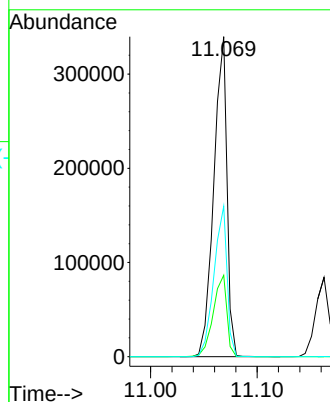
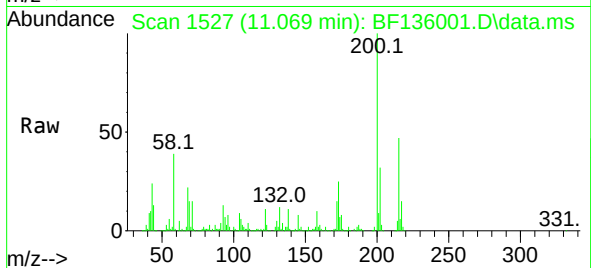
215 47.0 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

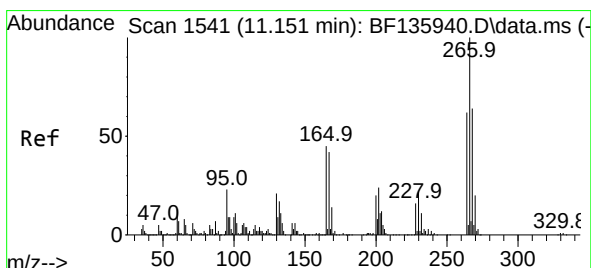
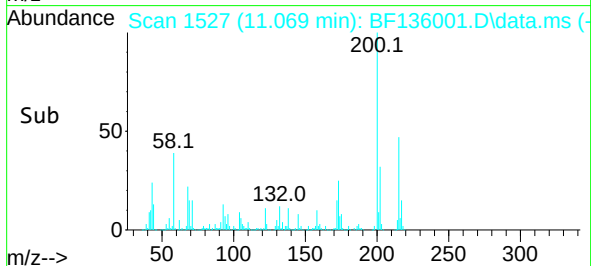
Patel



10/31/2023

Supervised By :mohammad
ahmed

10/31/2023



#70

Pentachlorophenol

Concen: 102.049 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

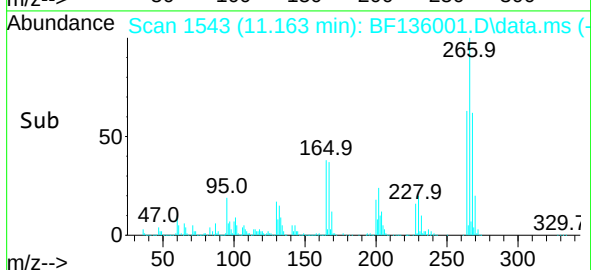
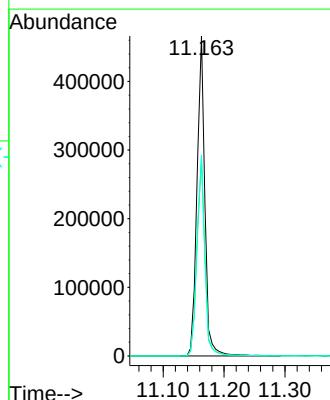
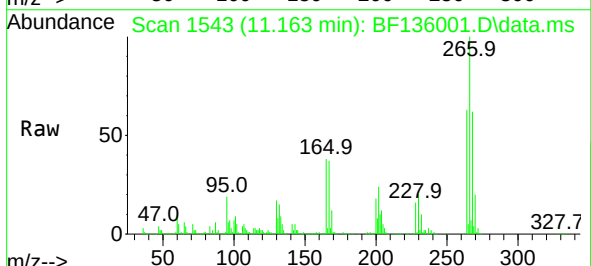
Tgt Ion:266 Resp: 418534

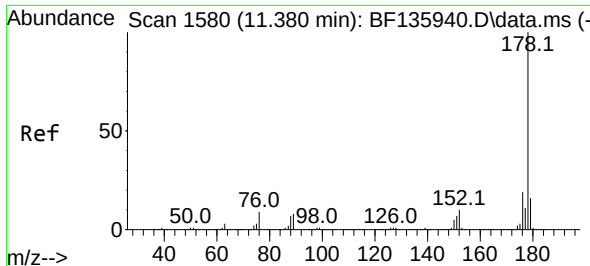
Ion Ratio Lower Upper

266 100

268 62.0 50.8 76.2

264 62.6 49.8 74.6





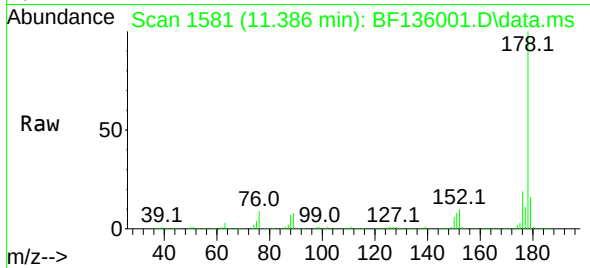
#71
Phenanthrene
Concen: 49.195 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

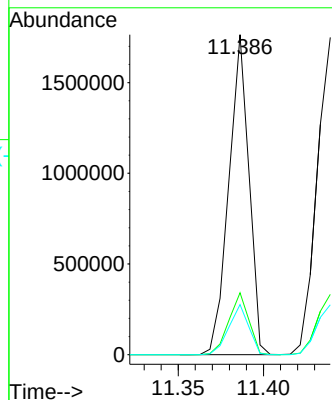
PB156435BS



Tgt Ion:178 Resp: 1454150
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.5 18.7

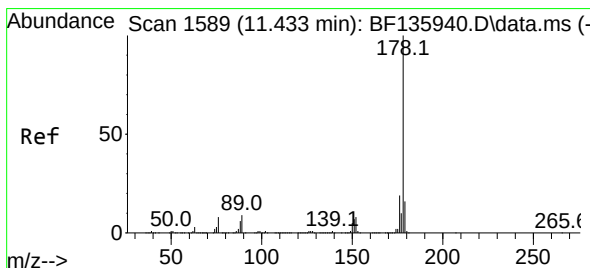
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



