

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139457.D
 Acq On : 19 Sep 2024 11:32
 Operator : RC/JU
 Sample : PB163486BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163486BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 19 12:03:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							09/21/2024
1) 1,4-Dichlorobenzene-d4	6.881	152	78402	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.163	136	297915	20.000	ng	0.00	
39) Acenaphthene-d10	9.916	164	160194	20.000	ng	0.00	
64) Phenanthrene-d10	11.398	188	284319	20.000	ng	# 0.00	
76) Chrysene-d12	14.039	240	146056	20.000	ng	0.00	
86) Perylene-d12	15.504	264	142593	20.000	ng	0.00	09/22/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	613145	127.580	ng	0.02	
7) Phenol-d6	6.516	99	813821	129.011	ng	0.01	
23) Nitrobenzene-d5	7.445	82	545682	86.109	ng	0.00	
42) 2,4,6-Tribromophenol	10.704	330	215406	126.304	ng	0.00	
45) 2-Fluorobiphenyl	9.239	172	1003616	87.868	ng	0.00	
79) Terphenyl-d14	12.980	244	903112	101.493	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	70892	36.767	ng		98
3) Pyridine	3.522	79	183320	43.122	ng		97
4) n-Nitrosodimethylamine	3.481	42	150366	40.808	ng		91
6) Aniline	6.539	93	242693	50.980	ng	#	70
8) 2-Chlorophenol	6.663	128	221886	44.851	ng		99
9) Benzaldehyde	6.428	77	54814	15.040	ng		98
10) Phenol	6.528	94	291662	45.396	ng		92
11) bis(2-Chloroethyl)ether	6.616	93	210849	43.179	ng		99
12) 1,3-Dichlorobenzene	6.822	146	234824	41.737	ng		99
13) 1,4-Dichlorobenzene	6.898	146	241877	42.542	ng		98
14) 1,2-Dichlorobenzene	7.045	146	230852	42.970	ng		98
15) Benzyl Alcohol	7.022	79	221762	44.064	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	385745	51.258	ng		97
17) 2-Methylphenol	7.134	107	179820	45.749	ng		99
18) Hexachloroethane	7.392	117	91451	42.230	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	173318	46.365	ng		100
20) 3+4-Methylphenols	7.286	107	232549	43.366	ng		92
22) Acetophenone	7.286	105	319294	40.996	ng		97
24) Nitrobenzene	7.463	77	264237	40.514	ng		99
25) Isophorone	7.698	82	452061	45.106	ng		99
26) 2-Nitrophenol	7.781	139	118039	46.453	ng		93
27) 2,4-Dimethylphenol	7.816	122	181221	54.066	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	261082	45.709	ng		98
29) 2,4-Dichlorophenol	8.022	162	185721	43.616	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	199323	40.175	ng		99
31) Naphthalene	8.186	128	657995	42.307	ng		100
32) Benzoic acid	7.933	122	119232	38.011	ng		93
33) 4-Chloroaniline	8.233	127	155278	32.635	ng		98
34) Hexachlorobutadiene	8.298	225	134246	39.827	ng		100
35) Caprolactam	8.604	113	57416m	43.834	ng		
36) 4-Chloro-3-methylphenol	8.716	107	209161	42.981	ng		96
37) 2-Methylnaphthalene	8.875	142	428660	43.422	ng		99
38) 1-Methylnaphthalene	8.975	142	397025	40.965	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	205379	43.259	ng		99
41) Hexachlorocyclopentadiene	9.028	237	250266	150.974	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	142550	46.151	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139457.D
 Acq On : 19 Sep 2024 11:32
 Operator : RC/JU
 Sample : PB163486BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163486BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 19 12:03:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.192	196	141249	43.352	ng	99	09/21/2024
46) 1,1'-Biphenyl	9.339	154	529399	42.956	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	9.363	162	396201	42.996	ng	99	ahmed
48) 2-Nitroaniline	9.457	65	151897	44.319	ng	99	
49) Acenaphthylene	9.780	152	654538	47.188	ng	100	
50) Dimethylphthalate	9.639	163	470941	44.791	ng	99	
51) 2,6-Dinitrotoluene	9.698	165	101722	43.672	ng	99	09/22/2024
52) Acenaphthene	9.951	154	472499	48.807	ng	100	
53) 3-Nitroaniline	9.869	138	77788	33.417	ng	93	
54) 2,4-Dinitrophenol	9.975	184	115246	88.795	ng	93	
55) Dibenzofuran	10.122	168	592920	43.942	ng	97	
56) 4-Nitrophenol	10.033	139	153631	79.761	ng	88	
57) 2,4-Dinitrotoluene	10.104	165	138910	44.174	ng	100	
58) Fluorene	10.463	166	470401	42.727	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121328	45.016	ng	97	
60) Diethylphthalate	10.339	149	480139	44.251	ng	98	
61) 4-Chlorophenyl-phenyle...	10.457	204	227262	42.475	ng	96	
62) 4-Nitroaniline	10.486	138	99458	39.149	ng	93	
63) Azobenzene	10.616	77	473043	44.326	ng	96	
65) 4,6-Dinitro-2-methylph...	10.510	198	74758	49.819	ng	95	
66) n-Nitrosodiphenylamine	10.574	169	394728	47.486	ng	100	
67) 4-Bromophenyl-phenylether	10.945	248	130959	46.480	ng	99	
68) Hexachlorobenzene	11.010	284	147118	44.490	ng	98	
69) Atrazine	11.098	200	127657	64.508	ng	98	
70) Pentachlorophenol	11.204	266	167263	84.299	ng	99	
71) Phenanthrene	11.427	178	632968	46.144	ng	99	
72) Anthracene	11.474	178	638066	47.576	ng	100	
73) Carbazole	11.633	167	565635	44.066	ng	99	
74) Di-n-butylphthalate	11.957	149	679016	47.486	ng	100	
75) Fluoranthene	12.610	202	628296	42.891	ng	99	
77) Benzidine	12.733	184	148478	70.955	ng	99	
78) Pyrene	12.839	202	631648	50.367	ng	99	
80) Butylbenzylphthalate	13.457	149	217862	51.038	ng	97	
81) Benzo(a)anthracene	14.027	228	458067	47.347	ng	100	
82) 3,3'-Dichlorobenzidine	13.986	252	114025	40.245	ng	99	
83) Chrysene	14.062	228	417292	46.883	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.010	149	268150	49.380	ng	99	
85) Di-n-octyl phthalate	14.627	149	409565	51.213	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.986	276	417402	49.228	ng	98	
88) Benzo(b)fluoranthene	15.074	252	415935	47.296	ng	99	
89) Benzo(k)fluoranthene	15.104	252	361589	44.594	ng	99	
90) Benzo(a)pyrene	15.445	252	369436	50.653	ng	99	
91) Dibenzo(a,h)anthracene	17.003	278	342890	48.940	ng	99	
92) Benzo(g,h,i)perylene	17.433	276	314087	45.275	ng	97	

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



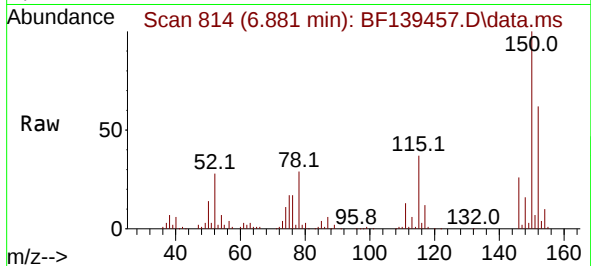
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139457.D
 Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

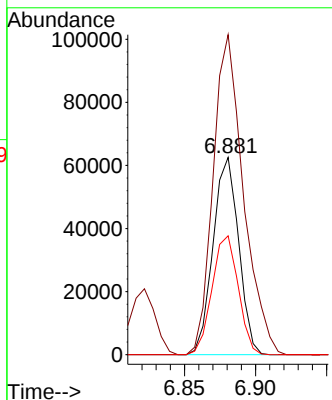
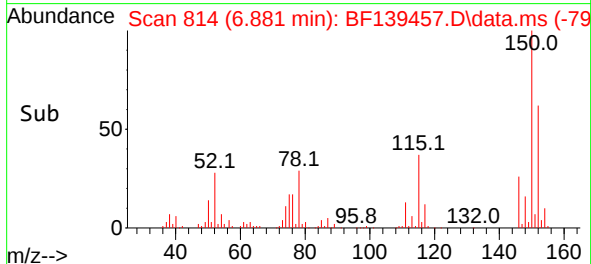
PB163486BS



Tgt Ion: 152 Resp: 78402
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.1 186.1
 115 60.3 48.1 72.1

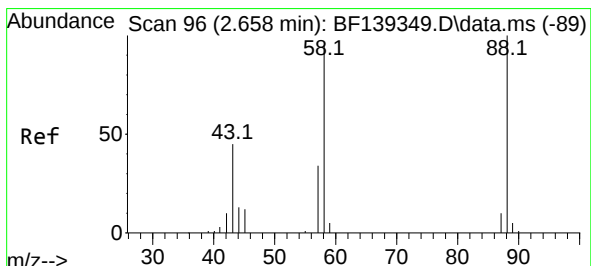
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



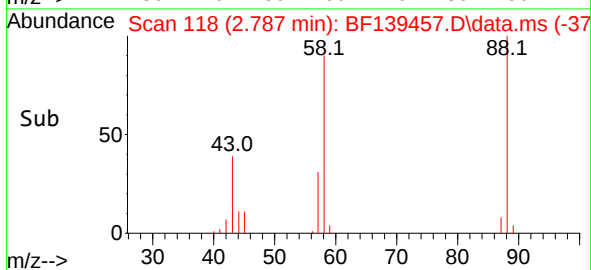
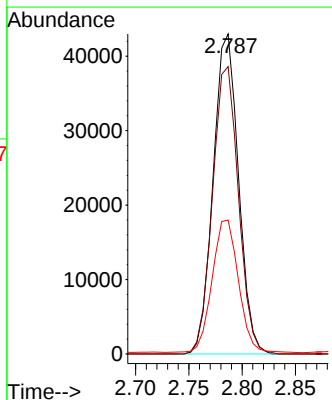
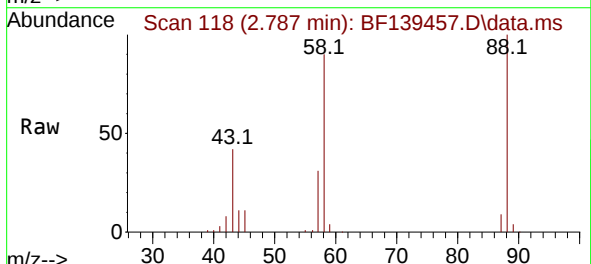
09/21/2024
 Supervised By :mohammad
 ahmed

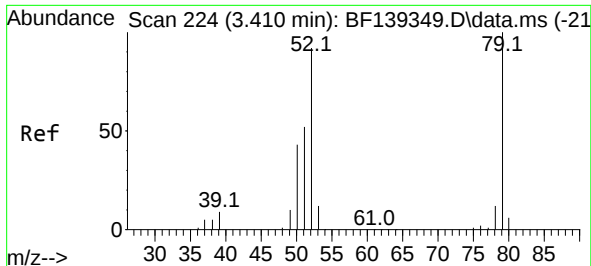
09/22/2024



#2
 1,4-Dioxane
 Concen: 36.767 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.129 min
 Lab File: BF139457.D
 Acq: 19 Sep 2024 11:32

Tgt Ion: 88 Resp: 70892
 Ion Ratio Lower Upper
 88 100
 58 92.2 74.8 112.2
 43 43.2 36.4 54.6





#3

Pyridine

Concen: 43.122 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.112 min

Lab File: BF139457.D

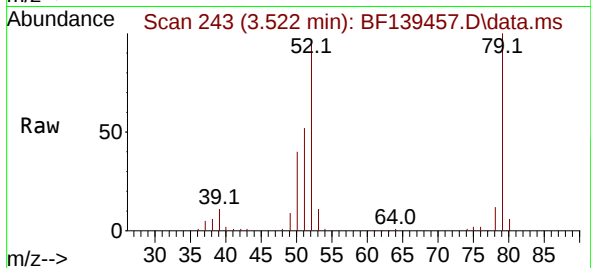
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS



Tgt Ion: 79 Resp: 183320

Ion Ratio Lower Upper

79 100

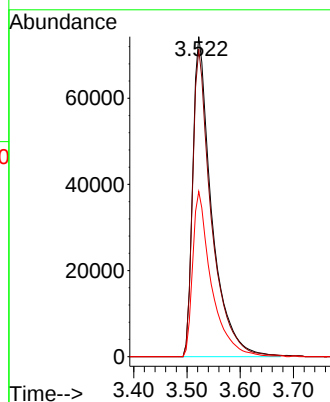
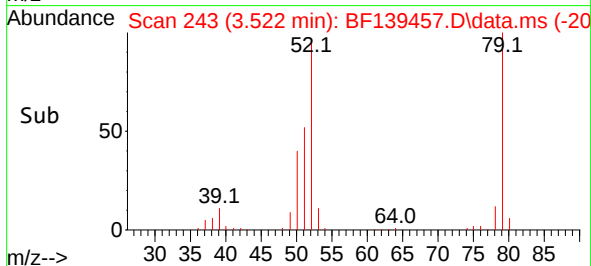
52 96.1 73.8 110.8

51 51.6 41.8 62.6

Manual Integrations

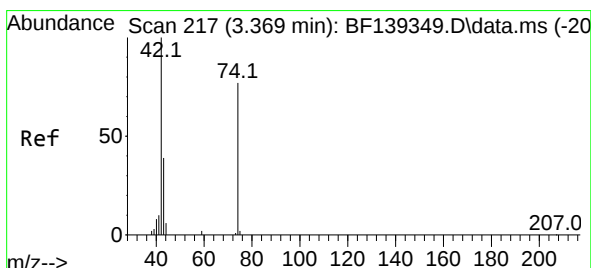
APPROVED

Reviewed By :Yogesh
Patel



09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#4

n-Nitrosodimethylamine

Concen: 40.808 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

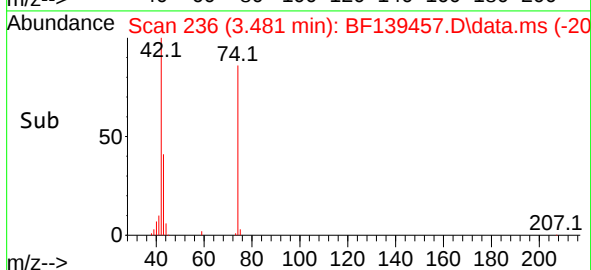
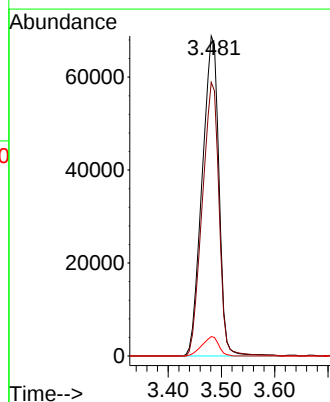
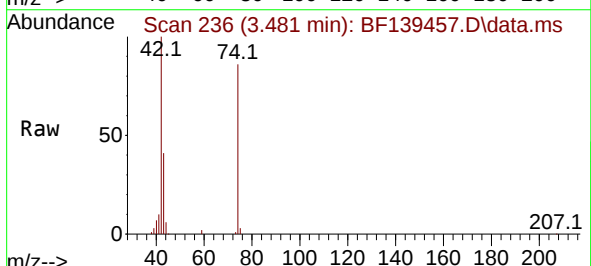
Tgt Ion: 42 Resp: 150366

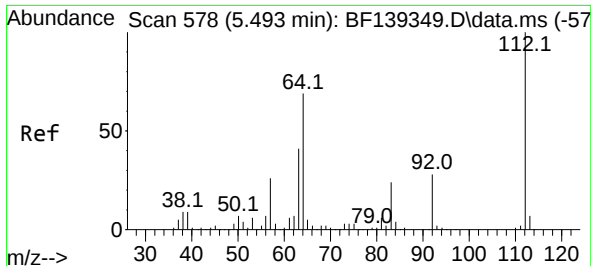
Ion Ratio Lower Upper

42 100

74 85.5 61.8 92.8

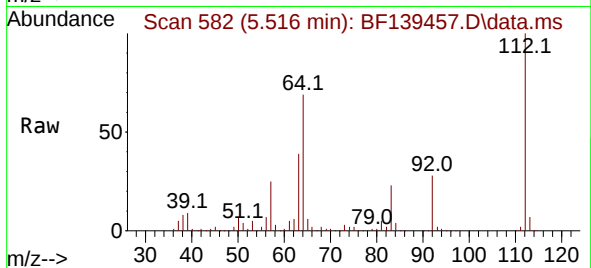
44 6.0 4.8 7.2





#5
2-Fluorophenol
Concen: 127.580 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

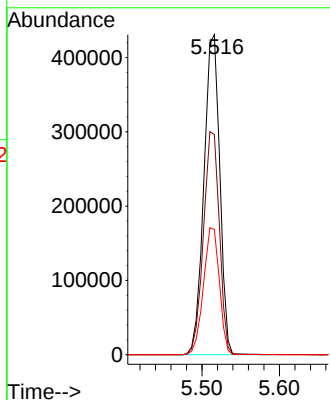
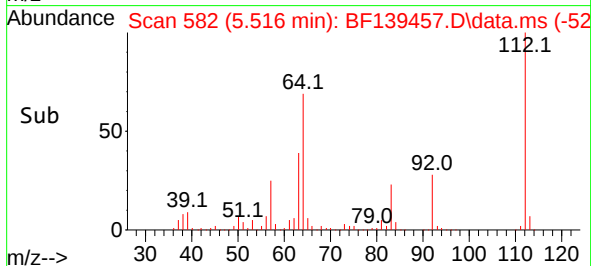
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion: 112 Resp: 61314
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 39.1 33.0 49.4

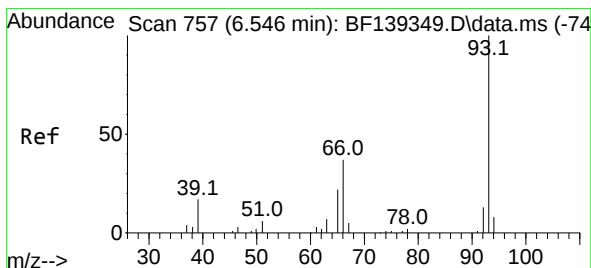
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



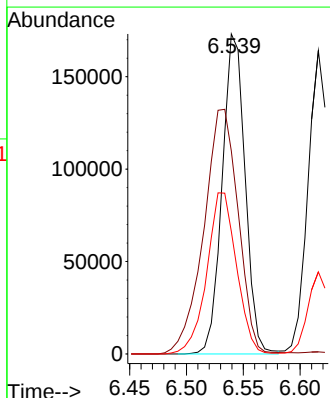
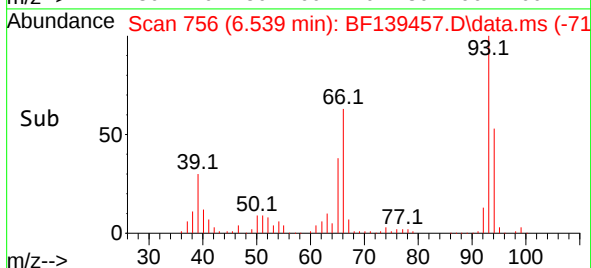
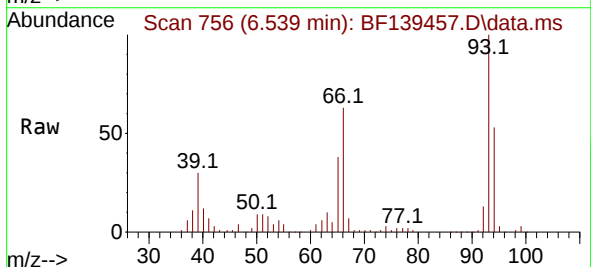
09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#6
Aniline
Concen: 50.980 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

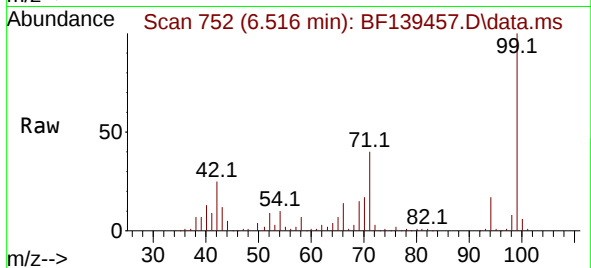
Tgt Ion: 93 Resp: 242693
Ion Ratio Lower Upper
93 100
66 63.4 35.4 53.0#
65 38.3 18.2 27.4#





#7
Phenol-d6
Concen: 129.011 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

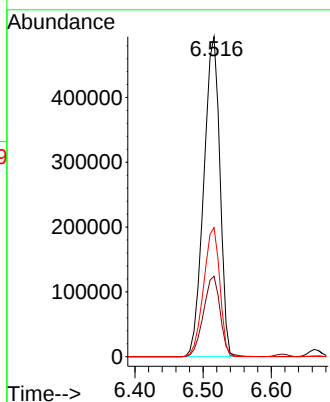
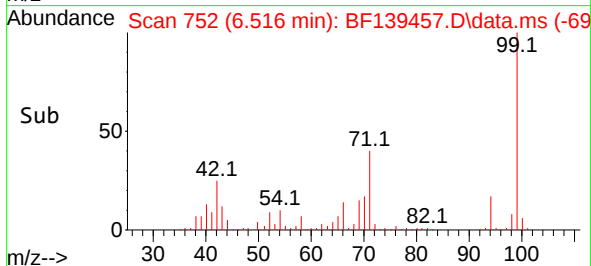
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion: 99 Resp: 81382
Ion Ratio Lower Upper
99 100
42 25.2 21.9 32.9
71 40.3 34.6 52.0

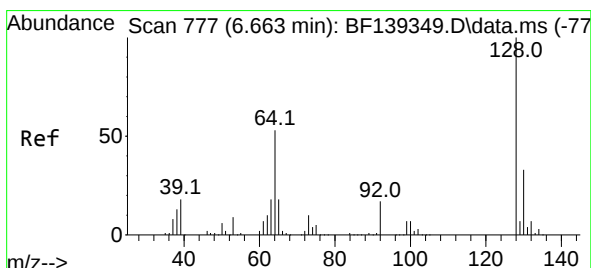
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



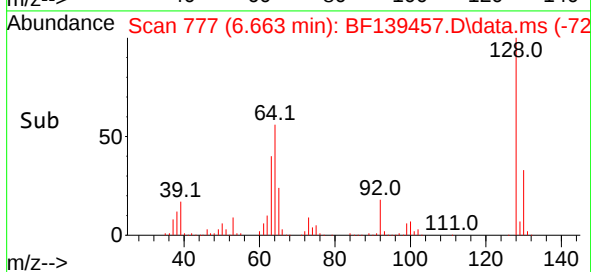
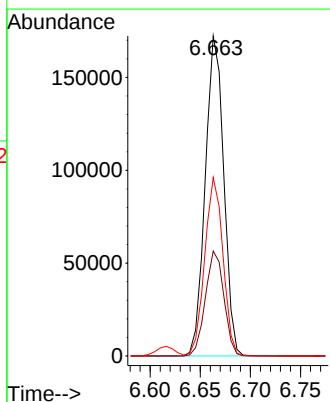
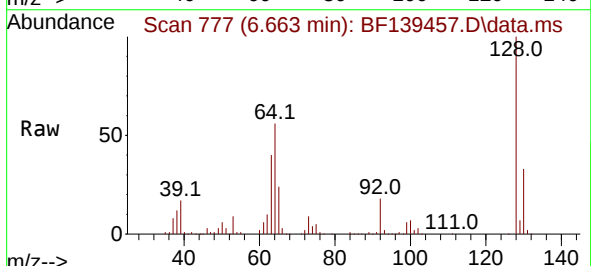
09/21/2024
Supervised By :mohammad
ahmed

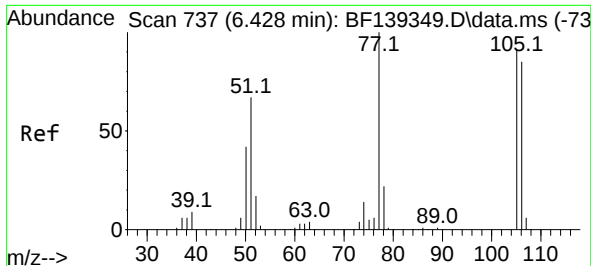
09/22/2024



#8
2-Chlorophenol
Concen: 44.851 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:128 Resp: 221886
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 55.8 35.1 75.1





#9
Benzaldehyde
Concen: 15.040 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

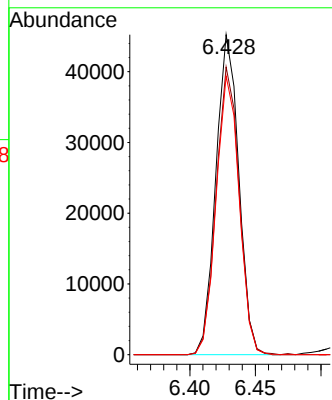
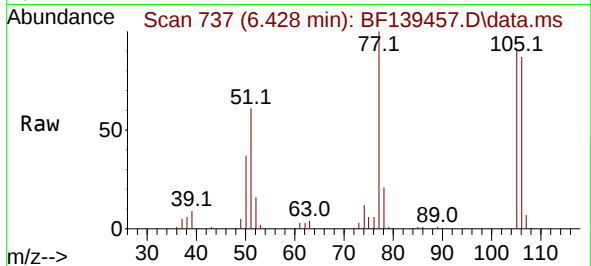
ClientSampleId :

PB163486BS

Tgt Ion: 77 Resp: 54814
Ion Ratio Lower Upper
77 100
105 89.9 71.0 111.0
106 87.0 64.9 104.9

