

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136379.D
 Acq On : 04 Dec 2023 13:42
 Operator : CG\JU
 Sample : 05388-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 04 14:03:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	135797	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	567359	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	300311	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	585491	20.000	ng	0.00
76) Chrysene-d12	13.980	240	310736	20.000	ng	0.00
86) Perylene-d12	15.462	264	295014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	898677	92.110	ng	0.00
7) Phenol-d6	6.445	99	1122848	92.042	ng	0.00
23) Nitrobenzene-d5	7.363	82	713097	66.417	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	396226	107.918	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1461007	62.141	ng	0.00
79) Terphenyl-d14	12.927	244	1696431	62.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	136331	36.930	ng	97
3) Pyridine	3.410	79	320895	35.213	ng	92
4) n-Nitrosodimethylamine	3.375	42	166910	36.234	ng	92
6) Aniline	6.469	93	357976	31.046	ng	96
8) 2-Chlorophenol	6.587	128	438951	41.320	ng	96
9) Benzaldehyde	6.351	77	44473	6.541	ng	97
10) Phenol	6.457	94	521269	39.829	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	397437	41.394	ng	95
12) 1,3-Dichlorobenzene	6.745	146	465860	38.642	ng	98
13) 1,4-Dichlorobenzene	6.822	146	477236	38.940	ng	97
14) 1,2-Dichlorobenzene	6.969	146	445910	38.432	ng	96
15) Benzyl Alcohol	6.945	79	358570	41.922	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	530236	39.759	ng	96
17) 2-Methylphenol	7.057	107	336572	40.299	ng	96
18) Hexachloroethane	7.310	117	166484	38.727	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	290586	39.827	ng	95
20) 3+4-Methylphenols	7.210	107	424426	39.102	ng	96
22) Acetophenone	7.210	105	609408	40.898	ng	# 95
24) Nitrobenzene	7.381	77	433854	39.875	ng	97
25) Isophorone	7.622	82	820716	42.393	ng	96
26) 2-Nitrophenol	7.698	139	227628	49.102	ng	95
27) 2,4-Dimethylphenol	7.739	122	302977	49.654	ng	91
28) bis(2-Chloroethoxy)met...	7.834	93	507105	43.304	ng	98
29) 2,4-Dichlorophenol	7.939	162	368700	44.798	ng	95
30) 1,2,4-Trichlorobenzene	8.022	180	412047	40.892	ng	99
31) Naphthalene	8.104	128	1314660	41.225	ng	98
32) Benzoic acid	7.875	122	278042	49.999	ng	96
33) 4-Chloroaniline	8.151	127	279094	25.747	ng	97
34) Hexachlorobutadiene	8.216	225	231449	39.261	ng	98
35) Caprolactam	8.534	113	120818m	52.512	ng	
36) 4-Chloro-3-methylphenol	8.639	107	395235	44.278	ng	97
37) 2-Methylnaphthalene	8.792	142	838116	41.897	ng	96
38) 1-Methylnaphthalene	8.892	142	798166	40.901	ng	94
40) 1,2,4,5-Tetrachloroben...	8.957	216	406599	42.543	ng	98
41) Hexachlorocyclopentadiene	8.945	237	357473	97.204	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	274702	44.282	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136379.D
 Acq On : 04 Dec 2023 13:42
 Operator : CG\JU
 Sample : 05388-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

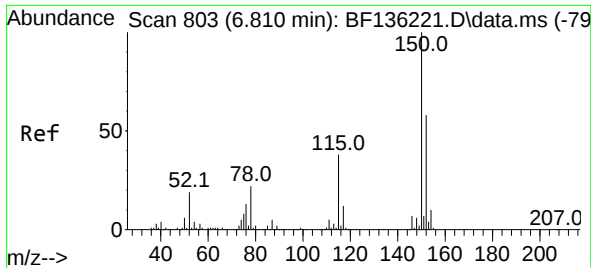
Quant Time: Dec 04 14:03:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	293544	43.361	ng	99
46) 1,1'-Biphenyl	9.263	154	1121736	42.357	ng	97
47) 2-Chloronaphthalene	9.286	162	837383	40.716	ng	97
48) 2-Nitroaniline	9.386	65	241585	44.992	ng	# 79
49) Acenaphthylene	9.704	152	1308745	44.592	ng	99
50) Dimethylphthalate	9.569	163	1004752	44.266	ng	99
51) 2,6-Dinitrotoluene	9.628	165	217649	46.937	ng	100
52) Acenaphthene	9.875	154	779016	42.002	ng	95
53) 3-Nitroaniline	9.798	138	173443	37.696	ng	96
54) 2,4-Dinitrophenol	9.910	184	249011	115.463	ng	# 86
55) Dibenzofuran	10.045	168	1167921	42.317	ng	98
56) 4-Nitrophenol	9.969	139	356461	102.007	ng	90
57) 2,4-Dinitrotoluene	10.033	165	293144	47.327	ng	91
58) Fluorene	10.392	166	922711	42.623	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	250961	46.592	ng	98
60) Diethylphthalate	10.269	149	998954	43.997	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	444474	42.278	ng	94
62) 4-Nitroaniline	10.422	138	214738	47.680	ng	93
63) Azobenzene	10.545	77	883881	41.991	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	157873	49.308	ng	87
66) n-Nitrosodiphenylamine	10.504	169	828356	44.149	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	291176	42.628	ng	97
68) Hexachlorobenzene	10.939	284	332654	42.078	ng	98
69) Atrazine	11.039	200	273176	49.080	ng	98
70) Pentachlorophenol	11.133	266	362791	81.185	ng	97
71) Phenanthrene	11.357	178	1441703	43.811	ng	98
72) Anthracene	11.410	178	1417863	42.965	ng	99
73) Carbazole	11.563	167	1224536	43.629	ng	99
74) Di-n-butylphthalate	11.898	149	1676140	47.729	ng	98
75) Fluoranthene	12.551	202	1425545	42.673	ng	97
77) Benzidine	12.669	184	120310	23.553	ng	97
78) Pyrene	12.780	202	1407085	41.347	ng	98
80) Butylbenzylphthalate	13.404	149	572444	54.049	ng	97
81) Benzo(a)anthracene	13.974	228	954303	41.347	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	269139	48.443	ng	96
83) Chrysene	14.010	228	935968	42.000	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	788493	62.033	ng	# 98
85) Di-n-octyl phthalate	14.586	149	1240531	58.791	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	967133	44.089	ng	99
88) Benzo(b)fluoranthene	15.027	252	823141	39.770	ng	98
89) Benzo(k)fluoranthene	15.057	252	796018	40.493	ng	97
90) Benzo(a)pyrene	15.398	252	713024	42.141	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	801171	45.421	ng	99
92) Benzo(g,h,i)perylene	17.433	276	774454	43.781	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

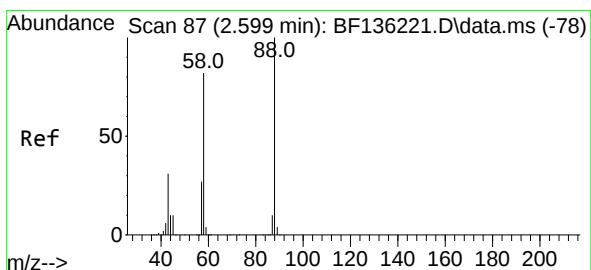
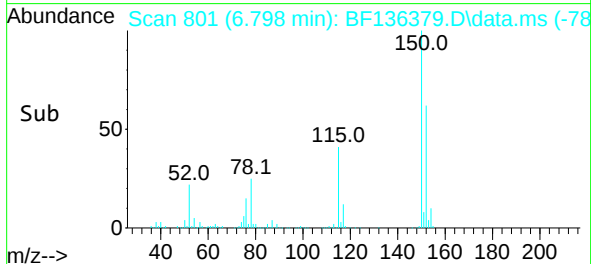
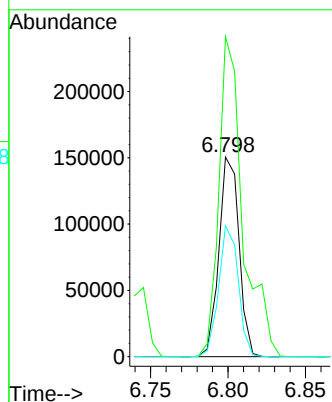
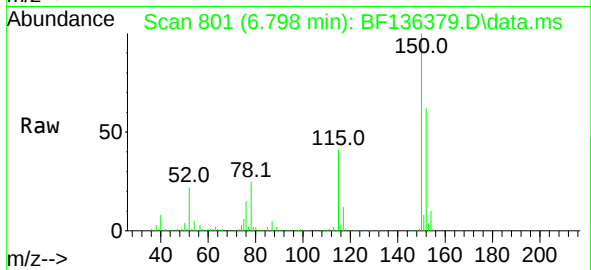
ClientSampleId :

TP-3MSD

Tgt Ion:152 Resp: 13579
Ion Ratio Lower Upper
152 100
150 160.3 137.8 206.8
115 65.6 52.7 79.1

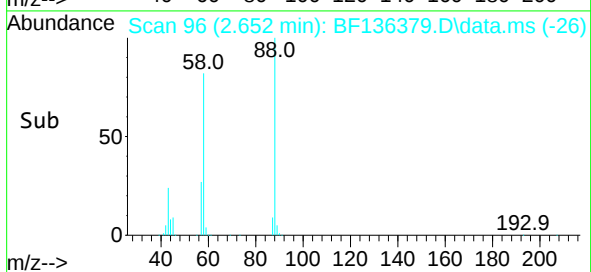
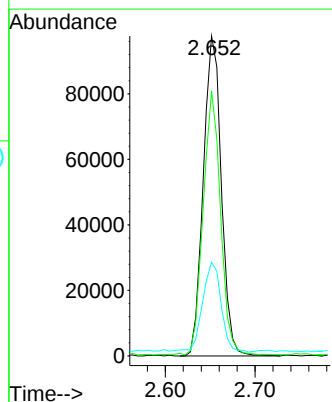
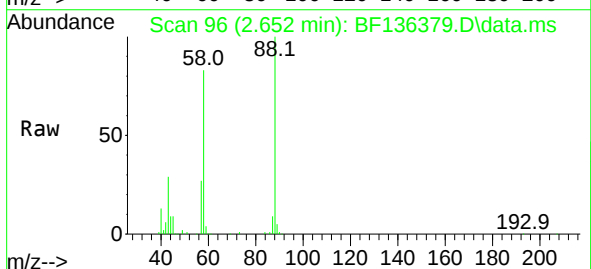
Manual Integrations
APPROVED

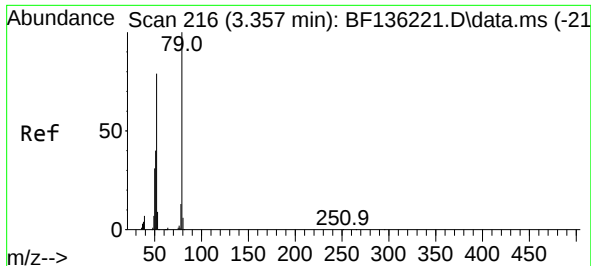
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#2
1,4-Dioxane
Concen: 36.930 ng
RT: 2.652 min Scan# 96
Delta R.T. 0.059 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

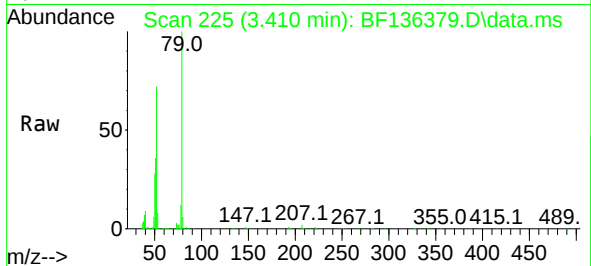
Tgt Ion: 88 Resp: 136331
Ion Ratio Lower Upper
88 100
58 79.7 65.9 98.9
43 28.8 24.8 37.2





#3
Pyridine
Concen: 35.213 ng
RT: 3.410 min Scan# 216
Delta R.T. 0.059 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

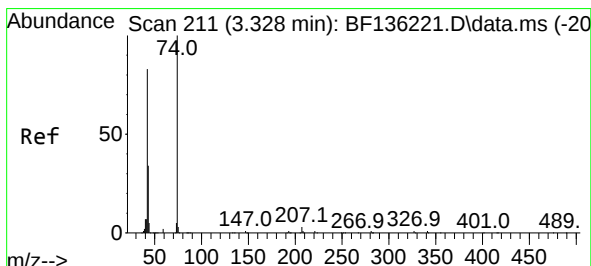
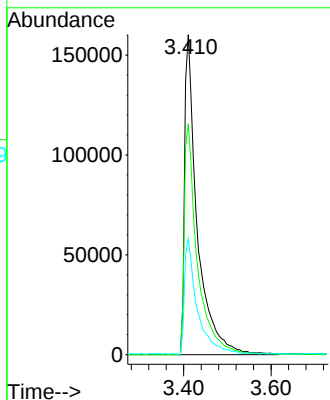
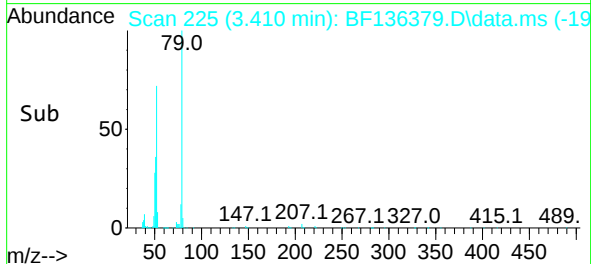
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



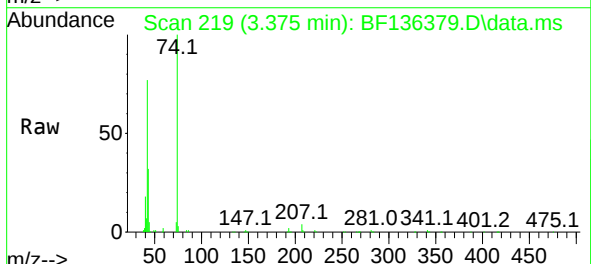
Tgt Ion: 79 Resp: 32089
Ion Ratio Lower Upper
79 100
52 72.2 63.2 94.8
51 36.2 32.6 49.0

Manual Integrations
APPROVED

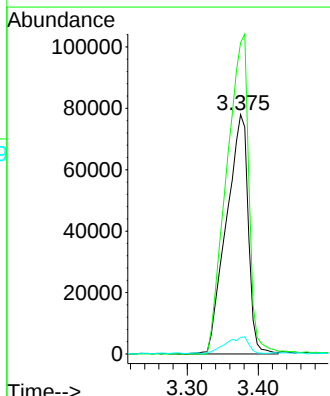
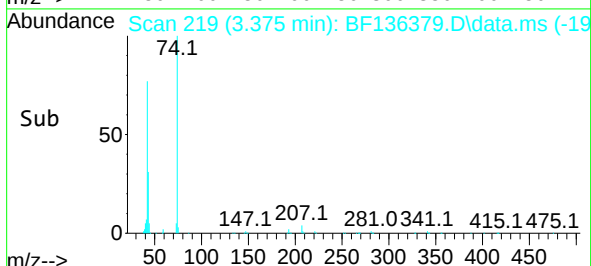
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

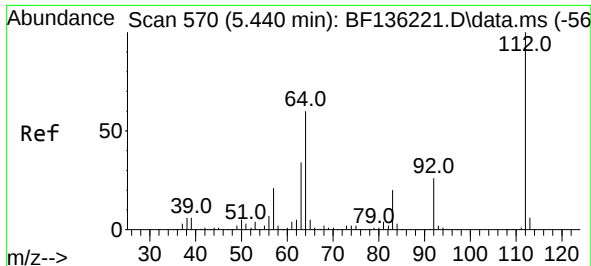


#4
n-Nitrosodimethylamine
Concen: 36.234 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.047 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



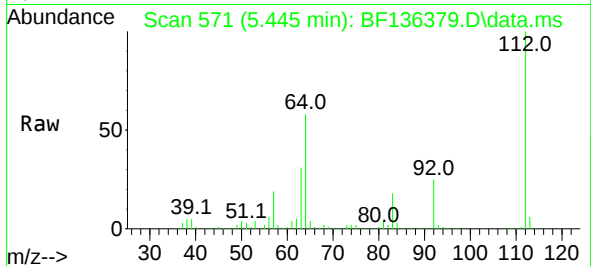
Tgt Ion: 42 Resp: 166910
Ion Ratio Lower Upper
42 100
74 130.1 96.6 144.8
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 92.110 ng
RT: 5.445 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

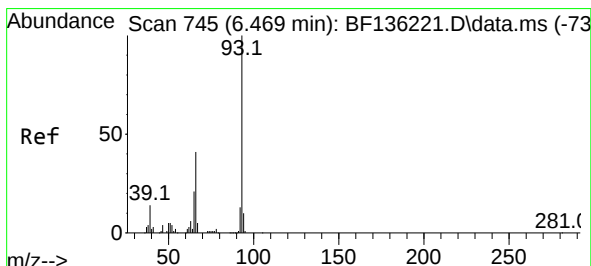
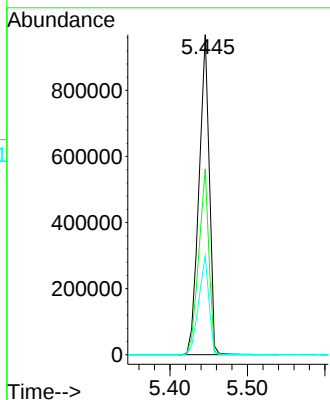
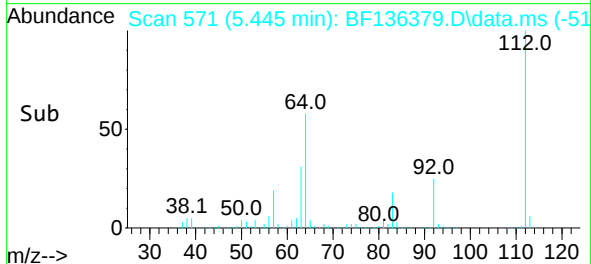
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



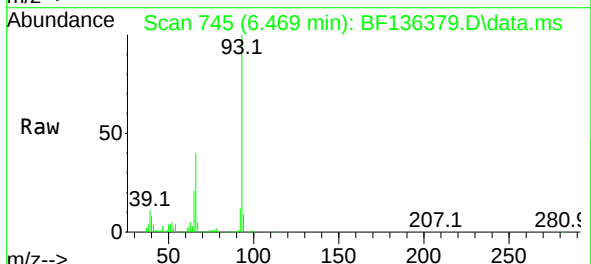
Tgt Ion:112 Resp: 89867
Ion Ratio Lower Upper
112 100
64 58.0 48.2 72.4
63 30.8 27.0 40.6