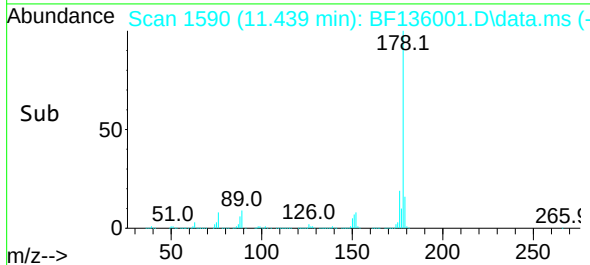
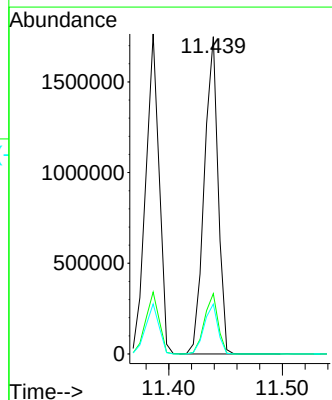
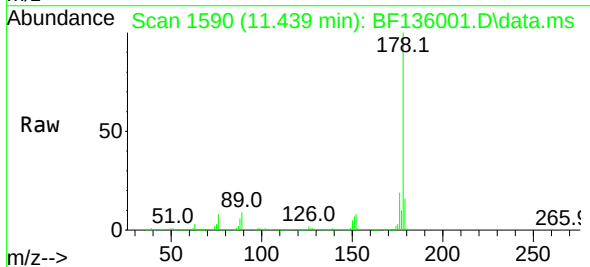
10/31/2023
Supervised By :mohammad
ahmed

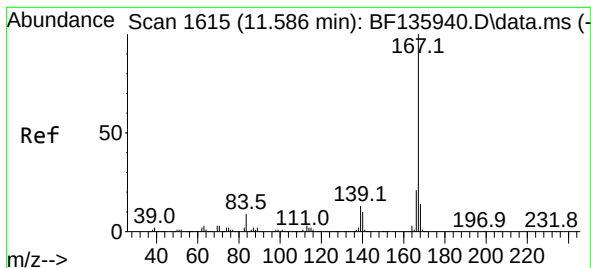
10/31/2023



#72
Anthracene
Concen: 48.596 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

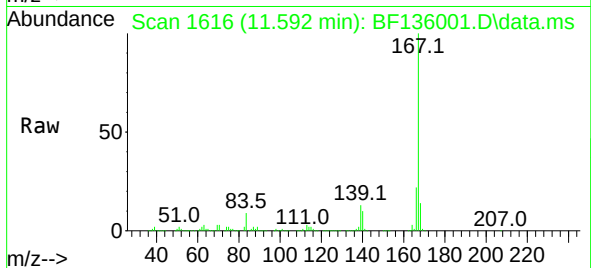
Tgt Ion:178 Resp: 1470788
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 49.160 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

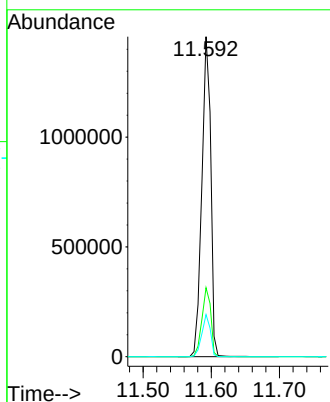
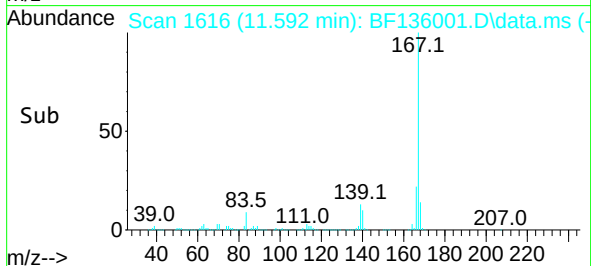
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BS



Tgt Ion:167 Resp: 1327250
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.2 10.4 15.6

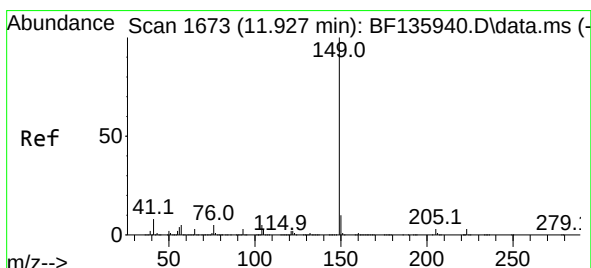
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

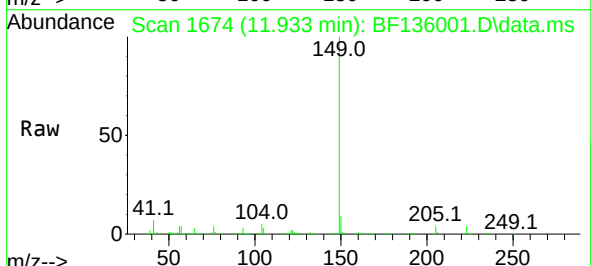


10/31/2023
 Supervised By :mohammad
 ahmed

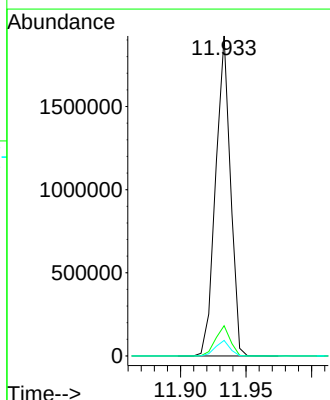
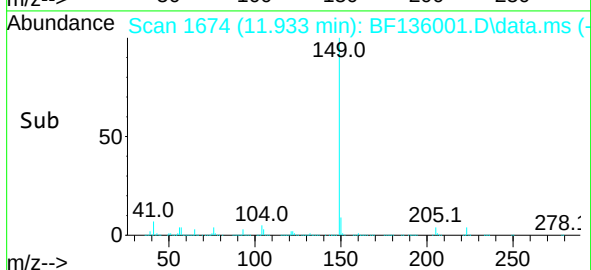
10/31/2023

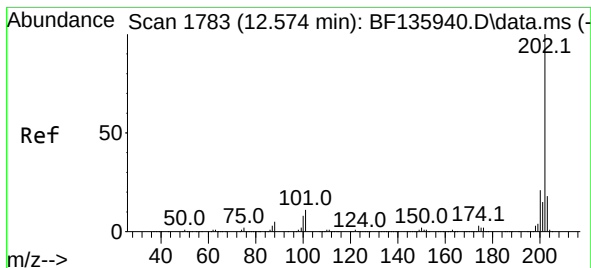


#74
 Di-n-butylphthalate
 Concen: 52.525 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56