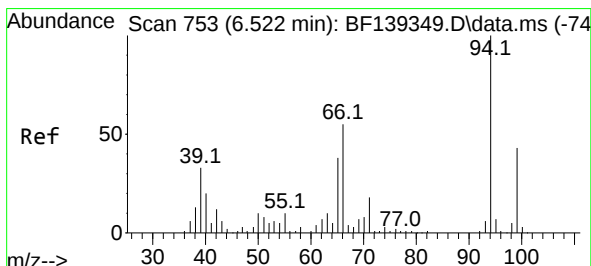
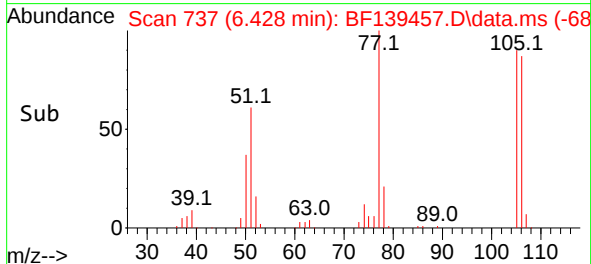
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



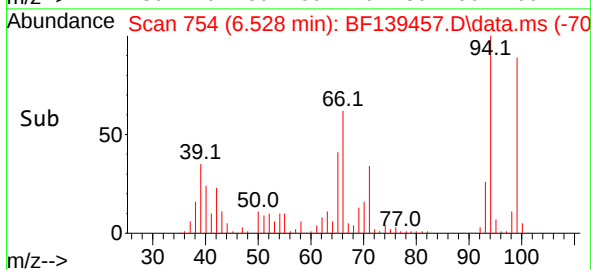
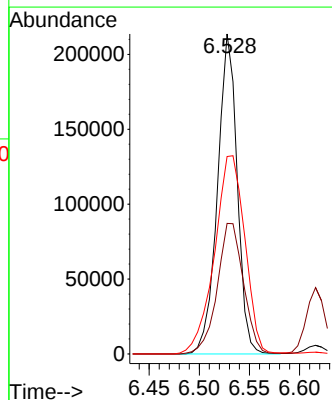
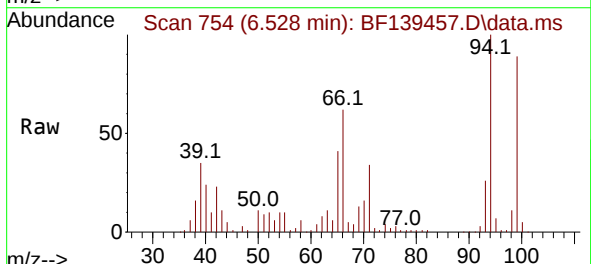
09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#10
Phenol
Concen: 45.396 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion: 94 Resp: 291662
Ion Ratio Lower Upper
94 100
65 40.8 17.6 57.6
66 61.7 35.2 75.2





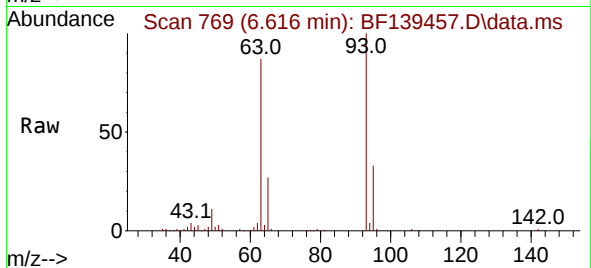
#11
bis(2-Chloroethyl)ether
Concen: 43.179 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

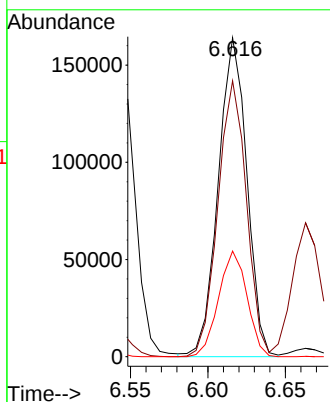
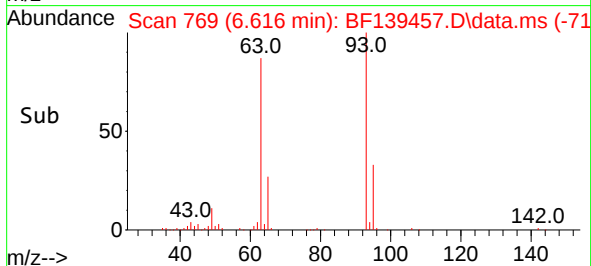
PB163486BS



Tgt Ion: 93 Resp: 210849
Ion Ratio Lower Upper
93 100
63 86.5 65.3 105.3
95 33.1 12.4 52.4

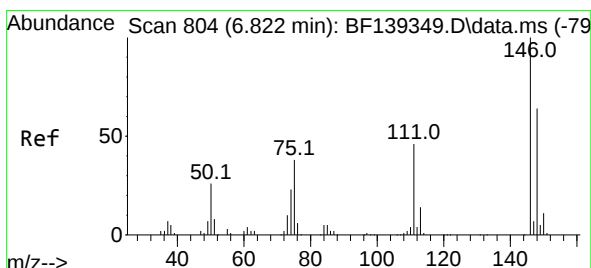
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

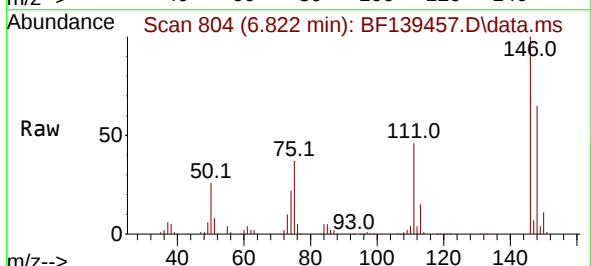


09/21/2024
Supervised By :mohammad
ahmed

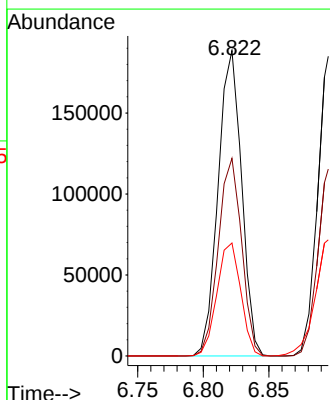
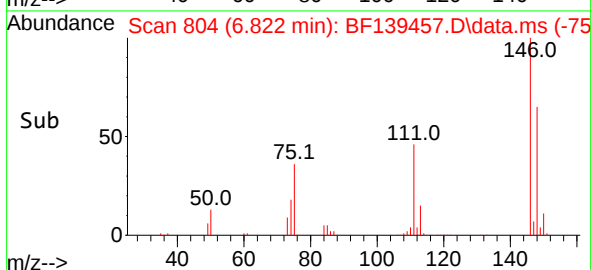
09/22/2024



#12
1,3-Dichlorobenzene
Concen: 41.737 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:146 Resp: 234824
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 37.0 30.6 46.0





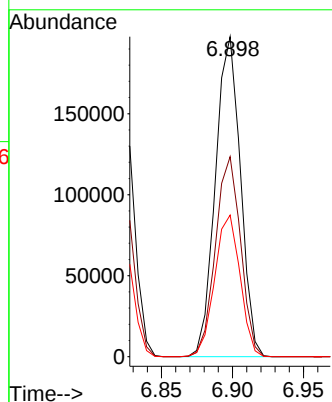
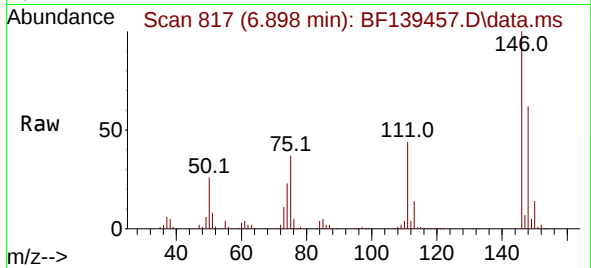
#13
1,4-Dichlorobenzene
Concen: 42.542 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion:146 Resp: 24187
Ion Ratio Lower Upper
146 100
148 62.5 50.9 76.3
111 44.2 36.3 54.5

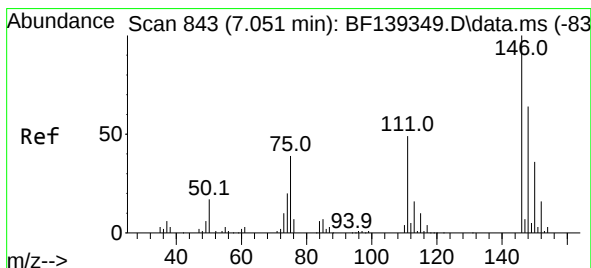
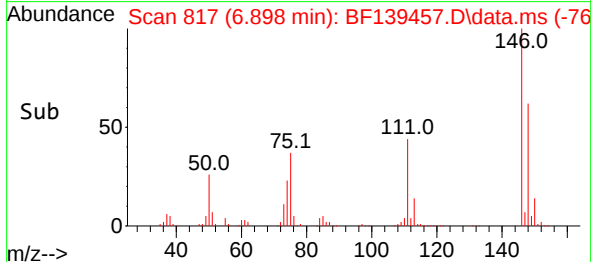
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



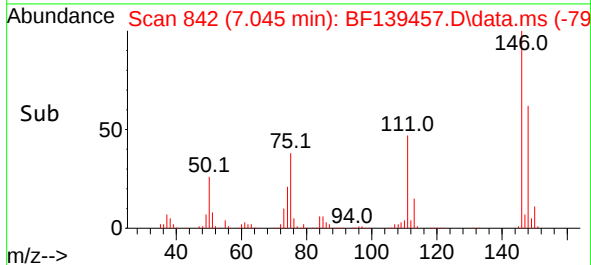
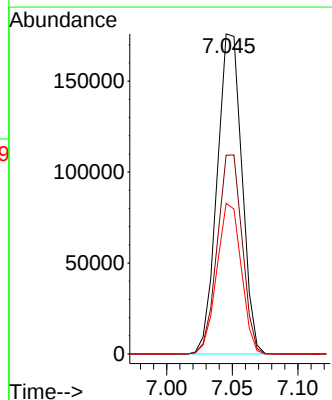
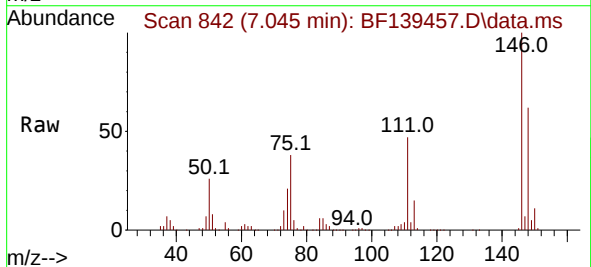
09/21/2024
Supervised By :mohammad
ahmed

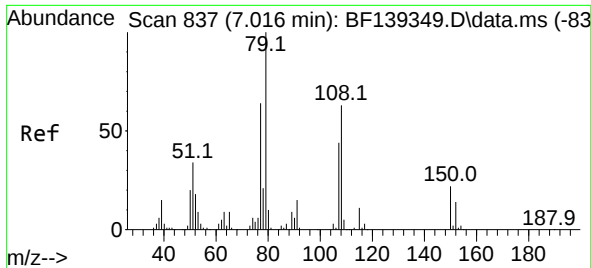
09/22/2024



#14
1,2-Dichlorobenzene
Concen: 42.970 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

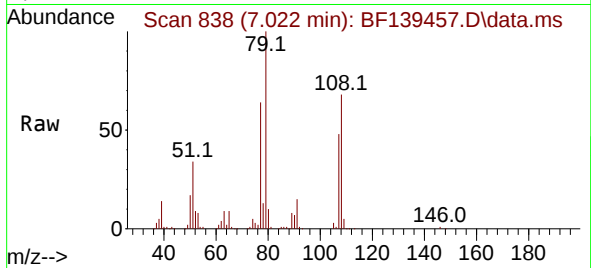
Tgt Ion:146 Resp: 230852
Ion Ratio Lower Upper
146 100
148 62.1 50.9 76.3
111 47.0 38.9 58.3





#15
Benzyl Alcohol
Concen: 44.064 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

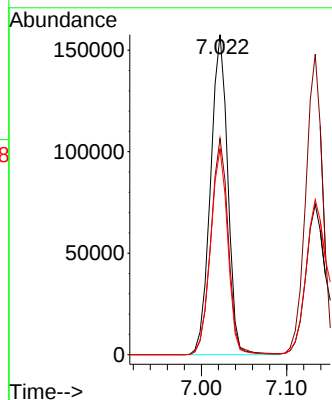
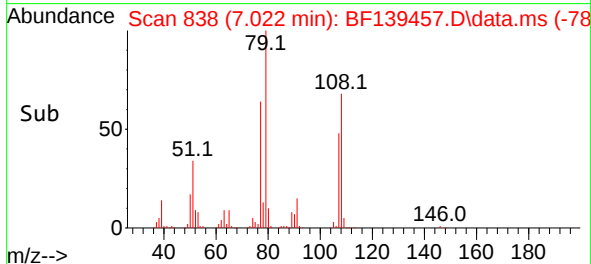
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion: 79 Resp: 221762
Ion Ratio Lower Upper
79 100
108 67.6 50.4 75.6
77 64.3 51.4 77.2

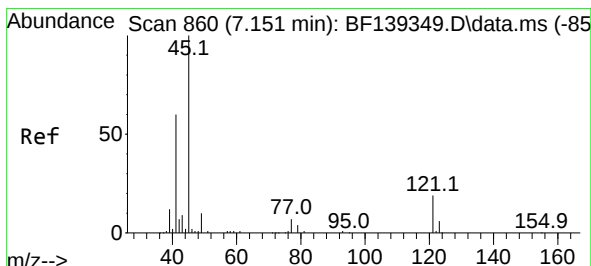
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



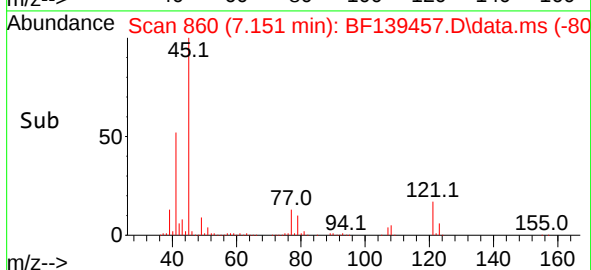
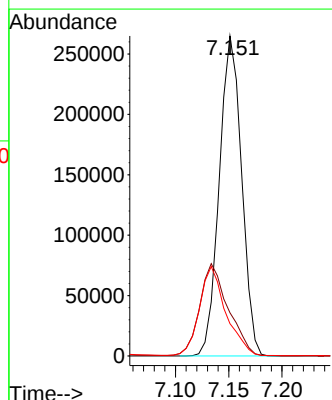
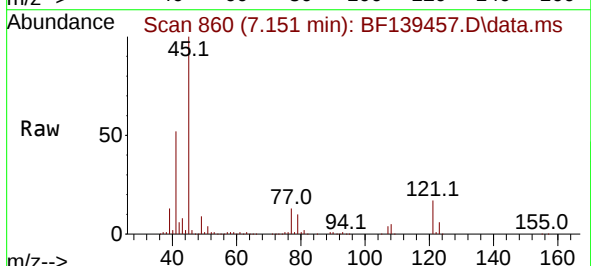
09/21/2024
Supervised By :mohammad
ahmed

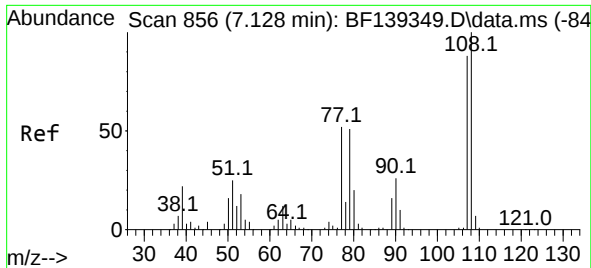
09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.258 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion: 45 Resp: 385745
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.0
79 10.1 0.0 29.1





#17
2-Methylphenol
Concen: 45.749 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

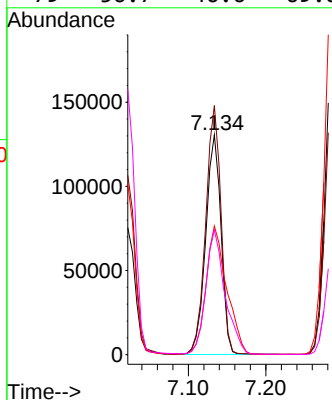
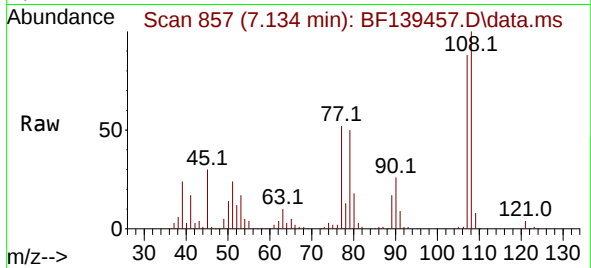
ClientSampleId :

PB163486BS

Tgt Ion:107 Resp: 179820
Ion Ratio Lower Upper
107 100
108 113.3 90.5 135.7
77 58.5 47.1 70.7
79 56.7 46.6 69.8

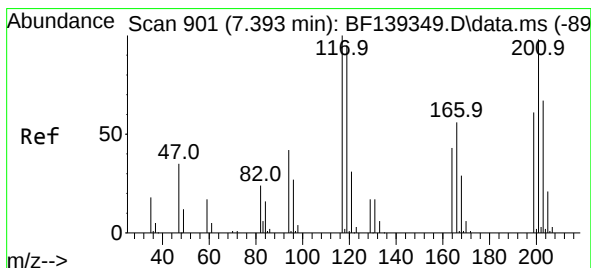
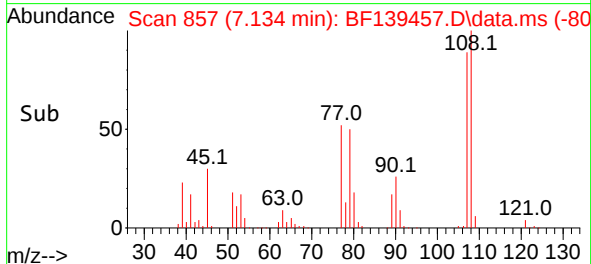
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



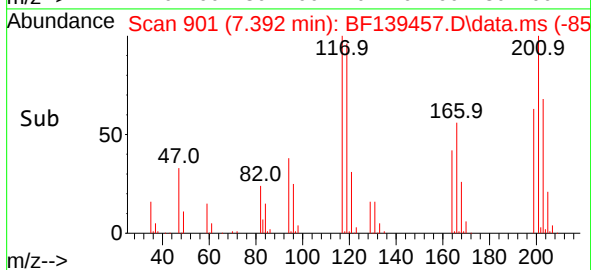
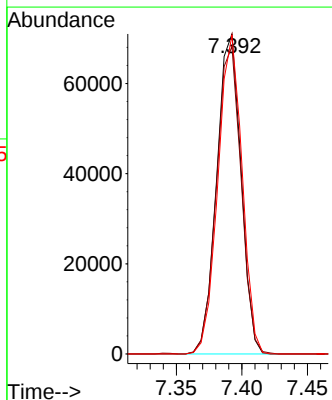
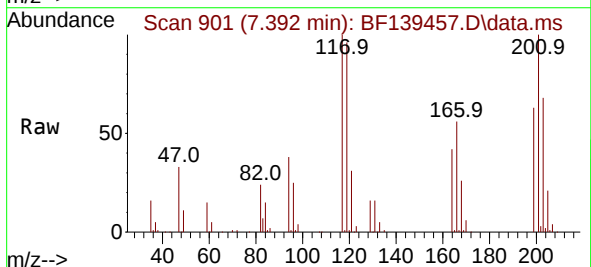
09/21/2024
Supervised By :mohammad
ahmed

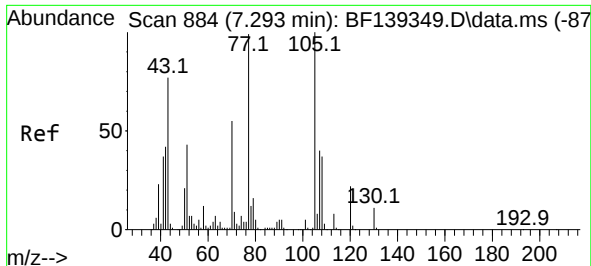
09/22/2024



#18
Hexachloroethane
Concen: 42.230 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:117 Resp: 91451
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 99.6 78.6 118.0





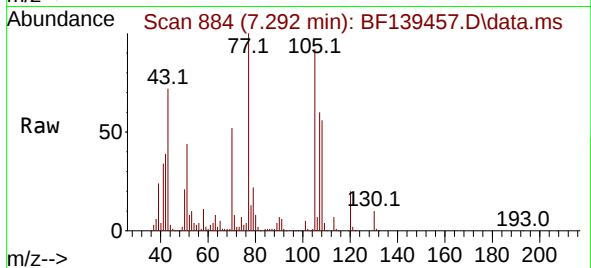
#19
n-Nitroso-di-n-propylamine
Concen: 46.365 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

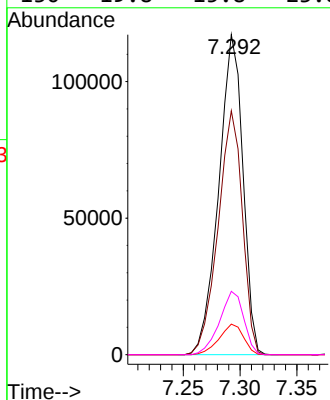
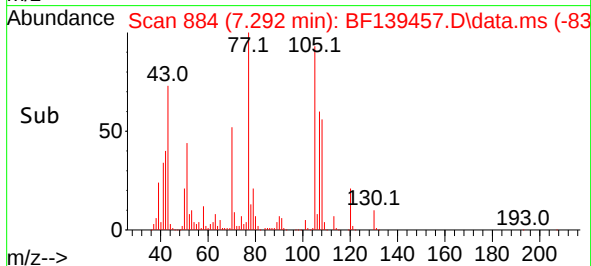
PB163486BS



Tgt Ion: 70 Resp: 173318
Ion Ratio Lower Upper
70 100
42 76.2 61.2 91.8
101 9.6 7.5 11.3
130 19.8 15.8 23.8

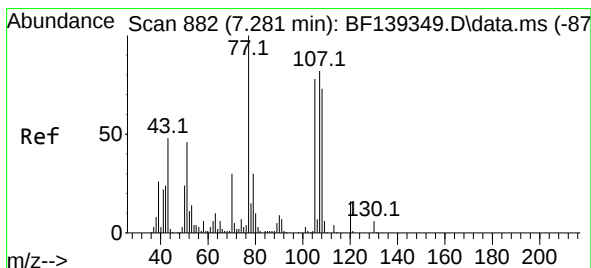
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

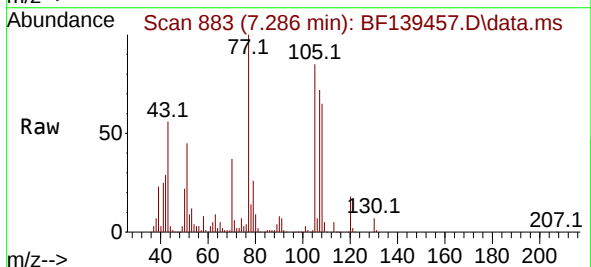


09/21/2024
Supervised By :mohammad
ahmed

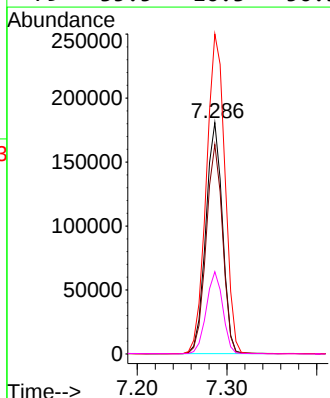
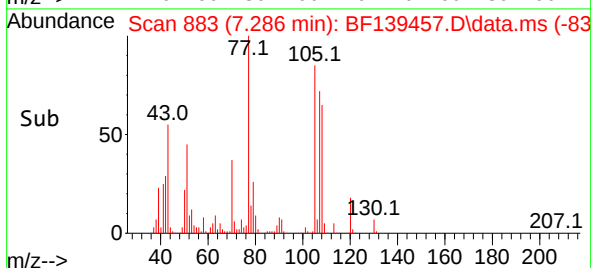
09/22/2024

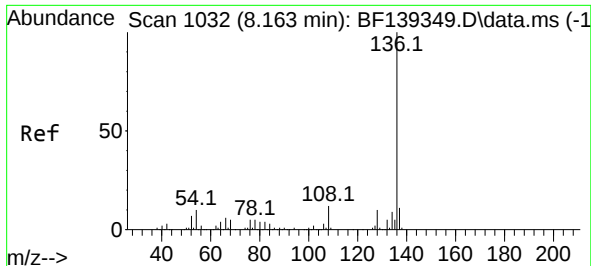


#20
3+4-Methylphenols
Concen: 43.366 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:107 Resp: 232549
Ion Ratio Lower Upper
107 100
108 90.5 68.6 108.6
77 138.3 101.6 141.6
79 35.5 16.3 56.3





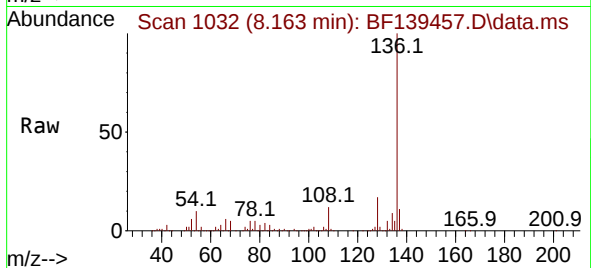
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