Manual Integrations
APPROVED

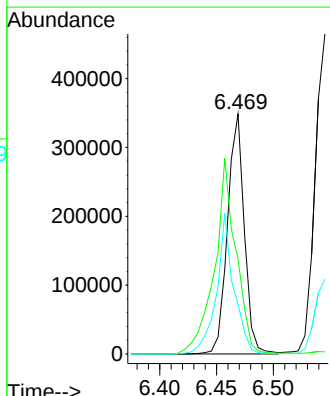
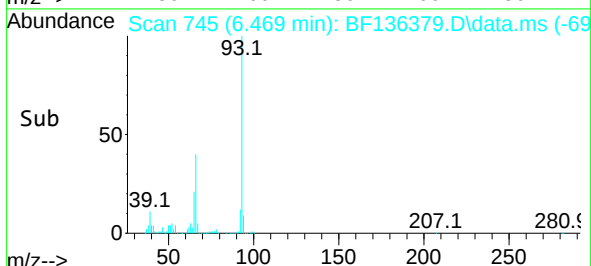
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#6
Aniline
Concen: 31.046 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



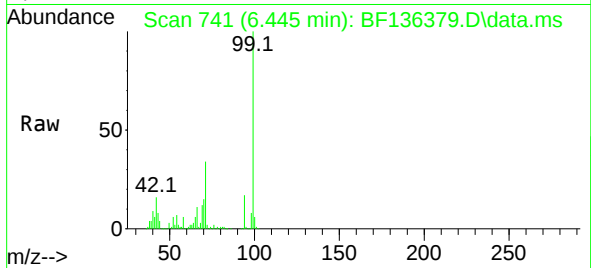
Tgt Ion: 93 Resp: 357976
Ion Ratio Lower Upper
93 100
66 39.6 34.1 51.1
65 20.7 17.3 25.9





#7
Phenol-d6
Concen: 92.042 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

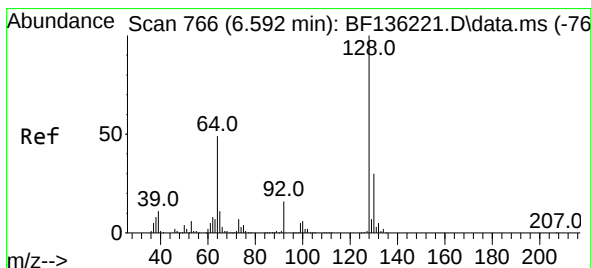
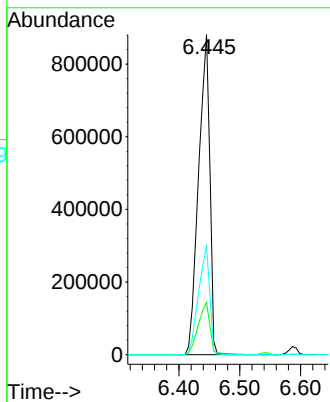
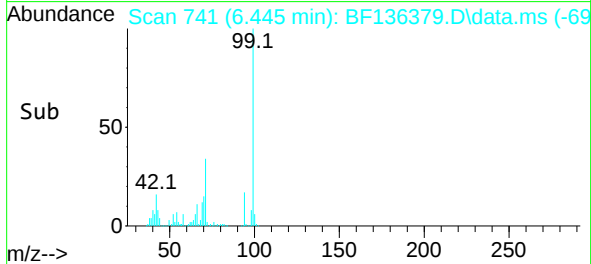
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



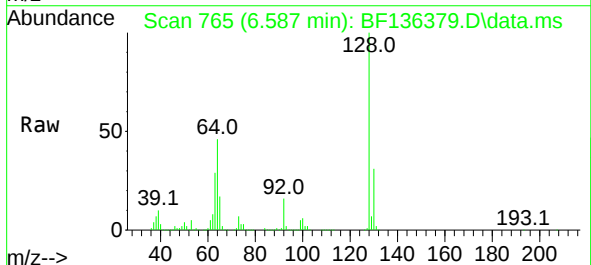
Tgt Ion: 99 Resp: 112284
Ion Ratio Lower Upper
99 100
42 16.3 15.0 22.6
71 33.8 28.9 43.3

Manual Integrations
APPROVED

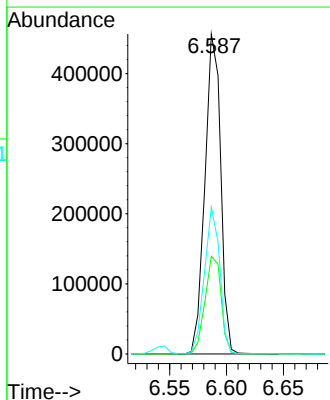
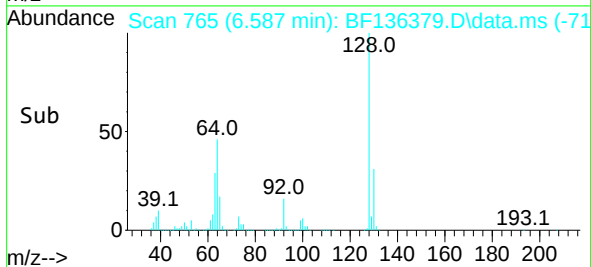
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

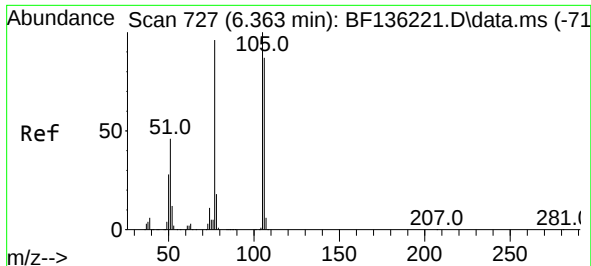


#8
2-Chlorophenol
Concen: 41.320 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



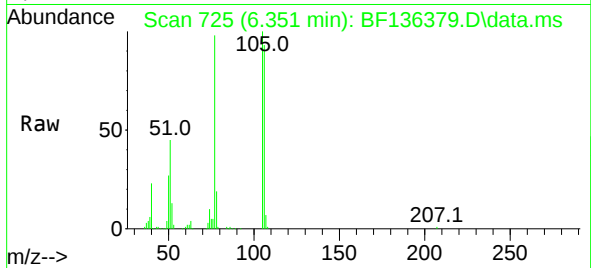
Tgt Ion:128 Resp: 438951
Ion Ratio Lower Upper
128 100
130 30.6 10.3 50.3
64 45.8 30.0 70.0





#9
Benzaldehyde
Concen: 6.541 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

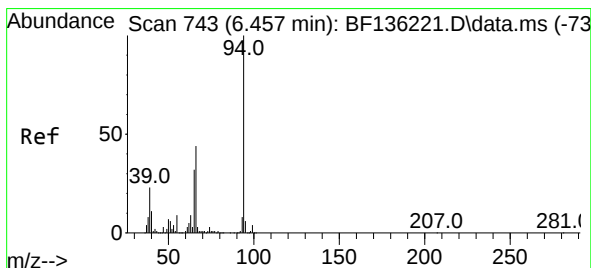
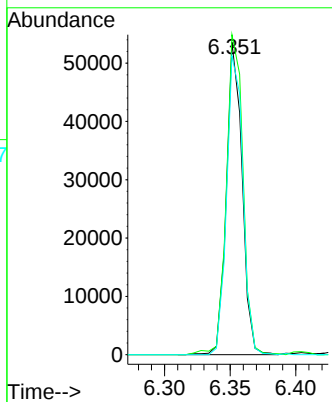
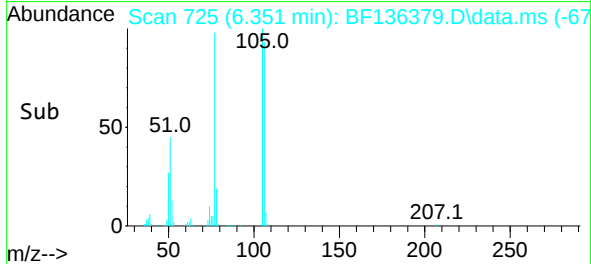
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



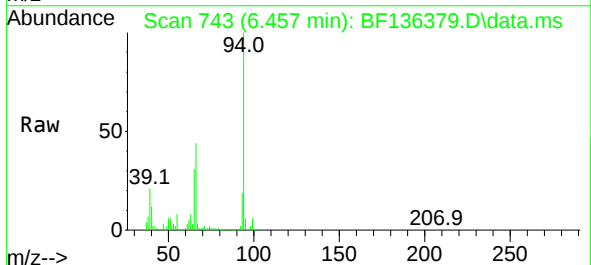
Tgt Ion: 77 Resp: 4447
Ion Ratio Lower Upper
77 100
105 102.4 84.3 124.3
106 95.6 71.0 111.0

Manual Integrations
APPROVED

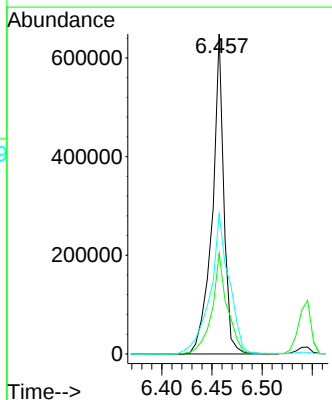
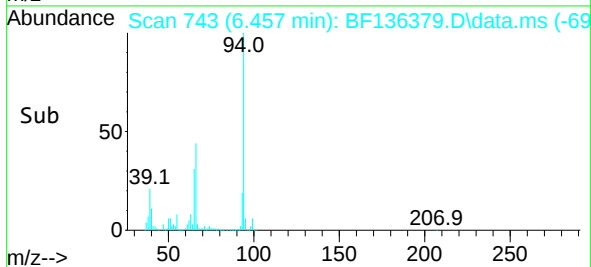
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

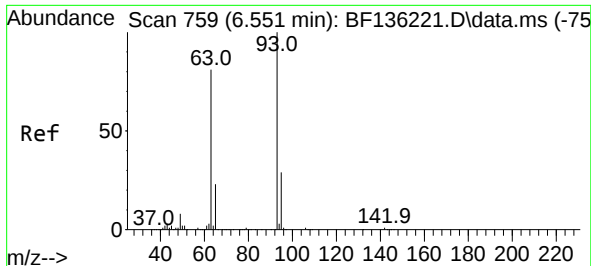


#10
Phenol
Concen: 39.829 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



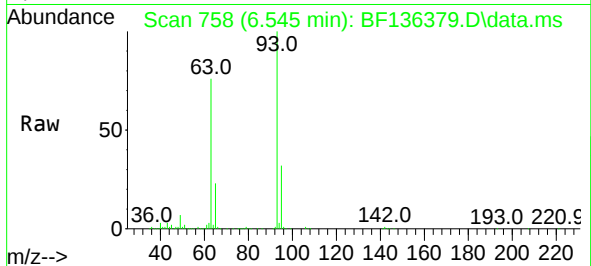
Tgt Ion: 94 Resp: 521269
Ion Ratio Lower Upper
94 100
65 31.5 12.5 52.5
66 43.8 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 41.394 ng
RT: 6.545 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

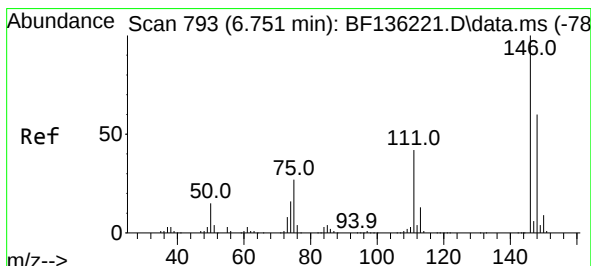
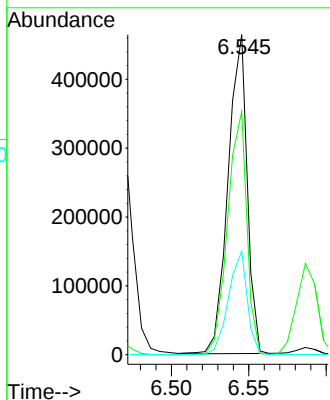
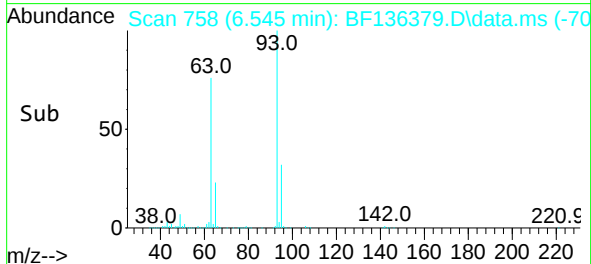
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 93 Resp: 39743
Ion Ratio Lower Upper
93 100
63 76.0 60.2 100.2
95 32.3 9.1 49.1

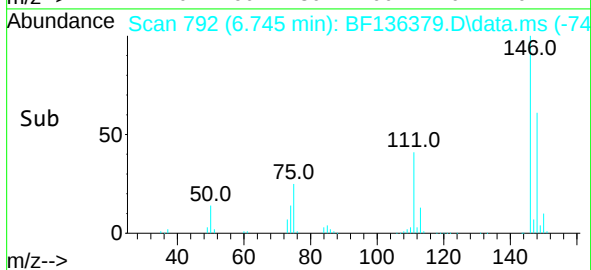
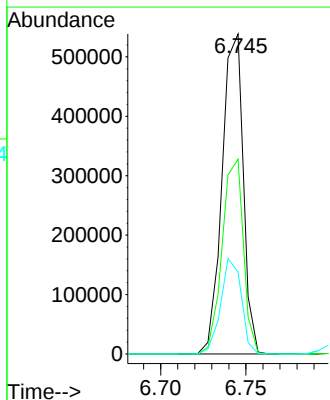
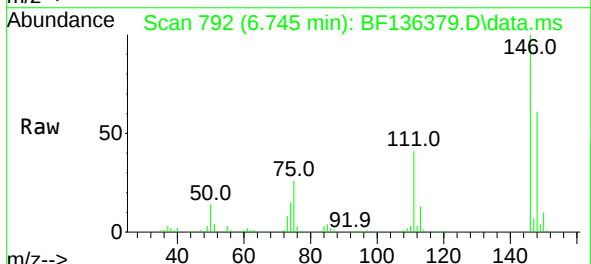
Manual Integrations
APPROVED

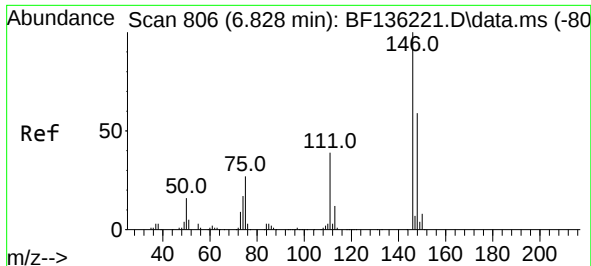
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#12
1,3-Dichlorobenzene
Concen: 38.642 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:146 Resp: 465860
Ion Ratio Lower Upper
146 100
148 60.9 47.8 71.6
75 25.6 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 38.940 ng

RT: 6.822 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:146 Resp: 477230

Ion Ratio Lower Upper

146 100

148 61.6 47.0 70.6

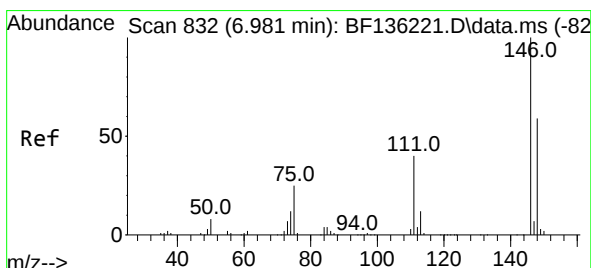
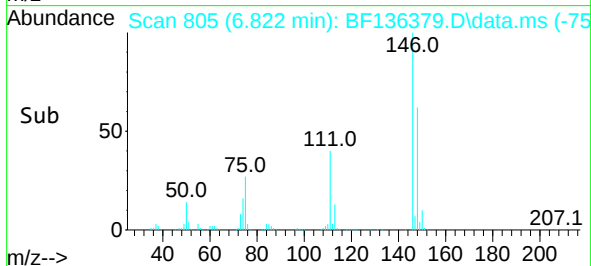
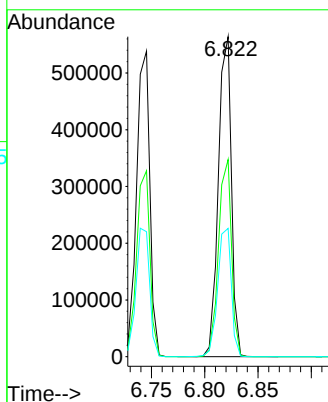
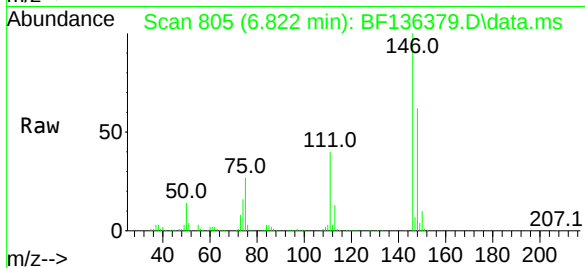
111 40.1 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#14

1,2-Dichlorobenzene

Concen: 38.432 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

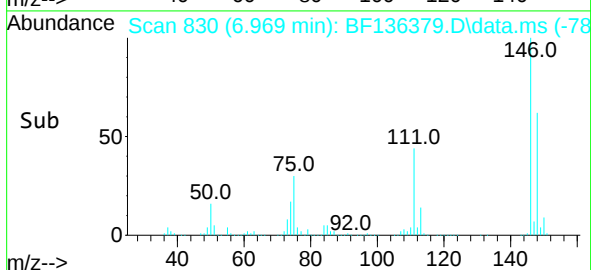
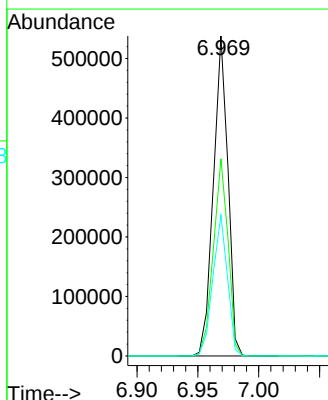
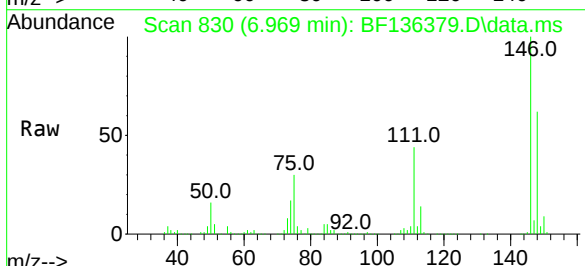
Tgt Ion:146 Resp: 445910