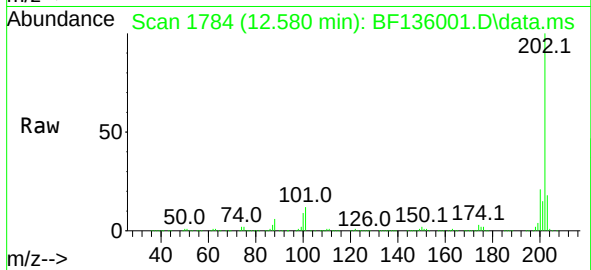
Tgt Ion:149 Resp: 1509022
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 48.399 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

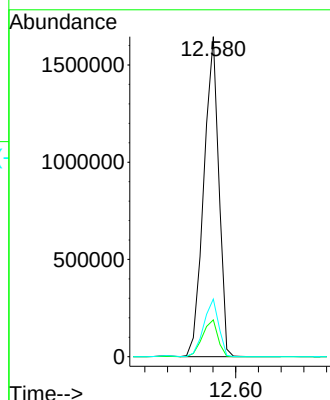
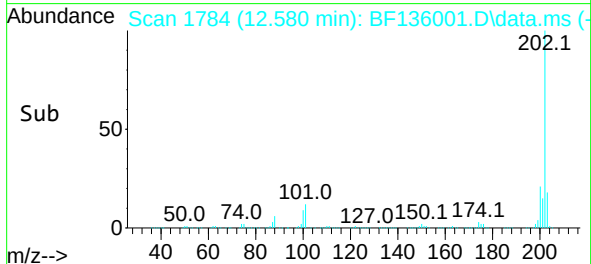
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:202 Resp: 150507
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.6
203 18.0 0.0 37.5

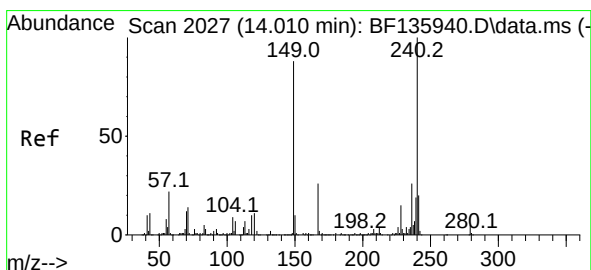
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

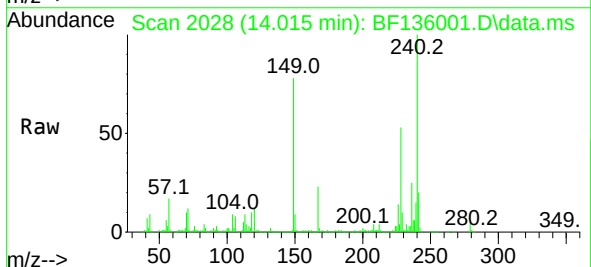


10/31/2023
Supervised By :mohammad
ahmed

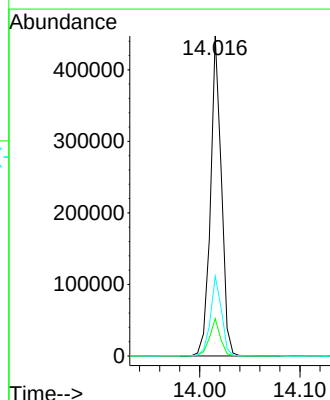
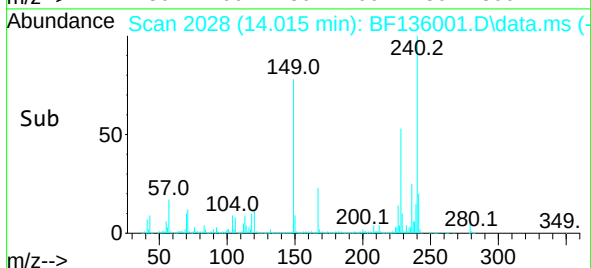
10/31/2023

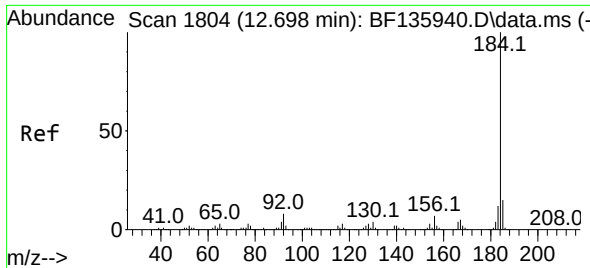


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



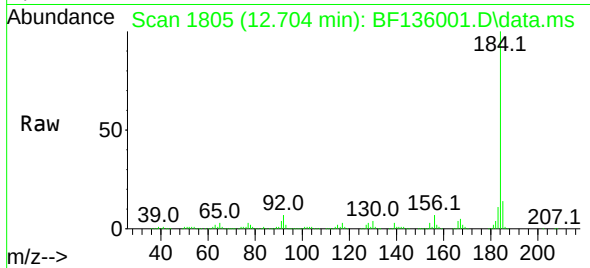
Tgt Ion:240 Resp: 335594
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 24.9 20.6 30.8





#77
Benzidine
Concen: 57.275 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

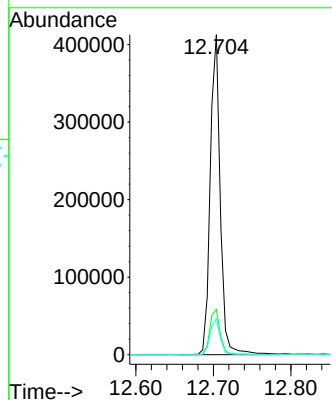
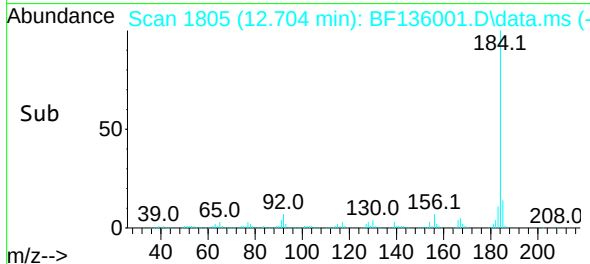
Instrument :
BNA_F
ClientSampleId :
PB156435BS



Tgt Ion:184 Resp: 370628
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.2 9.2 13.8

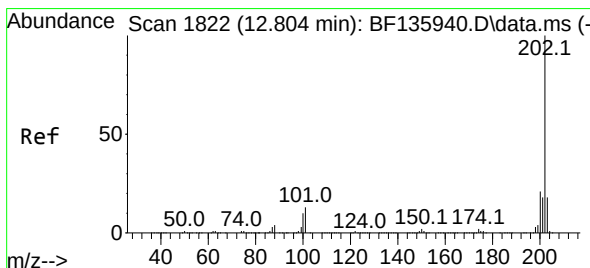
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