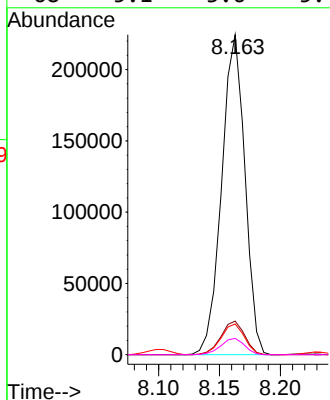
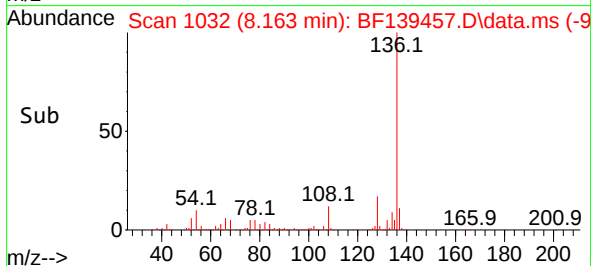
PB163486BS



Tgt Ion:136 Resp: 297915
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.6 7.8 11.8
68 5.1 3.6 5.4

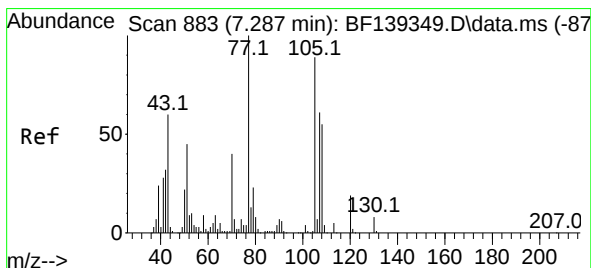
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

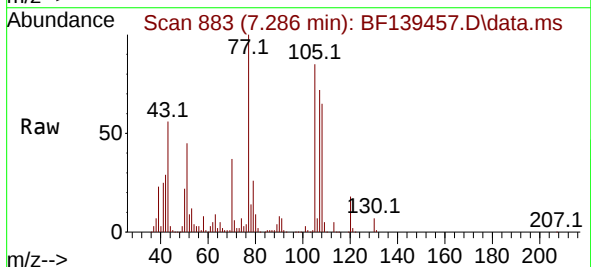


09/21/2024
Supervised By :mohammad
ahmed

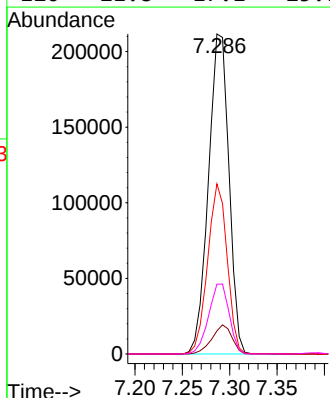
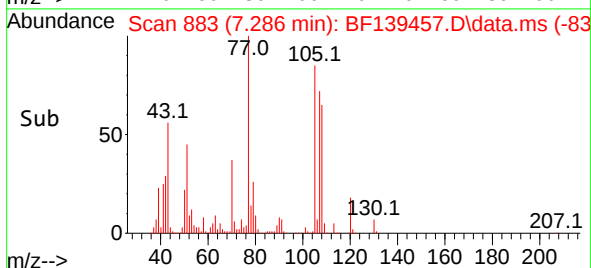
09/22/2024

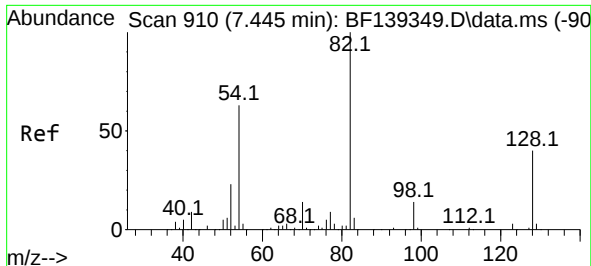


#22
Acetophenone
Concen: 40.996 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:105 Resp: 319294
Ion Ratio Lower Upper
105 100
71 7.2 5.9 8.9
51 53.2 40.0 60.0
120 21.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 86.109 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion: 82 Resp: 54568

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

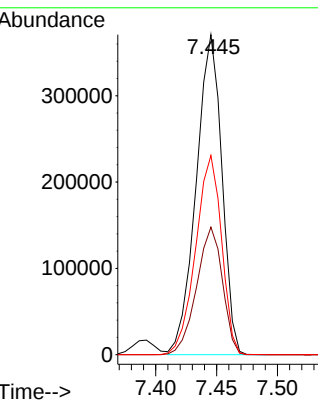
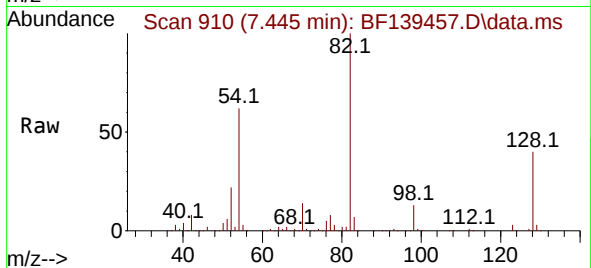
54 62.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh

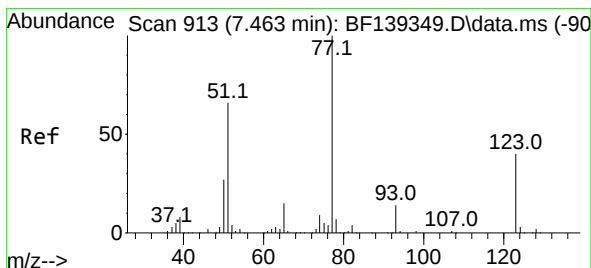
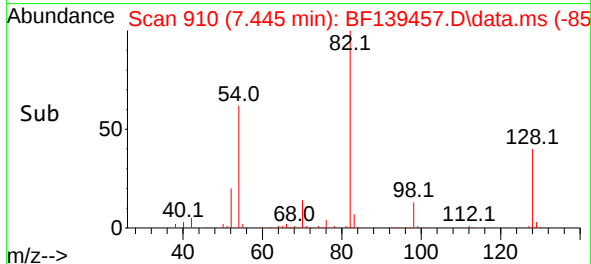
Patel



09/21/2024

Supervised By :mohammad
ahmed

09/22/2024



#24

Nitrobenzene

Concen: 40.514 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

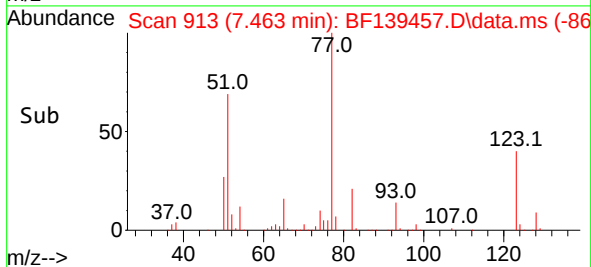
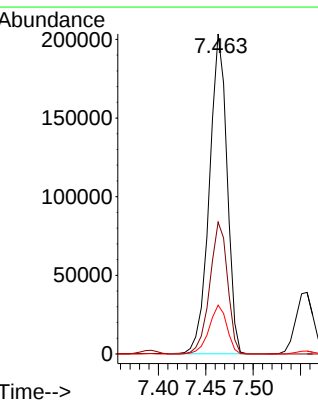
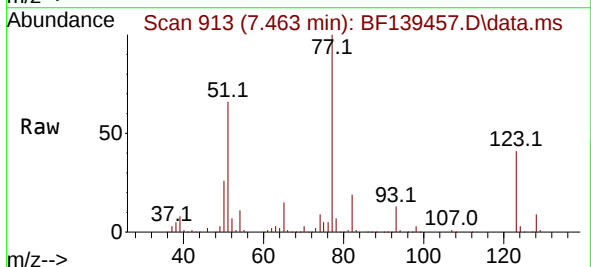
Tgt Ion: 77 Resp: 264237

Ion Ratio Lower Upper

77 100

123 41.2 32.2 48.4

65 15.2 12.2 18.4





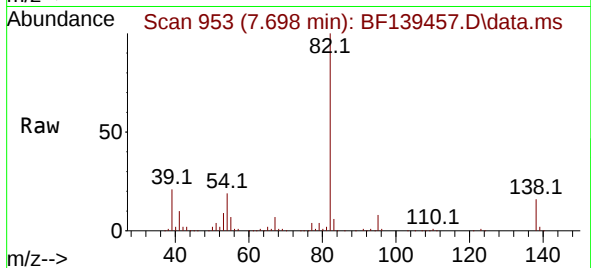
#25
Isophorone
Concen: 45.106 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

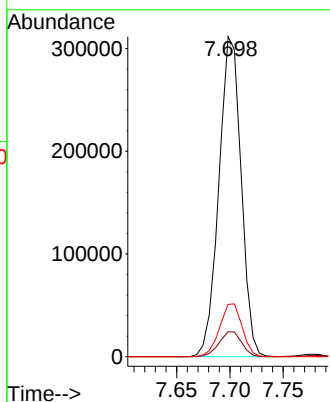
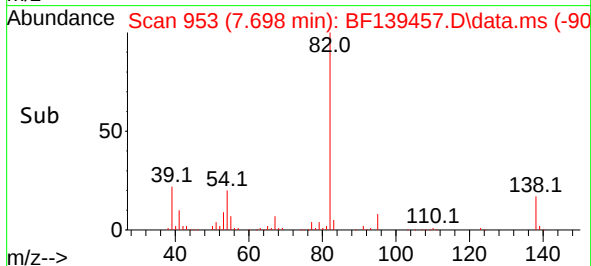
PB163486BS



Tgt Ion: 82 Resp: 45206
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.4 13.3 19.9

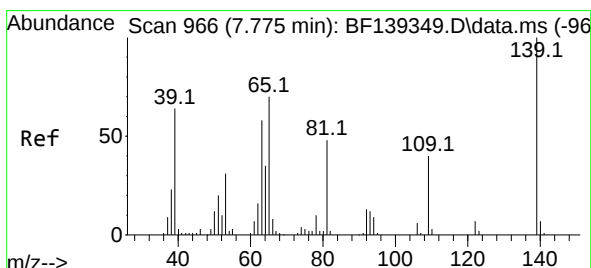
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

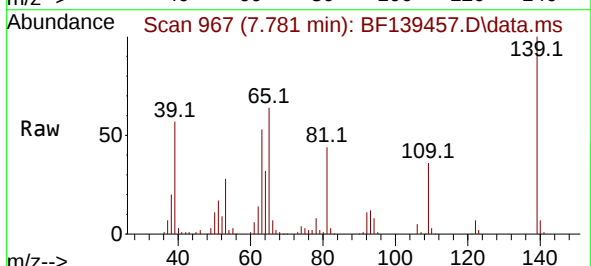


09/21/2024
Supervised By :mohammad
ahmed

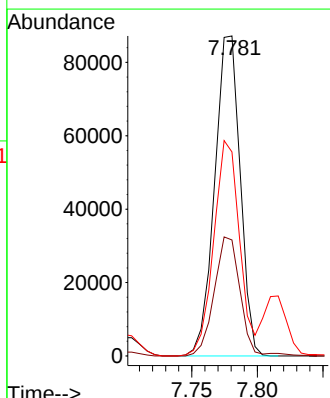
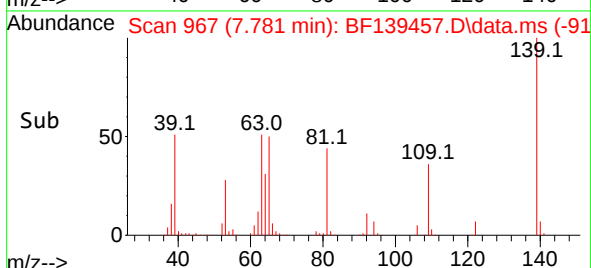
09/22/2024

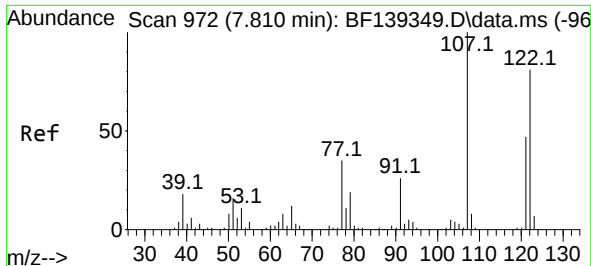


#26
2-Nitrophenol
Concen: 46.453 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:139 Resp: 118039
Ion Ratio Lower Upper
139 100
109 36.3 32.2 48.2
65 63.7 55.8 83.8





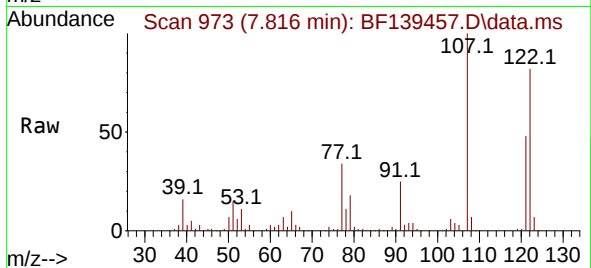
#27
2,4-Dimethylphenol
Concen: 54.066 ng
RT: 7.816 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

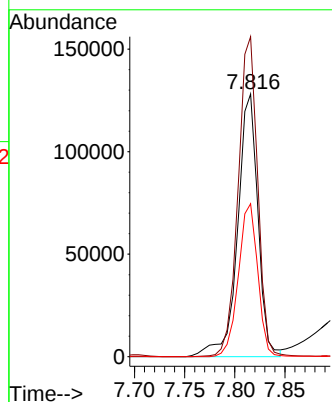
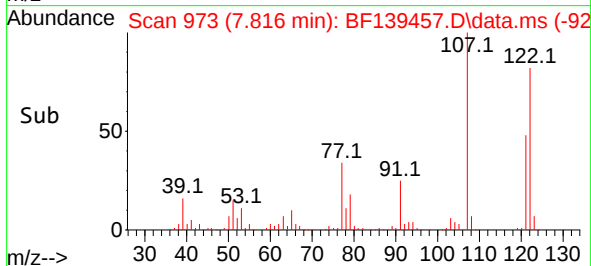
PB163486BS



Tgt Ion:122 Resp: 18122
Ion Ratio Lower Upper
122 100
107 121.8 99.1 148.7
121 58.2 46.6 70.0

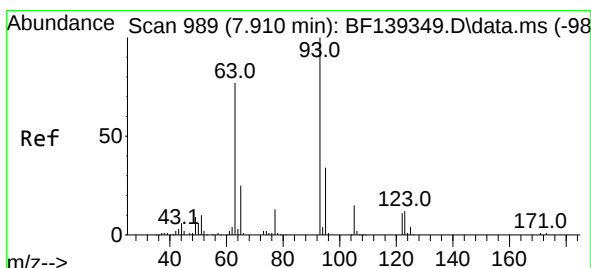
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



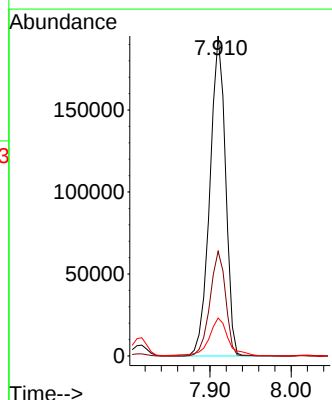
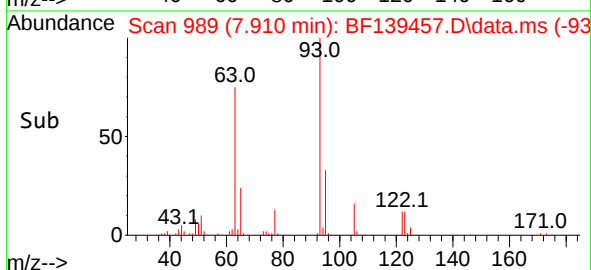
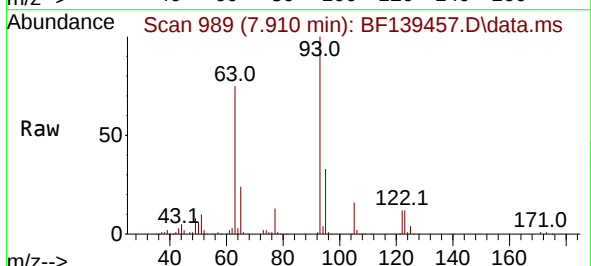
09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.709 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion: 93 Resp: 261082
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.9 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 43.616 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

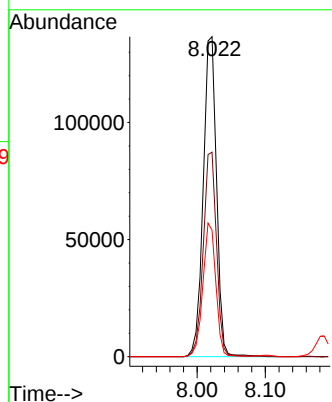
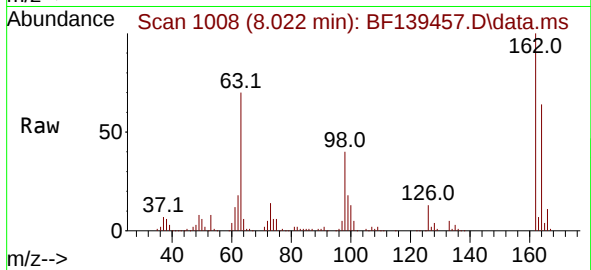
ClientSampleId :

PB163486BS

Tgt Ion:162 Resp: 18572
Ion Ratio Lower Upper
162 100
164 63.9 43.6 83.6
98 39.6 19.7 59.7

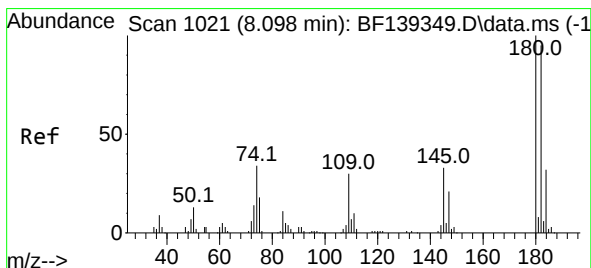
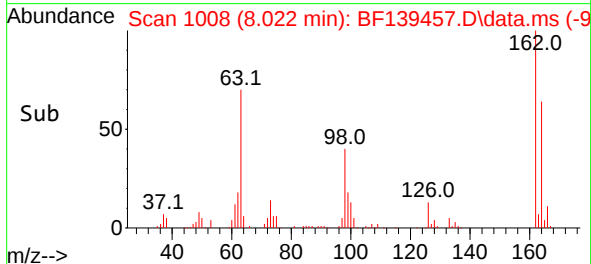
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



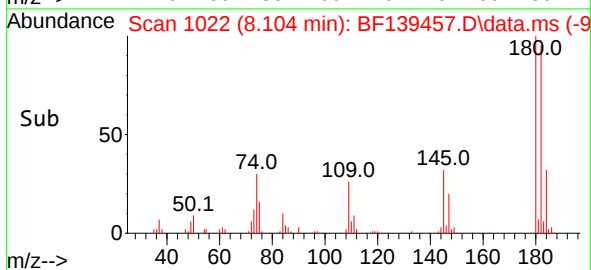
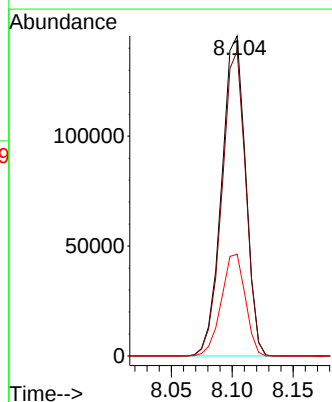
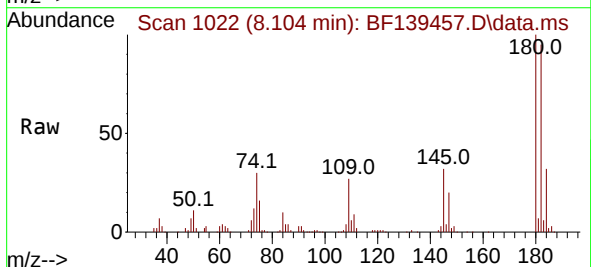
09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.175 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:180 Resp: 199323
Ion Ratio Lower Upper
180 100
182 95.3 75.7 113.5
145 31.8 26.5 39.7





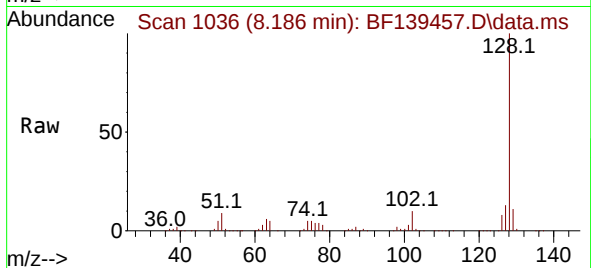
#31
Naphthalene
Concen: 42.307 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

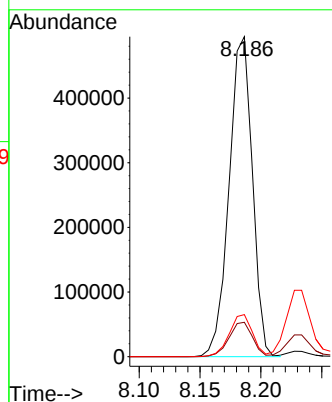
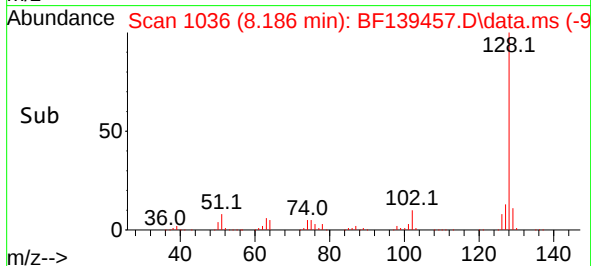
PB163486BS



Tgt Ion:128 Resp: 65799
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.6 16.0

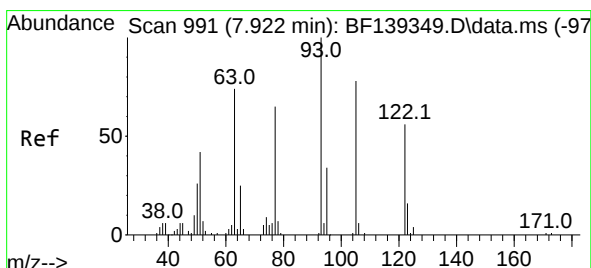
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

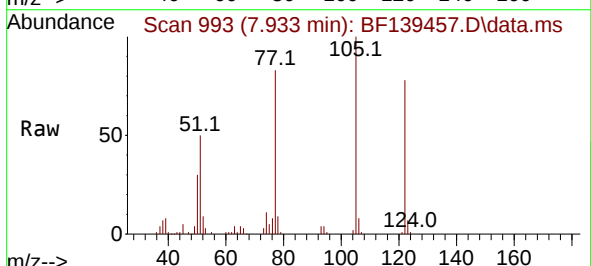


09/21/2024
Supervised By :mohammad
ahmed

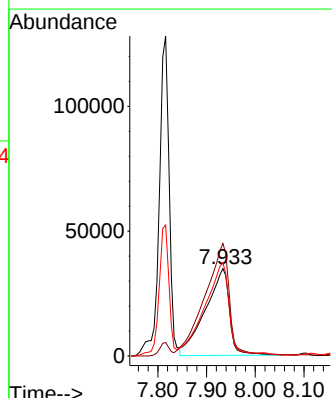
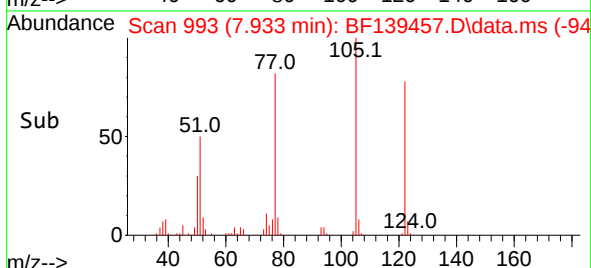
09/22/2024

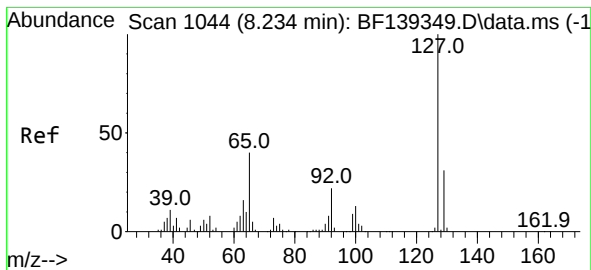


#32
Benzoic acid
Concen: 38.011 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:122 Resp: 119232
Ion Ratio Lower Upper
122 100
105 128.7 117.1 157.1
77 106.7 95.4 135.4





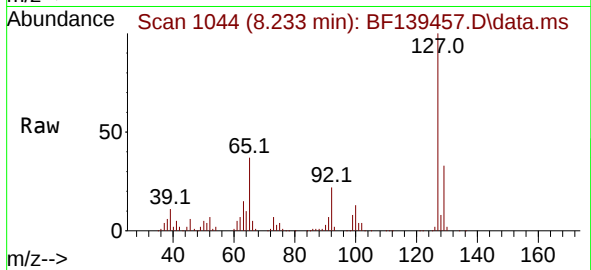
#33
4-Chloroaniline
Concen: 32.635 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