Ion Ratio Lower Upper

146 100

148 61.7 47.3 70.9

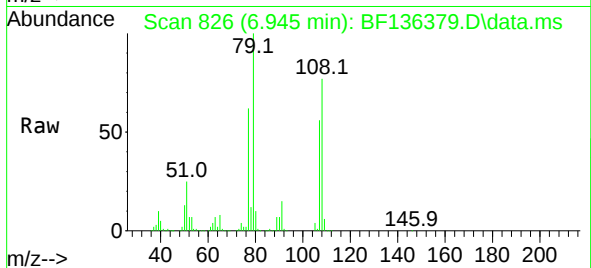
111 44.0 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.922 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

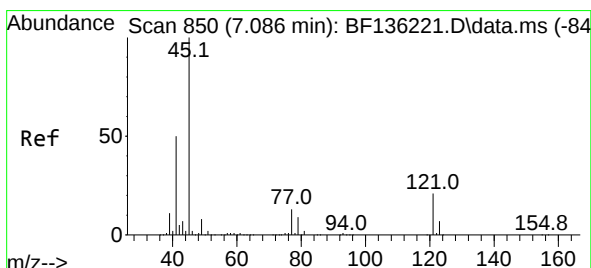
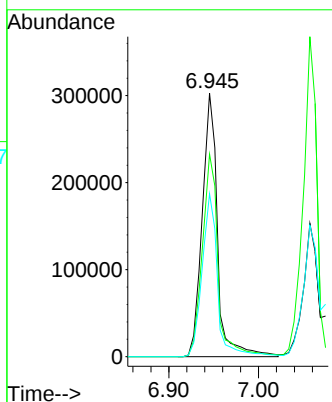
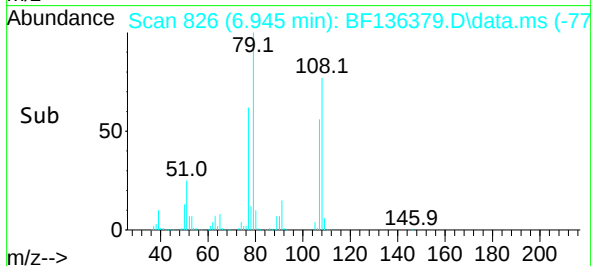
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 79 Resp: 358570
Ion Ratio Lower Upper
79 100
108 76.9 58.1 87.1
77 61.8 51.8 77.8

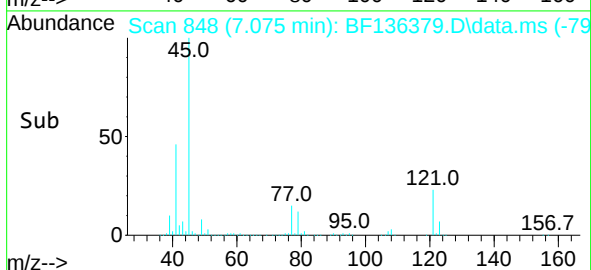
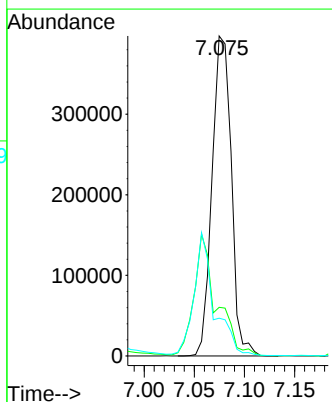
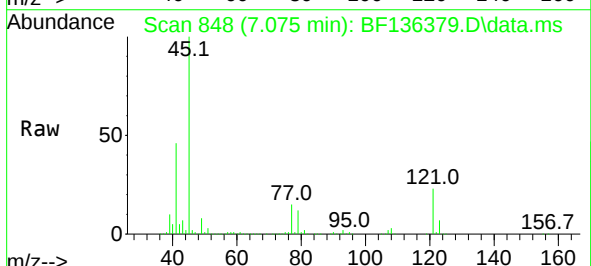
Manual Integrations
APPROVED

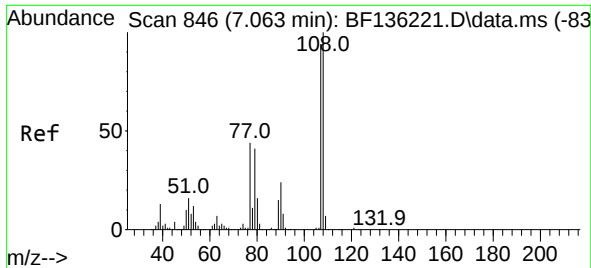
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.759 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion: 45 Resp: 530236
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.0
79 11.8 0.0 30.1





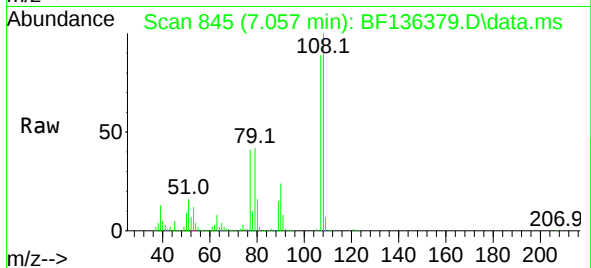
#17
2-Methylphenol
Concen: 40.299 ng
RT: 7.057 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

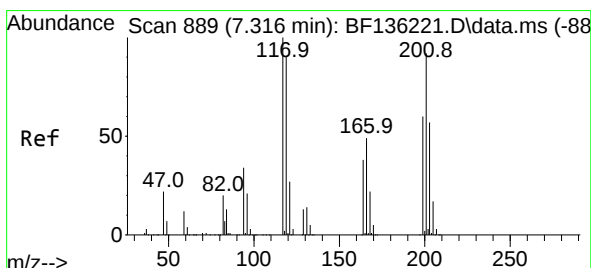
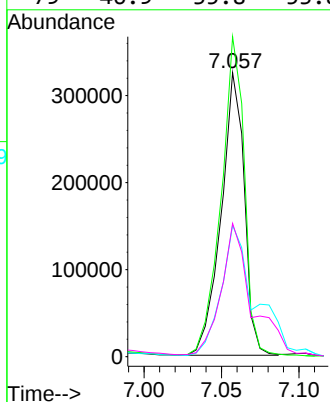
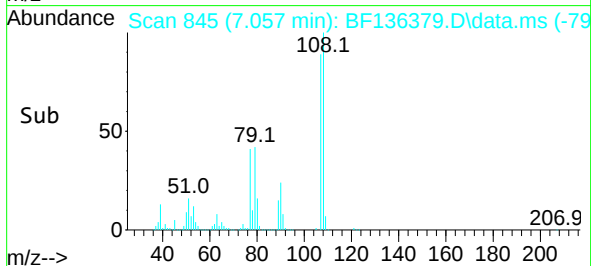


Tgt Ion:107 Resp: 336572
Ion Ratio Lower Upper
107 100
108 112.6 85.4 128.0
77 46.3 37.4 56.2
79 46.9 35.8 53.8

Manual Integrations

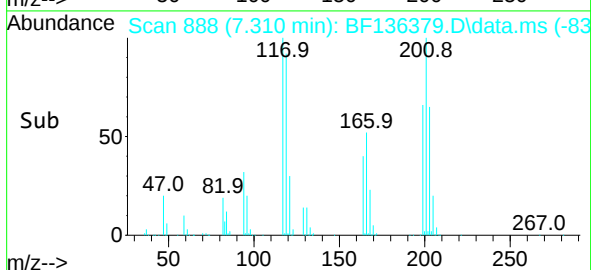
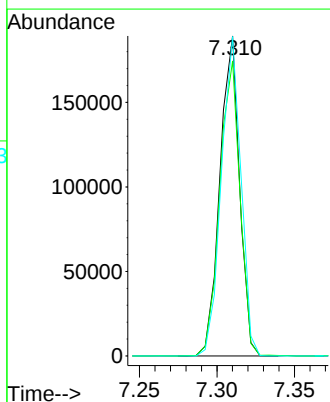
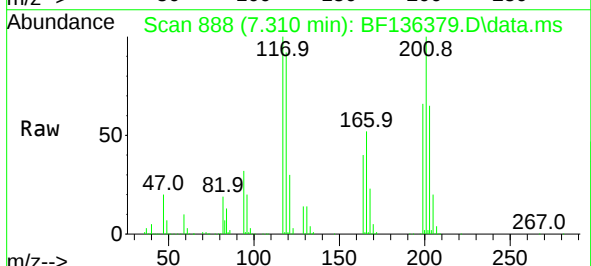
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#18
Hexachloroethane
Concen: 38.727 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:117 Resp: 166484
Ion Ratio Lower Upper
117 100
119 92.2 71.6 107.4
201 99.8 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 39.827 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136379.D

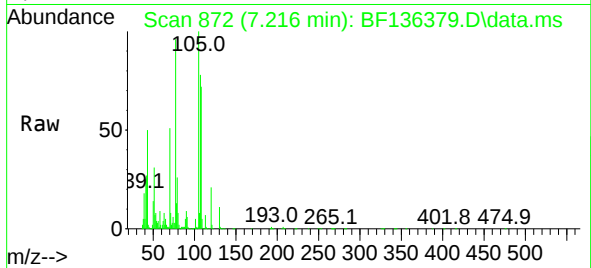
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion: 70 Resp: 290580

Ion Ratio Lower Upper

70 100

42 53.4 47.0 70.4

101 9.9 7.8 11.8

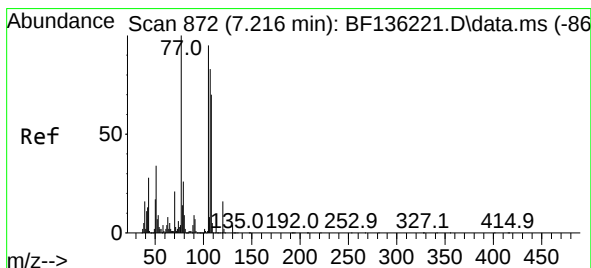
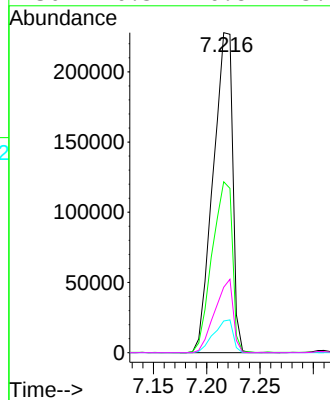
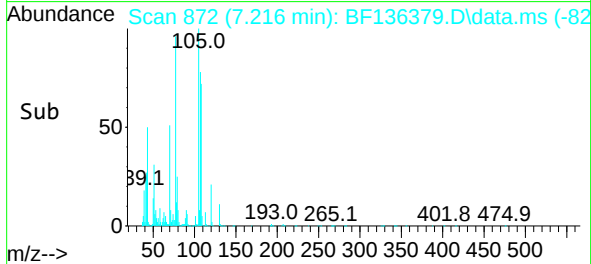
130 20.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#20

3+4-Methylphenols

Concen: 39.102 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Tgt Ion:107 Resp: 424426

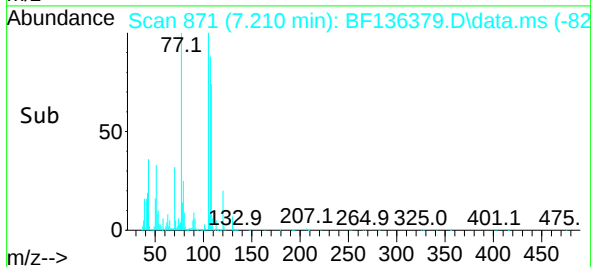
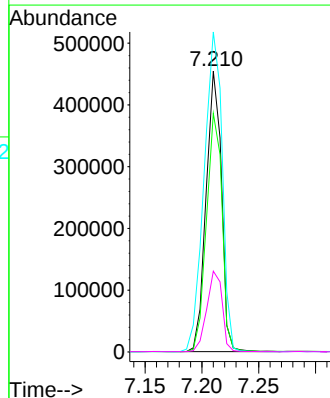
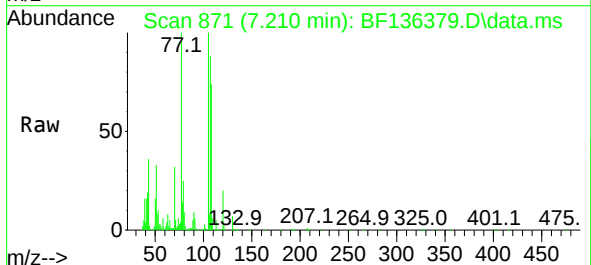
Ion Ratio Lower Upper

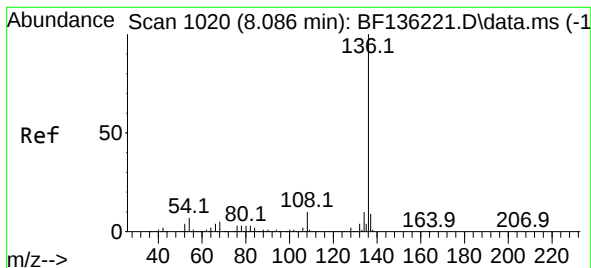
107 100

108 85.0 63.9 103.9

77 113.9 100.2 140.2

79 28.8 11.1 51.1





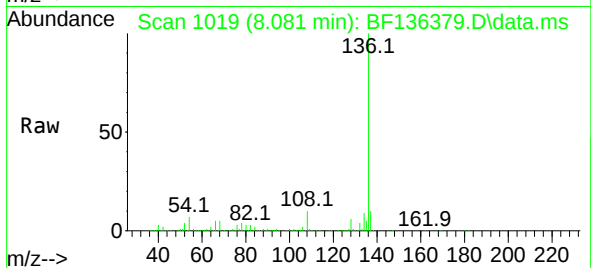
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

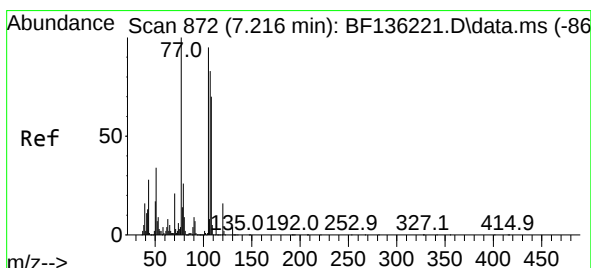
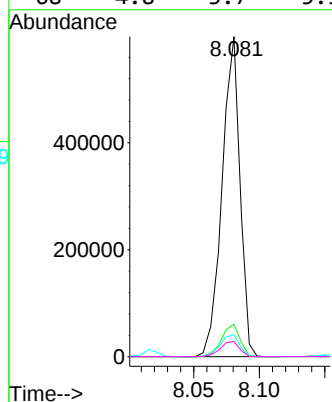
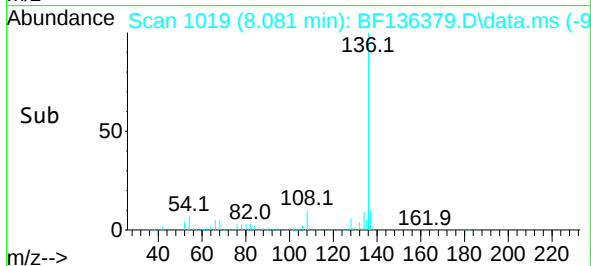


Tgt Ion:136 Resp: 567359
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.9 5.5 8.3
68 4.8 3.7 5.5

Manual Integrations

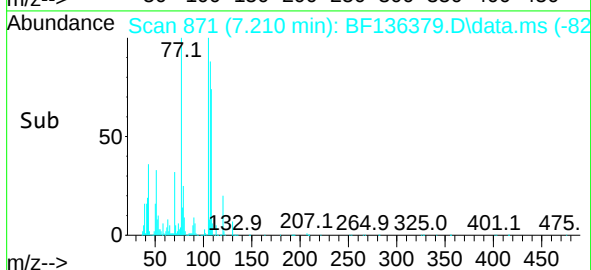
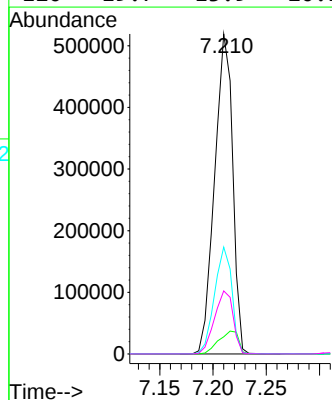
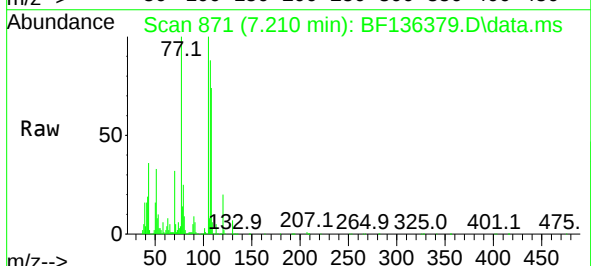
APPROVED

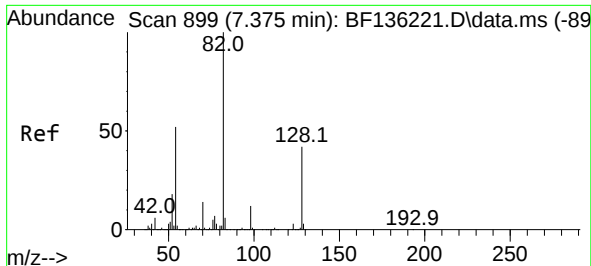
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#22
Acetophenone
Concen: 40.898 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:105 Resp: 609408
Ion Ratio Lower Upper
105 100
71 5.3 2.8 4.2#
51 33.4 29.0 43.6
120 19.7 13.9 20.9





#23

Nitrobenzene-d5

Concen: 66.417 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 82 Resp: 71309

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.2

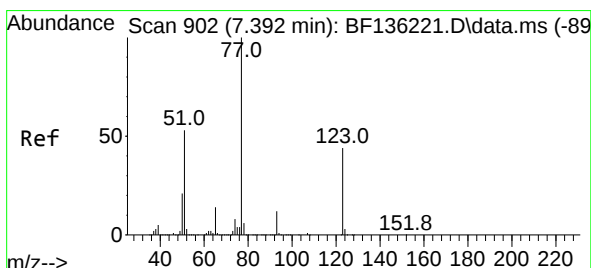
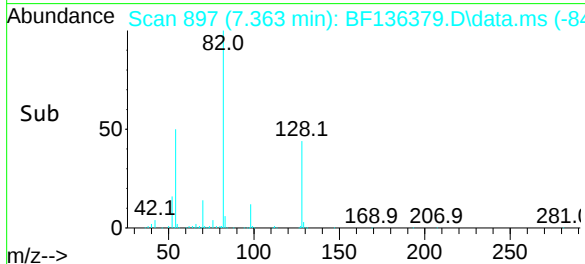
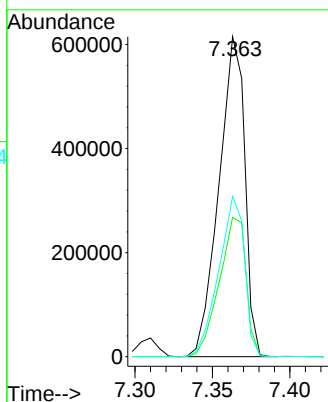
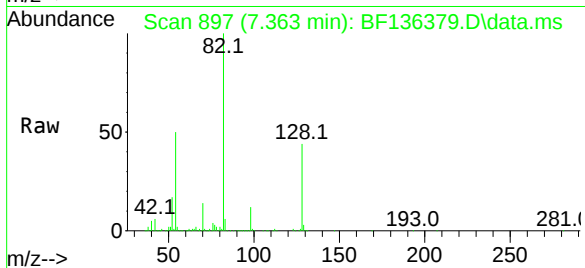
54 50.0 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#24