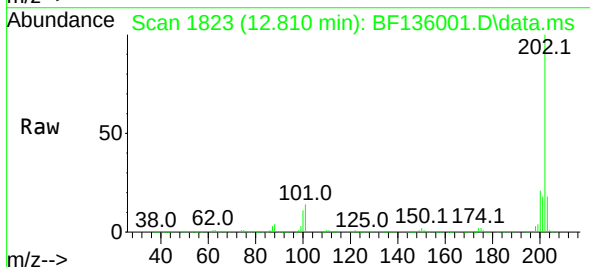


10/31/2023
Supervised By :mohammad
ahmed

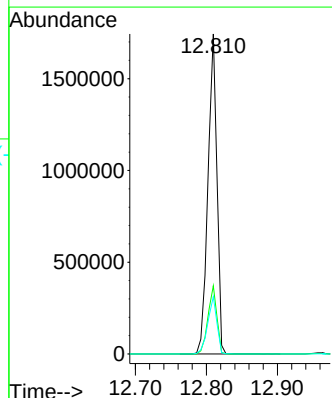
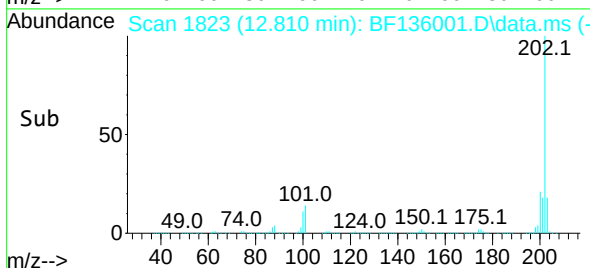
10/31/2023

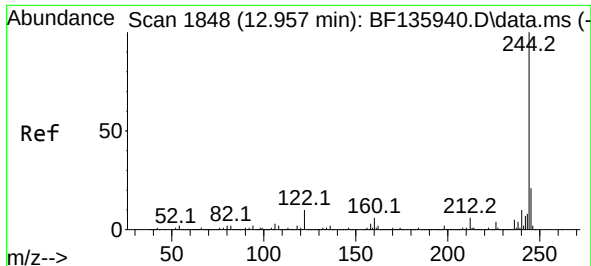


#78
Pyrene
Concen: 54.482 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion:202 Resp: 1535189
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.9 14.5 21.7





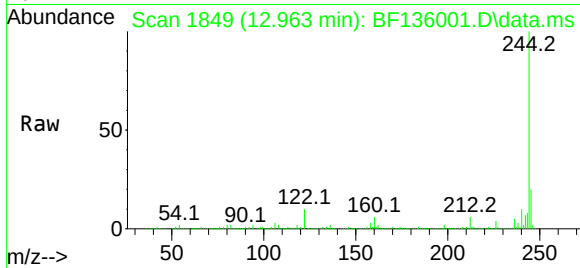
#79
 Terphenyl-d14
 Concen: 106.032 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

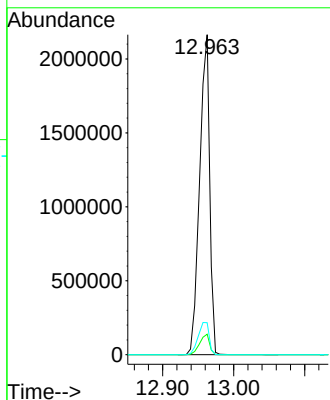
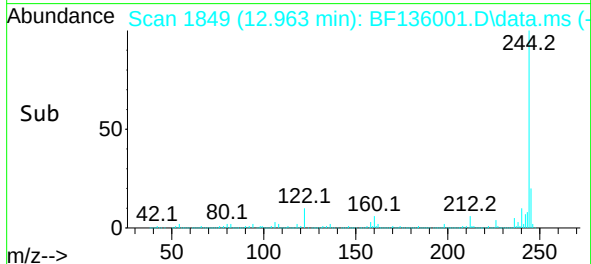
PB156435BS



Tgt Ion:244 Resp: 2129778
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.0 8.0 12.0

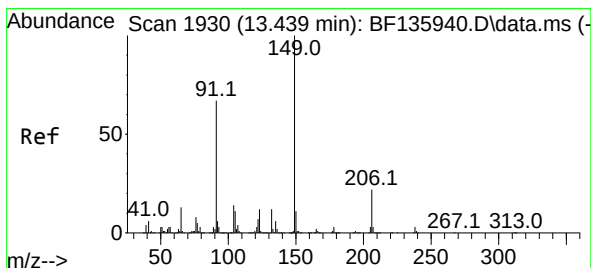
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

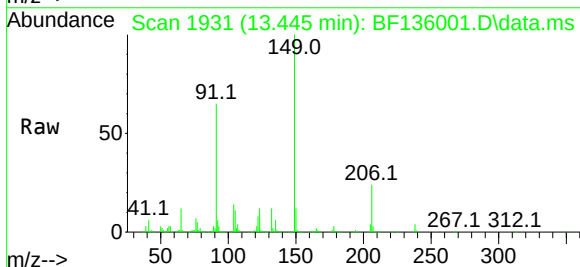


10/31/2023
 Supervised By :mohammad
 ahmed

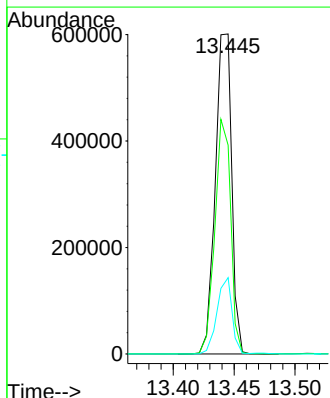
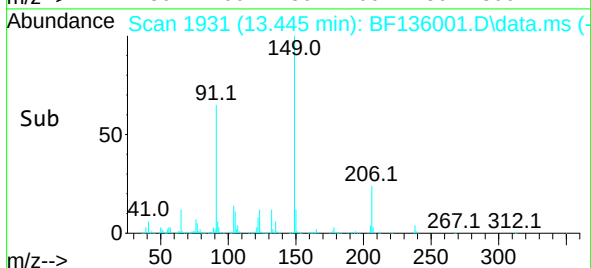
10/31/2023