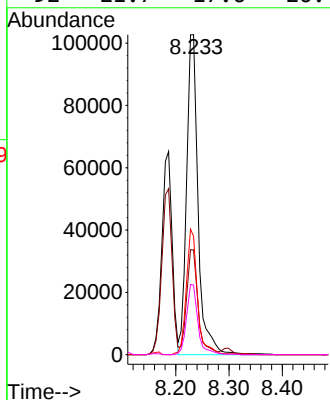
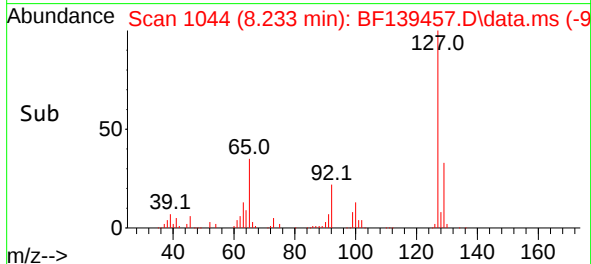
PB163486BS



Tgt Ion:127 Resp: 155278
Ion Ratio Lower Upper
127 100
129 32.8 25.5 38.3
65 37.0 31.5 47.3
92 21.7 17.6 26.4

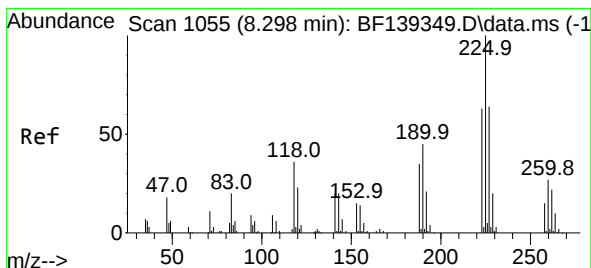
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



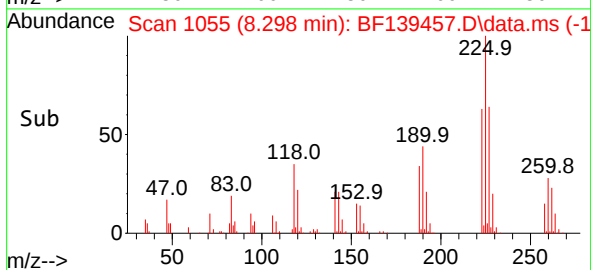
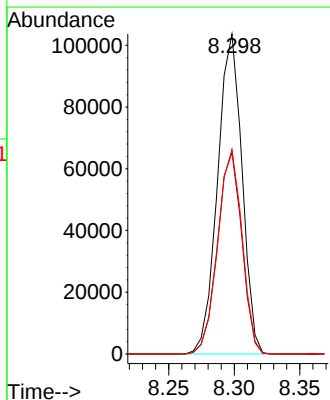
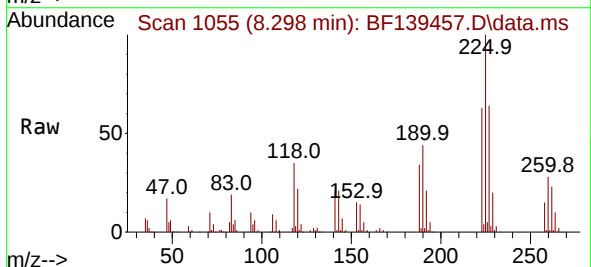
09/21/2024
Supervised By :mohammad
ahmed

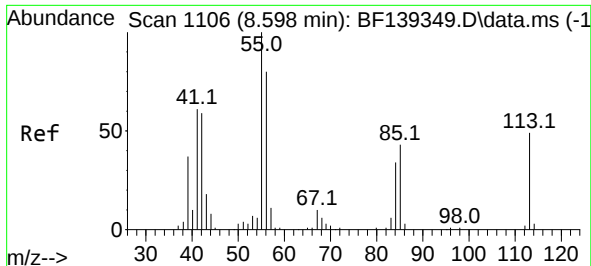
09/22/2024



#34
Hexachlorobutadiene
Concen: 39.827 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

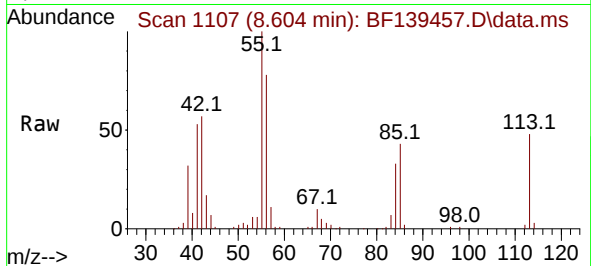
Tgt Ion:225 Resp: 134246
Ion Ratio Lower Upper
225 100
223 62.9 50.1 75.1
227 64.0 51.0 76.6





#35
Caprolactam
Concen: 43.834 ng m
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

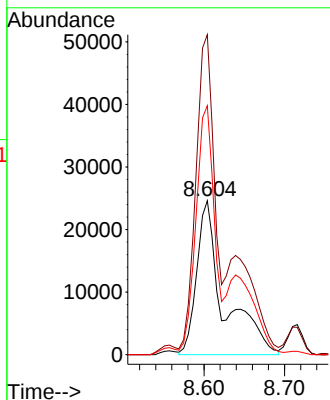
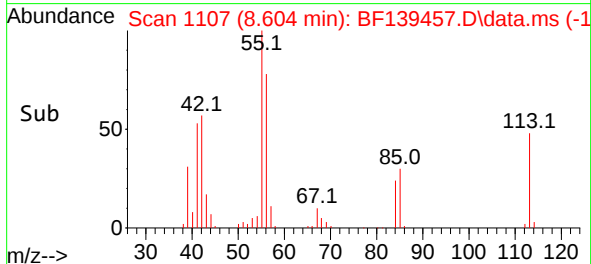
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion:113 Resp: 57410
Ion Ratio Lower Upper
113 100
55 207.8 186.1 226.1
56 161.7 144.9 184.9

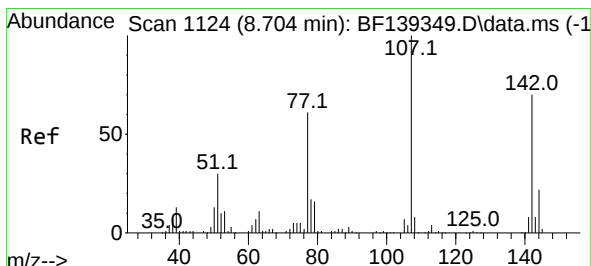
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



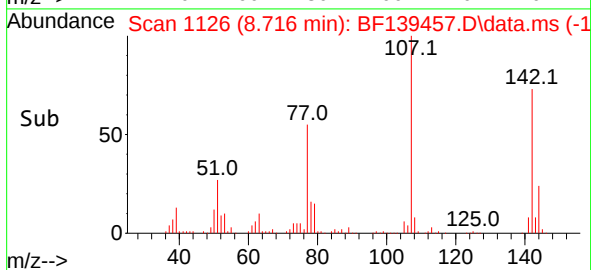
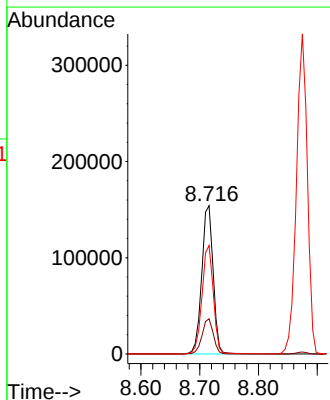
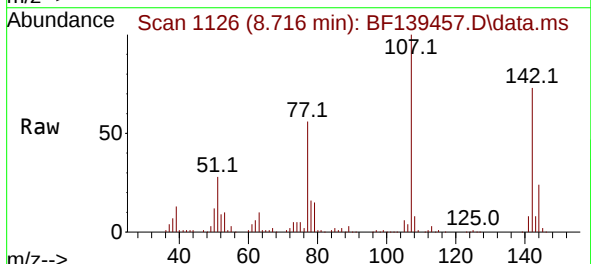
09/21/2024
Supervised By :mohammad
ahmed

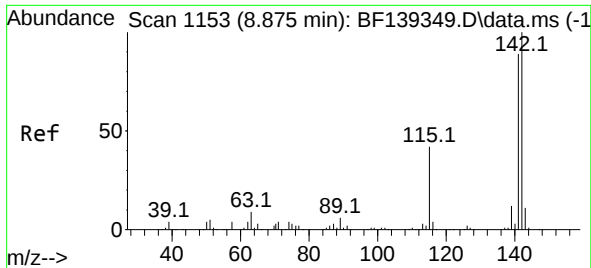
09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 42.981 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:107 Resp: 209161
Ion Ratio Lower Upper
107 100
144 23.7 17.5 26.3
142 73.1 55.8 83.8





#37
2-Methylnaphthalene
Concen: 43.422 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

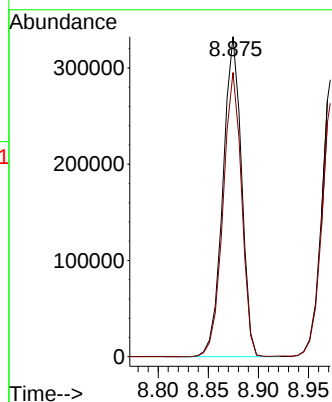
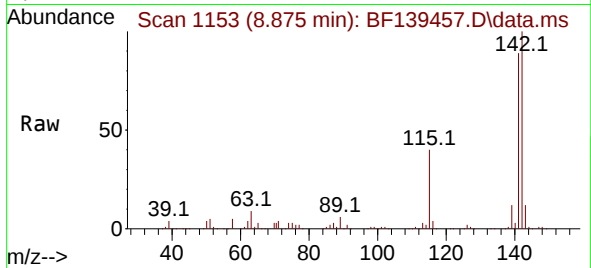
ClientSampleId :

PB163486BS

Tgt Ion:142 Resp: 428660
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4

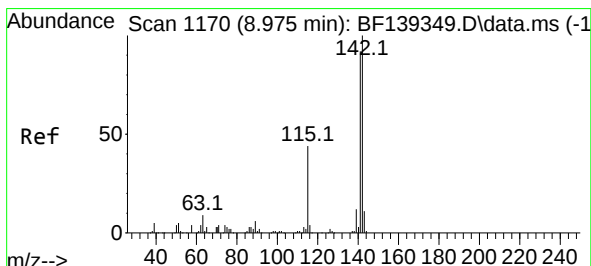
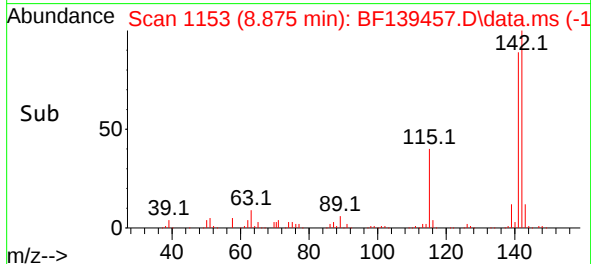
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



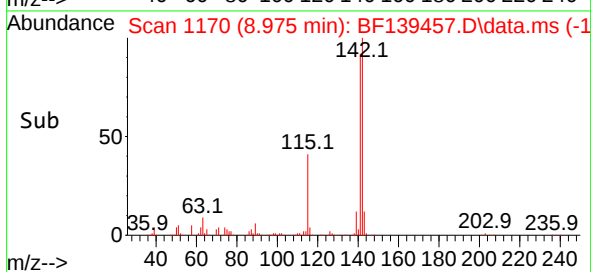
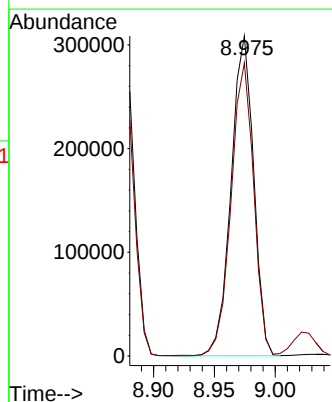
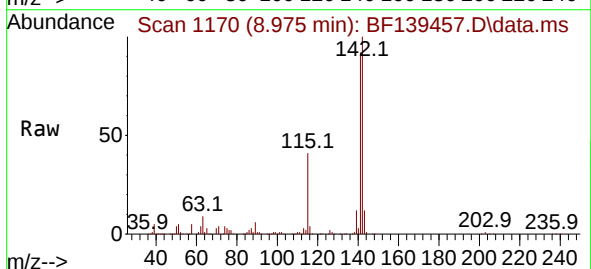
09/21/2024
Supervised By :mohammad
ahmed

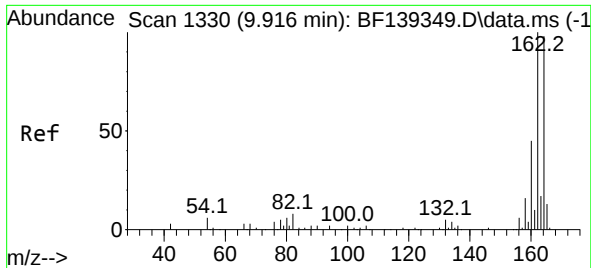
09/22/2024



#38
1-Methylnaphthalene
Concen: 40.965 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:142 Resp: 397025
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8





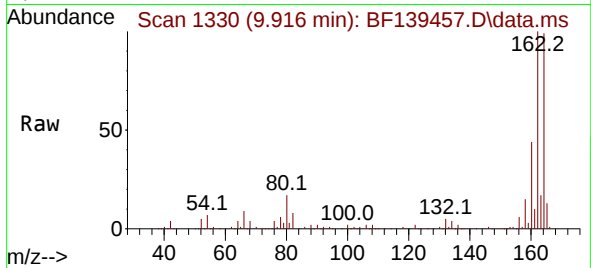
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

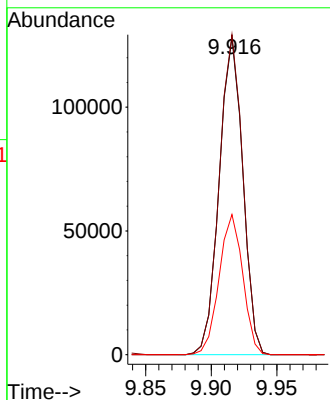
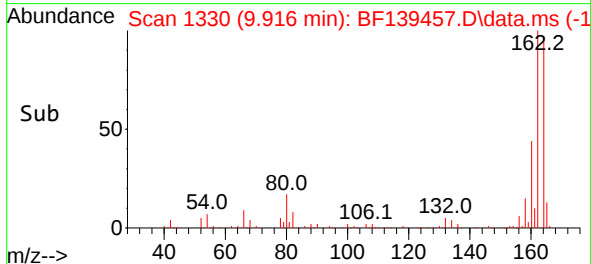
PB163486BS



Tgt Ion:164 Resp: 160194
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.2 36.4 54.6

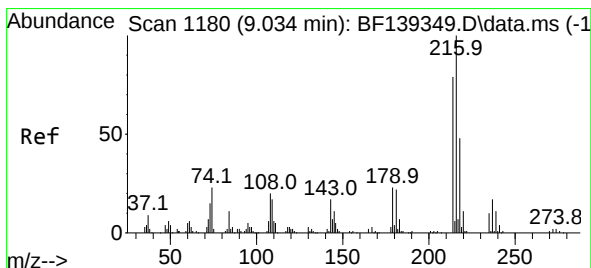
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



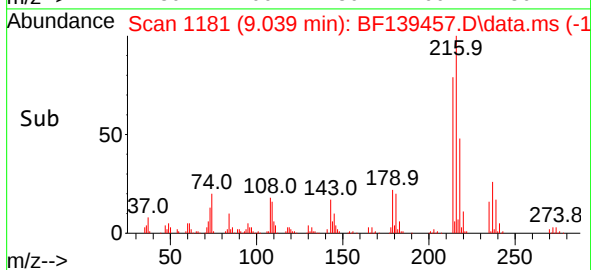
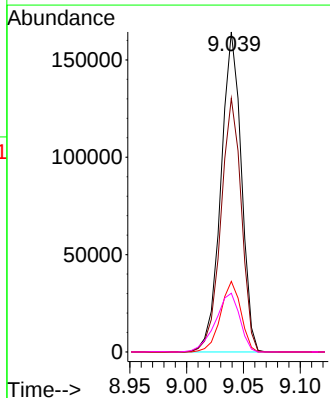
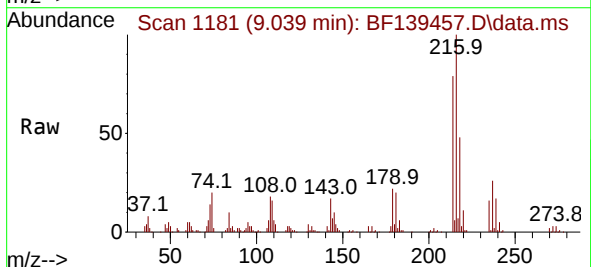
09/21/2024
Supervised By :mohammad
ahmed

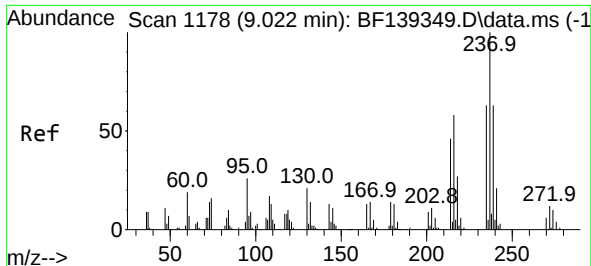
09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.259 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

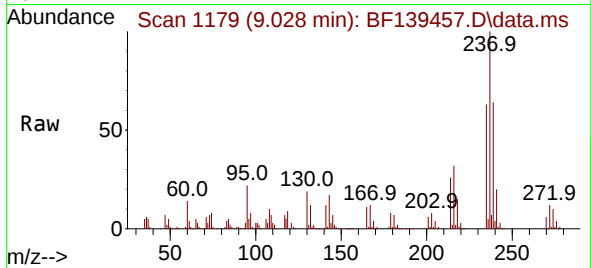
Tgt Ion:216 Resp: 205379
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 22.0 18.2 27.2
108 21.9 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 150.974 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

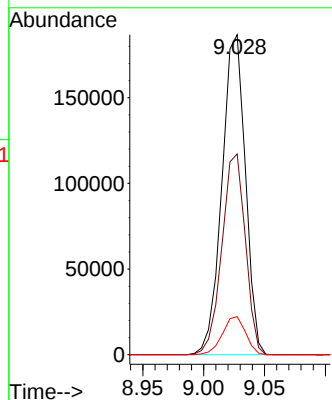
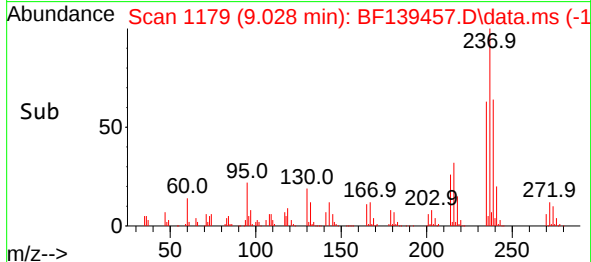
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion:237 Resp: 250260
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 11.9 0.0 32.5

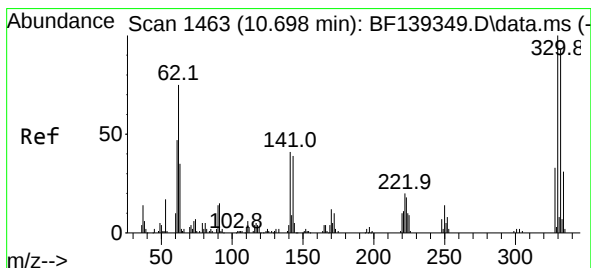
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

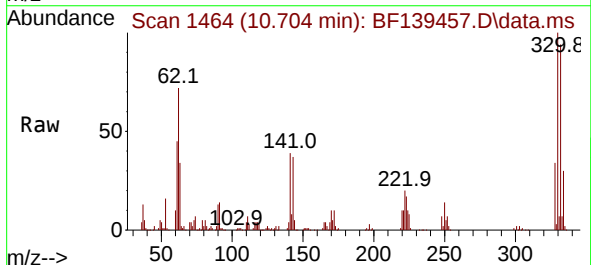


09/21/2024
Supervised By :mohammad
ahmed

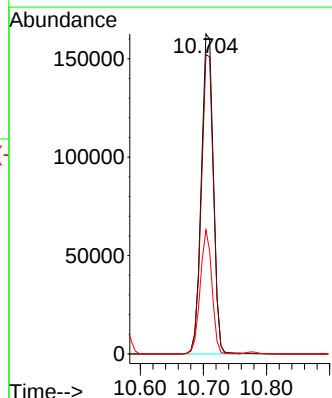
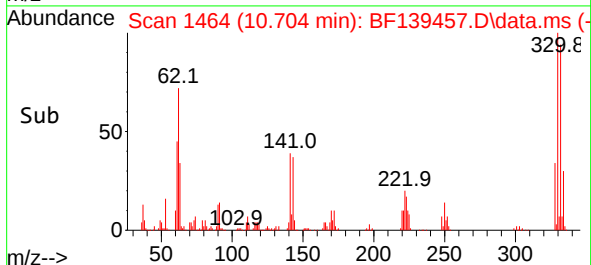
09/22/2024

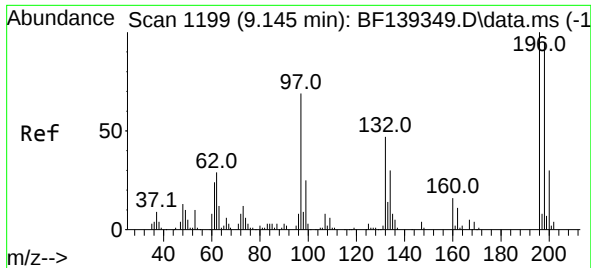


#42
2,4,6-Tribromophenol
Concen: 126.304 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:330 Resp: 215406
Ion Ratio Lower Upper
330 100
332 94.2 75.2 112.8
141 37.5 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 46.151 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

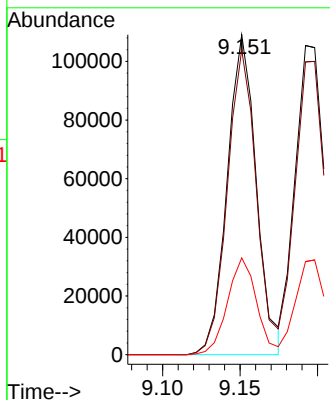
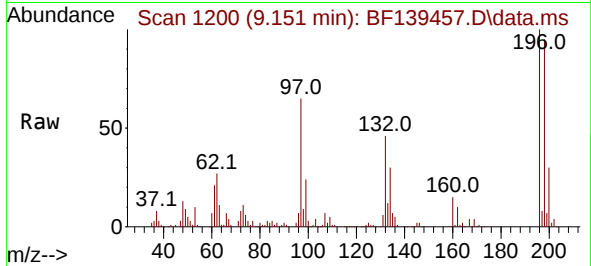
ClientSampleId :

PB163486BS

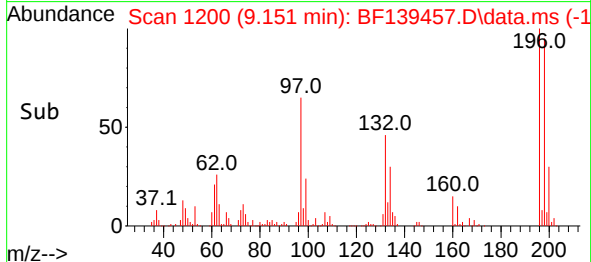
Tgt Ion:196 Resp: 142550
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.6
200 30.2 24.1 36.1

Manual Integrations
APPROVED

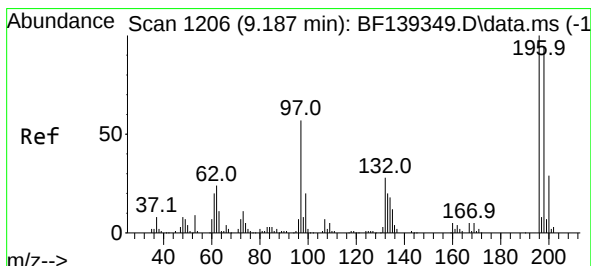
Reviewed By :Yogesh
Patel



09/21/2024
Supervised By :mohammad
ahmed

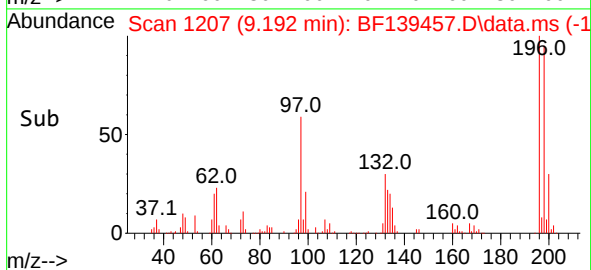
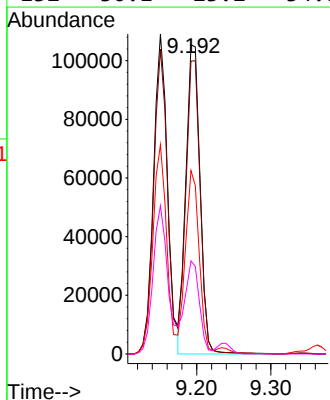
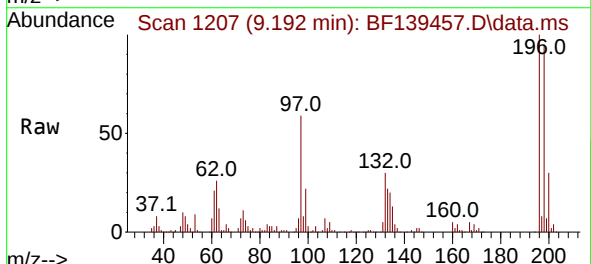


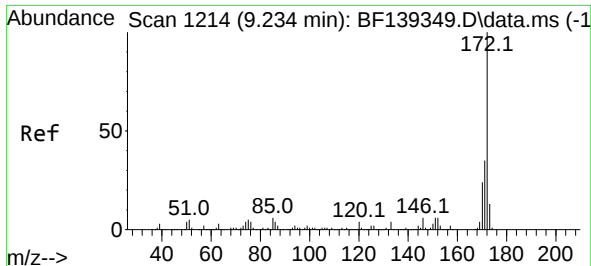
09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 43.352 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:196 Resp: 141249
Ion Ratio Lower Upper
196 100
198 94.7 74.8 112.2
97 59.3 47.3 70.9
132 30.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 87.868 ng