Nitrobenzene

Concen: 39.875 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

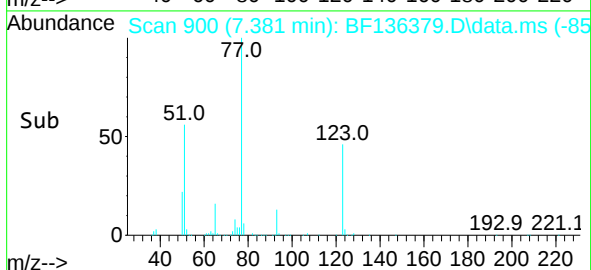
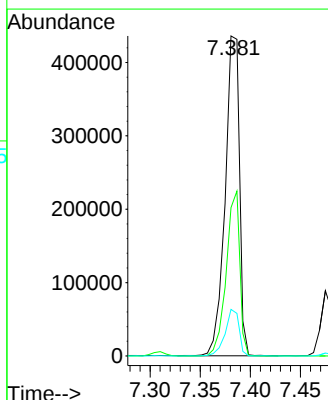
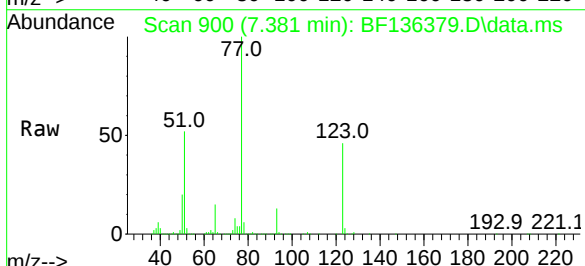
Tgt Ion: 77 Resp: 433854

Ion Ratio Lower Upper

77 100

123 46.4 35.4 53.2

65 14.5 11.0 16.6





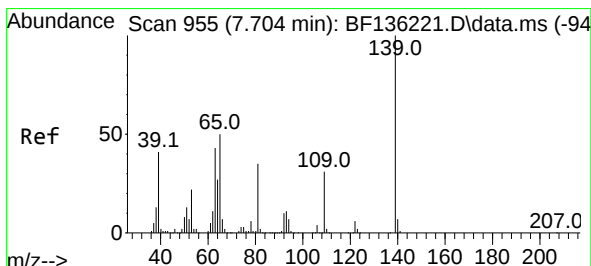
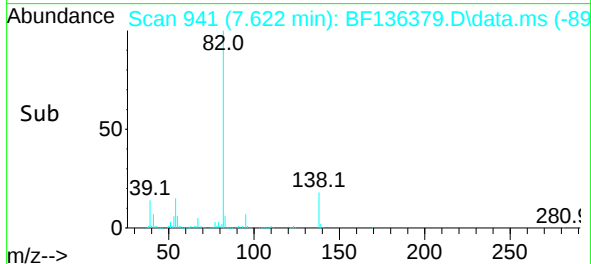
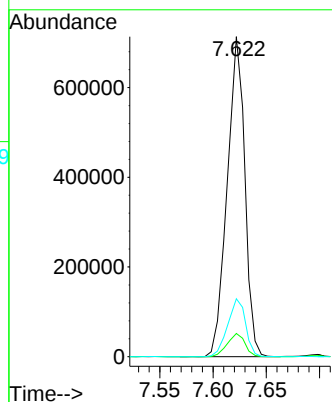
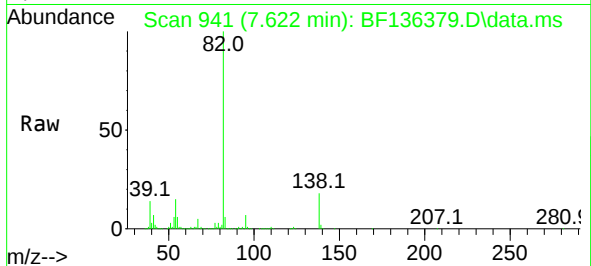
#25
Isophorone
Concen: 42.393 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :
BNA_F
Client SampleId :
TP-3MSD

Tgt Ion: 82 Resp: 820710
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.1 12.8 19.2

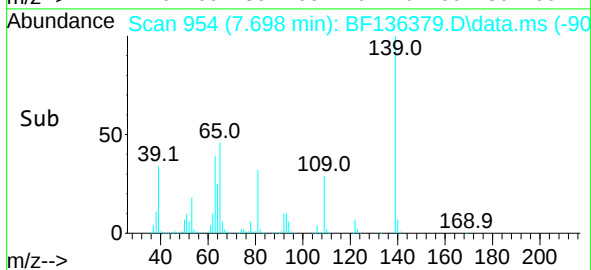
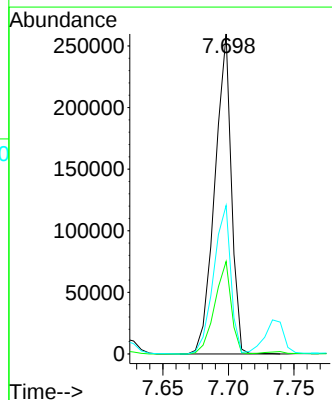
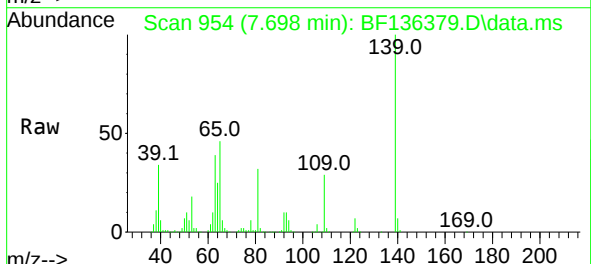
Manual Integrations
APPROVED

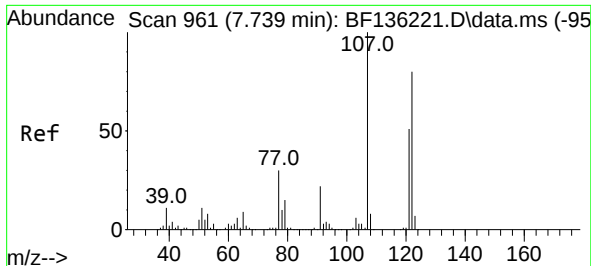
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#26
2-Nitrophenol
Concen: 49.102 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:139 Resp: 227628
Ion Ratio Lower Upper
139 100
109 28.9 25.0 37.6
65 46.4 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 49.654 ng

RT: 7.739 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136379.D

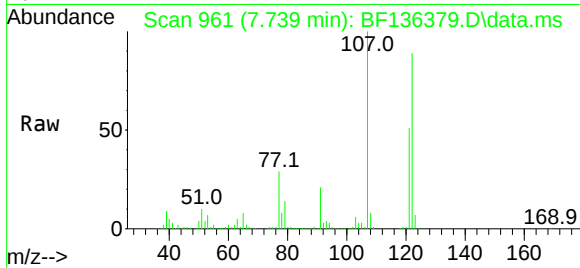
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



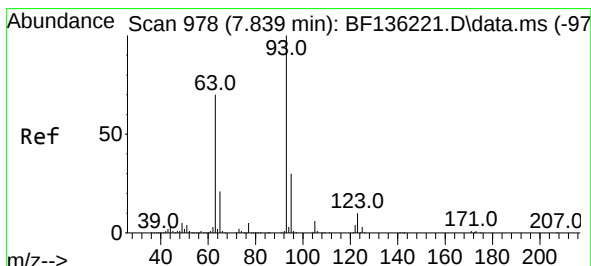
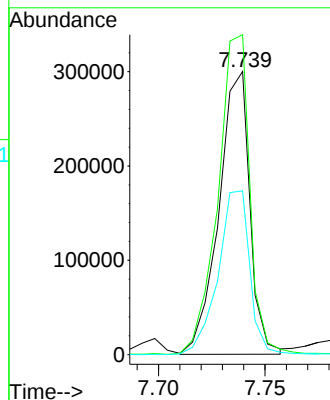
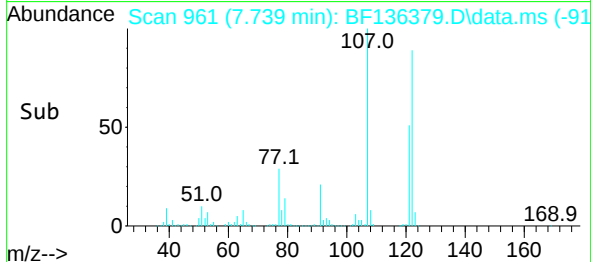
Tgt Ion:	122	Resp:	30297
Ion	Ratio	Lower	Upper
122	100		
107	113.0	100.0	150.0
121	57.8	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.304 ng

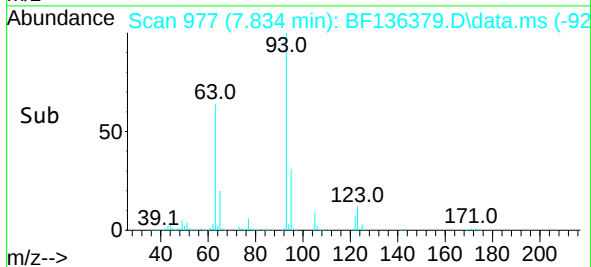
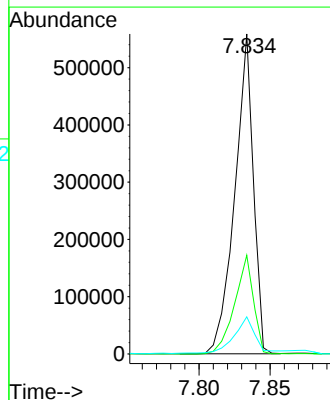
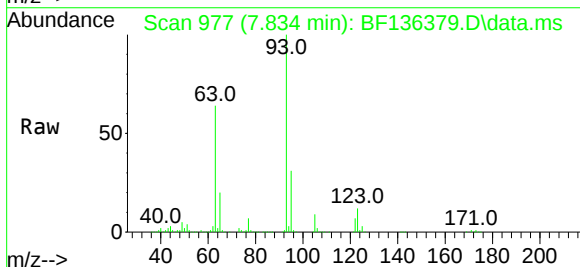
RT: 7.834 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Tgt Ion:	93	Resp:	507105
Ion	Ratio	Lower	Upper
93	100		
95	30.9	23.8	35.6
123	11.6	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 44.798 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

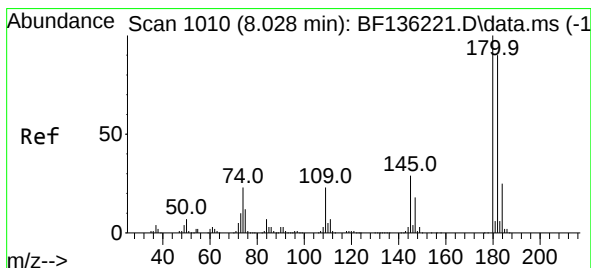
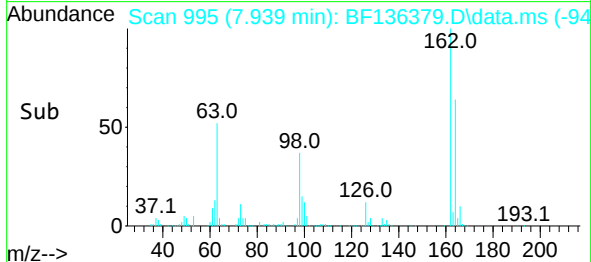
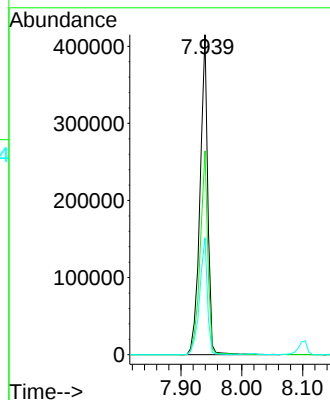
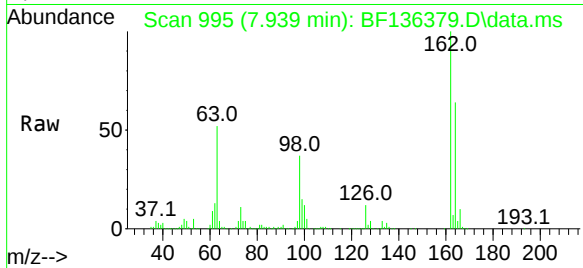
TP-3MSD

Tgt Ion:162 Resp: 368700
 Ion Ratio Lower Upper
 162 100
 164 63.7 40.3 80.3
 98 36.6 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.892 ng

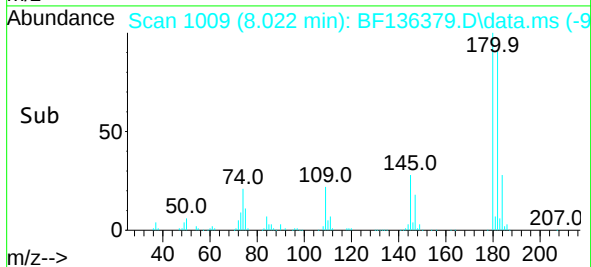
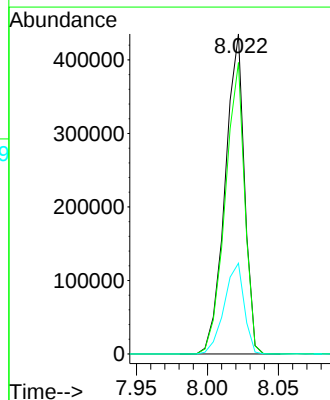
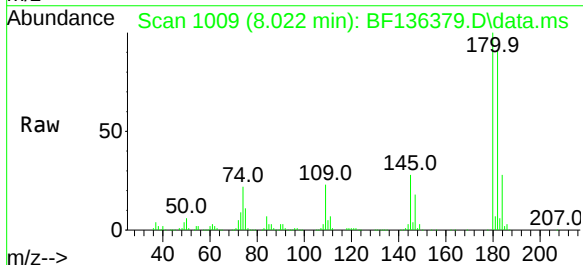
RT: 8.022 min Scan# 1009

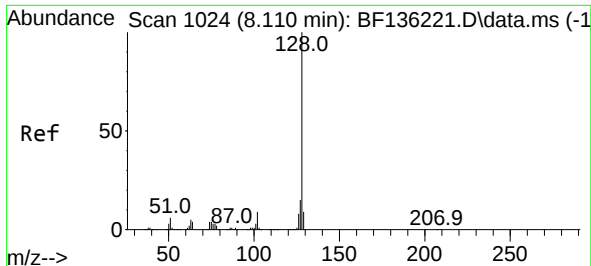
Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

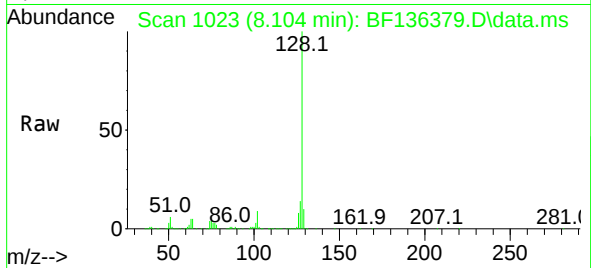
Tgt Ion:180 Resp: 412047
 Ion Ratio Lower Upper
 180 100
 182 91.0 71.6 107.4
 145 28.3 23.0 34.4





#31
Naphthalene
Concen: 41.225 ng
RT: 8.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

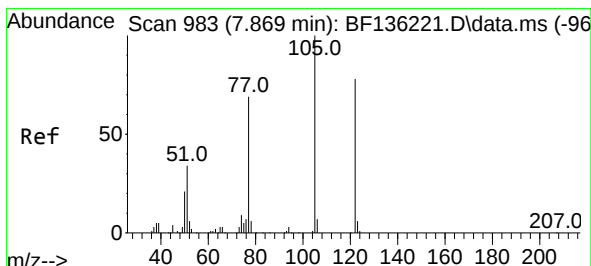
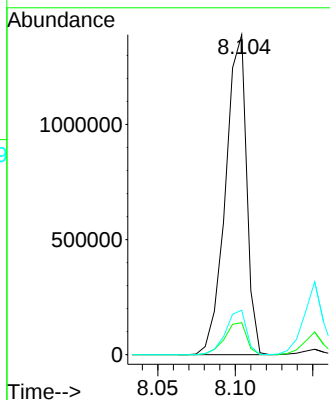
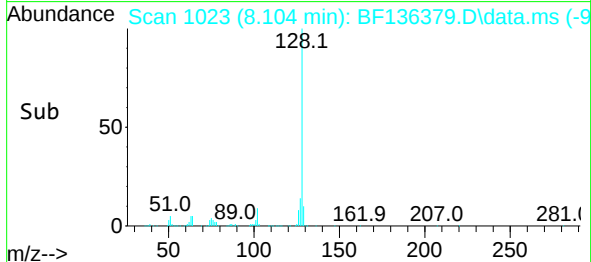
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:128 Resp: 1314660
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 13.9 11.8 17.6

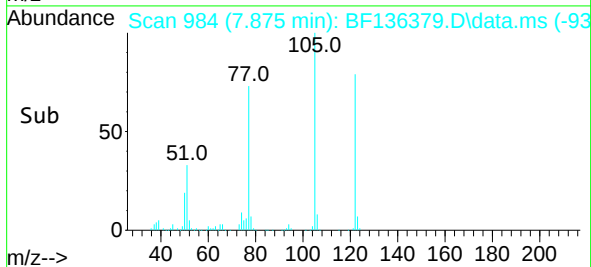
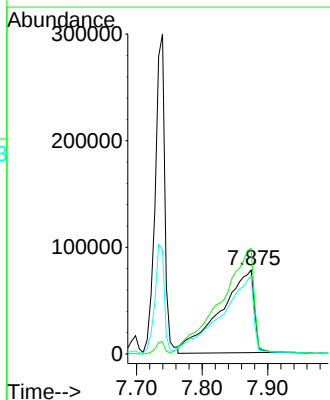
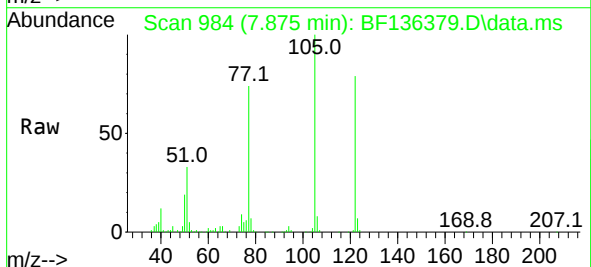
Manual Integrations
APPROVED