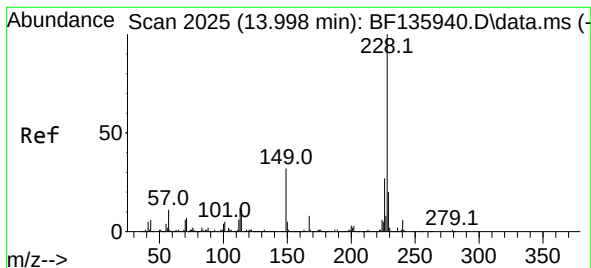


#80
 Butylbenzylphthalate
 Concen: 52.606 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.006 min
 Lab File: BF136001.D
 Acq: 28 Oct 2023 12:56



Tgt Ion:149 Resp: 564458
 Ion Ratio Lower Upper
 149 100
 91 65.2 53.4 80.0
 206 23.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 49.409 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Tgt Ion:228 Resp: 1127430

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

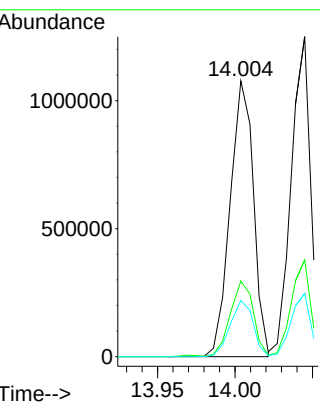
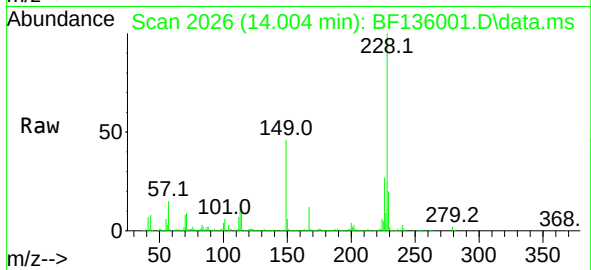
229 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

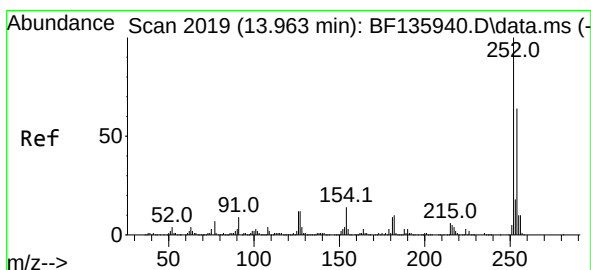
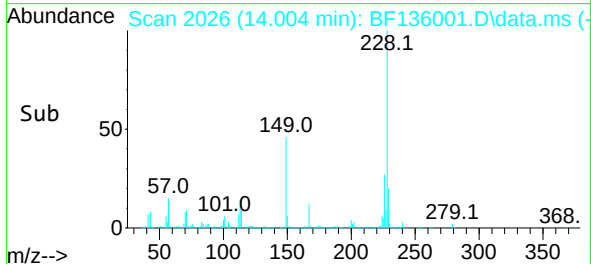
Patel



10/31/2023

Supervised By :mohammad
ahmed

10/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 40.934 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

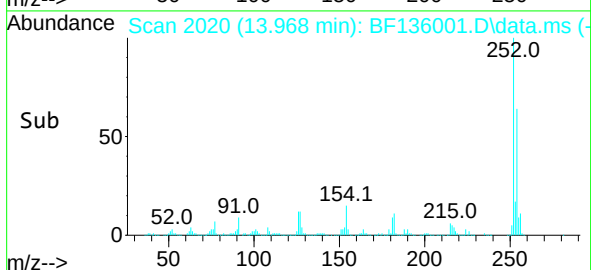
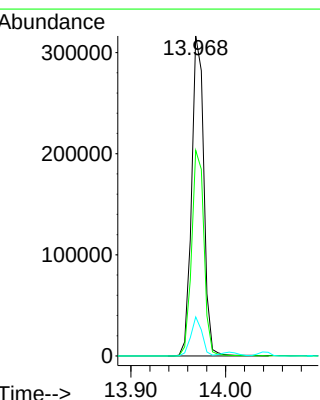
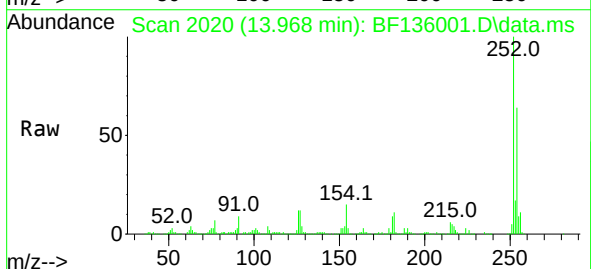
Tgt Ion:252 Resp: 284176

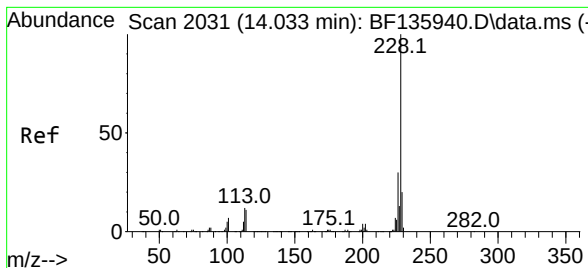
Ion Ratio Lower Upper

252 100

254 64.3 50.9 76.3

126 12.2 9.8 14.6





#83

Chrysene

Concen: 49.018 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Tgt Ion:228 Resp: 108939

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

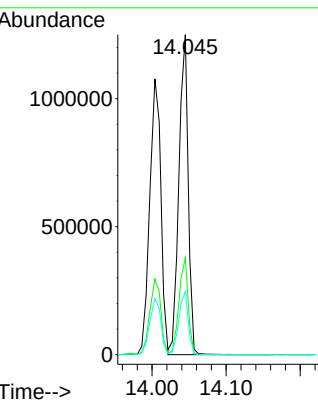
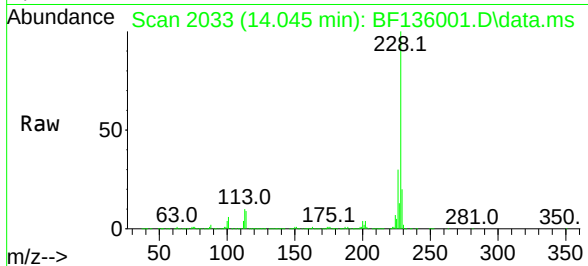
229 19.8 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