RT: 9.239 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion:172 Resp: 1003610

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

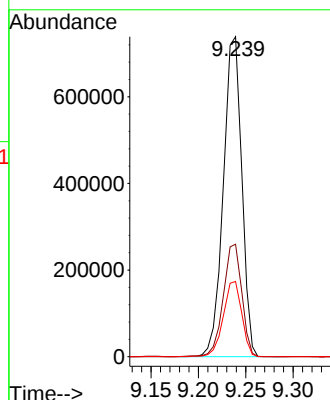
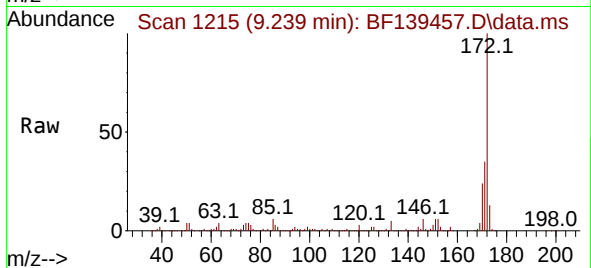
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

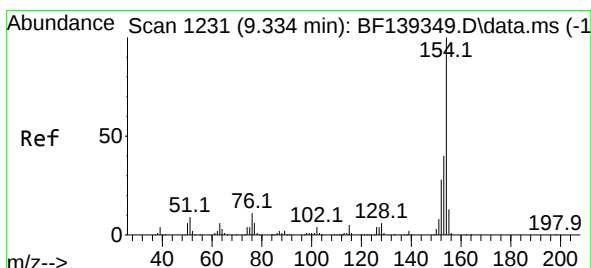
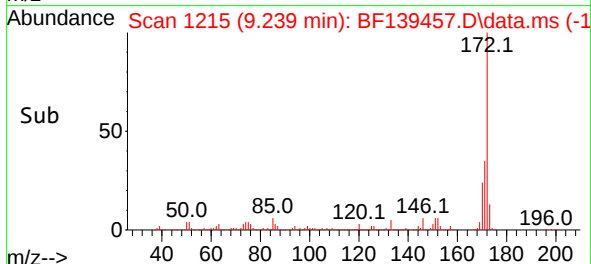
Patel



09/21/2024

Supervised By :mohammad
ahmed

09/22/2024



#46

1,1'-Biphenyl

Concen: 42.956 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

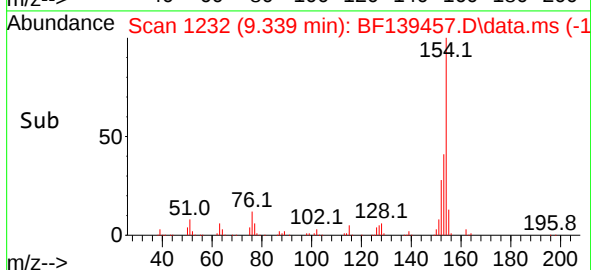
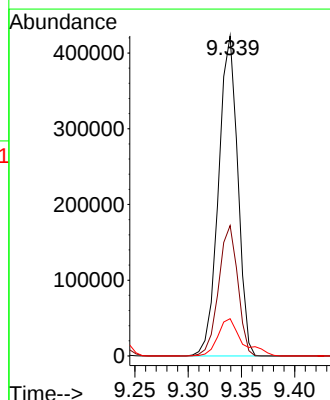
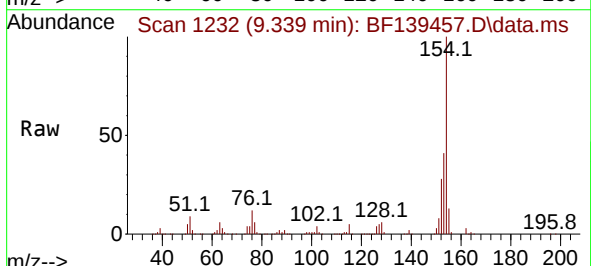
Tgt Ion:154 Resp: 529399

Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 42.996 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139457.D

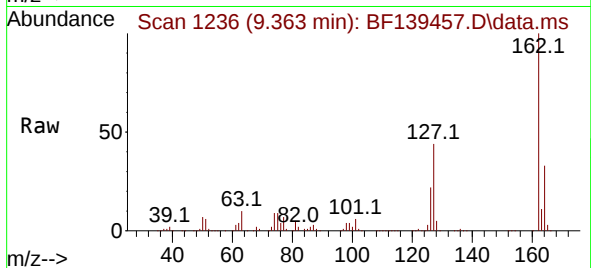
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

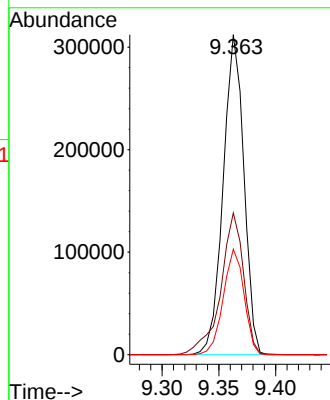
PB163486BS



Tgt Ion:	162	Resp:	39620
Ion Ratio	Lower	Upper	
162	100		
127	44.3	35.0	52.4
164	33.0	25.8	38.6

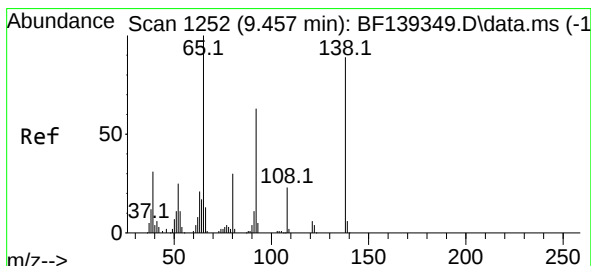
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#48

2-Nitroaniline

Concen: 44.319 ng

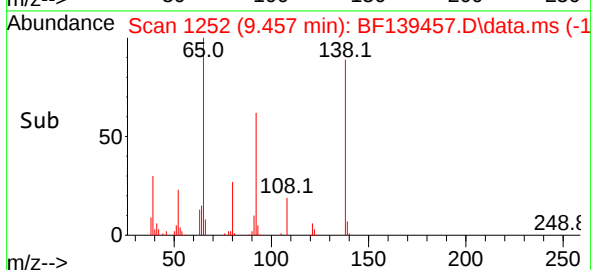
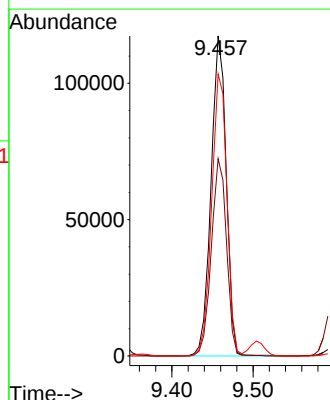
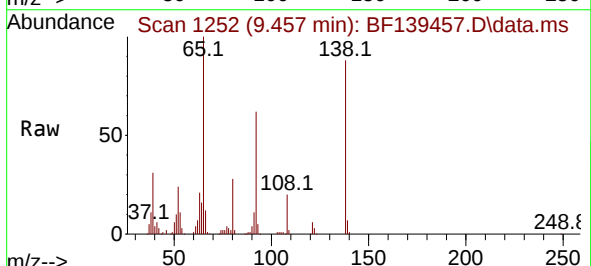
RT: 9.457 min Scan# 1252

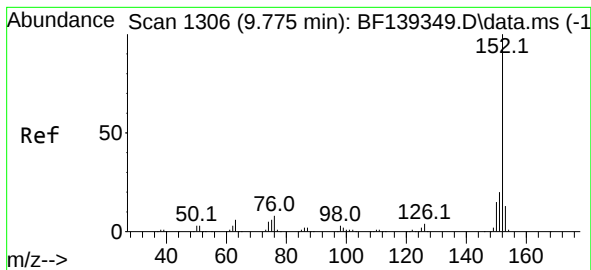
Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Tgt Ion:	65	Resp:	151897
Ion Ratio	Lower	Upper	
65	100		
92	61.6	50.3	75.5
138	88.1	71.3	106.9





#49

Acenaphthylene

Concen: 47.188 ng

RT: 9.780 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion:152 Resp: 654538

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

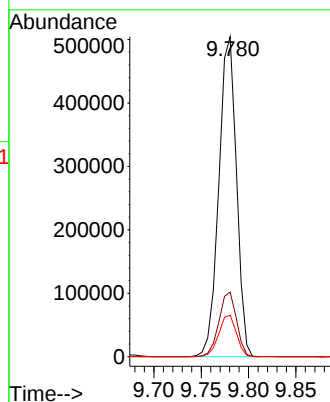
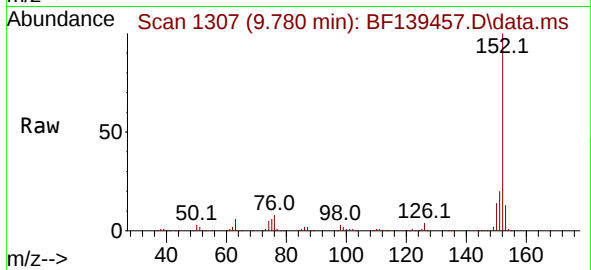
153 13.0 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

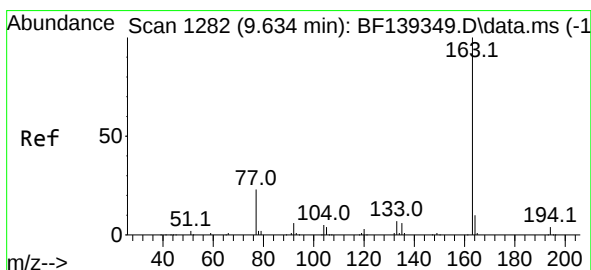
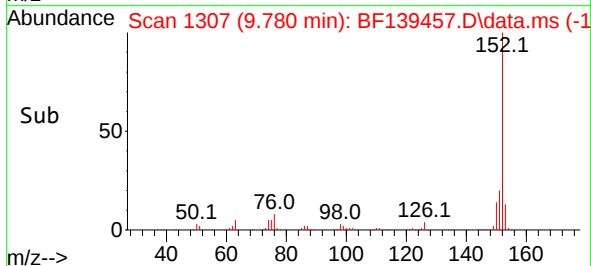
Patel



09/21/2024

Supervised By :mohammad
ahmed

09/22/2024



#50

Dimethylphthalate

Concen: 44.791 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

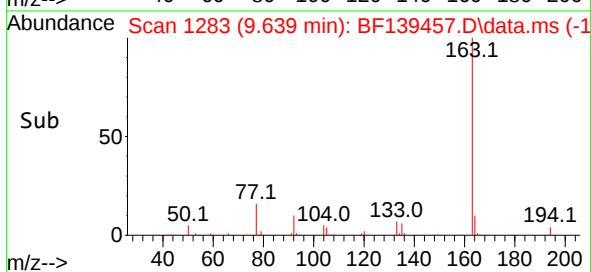
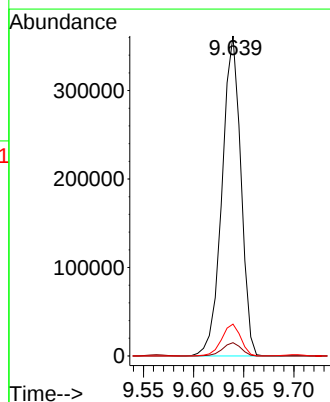
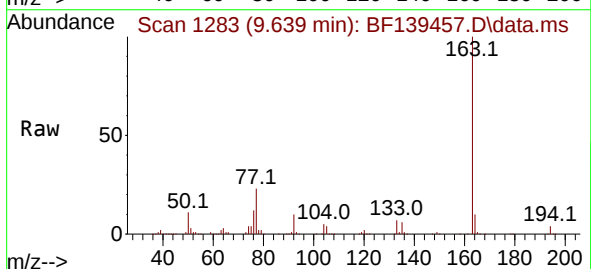
Tgt Ion:163 Resp: 470941

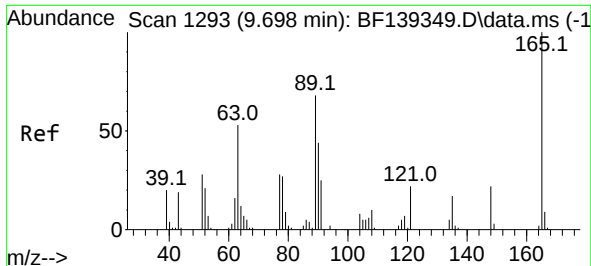
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.672 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

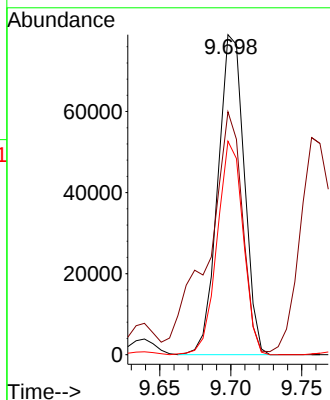
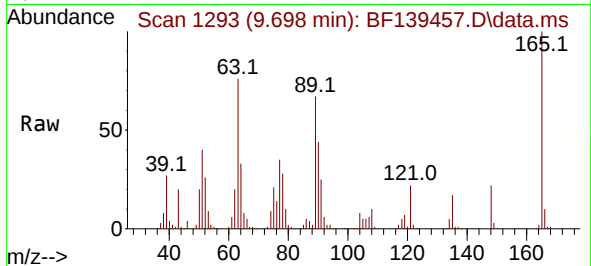
ClientSampleId :

PB163486BS

Tgt Ion:165 Resp: 10172
Ion Ratio Lower Upper
165 100
63 75.9 60.9 91.3
89 66.7 54.7 82.1

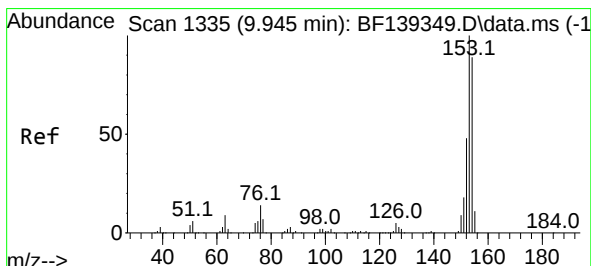
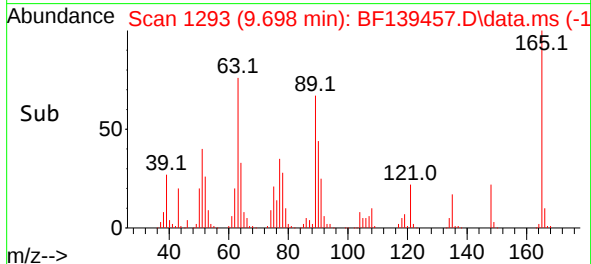
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



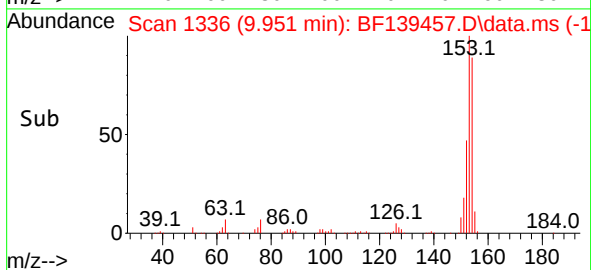
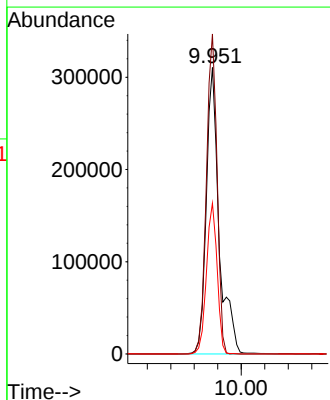
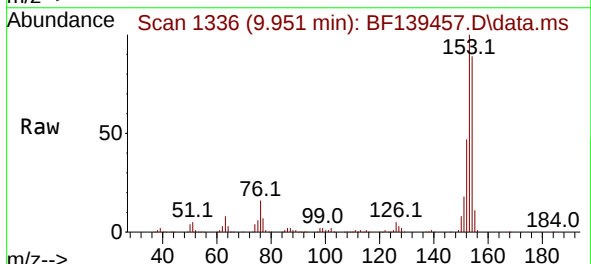
09/21/2024
Supervised By :mohammad
ahmed

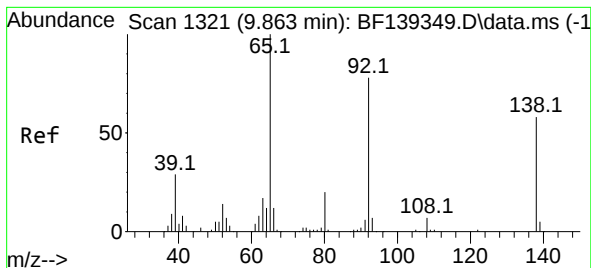
09/22/2024



#52
Acenaphthene
Concen: 48.807 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:154 Resp: 472499
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 52.6 42.6 64.0





#53

3-Nitroaniline

Concen: 33.417 ng

RT: 9.869 min Scan# 1321

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

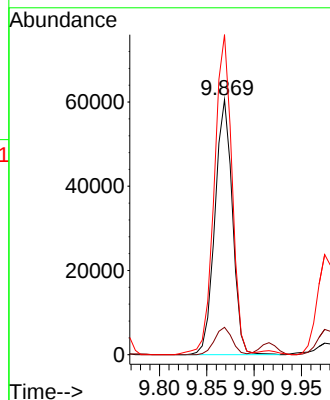
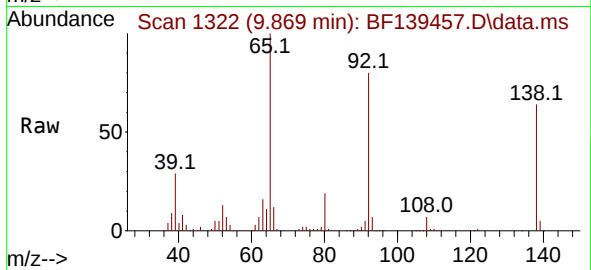
PB163486BS

Tgt Ion:138 Resp: 7778

Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.8	14.8
92	125.4	107.4	161.2

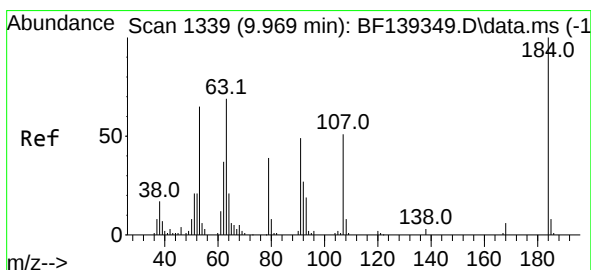
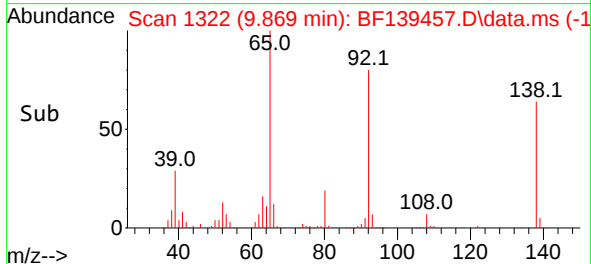
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#54

2,4-Dinitrophenol

Concen: 88.795 ng

RT: 9.975 min Scan# 1340

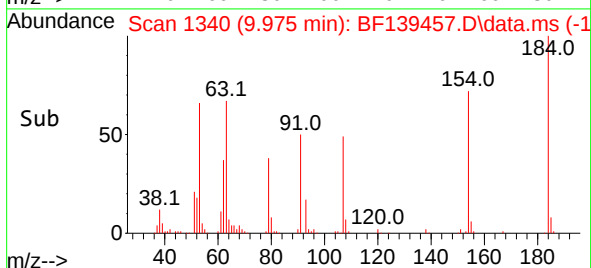
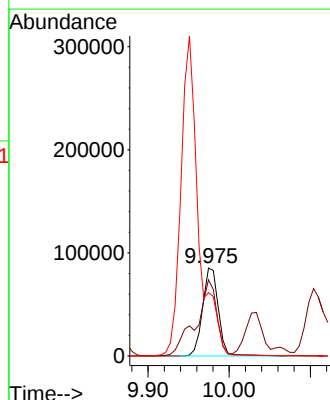
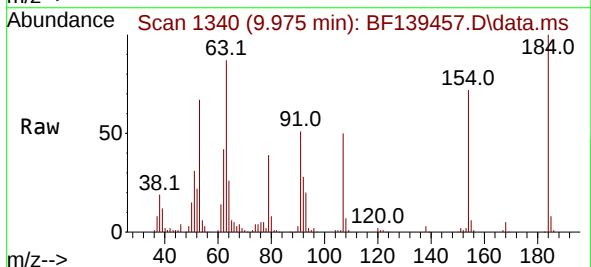
Delta R.T. 0.006 min

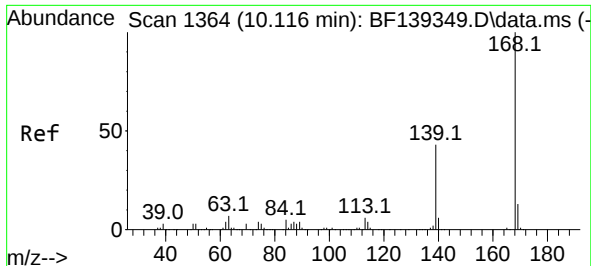
Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Tgt Ion:184 Resp: 115246

Ion	Ratio	Lower	Upper
184	100		
63	86.6	69.3	103.9
154	72.2	67.5	101.3





#55
Dibenzofuran
Concen: 43.942 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

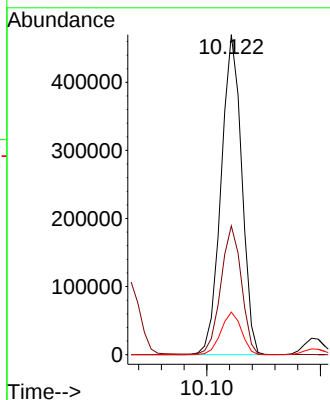
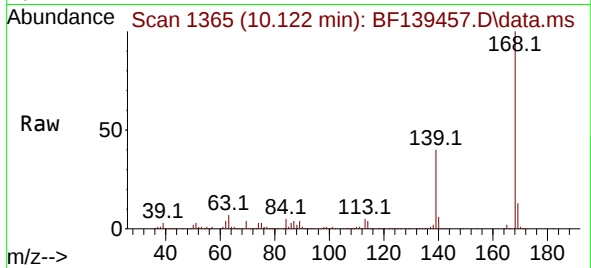
ClientSampleId :

PB163486BS

Tgt Ion:168 Resp: 592920
Ion Ratio Lower Upper
168 100
139 40.2 34.1 51.1
169 13.3 10.5 15.7

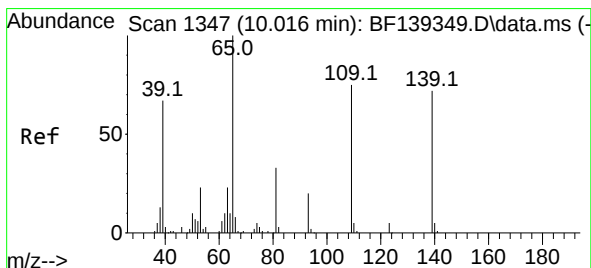
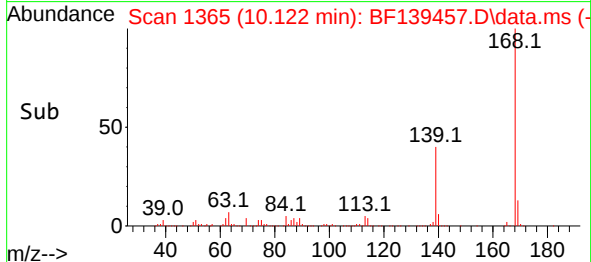
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



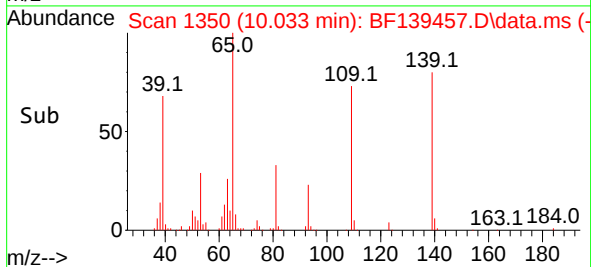
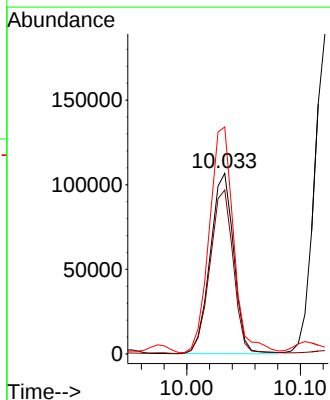
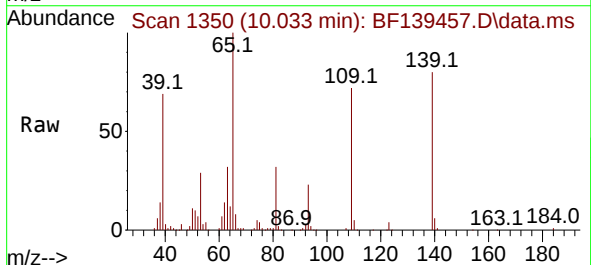
09/21/2024
Supervised By :mohammad
ahmed