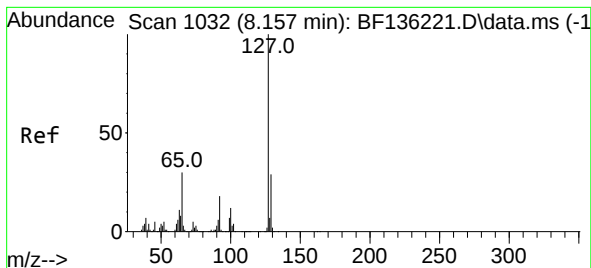
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#32
Benzoic acid
Concen: 49.999 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:122 Resp: 278042
Ion Ratio Lower Upper
122 100
105 125.9 103.7 143.7
77 92.6 66.8 106.8





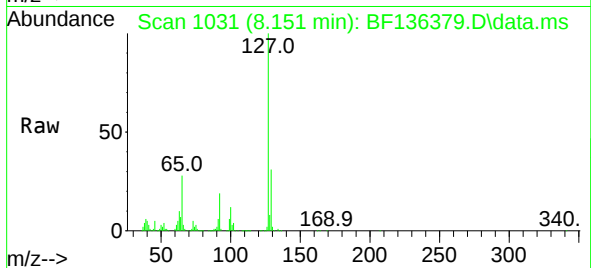
#33
4-Chloroaniline
Concen: 25.747 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

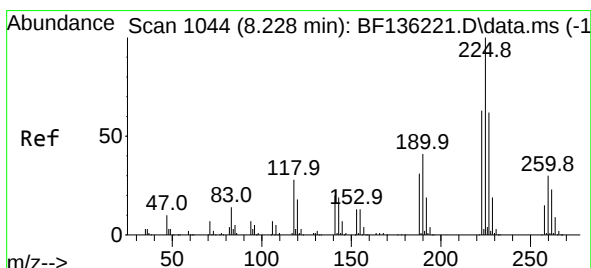
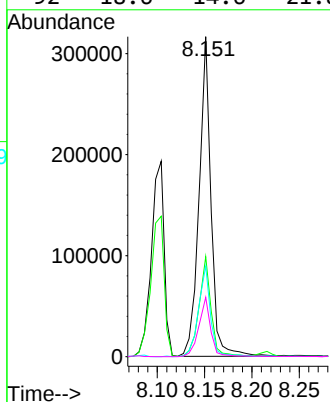
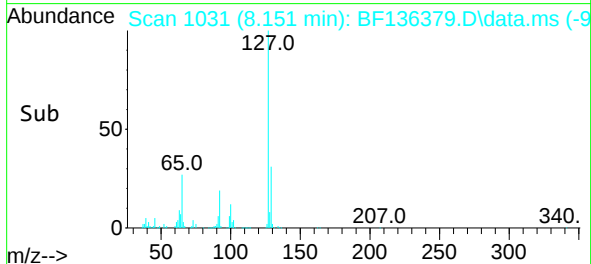


Tgt Ion:127 Resp: 279094
Ion Ratio Lower Upper
127 100
129 31.3 23.4 35.2
65 28.3 23.8 35.6
92 18.6 14.6 21.8

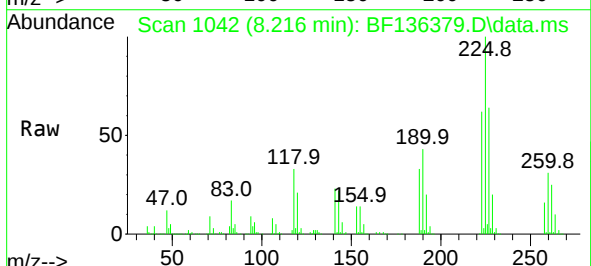
Manual Integrations

APPROVED

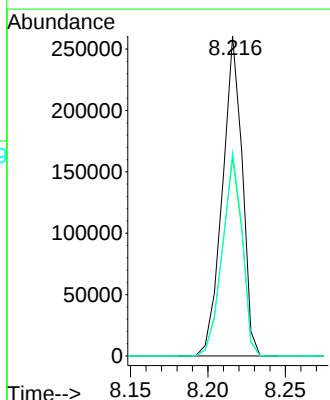
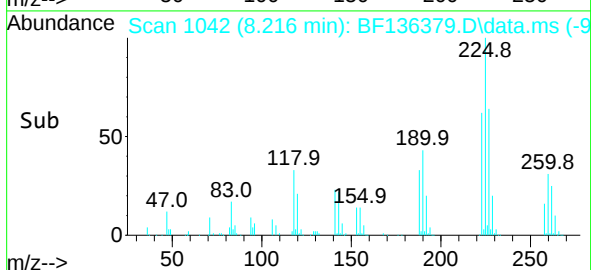
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

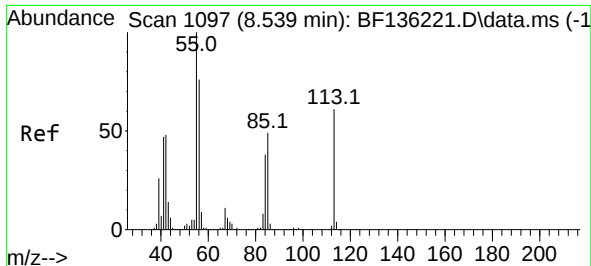


#34
Hexachlorobutadiene
Concen: 39.261 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



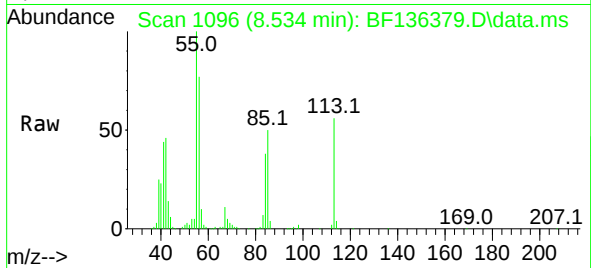
Tgt Ion:225 Resp: 231449
Ion Ratio Lower Upper
225 100
223 61.9 50.6 75.8
227 63.7 49.6 74.4





#35
Caprolactam
Concen: 52.512 ng m
RT: 8.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

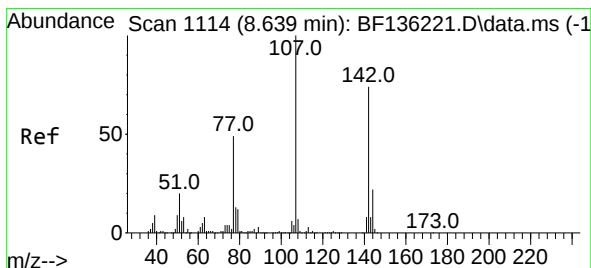
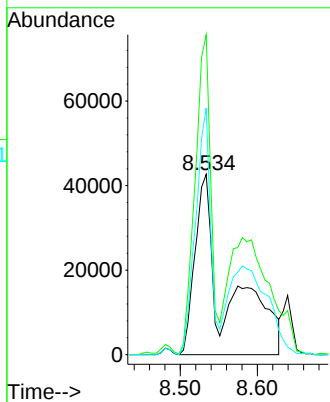
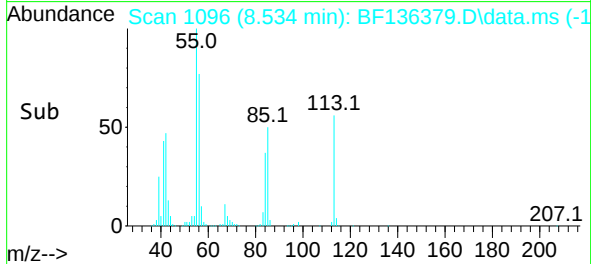
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:113 Resp: 120818
Ion Ratio Lower Upper
113 100
55 177.5 143.1 183.1
56 136.8 103.6 143.6

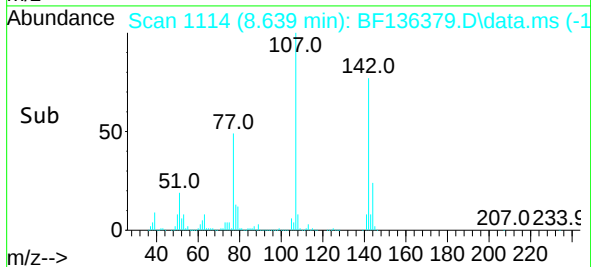
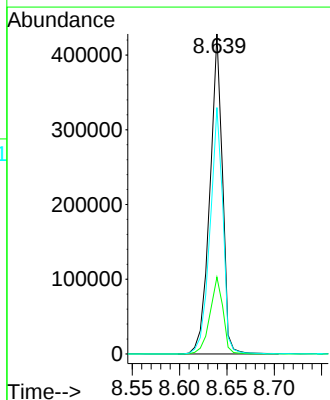
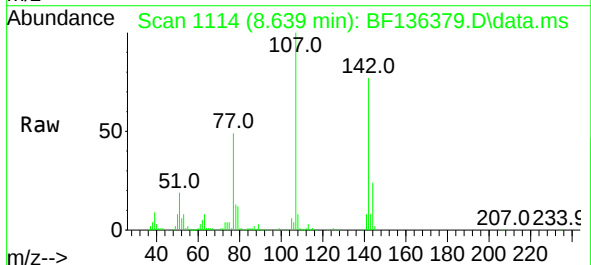
Manual Integrations
APPROVED

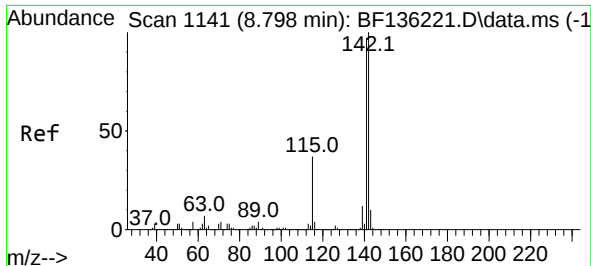
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#36
4-Chloro-3-methylphenol
Concen: 44.278 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:107 Resp: 395235
Ion Ratio Lower Upper
107 100
144 24.0 17.8 26.8
142 77.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 41.897 ng

RT: 8.792 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:142 Resp: 838110

Ion Ratio Lower Upper

142 100

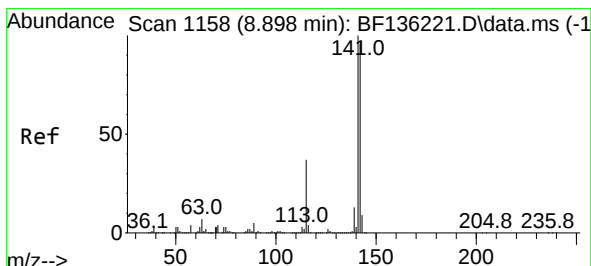
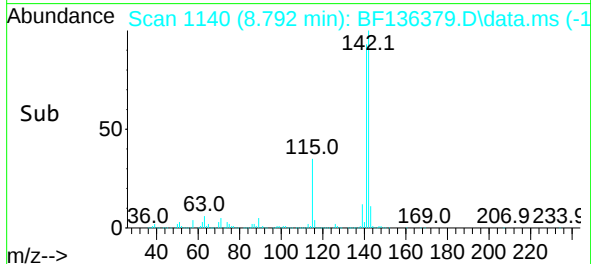
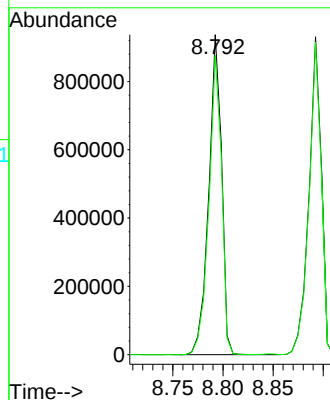
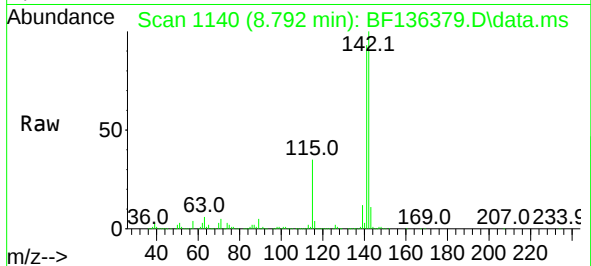
141 93.5 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#38

1-Methylnaphthalene

Concen: 40.901 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF136379.D

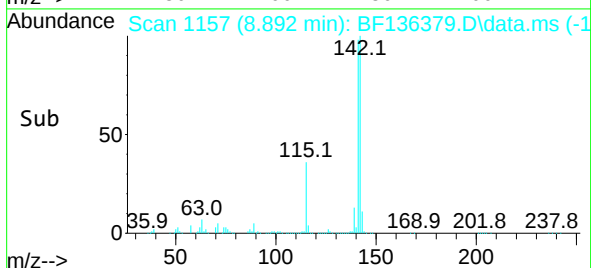
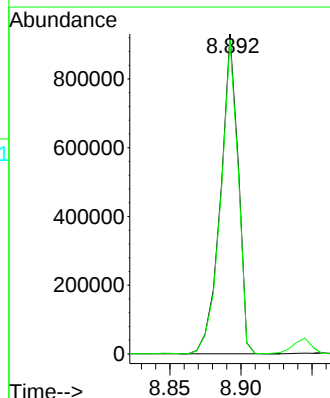
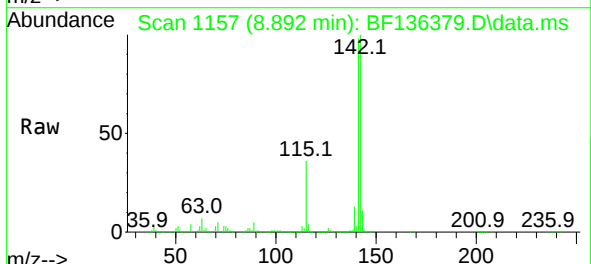
Acq: 04 Dec 2023 13:42

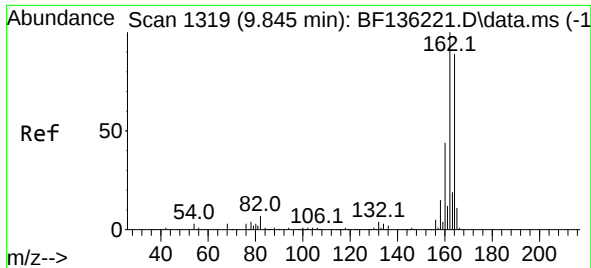
Tgt Ion:142 Resp: 798166

Ion Ratio Lower Upper

142 100

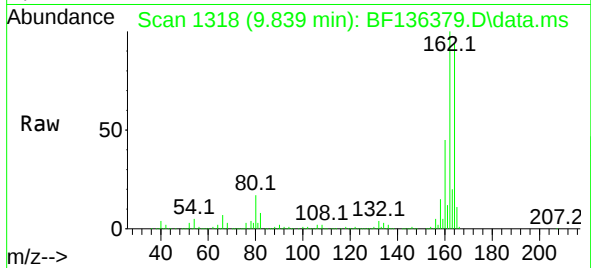
141 98.2 83.8 125.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

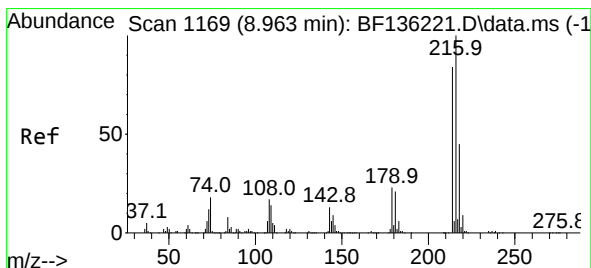
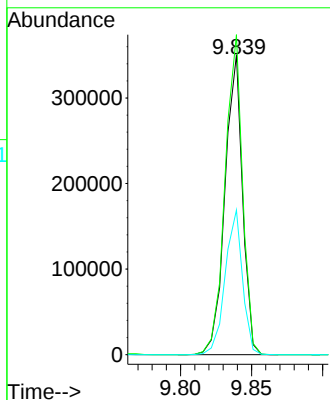
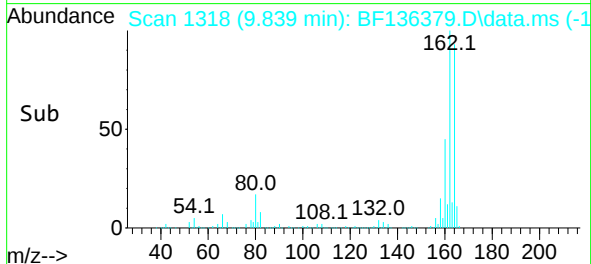
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



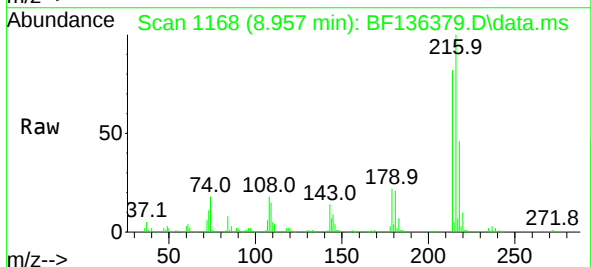
Tgt Ion:164 Resp: 30031
Ion Ratio Lower Upper
164 100
162 106.7 89.5 134.3
160 48.2 39.6 59.4

Manual Integrations
APPROVED

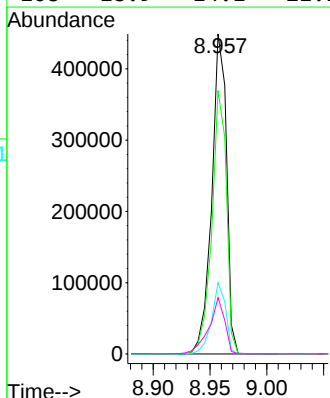
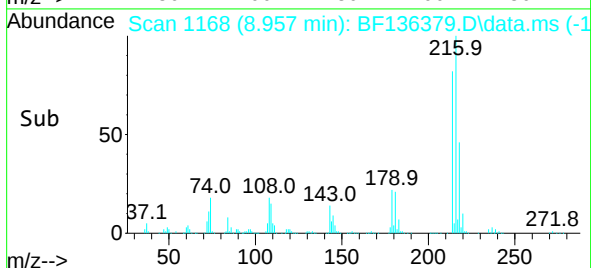
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

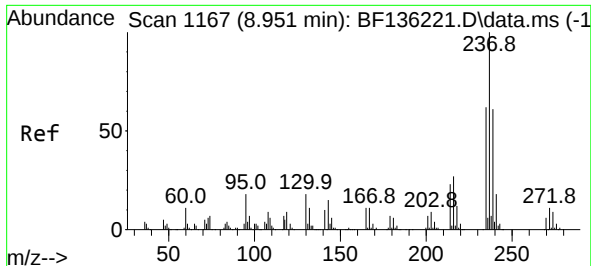


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.543 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