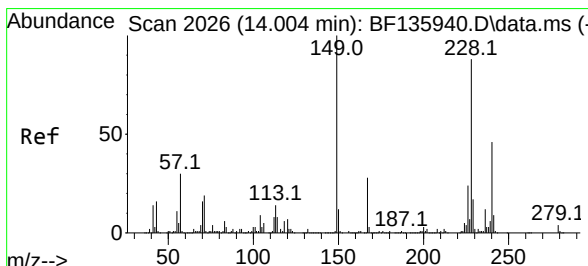
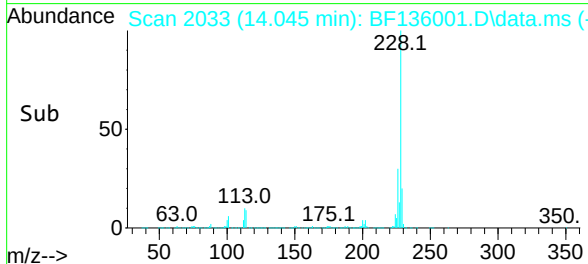
Patel



10/31/2023

Supervised By :mohammad
ahmed

10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.259 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

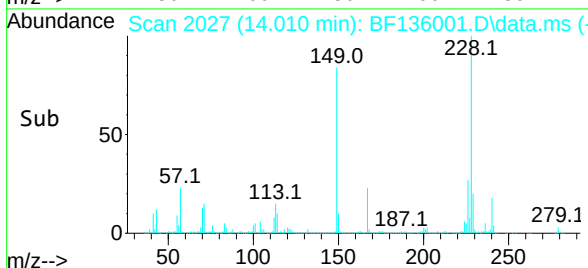
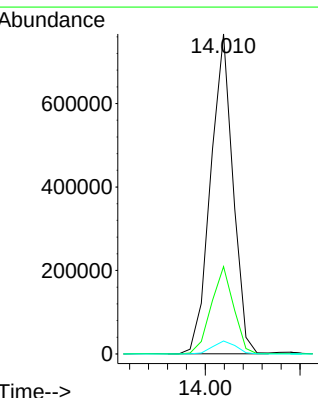
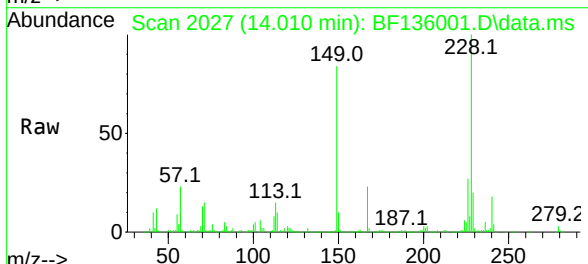
Tgt Ion:149 Resp: 628697

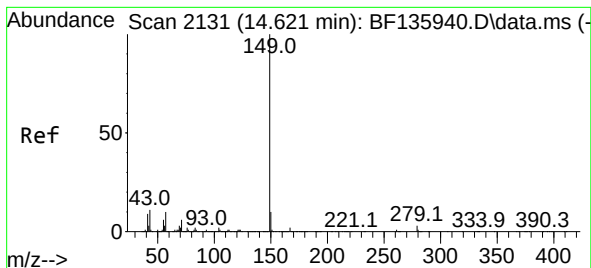
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.122 ng

RT: 14.627 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB156435BS

Tgt Ion:149 Resp: 98788

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

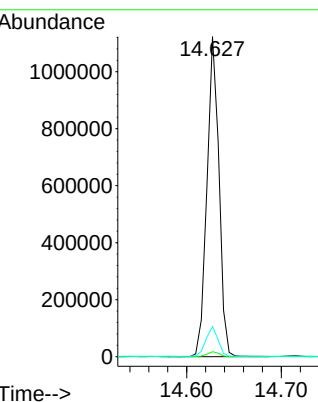
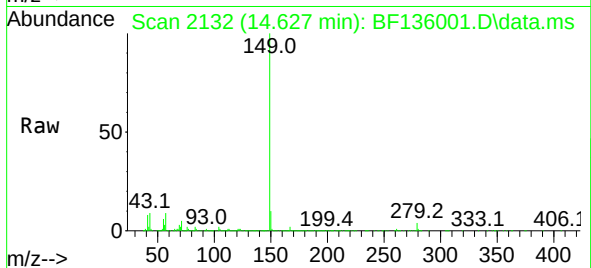
43 9.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh

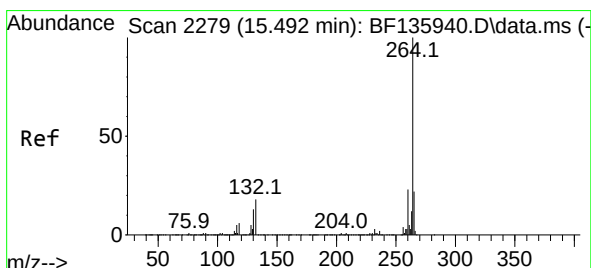
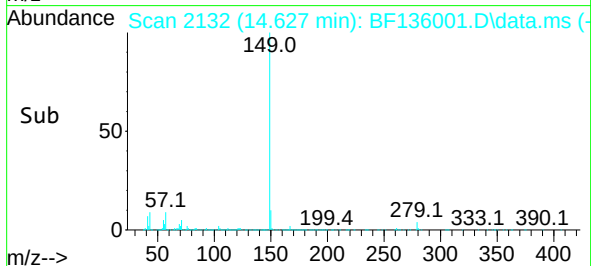
Patel



10/31/2023

Supervised By :mohammad
ahmed

10/31/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF136001.D

Acq: 28 Oct 2023 12:56

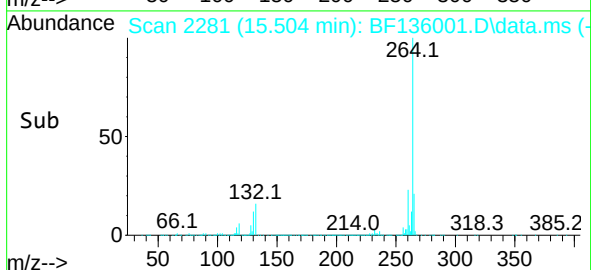
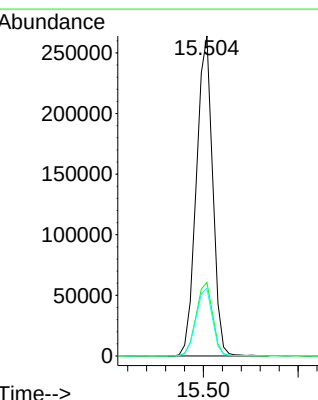
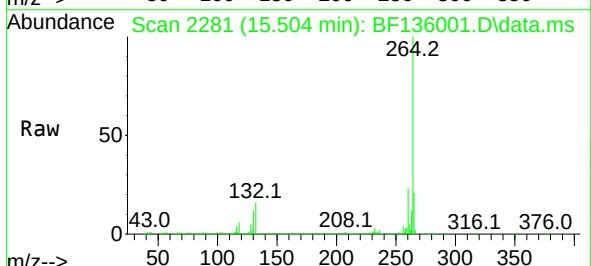
Tgt Ion:264 Resp: 315540