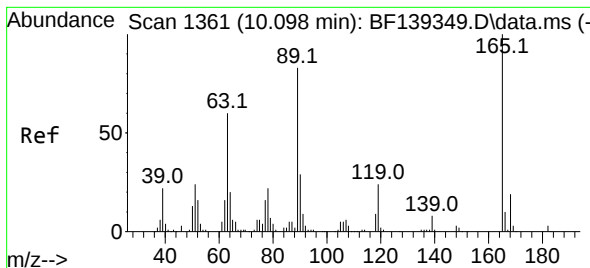
09/22/2024



#56
4-Nitrophenol
Concen: 79.761 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:139 Resp: 153631
Ion Ratio Lower Upper
139 100
109 90.7 84.1 124.1
65 125.6 120.0 160.0





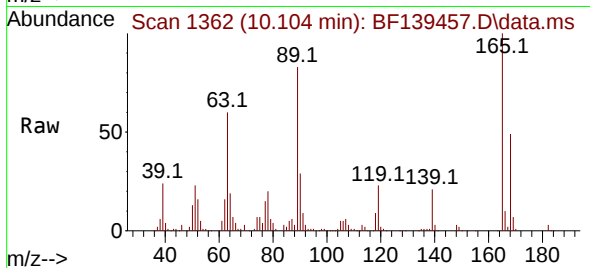
#57
2,4-Dinitrotoluene
Concen: 44.174 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNF

ClientSampleId :

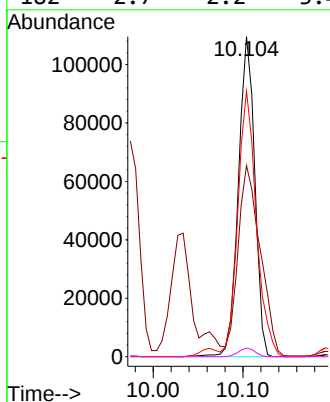
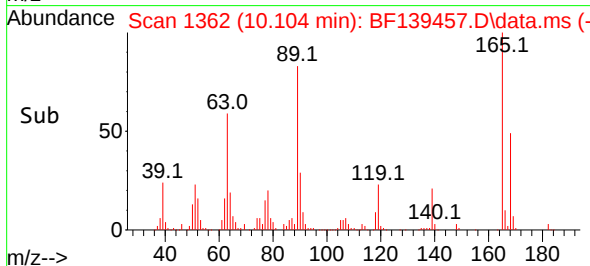
PB163486BS



Tgt Ion:165 Resp: 138910
Ion Ratio Lower Upper
165 100
63 59.7 47.8 71.6
89 83.0 66.7 100.1
182 2.7 2.2 3.4

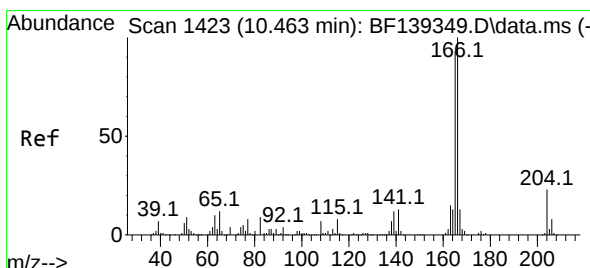
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

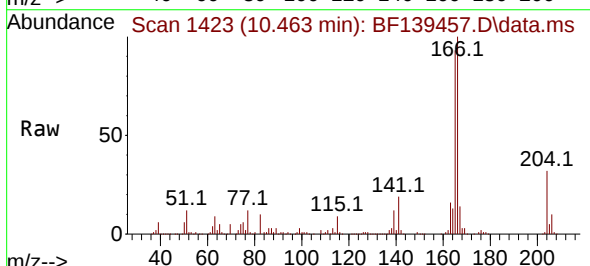


09/21/2024
Supervised By :mohammad
ahmed

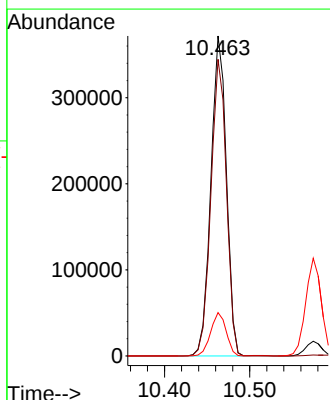
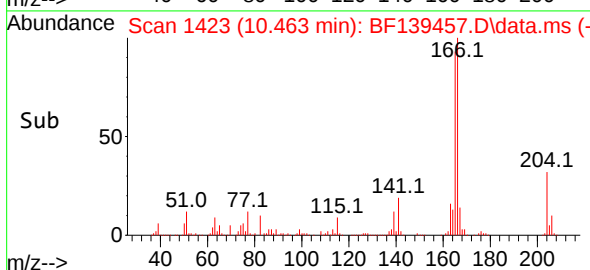
09/22/2024



#58
Fluorene
Concen: 42.727 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



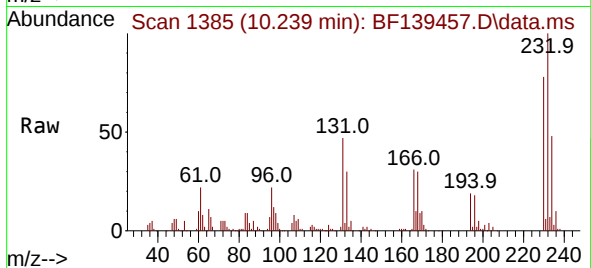
Tgt Ion:166 Resp: 470401
Ion Ratio Lower Upper
166 100
165 92.7 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.016 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

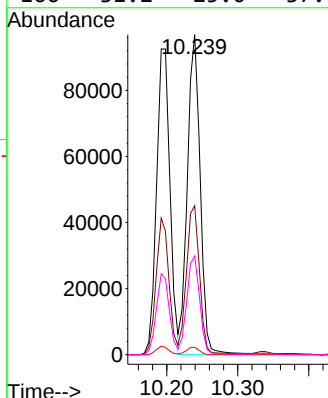
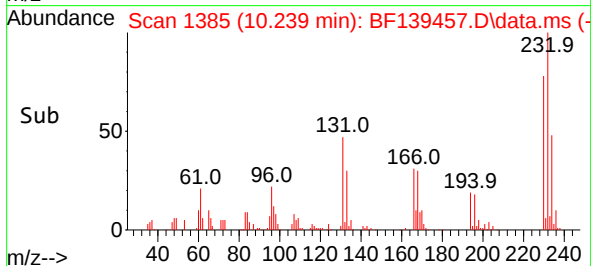
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion:232 Resp: 121328
Ion Ratio Lower Upper
232 100
131 47.9 40.7 61.1
130 2.3 2.2 3.2
166 31.2 25.0 37.6

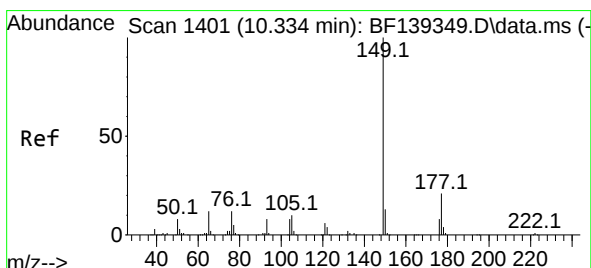
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



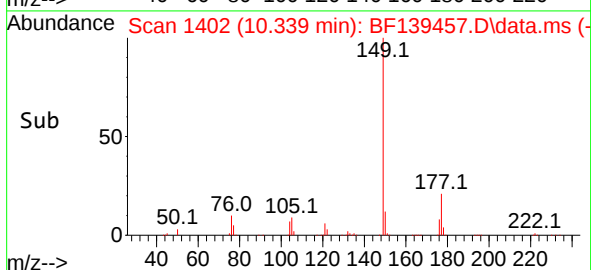
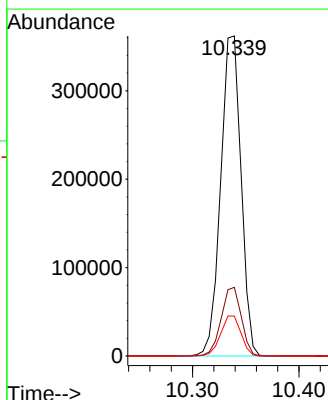
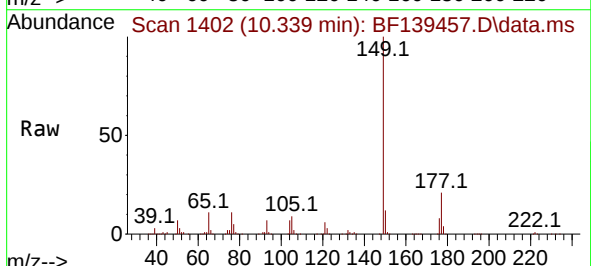
09/21/2024
Supervised By :mohammad
ahmed

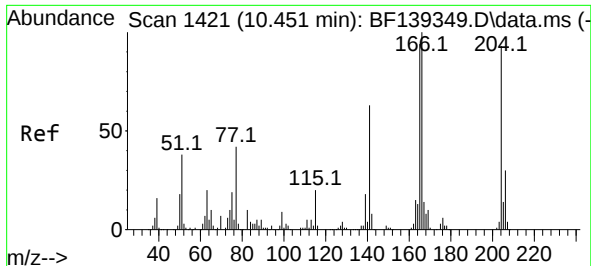
09/22/2024



#60
Diethylphthalate
Concen: 44.251 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

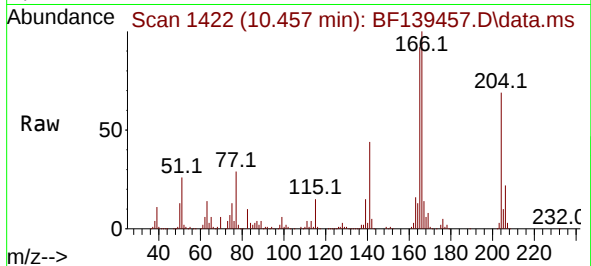
Tgt Ion:149 Resp: 480139
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.5 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 42.475 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

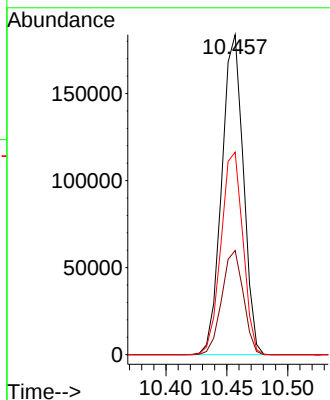
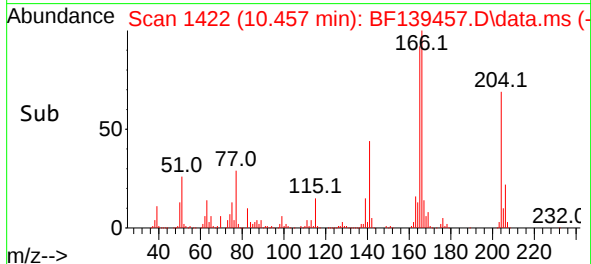
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion:204 Resp: 22726
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 63.3 53.9 80.9

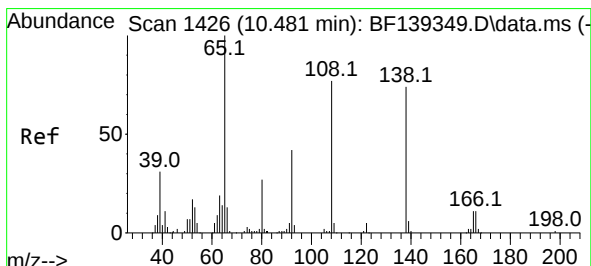
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

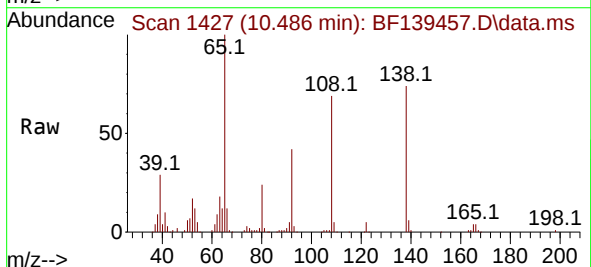


09/21/2024
Supervised By :mohammad
ahmed

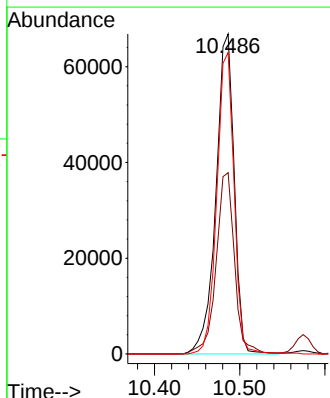
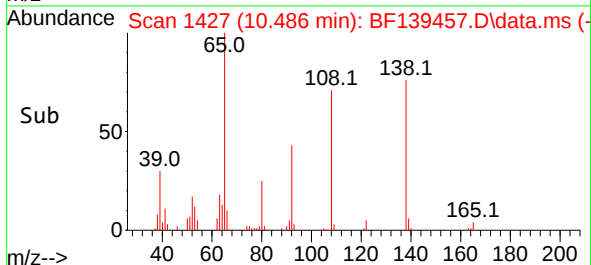
09/22/2024

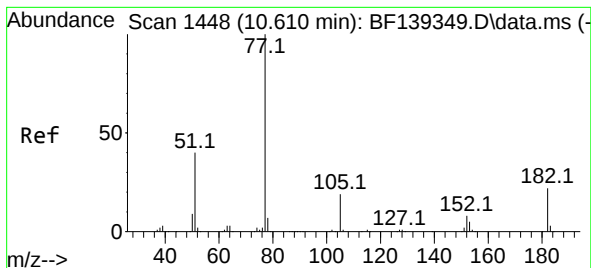


#62
4-Nitroaniline
Concen: 39.149 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



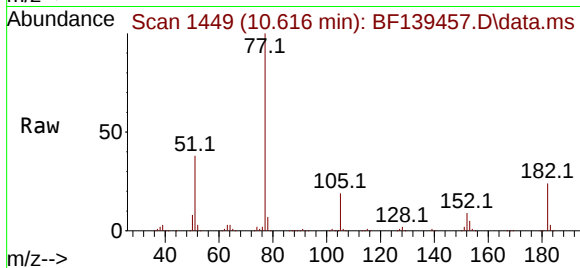
Tgt Ion:138 Resp: 99458
Ion Ratio Lower Upper
138 100
92 56.7 37.0 77.0
108 94.2 84.4 124.4





#63
Azobenzene
Concen: 44.326 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

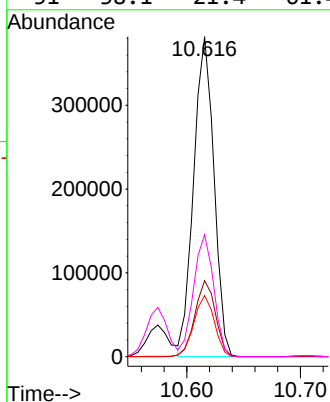
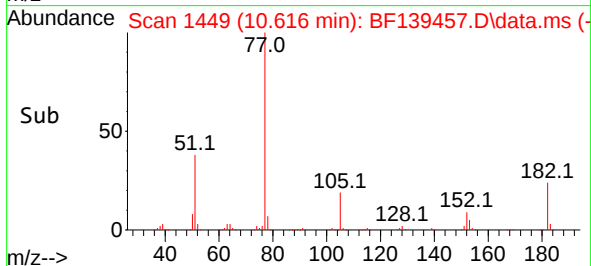
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion: 77 Resp: 47304
Ion Ratio Lower Upper
77 100
182 23.7 1.8 41.8
105 19.1 0.0 38.6
51 38.1 21.4 61.4

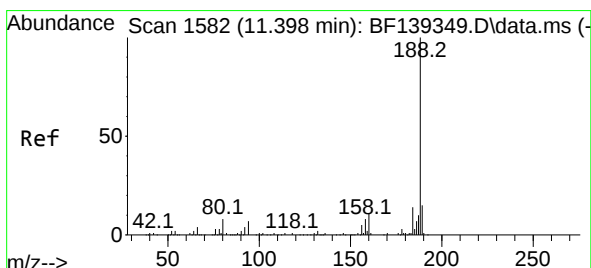
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

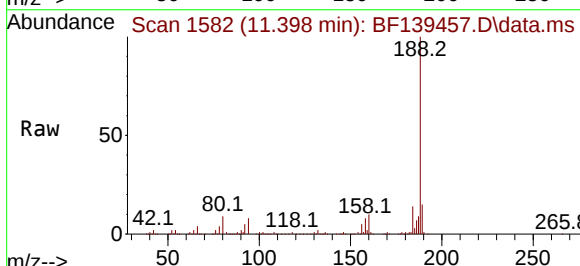


09/21/2024
Supervised By :mohammad
ahmed

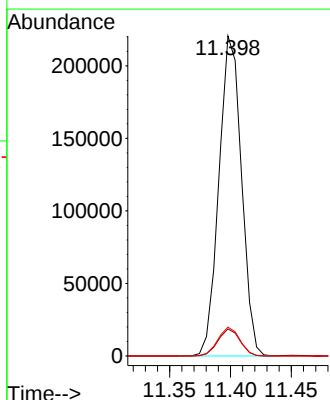
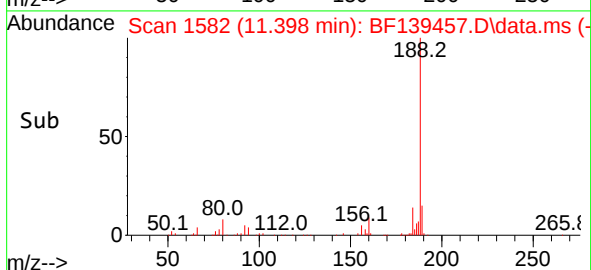
09/22/2024

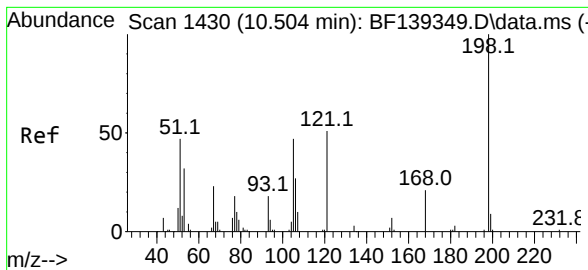


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:188 Resp: 284319
Ion Ratio Lower Upper
188 100
94 8.4 5.5 8.3#
80 9.0 6.6 9.8





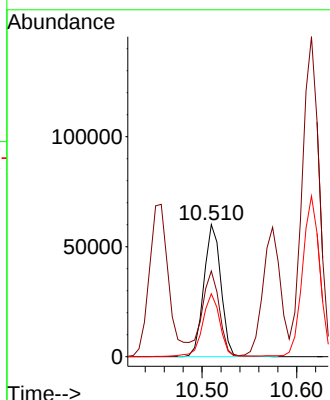
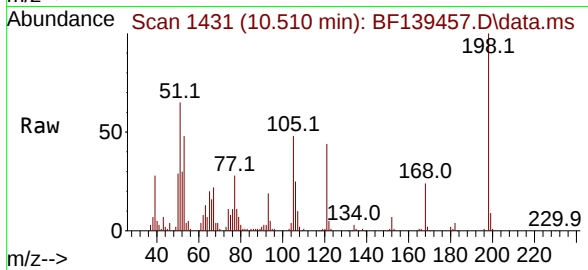
#65
4,6-Dinitro-2-methylphenol
Concen: 49.819 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion:198 Resp: 74758
Ion Ratio Lower Upper
198 100
51 64.8 50.4 90.4
105 47.5 28.3 68.3

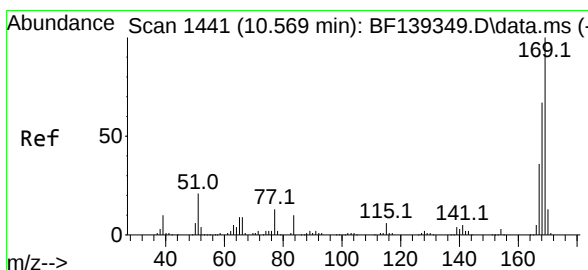
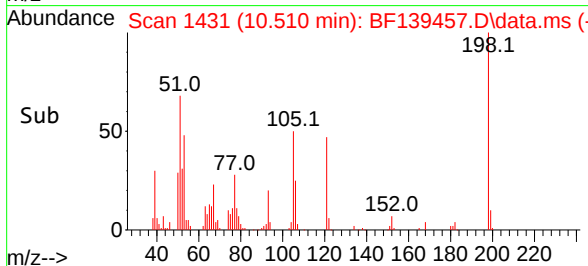
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



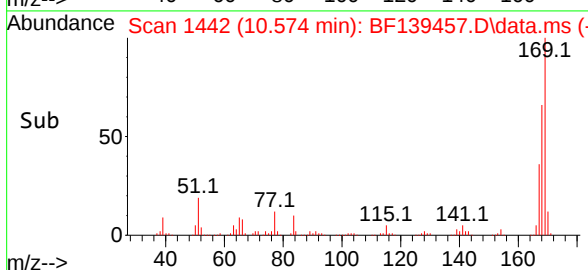
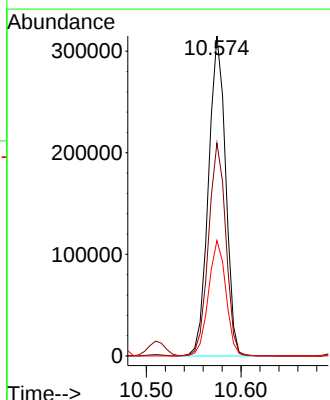
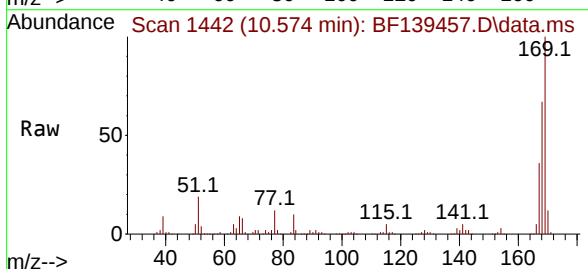
09/21/2024
Supervised By :mohammad
ahmed

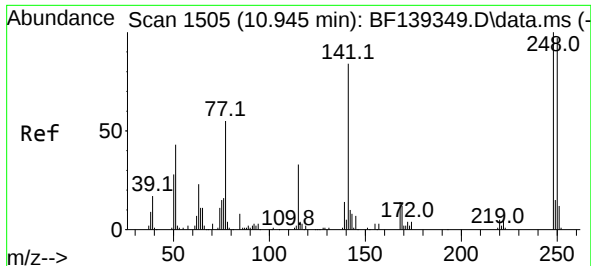
09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 47.486 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:169 Resp: 394728
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.1 28.7 43.1





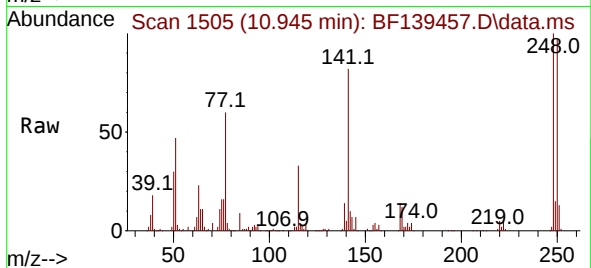
#67
4-Bromophenyl-phenylether
Concen: 46.480 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

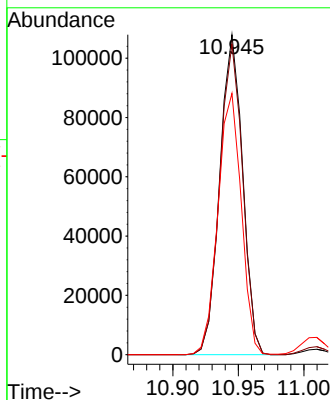
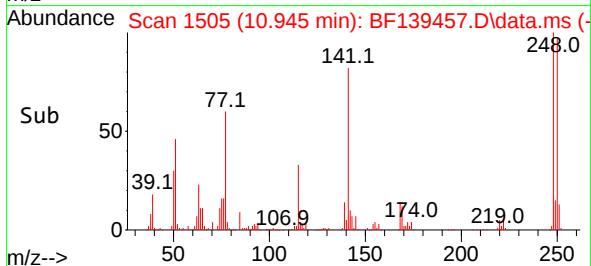
PB163486BS



Tgt Ion:248 Resp: 130958
Ion Ratio Lower Upper
248 100
250 97.0 77.6 116.4
141 81.7 66.9 100.3

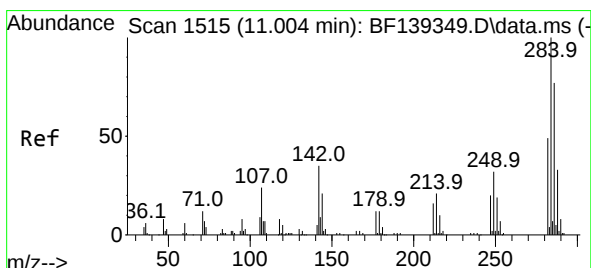
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

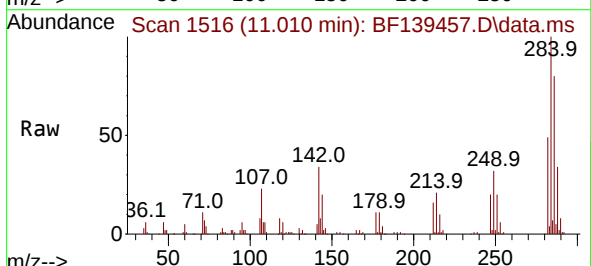


09/21/2024
Supervised By :mohammad
ahmed

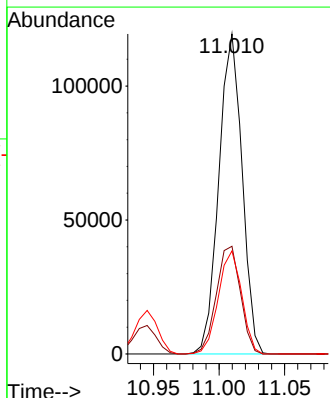
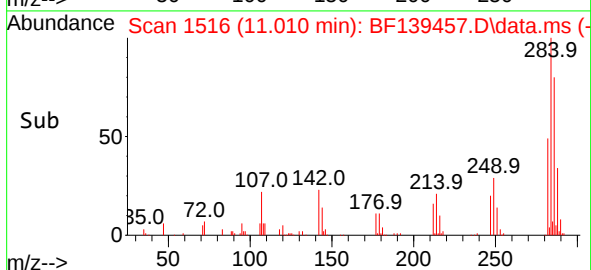
09/22/2024