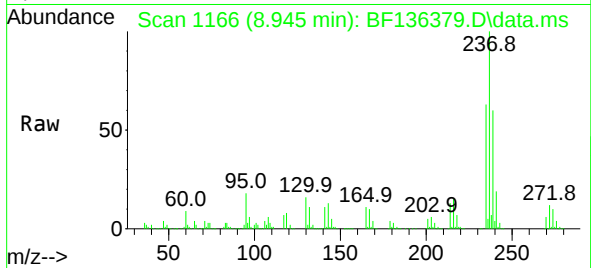
Tgt Ion:216 Resp: 406599
Ion Ratio Lower Upper
216 100
214 81.0 65.8 98.8
179 21.2 17.4 26.0
108 18.9 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 97.204 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

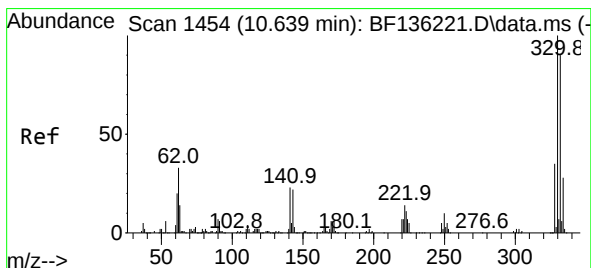
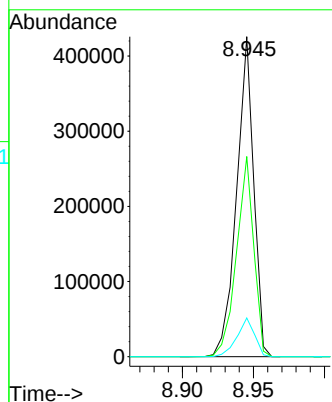
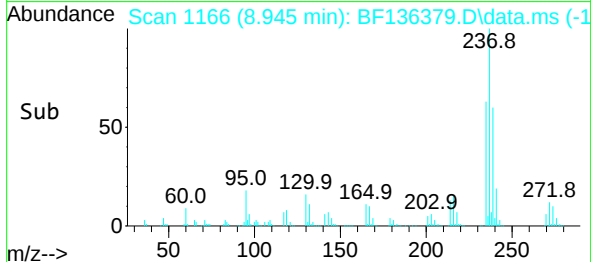
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



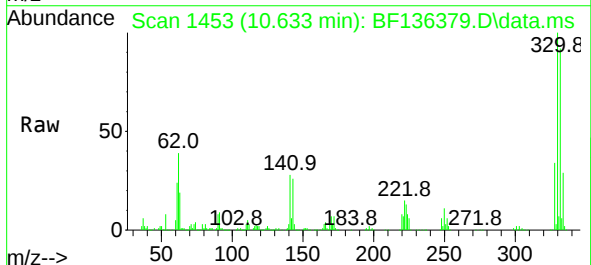
Tgt Ion: 237 Resp: 35747
Ion Ratio Lower Upper
237 100
235 62.6 42.1 82.1
272 12.1 0.0 31.0

Manual Integrations
APPROVED

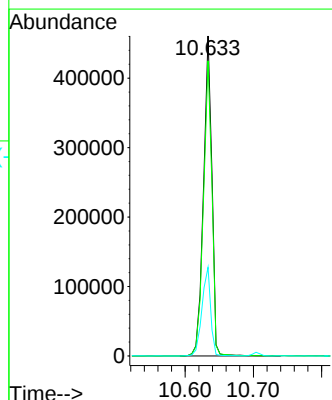
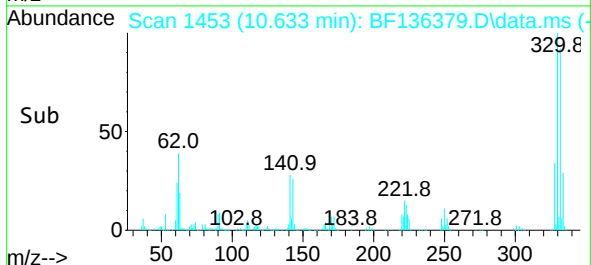
Reviewed By : Yogesh Patel 12/05/2023
Supervised By : mohammad ahmed 12/05/2023

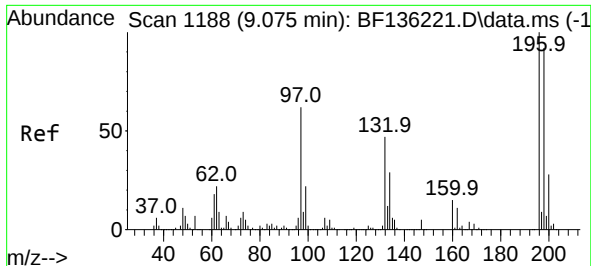


#42
2,4,6-Tribromophenol
Concen: 107.918 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



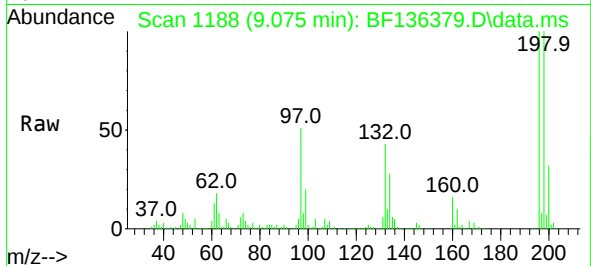
Tgt Ion: 330 Resp: 396226
Ion Ratio Lower Upper
330 100
332 92.8 73.0 109.6
141 28.6 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 44.282 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

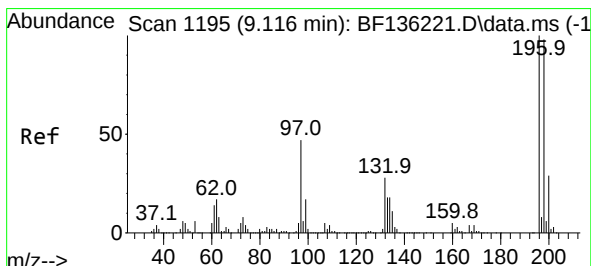
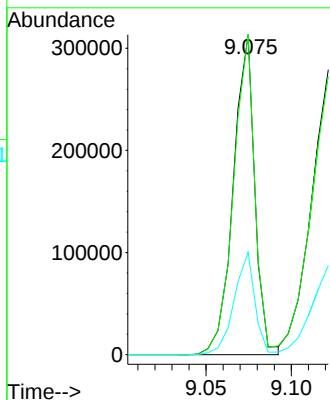
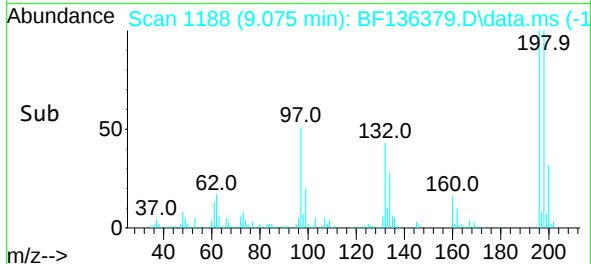
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



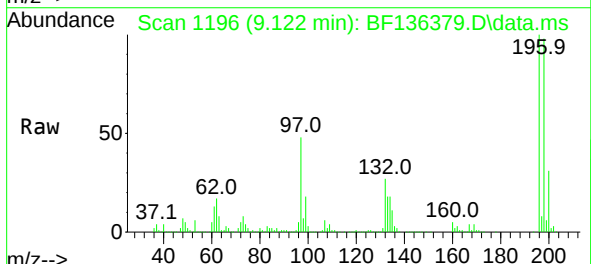
Tgt Ion:196 Resp: 274702
Ion Ratio Lower Upper
196 100
198 100.0 73.2 109.8
200 32.0 22.4 33.6

Manual Integrations
APPROVED

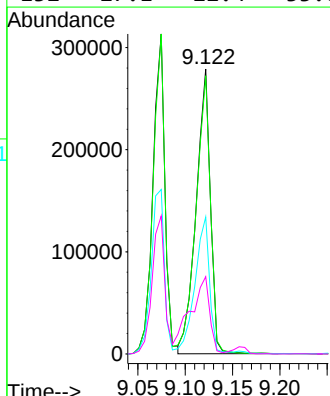
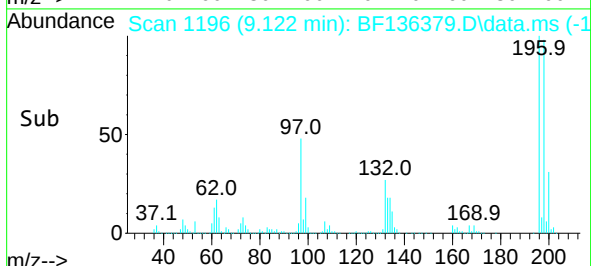
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

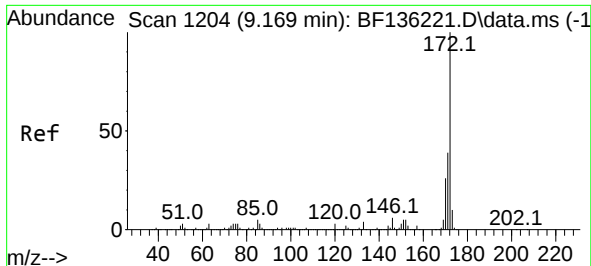


#44
2,4,5-Trichlorophenol
Concen: 43.361 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



Tgt Ion:196 Resp: 293544
Ion Ratio Lower Upper
196 100
198 97.6 78.8 118.2
97 48.0 37.8 56.8
132 27.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 62.141 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:172 Resp: 146100

Ion Ratio Lower Upper

172 100

171 38.1 31.5 47.3

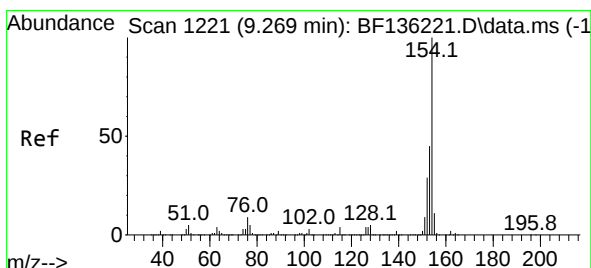
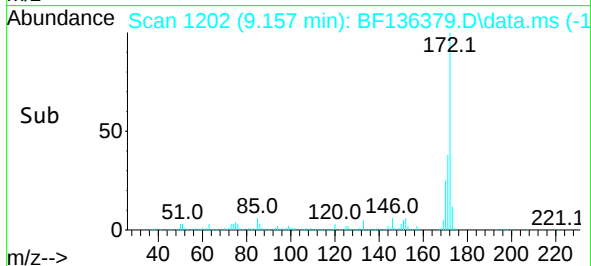
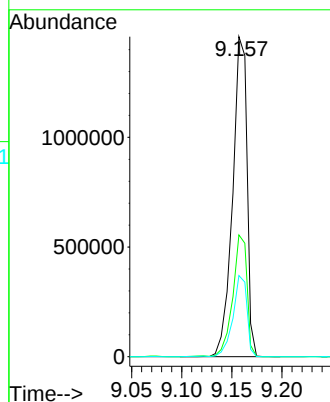
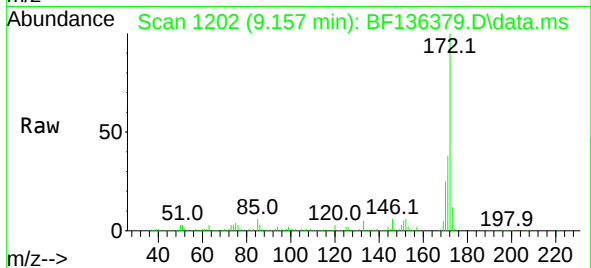
170 25.4 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#46

1,1'-Biphenyl

Concen: 42.357 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

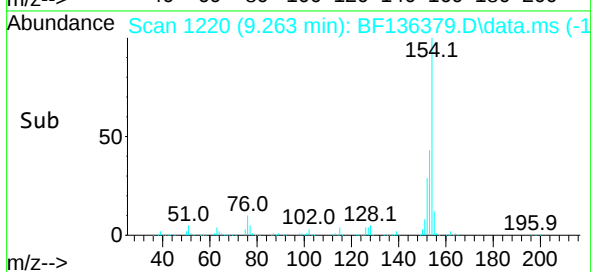
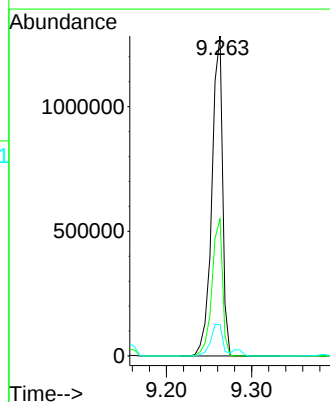
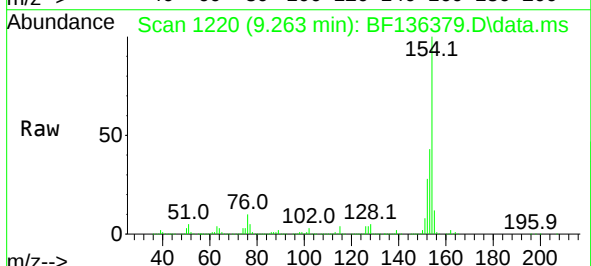
Tgt Ion:154 Resp: 1121736

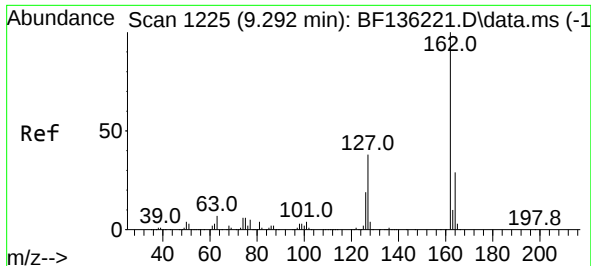
Ion Ratio Lower Upper

154 100

153 42.7 24.6 64.6

76 9.8 0.0 29.4





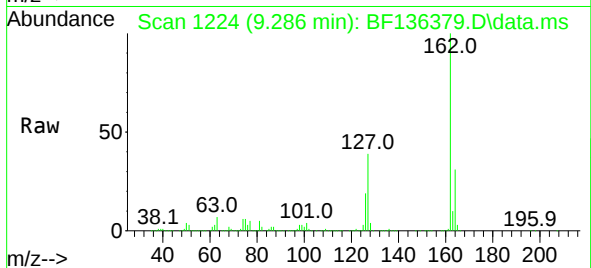
#47
2-Chloronaphthalene
Concen: 40.716 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

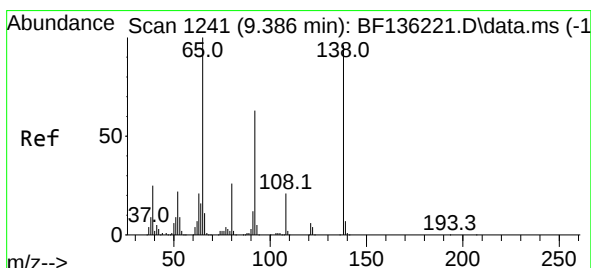
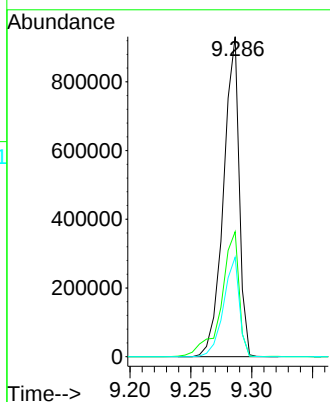
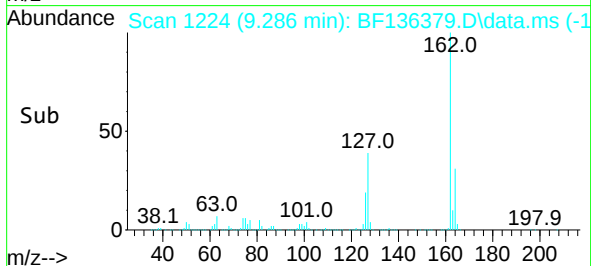
TP-3MSD



Tgt Ion:162 Resp: 83738
Ion Ratio Lower Upper
162 100
127 39.1 30.2 45.2
164 31.1 22.8 34.2

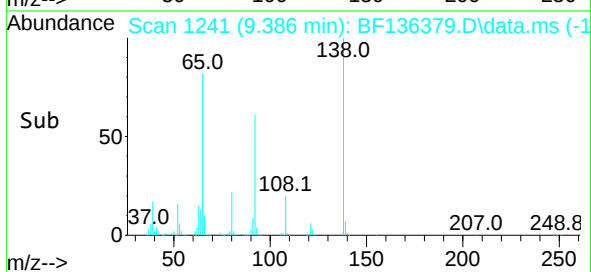
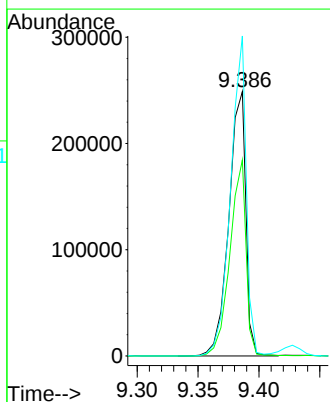
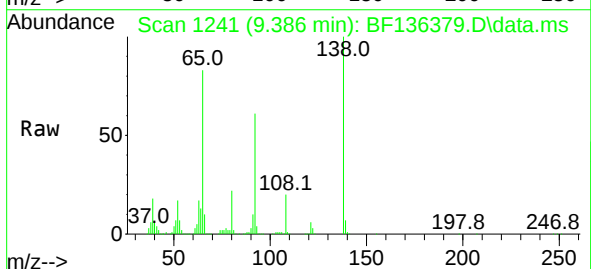
Manual Integrations
APPROVED

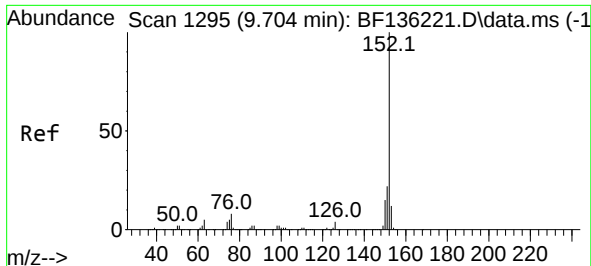
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#48
2-Nitroaniline
Concen: 44.992 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion: 65 Resp: 241585
Ion Ratio Lower Upper
65 100
92 74.2 50.6 75.8
138 121.1 76.7 115.1#