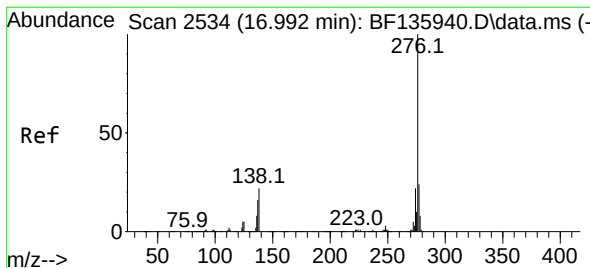
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.2 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 66.108 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

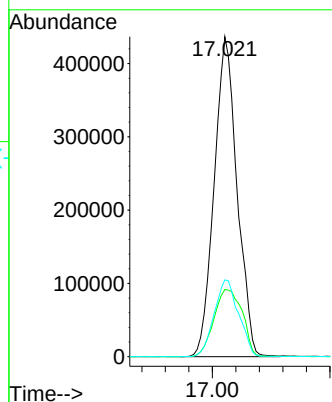
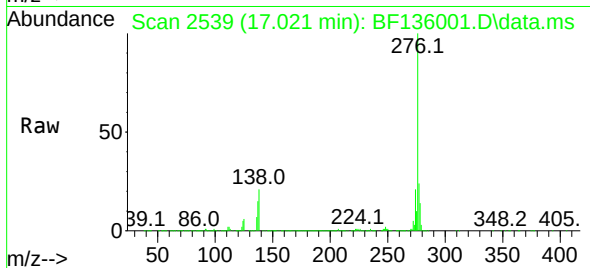
ClientSampleId :

PB156435BS

Tgt Ion:276 Resp: 118282
Ion Ratio Lower Upper
276 100
138 26.0 21.8 32.6
277 25.7 20.0 30.0

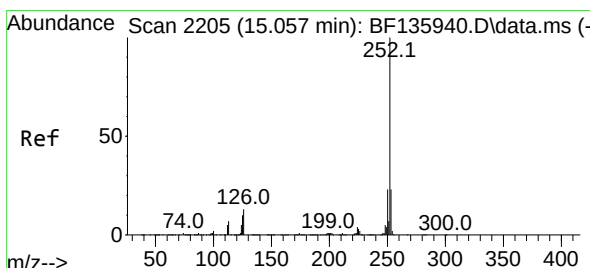
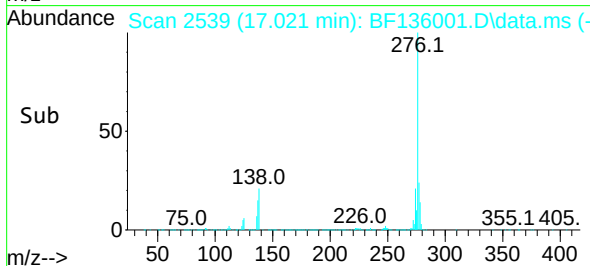
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



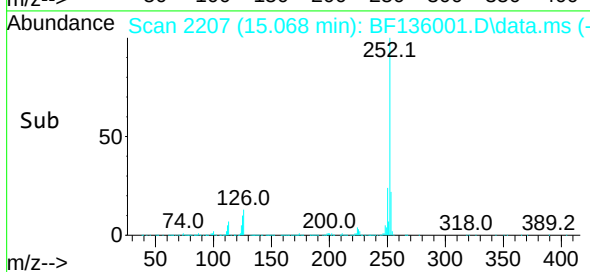
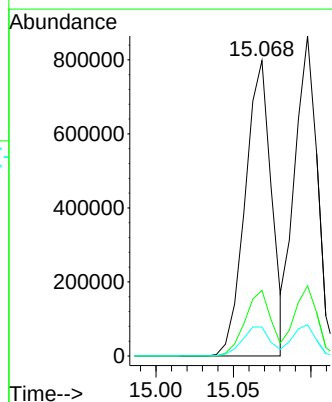
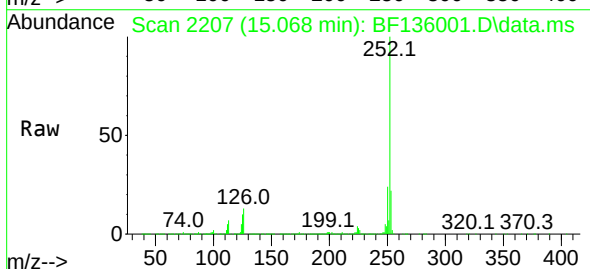
10/31/2023
Supervised By :mohammad
ahmed

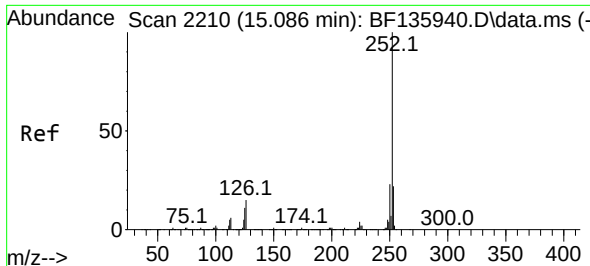
10/31/2023



#88
Benzo(b)fluoranthene
Concen: 50.177 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:252 Resp: 942251
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.8 8.2 12.4





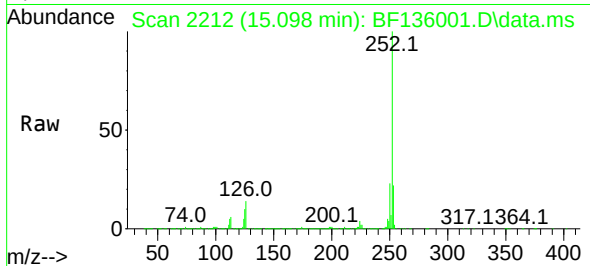
#89
Benzo(k)fluoranthene
Concen: 47.790 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