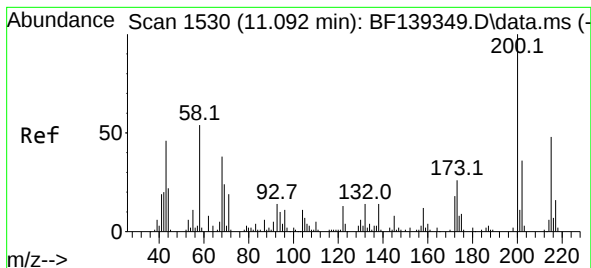


#68
Hexachlorobenzene
Concen: 44.490 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:284 Resp: 147118
Ion Ratio Lower Upper
284 100
142 33.7 28.0 42.0
249 32.2 25.3 37.9





#69

Atrazine

Concen: 64.508 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

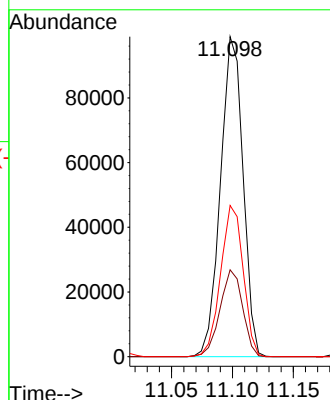
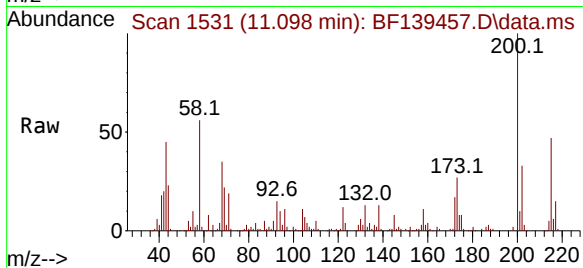
ClientSampleId :

PB163486BS

Tgt Ion:200 Resp: 12765
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.1 46.1
 215 47.3 28.2 68.2

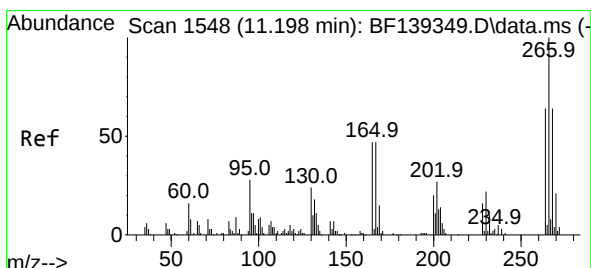
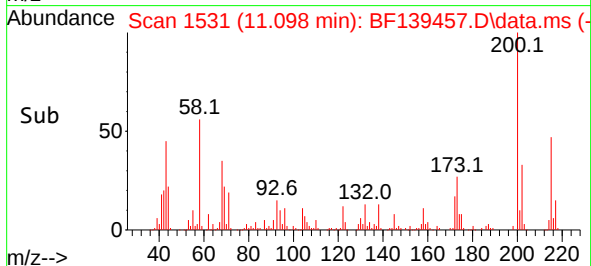
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/21/2024
 Supervised By :mohammad
 ahmed

09/22/2024



#70

Pentachlorophenol

Concen: 84.299 ng

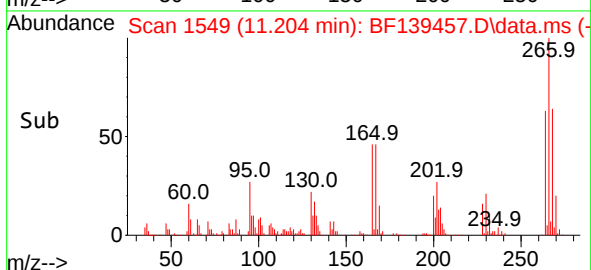
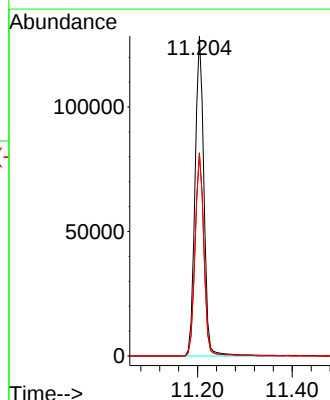
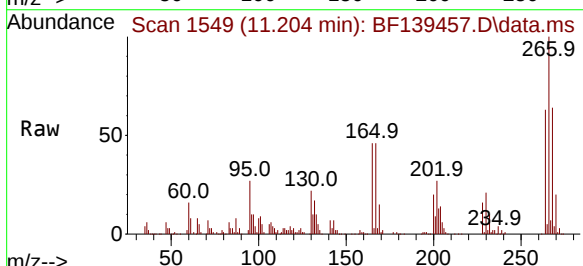
RT: 11.204 min Scan# 1549

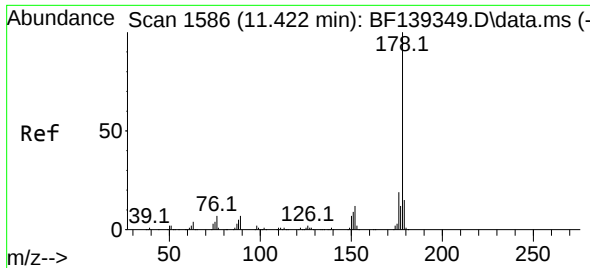
Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Tgt Ion:266 Resp: 167263
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.2 51.4 77.0





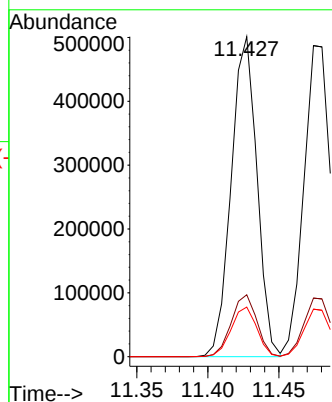
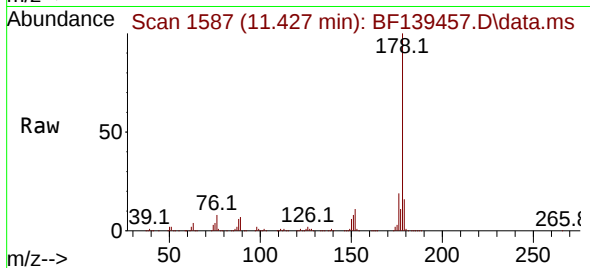
#71
Phenanthrene
Concen: 46.144 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion:178 Resp: 632968
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.5 12.2 18.4

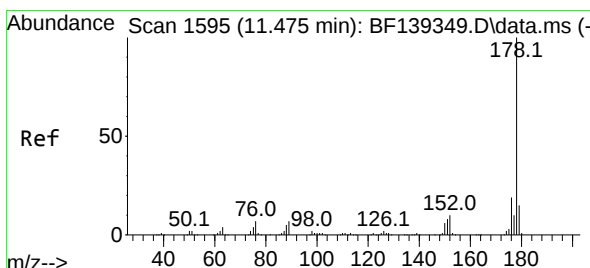
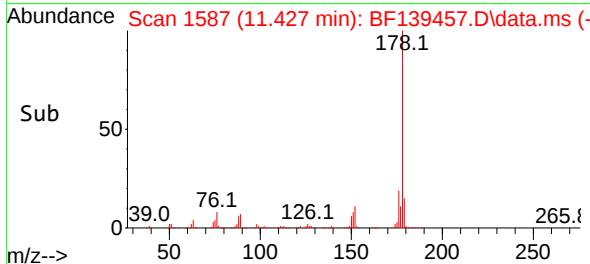
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



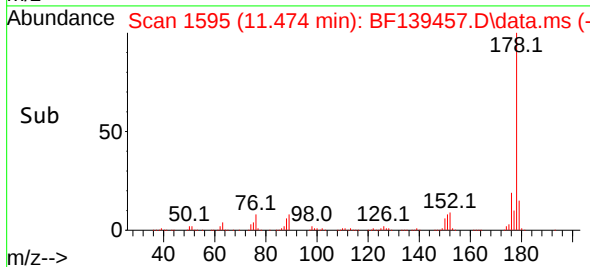
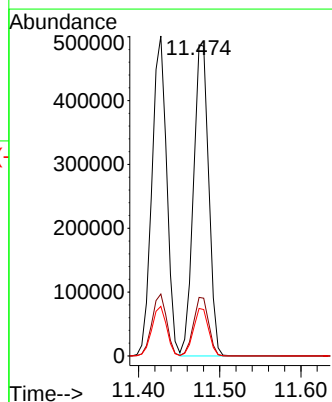
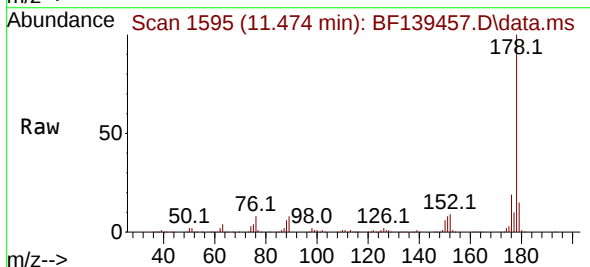
09/21/2024
Supervised By :mohammad
ahmed

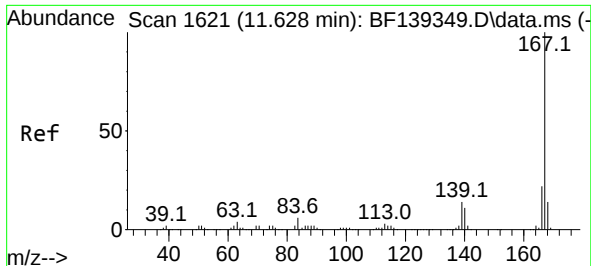
09/22/2024



#72
Anthracene
Concen: 47.576 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:178 Resp: 638066
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.0 18.0





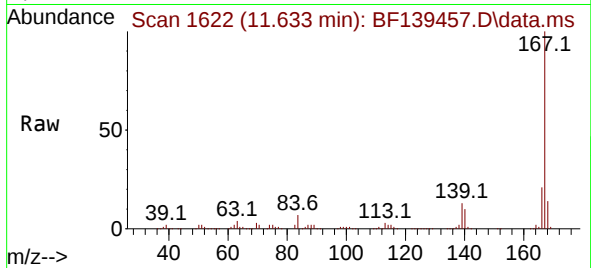
#73
Carbazole
Concen: 44.066 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

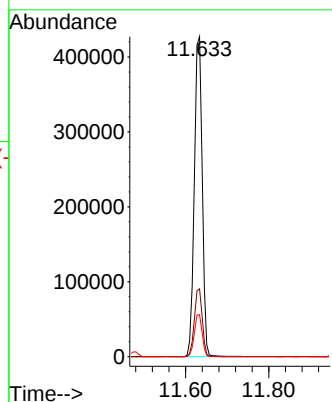
PB163486BS



Tgt Ion:167 Resp: 56563
Ion Ratio Lower Upper
167 100
166 21.2 17.5 26.3
139 13.1 10.9 16.3

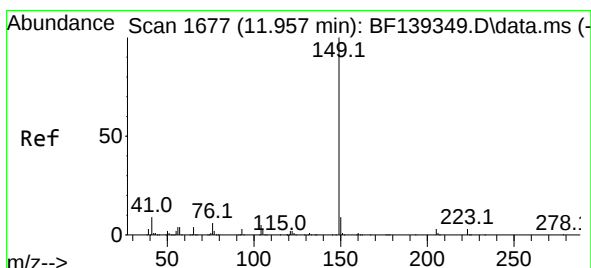
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



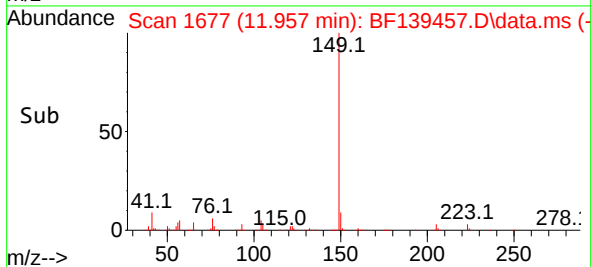
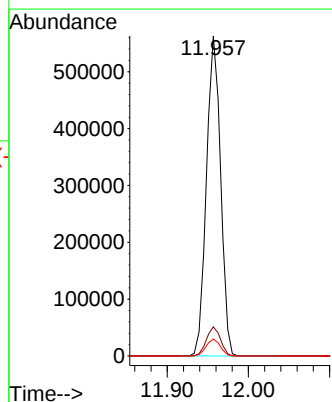
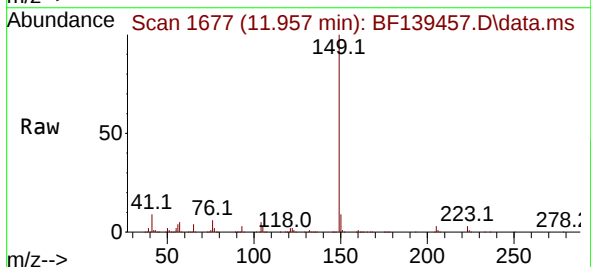
09/21/2024
Supervised By :mohammad
ahmed

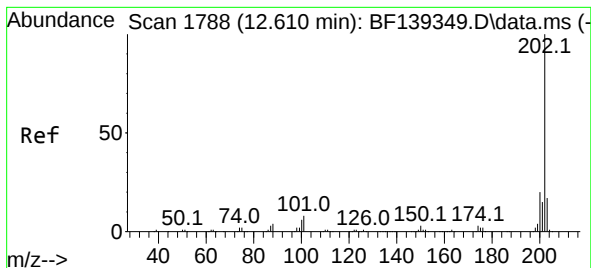
09/22/2024



#74
Di-n-butylphthalate
Concen: 47.486 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:149 Resp: 679016
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 42.891 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion:202 Resp: 628290

Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.7

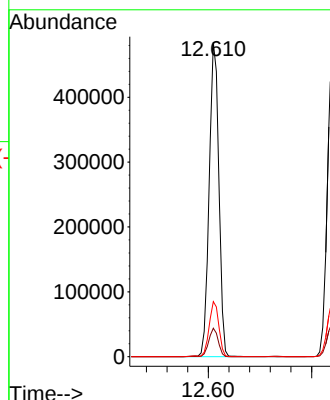
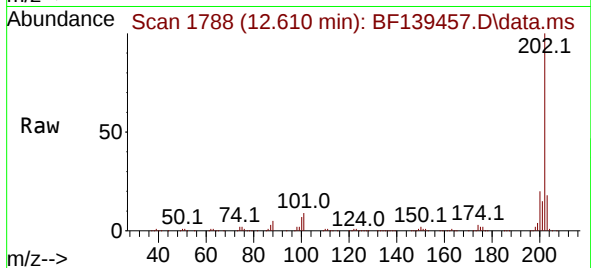
203 17.5 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

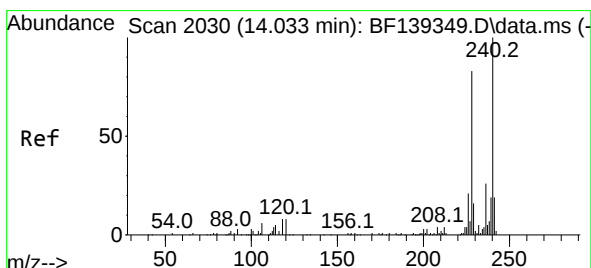
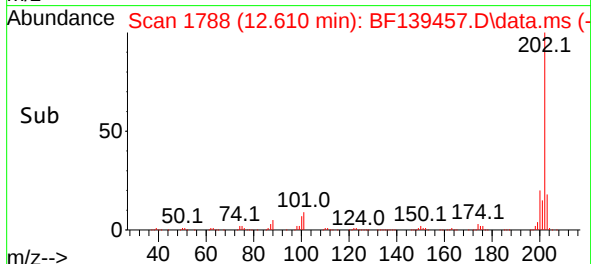
Patel



09/21/2024

Supervised By :mohammad
ahmed

09/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

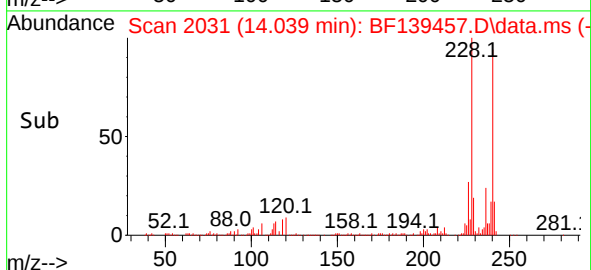
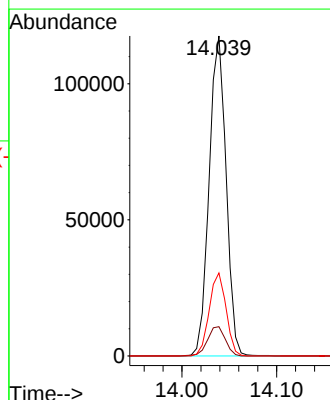
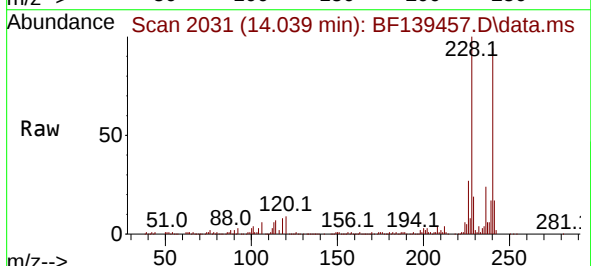
Tgt Ion:240 Resp: 146056

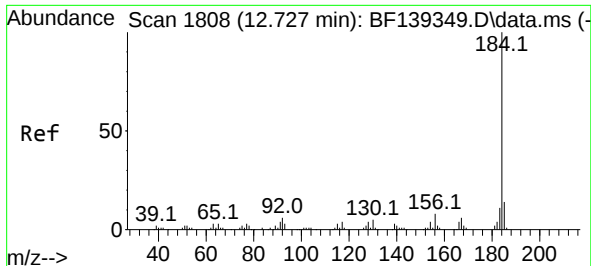
Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2

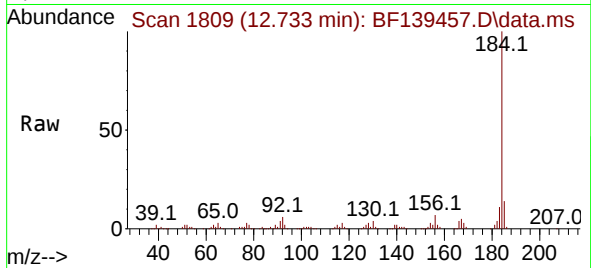
236 25.9 20.9 31.3





#77
Benzidine
Concen: 70.955 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

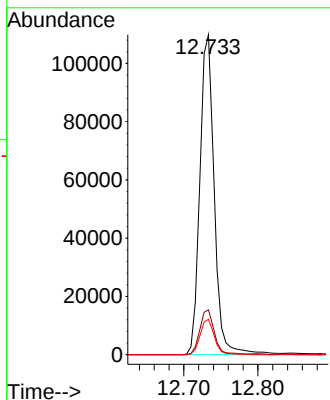
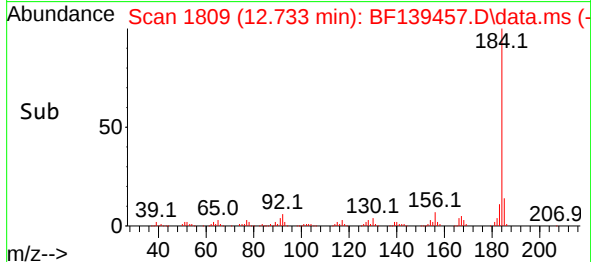
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion:184 Resp: 148478
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.1 8.9 13.3

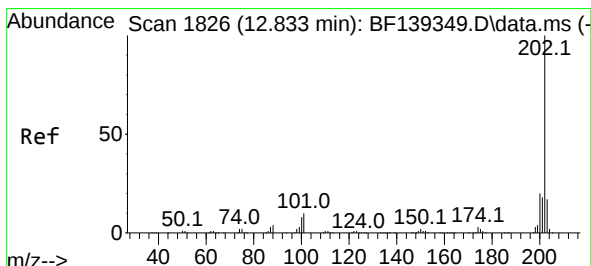
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



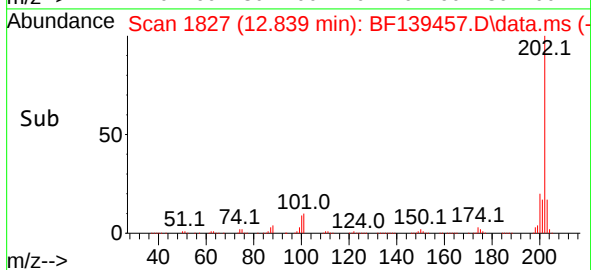
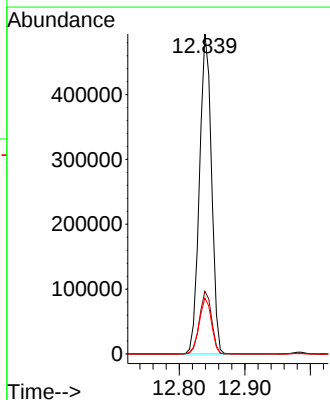
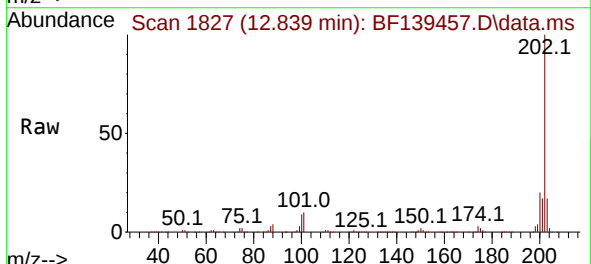
09/21/2024
Supervised By :mohammad
ahmed

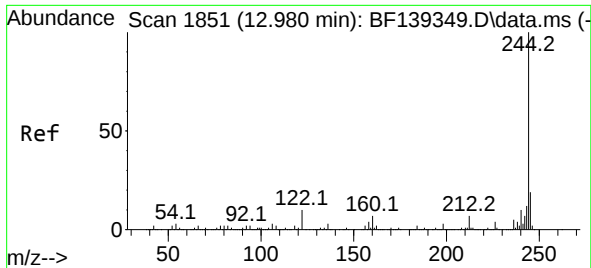
09/22/2024



#78
Pyrene
Concen: 50.367 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:202 Resp: 631648
Ion Ratio Lower Upper
202 100
200 19.6 16.2 24.2
203 17.4 13.9 20.9





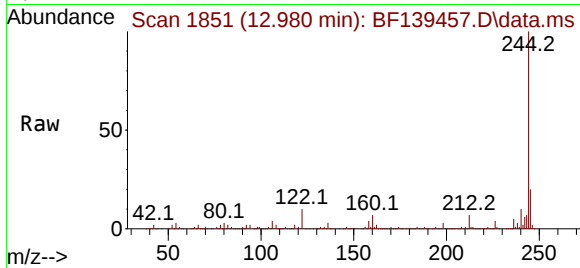
#79
Terphenyl-d14
Concen: 101.493 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

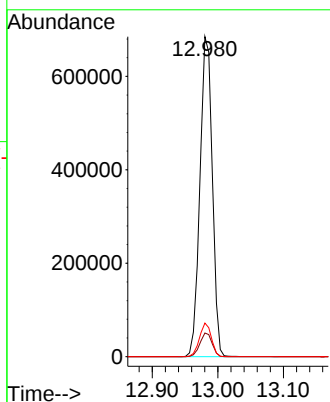
PB163486BS



Tgt Ion:244 Resp: 90311
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.5 7.6 11.4

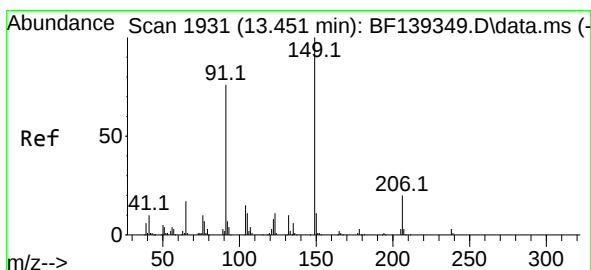
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

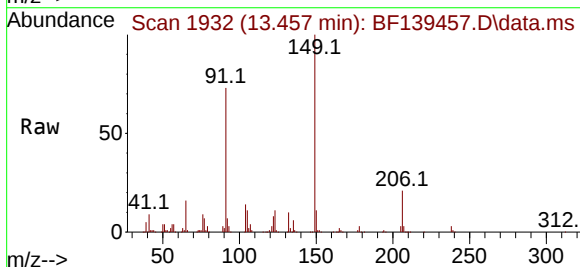


09/21/2024
Supervised By :mohammad
ahmed

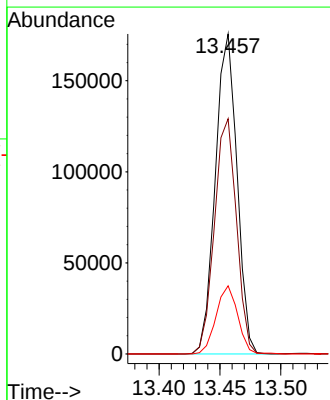
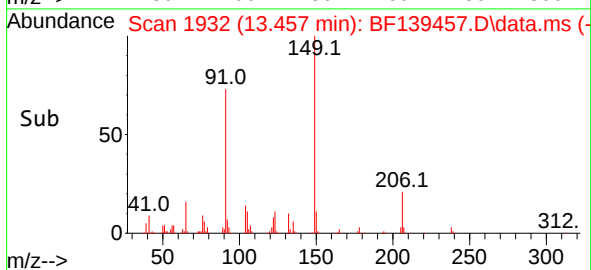
09/22/2024