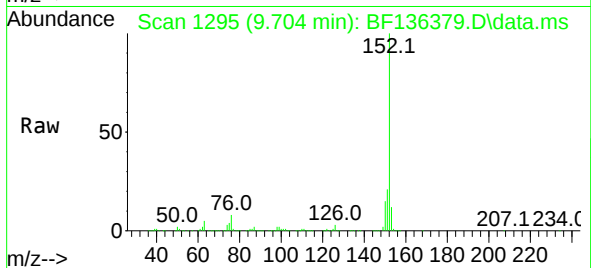
#49
Acenaphthylene
Concen: 44.592 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



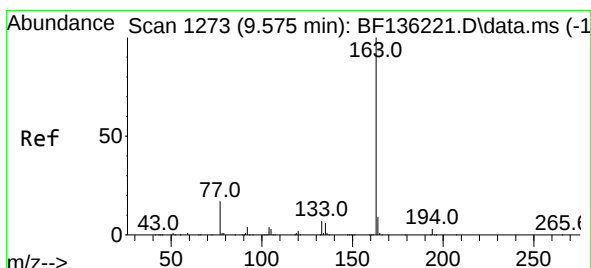
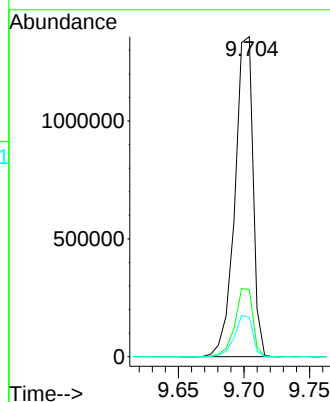
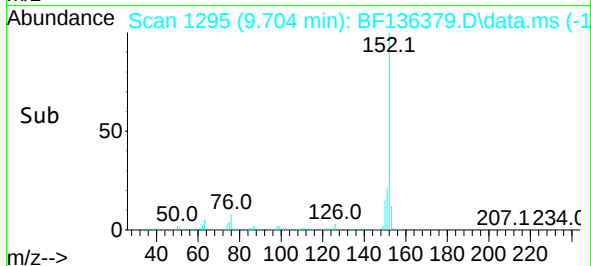
Tgt Ion:152 Resp: 1308745
Ion Ratio Lower Upper
152 100
151 21.0 17.5 26.3
153 12.3 9.6 14.4

Manual Integrations

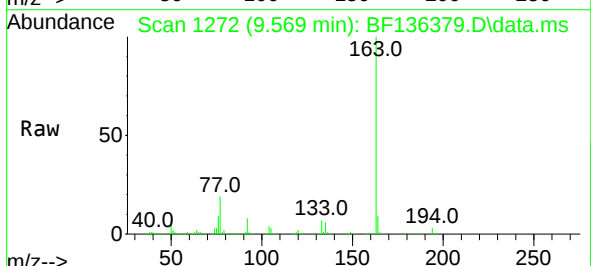
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

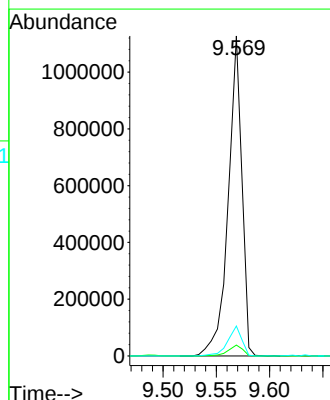
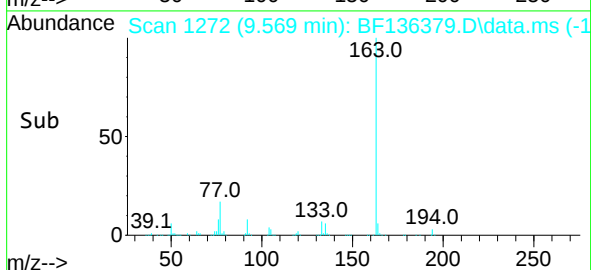
Supervised By :mohammad ahmed 12/05/2023

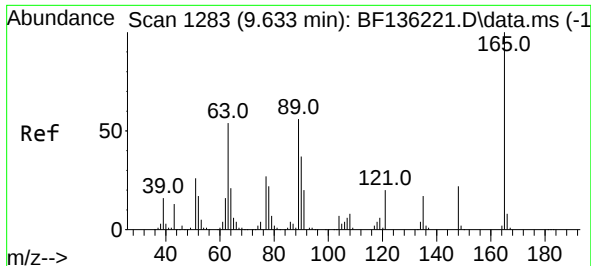


#50
Dimethylphthalate
Concen: 44.266 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



Tgt Ion:163 Resp: 1004752
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 9.4 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 46.937 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:165 Resp: 217649

Ion Ratio Lower Upper

165 100

63 57.4 46.2 69.2

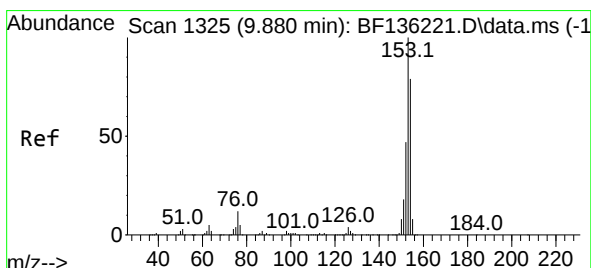
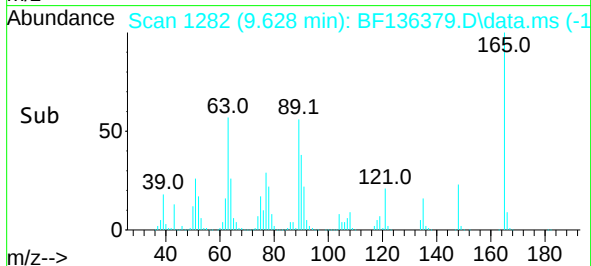
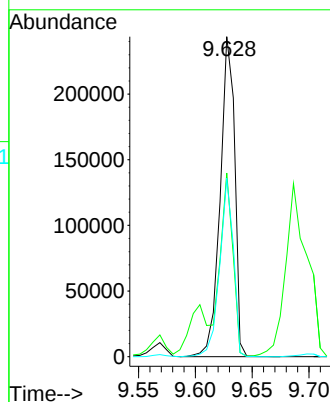
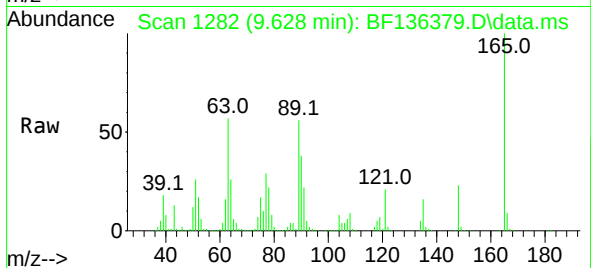
89 55.8 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#52

Acenaphthene

Concen: 42.002 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

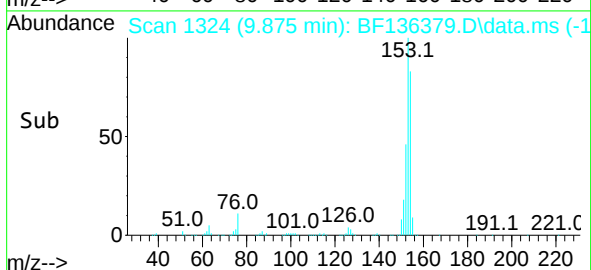
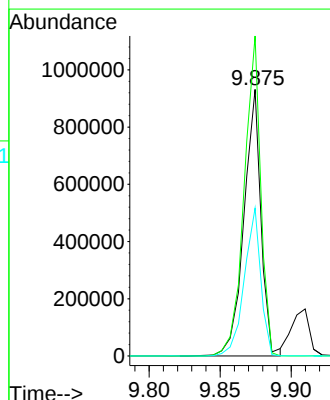
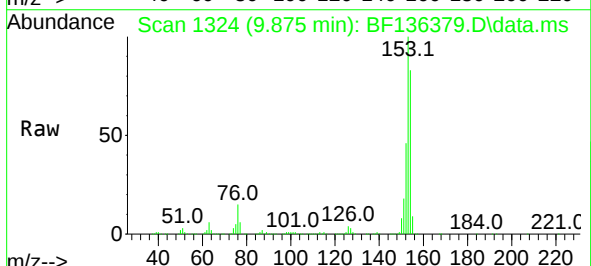
Tgt Ion:154 Resp: 779016

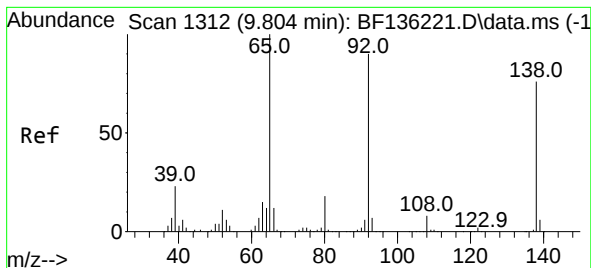
Ion Ratio Lower Upper

154 100

153 120.1 100.8 151.2

152 55.5 47.0 70.6





#53

3-Nitroaniline

Concen: 37.696 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136379.D

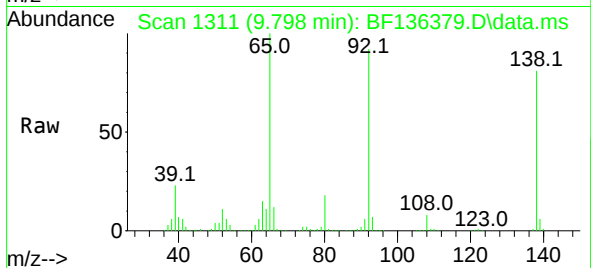
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:138 Resp: 17344

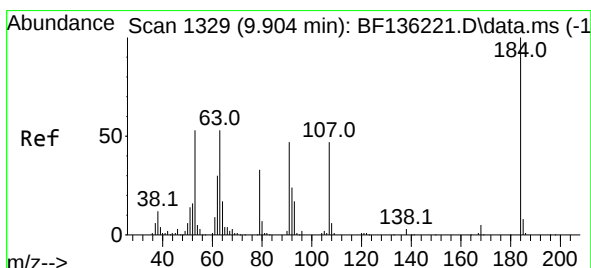
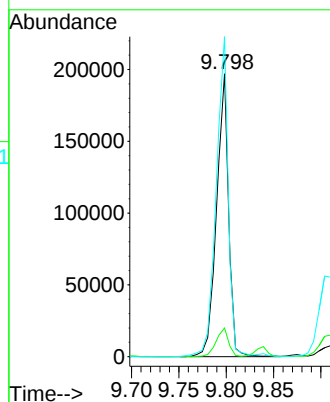
Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	113.1	94.2	141.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#54

2,4-Dinitrophenol

Concen: 115.463 ng

RT: 9.910 min Scan# 1330

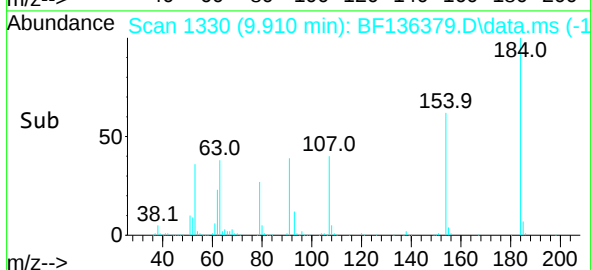
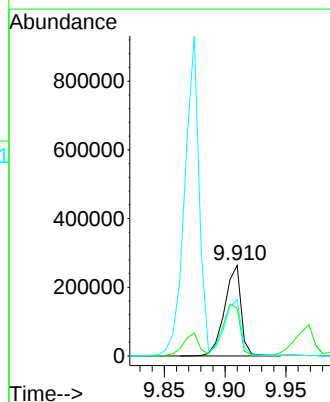
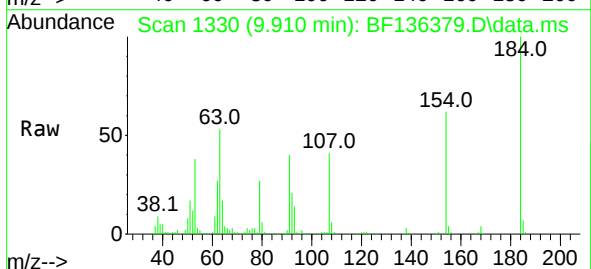
Delta R.T. 0.006 min

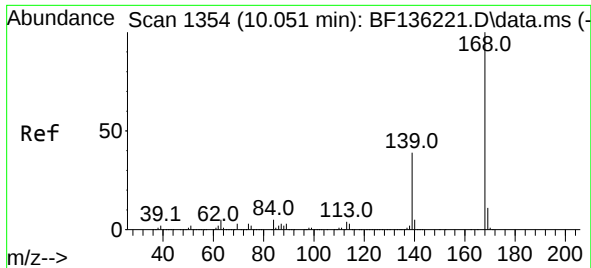
Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Tgt Ion:184 Resp: 249011

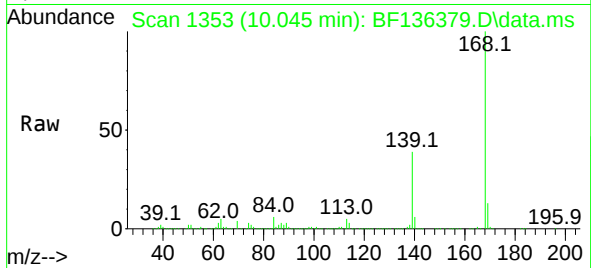
Ion	Ratio	Lower	Upper
184	100		
63	52.9	55.0	82.4#
154	62.3	54.9	82.3





#55
Dibenzenofuran
Concen: 42.317 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

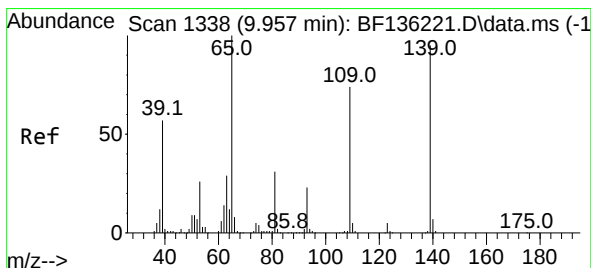
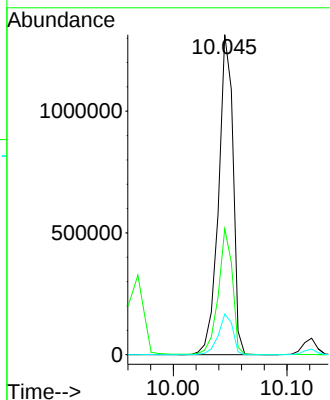
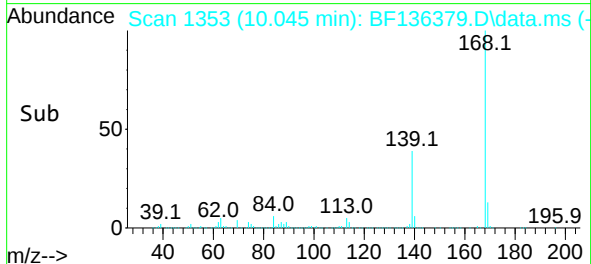
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:168 Resp: 116792
Ion Ratio Lower Upper
168 100
139 39.3 30.9 46.3
169 12.7 9.1 13.7

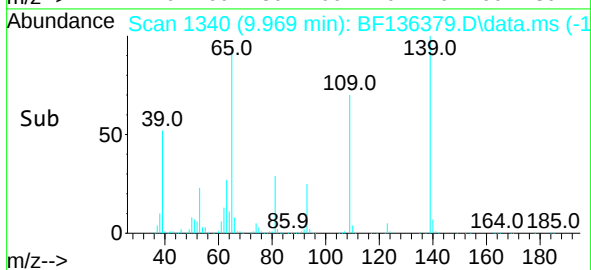
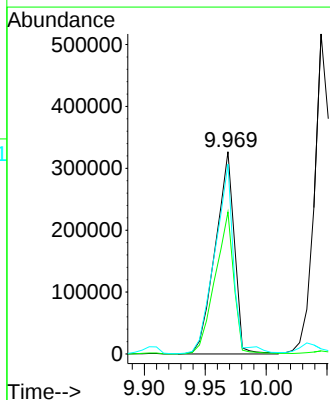
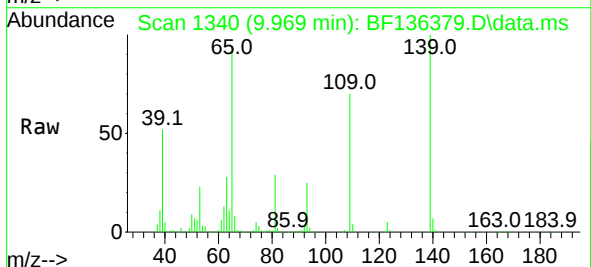
Manual Integrations
APPROVED

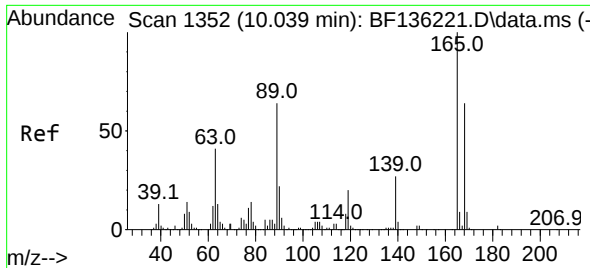
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#56
4-Nitrophenol
Concen: 102.007 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

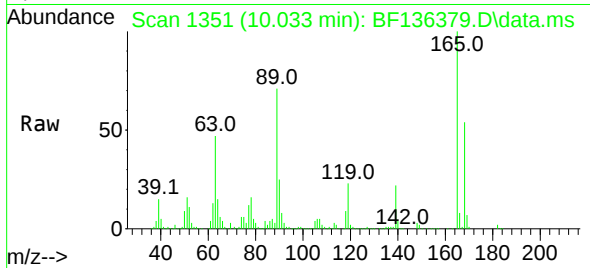
Tgt Ion:139 Resp: 356461
Ion Ratio Lower Upper
139 100
109 70.2 57.8 97.8
65 93.9 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 47.327 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