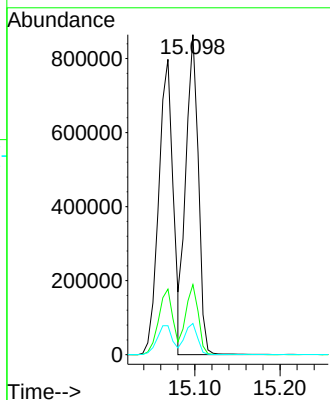
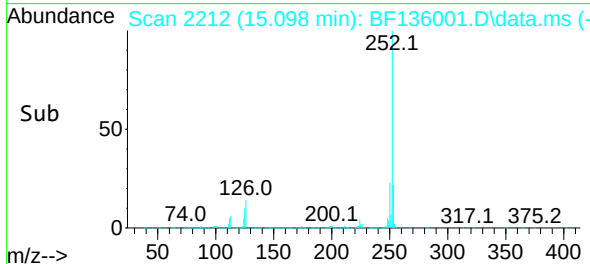
PB156435BS



Tgt Ion:252 Resp: 881378
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.8 8.5 12.7

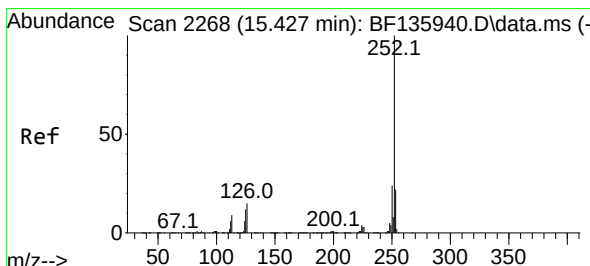
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

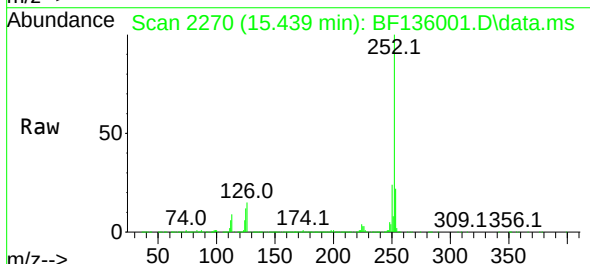


10/31/2023
Supervised By :mohammad
ahmed

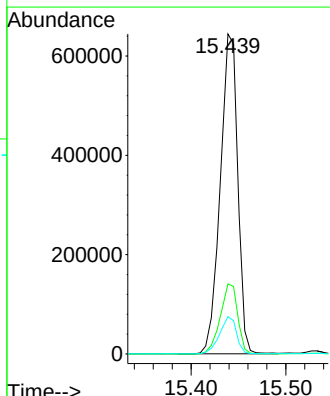
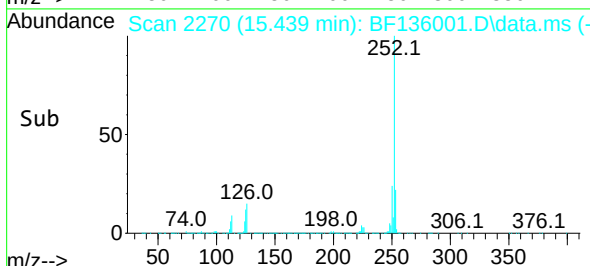
10/31/2023

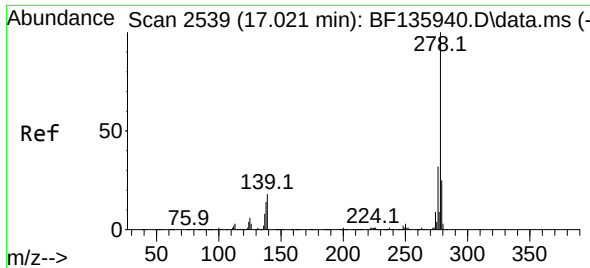


#90
Benzo(a)pyrene
Concen: 47.864 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56



Tgt Ion:252 Resp: 828379
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.7 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 63.243 ng
RT: 17.051 min Scan# 2544
Delta R.T. 0.029 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Instrument :

BNA_F

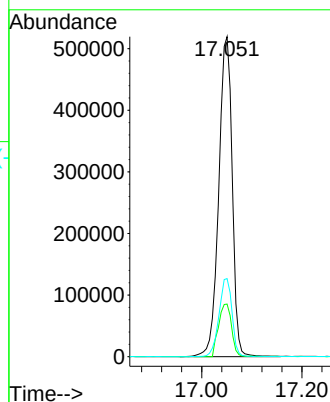
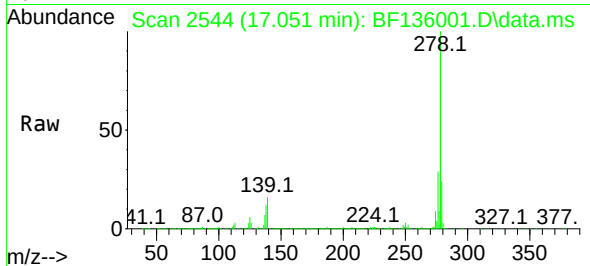
ClientSampleId :

PB156435BS

Tgt Ion:278 Resp: 96788
Ion Ratio Lower Upper
278 100
139 16.4 14.0 21.0
279 24.4 19.7 29.5

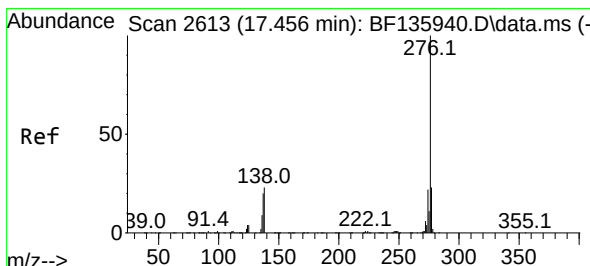
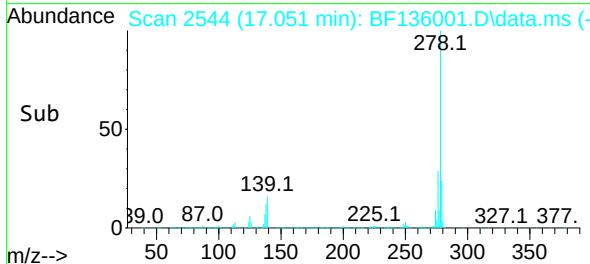
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



10/31/2023
Supervised By :mohammad
ahmed

10/31/2023



#92
Benzo(g,h,i)perylene
Concen: 55.790 ng
RT: 17.486 min Scan# 2618
Delta R.T. 0.030 min
Lab File: BF136001.D
Acq: 28 Oct 2023 12:56

Tgt Ion:276 Resp: 982298
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 22.7 18.4 27.6