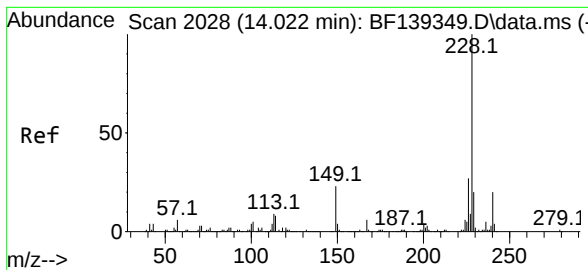


#80
Butylbenzylphthalate
Concen: 51.038 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:149 Resp: 217862
Ion Ratio Lower Upper
149 100
91 73.5 60.9 91.3
206 21.3 15.8 23.8





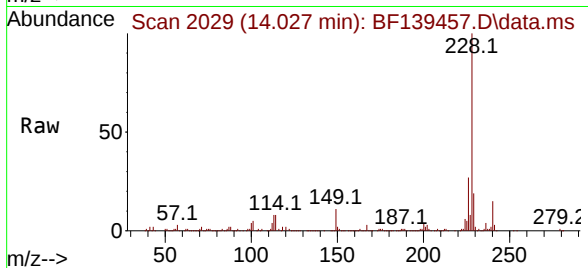
#81
Benzo(a)anthracene
Concen: 47.347 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

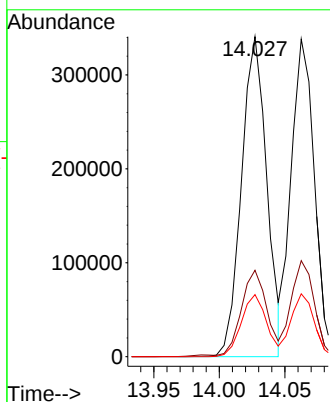
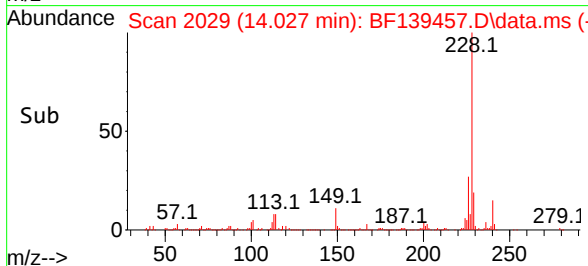
PB163486BS



Tgt Ion:228 Resp: 45806
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.4 15.7 23.5

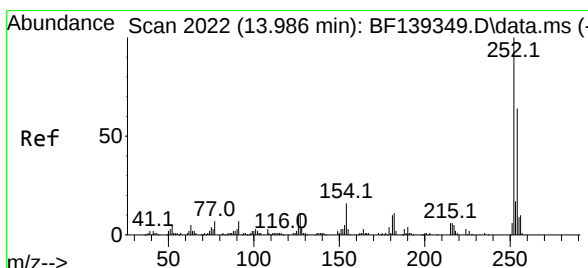
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



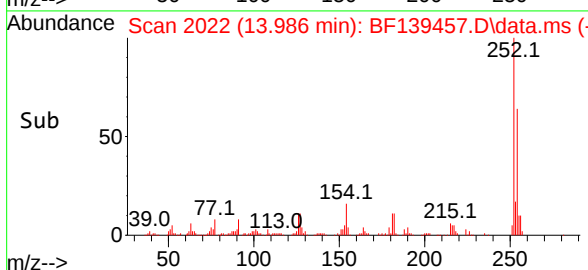
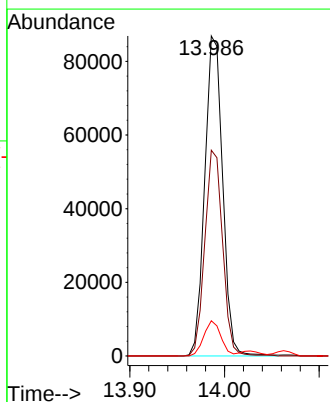
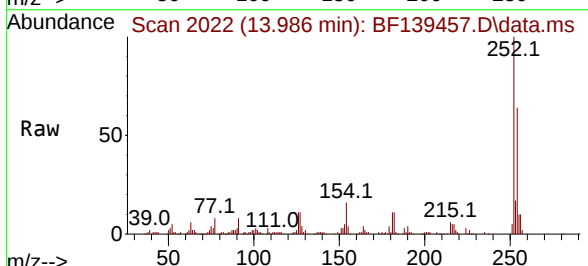
09/21/2024
Supervised By :mohammad
ahmed

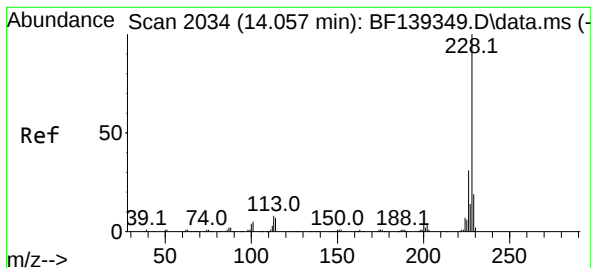
09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.245 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:252 Resp: 114025
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 11.0 7.7 11.5





#83

Chrysene

Concen: 46.883 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

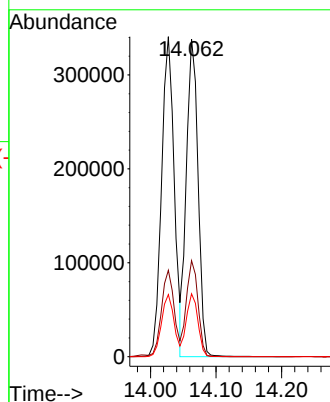
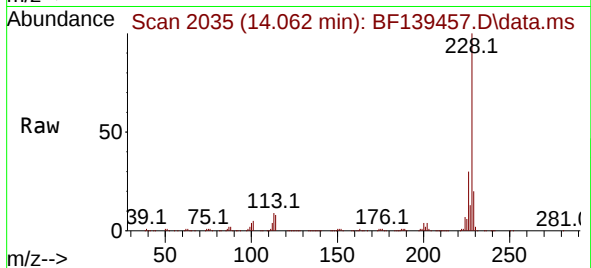
ClientSampleId :

PB163486BS

Tgt Ion:228 Resp: 417292
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.8 15.4 23.0

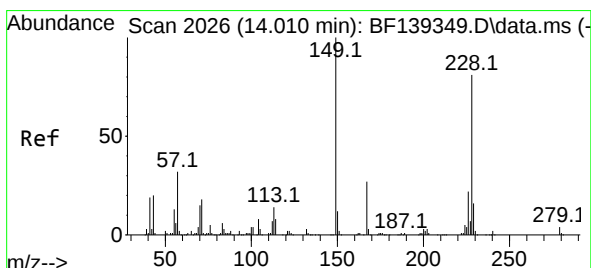
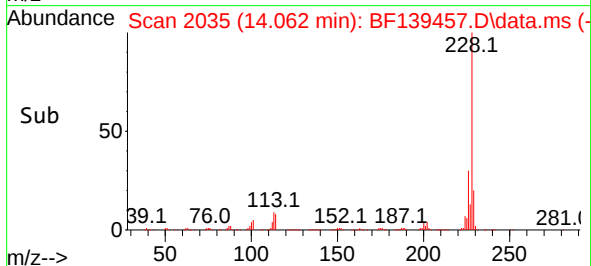
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/21/2024
 Supervised By :mohammad
 ahmed

09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.380 ng

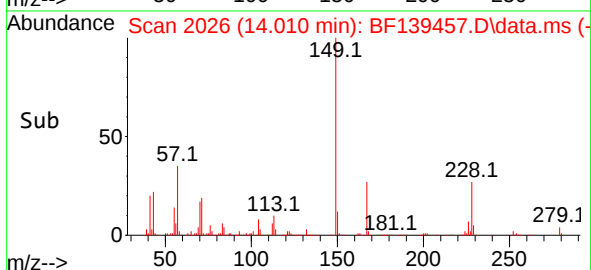
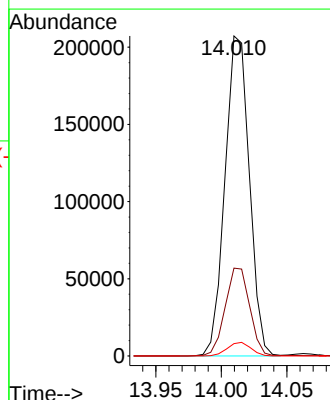
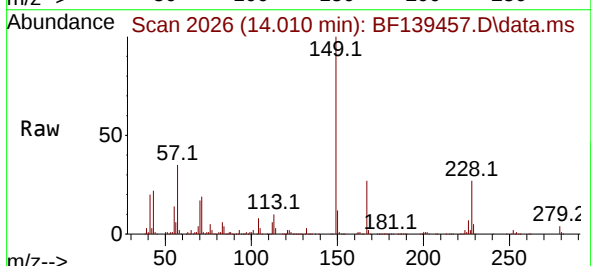
RT: 14.010 min Scan# 2026

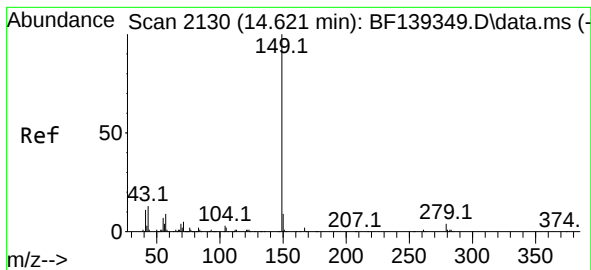
Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

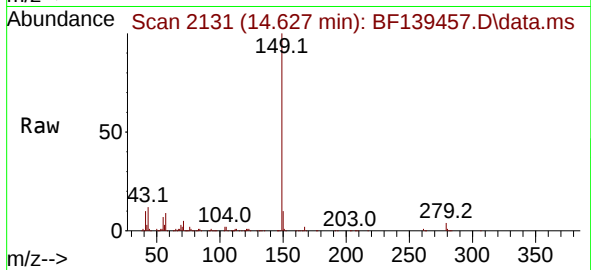
Tgt Ion:149 Resp: 268150
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.6 32.4
 279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 51.213 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

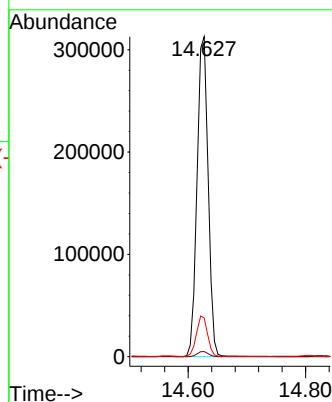
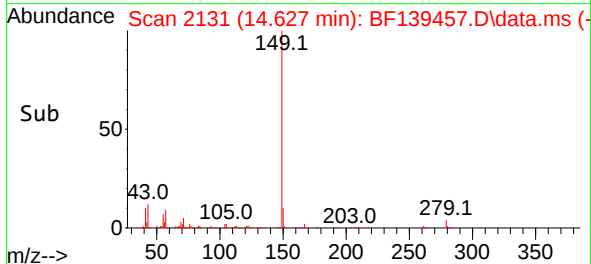
Instrument :
BNA_F
ClientSampleId :
PB163486BS



Tgt Ion:149 Resp: 40956
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.5 10.6 16.0

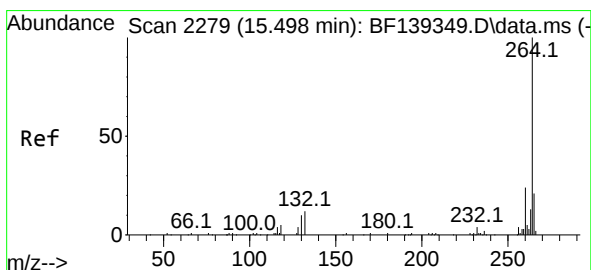
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

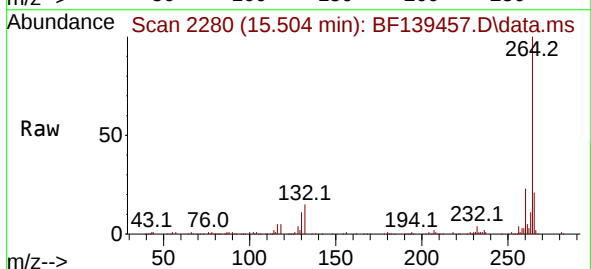


09/21/2024
Supervised By :mohammad
ahmed

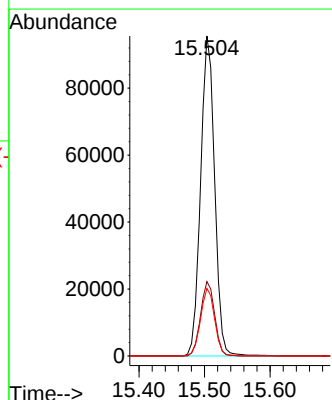
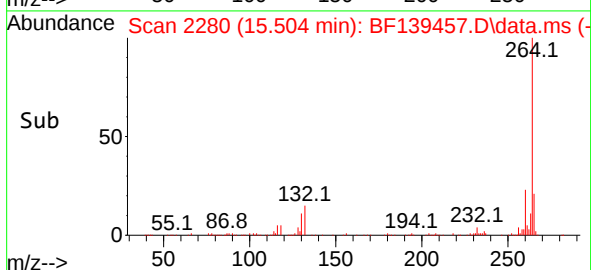
09/22/2024

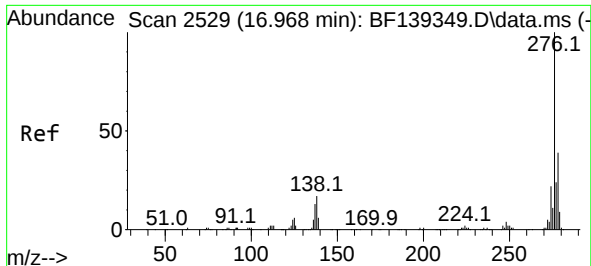


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:264 Resp: 142593
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.1 16.6 25.0





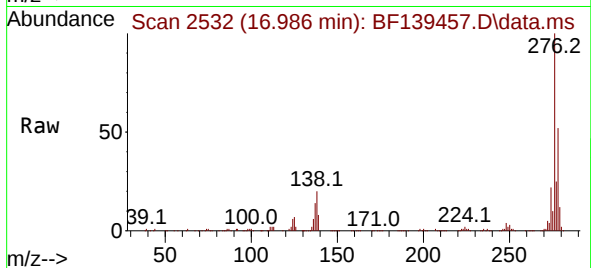
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.228 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

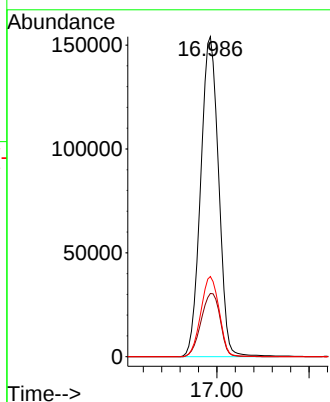
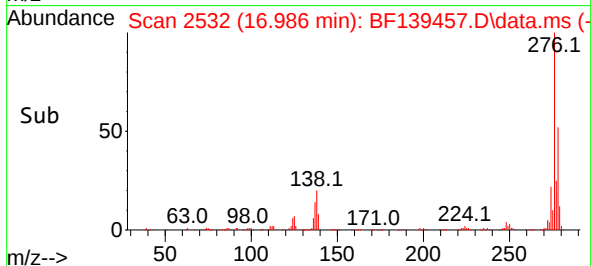
PB163486BS



Tgt Ion:276 Resp: 41740
Ion Ratio Lower Upper
276 100
138 21.2 15.4 23.2
277 25.6 20.4 30.6

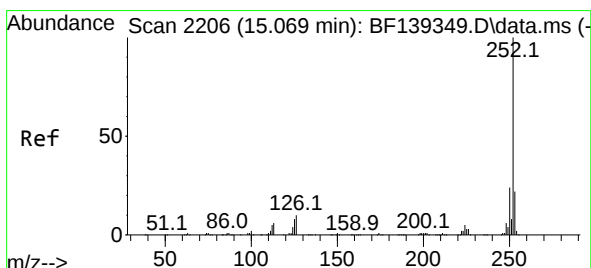
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

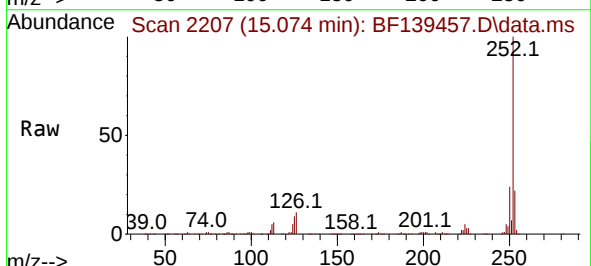


09/21/2024
Supervised By :mohammad
ahmed

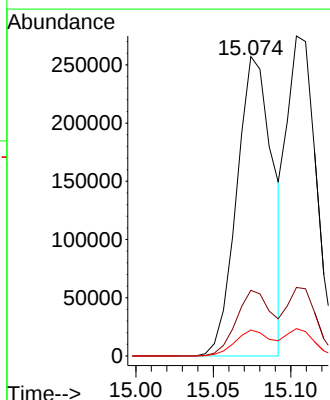
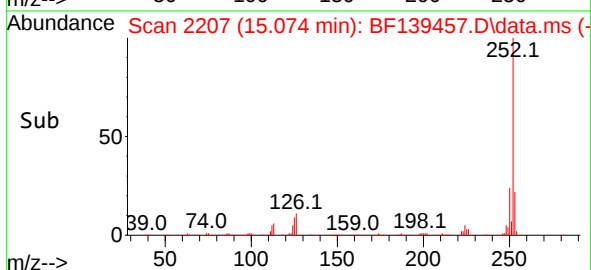
09/22/2024

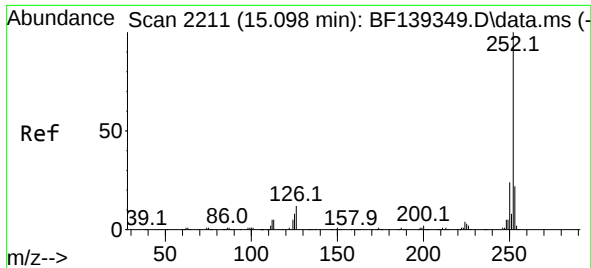


#88
Benzo(b)fluoranthene
Concen: 47.296 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:252 Resp: 415935
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.6 6.2 9.2





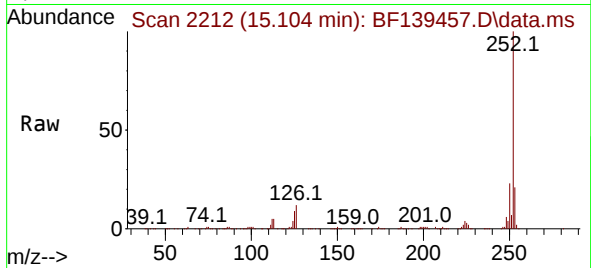
#89
Benzo(k)fluoranthene
Concen: 44.594 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :

BNF

ClientSampleId :

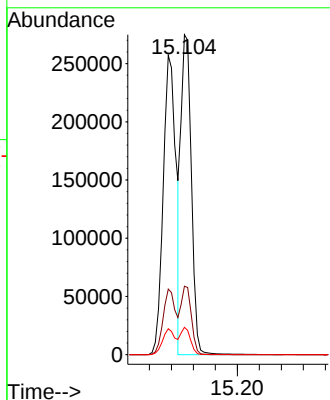
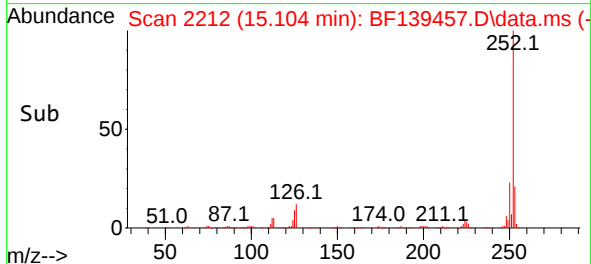
PB163486BS



Tgt Ion:252 Resp: 361589
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 8.5 5.9 8.9

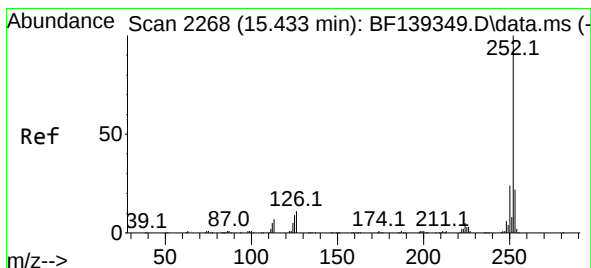
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

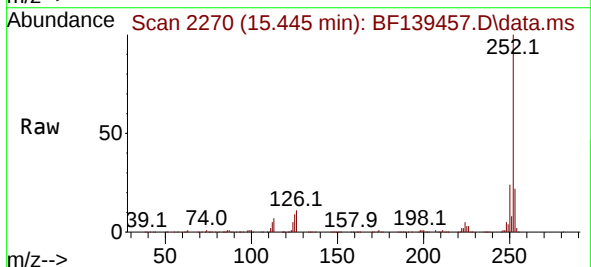


09/21/2024
Supervised By :mohammad
ahmed

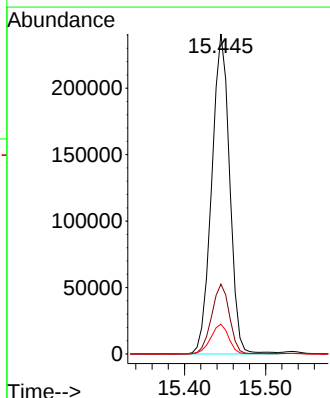
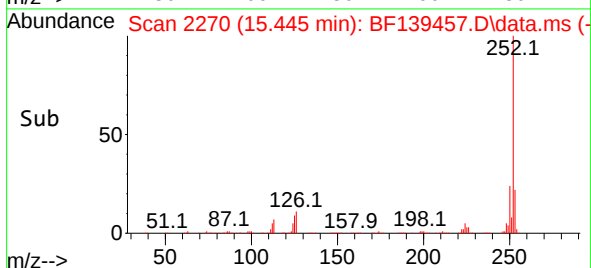
09/22/2024

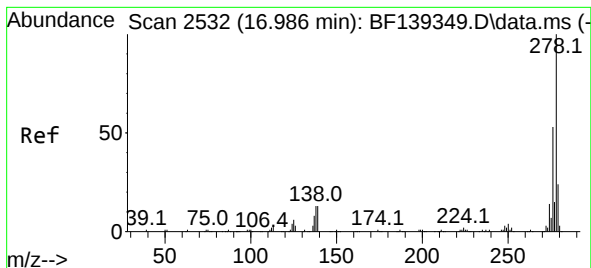


#90
Benzo(a)pyrene
Concen: 50.653 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32



Tgt Ion:252 Resp: 369436
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.3 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 48.940 ng

RT: 17.003 min Scan# 2535

Delta R.T. 0.017 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion:278 Resp: 342890

Ion Ratio Lower Upper

278 100

139 12.9 10.2 15.2

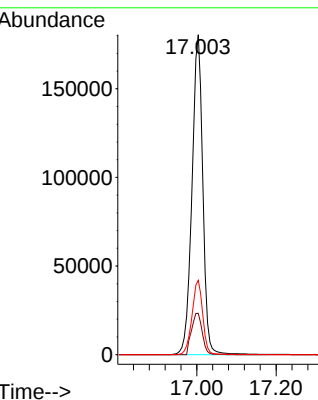
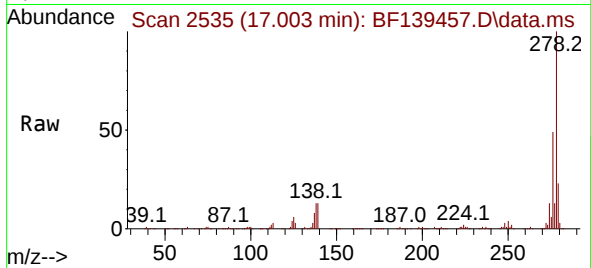
279 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh

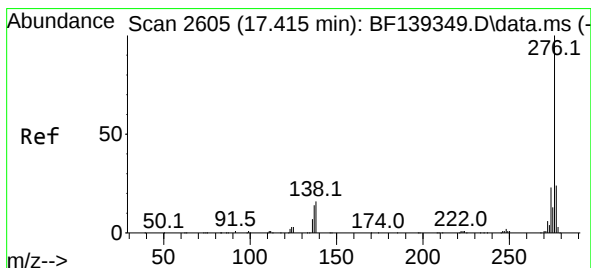
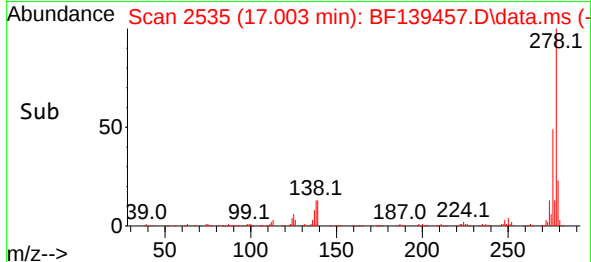
Patel



09/21/2024

Supervised By :mohammad
ahmed

09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 45.275 ng

RT: 17.433 min Scan# 2608

Delta R.T. 0.017 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Tgt Ion:276 Resp: 314087

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 18.0 13.0 19.6