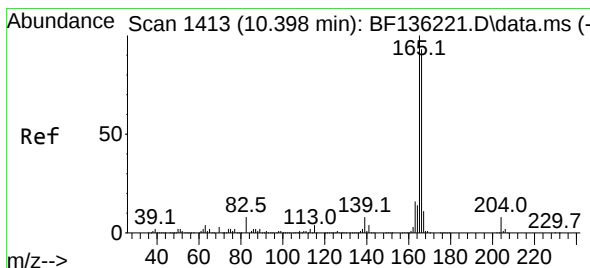
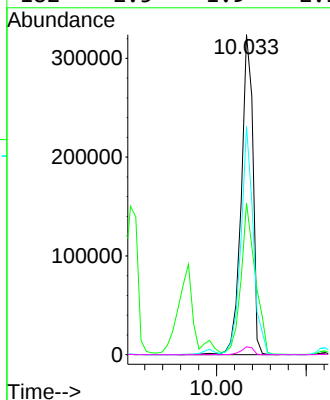
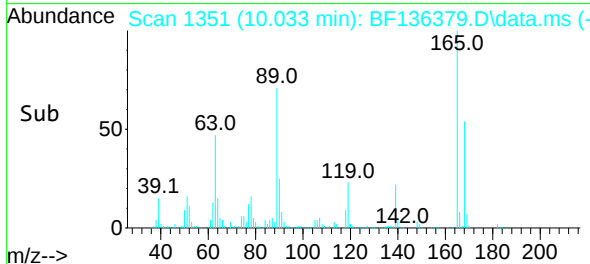
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:165 Resp: 29314
Ion Ratio Lower Upper
165 100
63 47.4 33.0 49.4
89 71.3 51.5 77.3
182 2.5 1.9 2.9

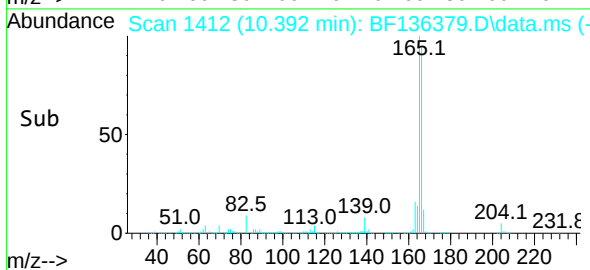
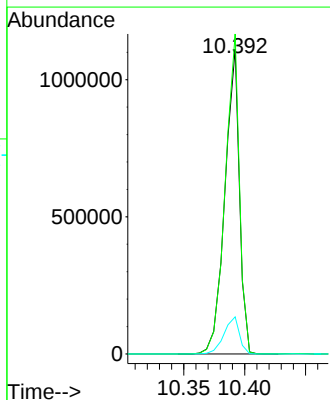
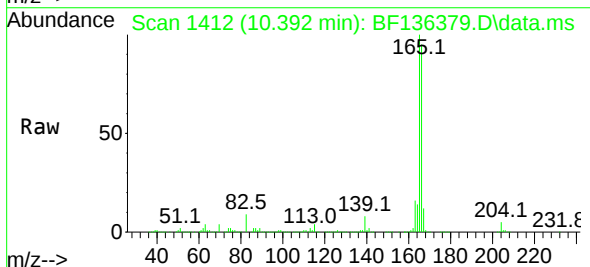
Manual Integrations
APPROVED

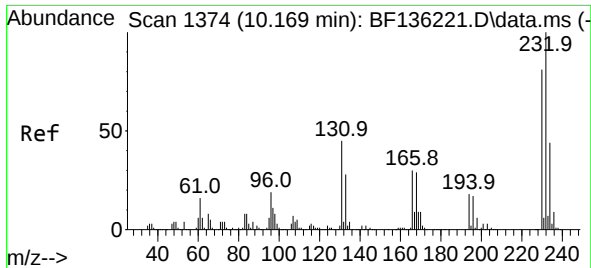
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#58
Fluorene
Concen: 42.623 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

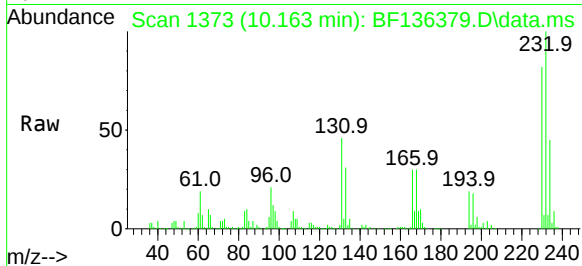
Tgt Ion:166 Resp: 922711
Ion Ratio Lower Upper
166 100
165 105.0 86.2 129.4
167 12.2 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.592 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

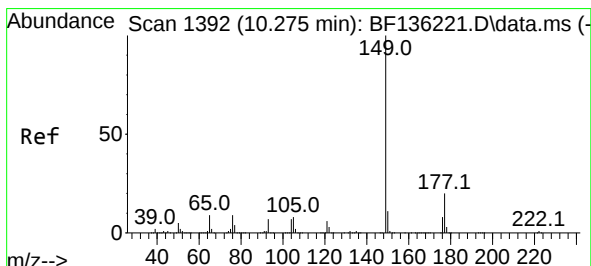
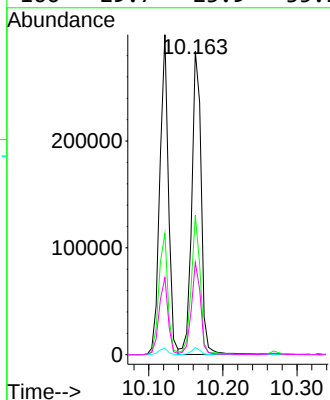
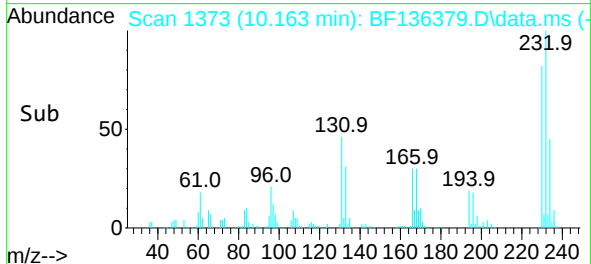
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:232 Resp: 250961
Ion Ratio Lower Upper
232 100
131 43.8 36.4 54.6
130 2.2 1.9 2.9
166 29.7 23.9 35.9

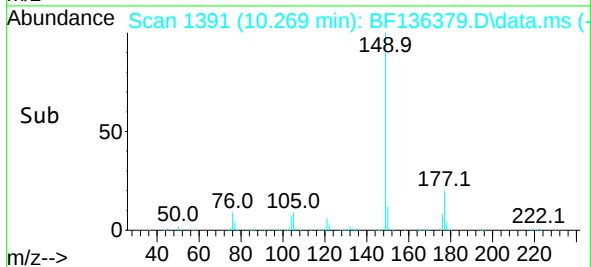
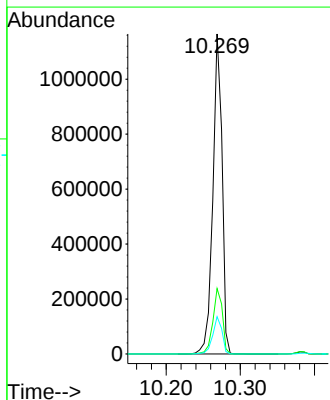
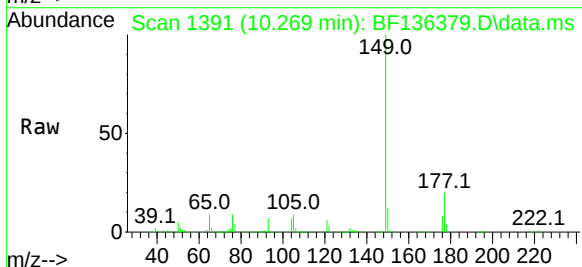
Manual Integrations
APPROVED

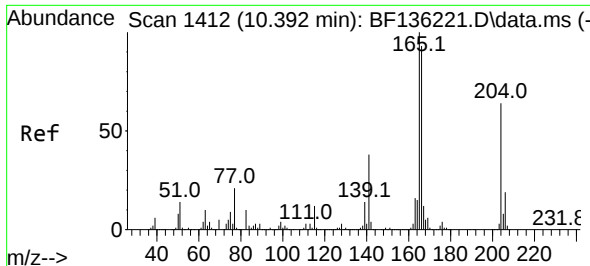
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

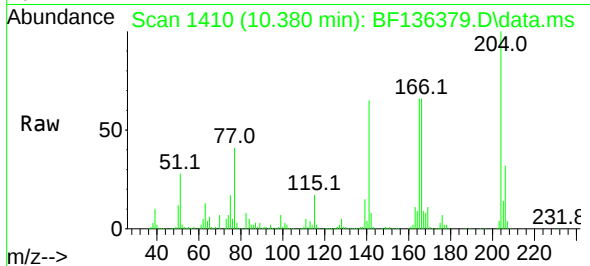
Tgt Ion:149 Resp: 998954
Ion Ratio Lower Upper
149 100
177 20.5 15.8 23.6
150 11.7 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 42.278 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

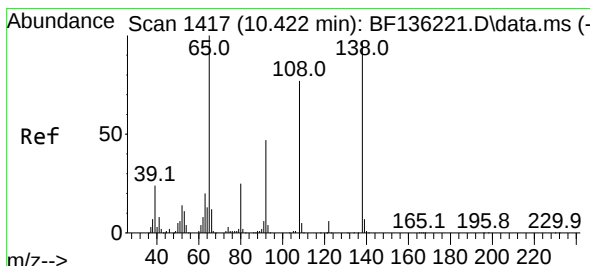
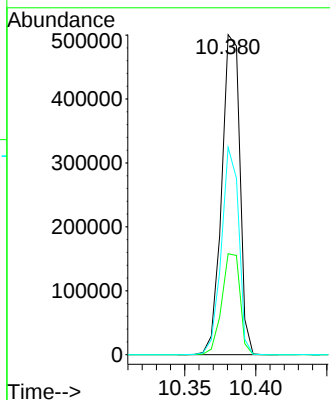
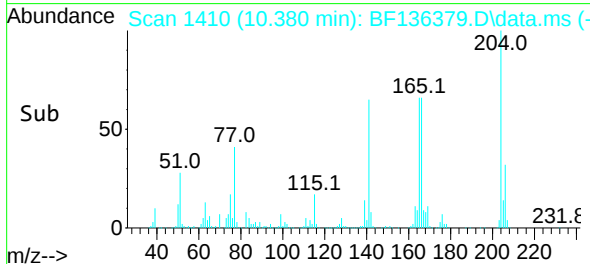
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



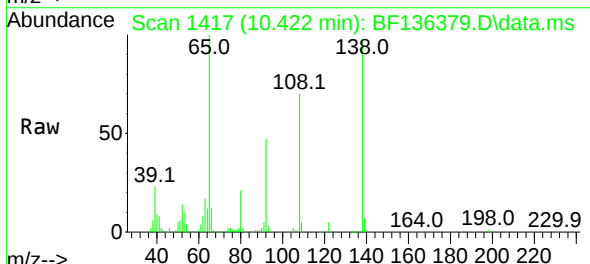
Tgt Ion:204 Resp: 444474
Ion Ratio Lower Upper
204 100
206 31.5 23.4 35.0
141 64.8 47.6 71.4

Manual Integrations
APPROVED

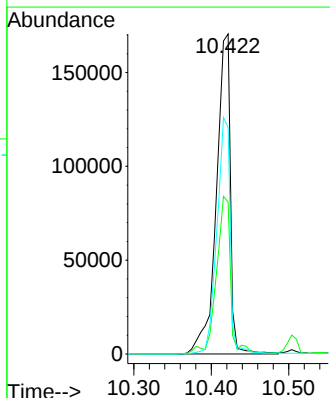
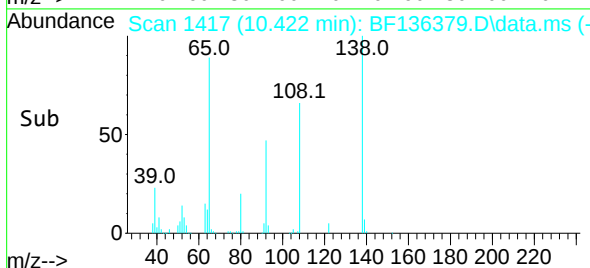
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

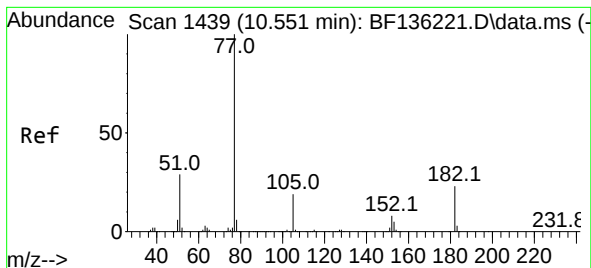


#62
4-Nitroaniline
Concen: 47.680 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



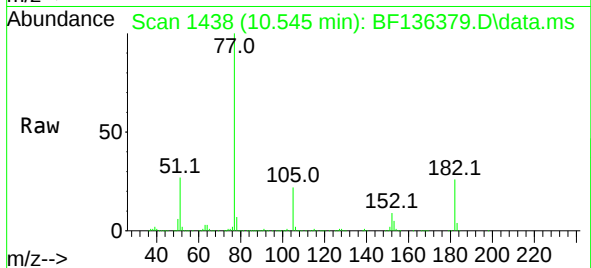
Tgt Ion:138 Resp: 214738
Ion Ratio Lower Upper
138 100
92 47.5 28.5 68.5
108 70.8 59.8 99.8





#63
Azobenzene
Concen: 41.991 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

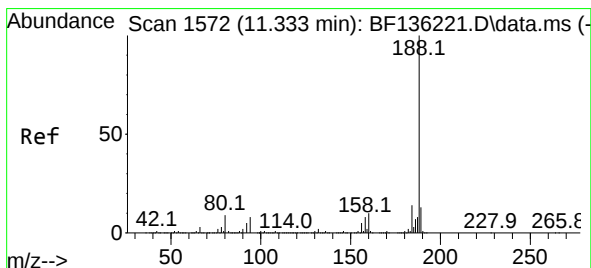
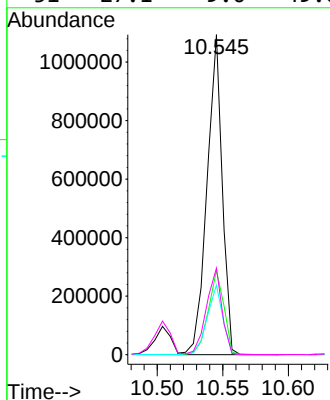
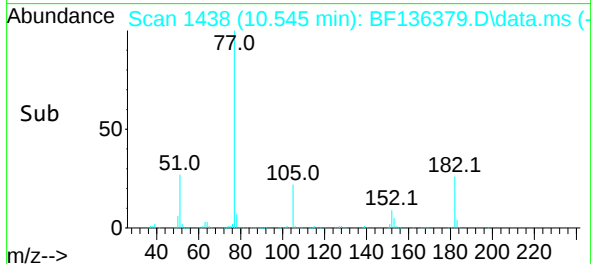
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



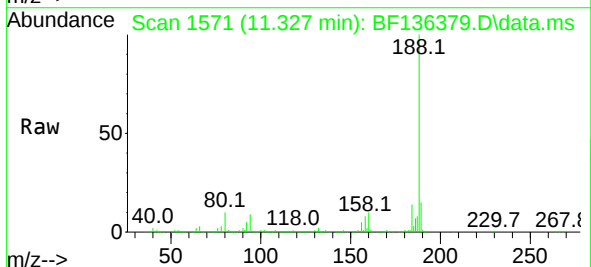
Tgt Ion: 77 Resp: 88388
Ion Ratio Lower Upper
77 100
182 26.3 3.3 43.3
105 21.8 0.0 39.5
51 27.1 9.0 49.0

Manual Integrations
APPROVED

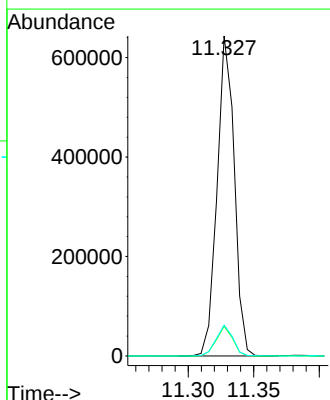
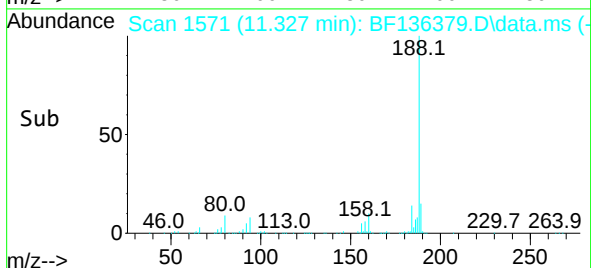
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

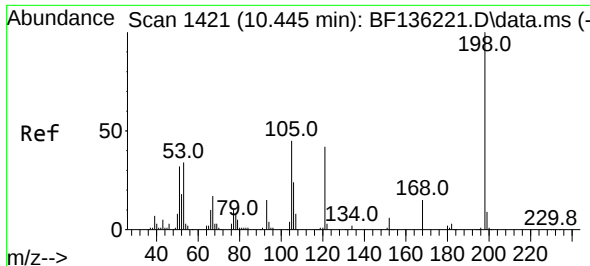


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



Tgt Ion:188 Resp: 585491
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.6 7.2 10.8





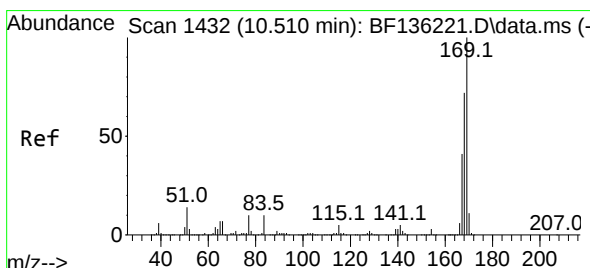
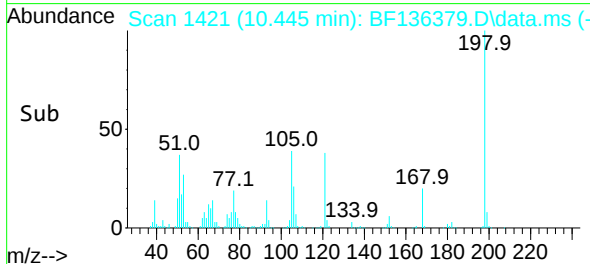
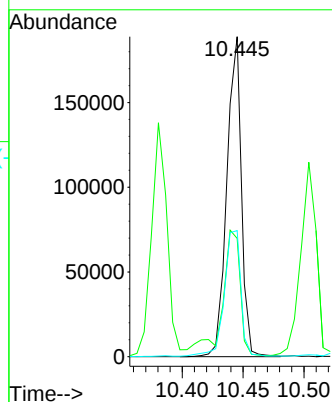
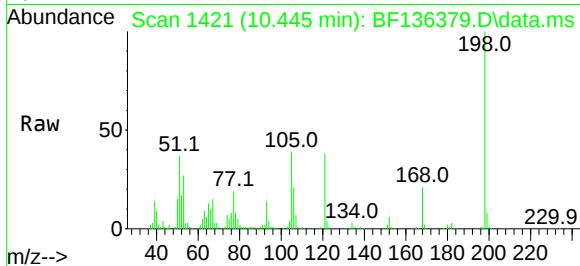
#65
4,6-Dinitro-2-methylphenol
Concen: 49.308 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:198 Resp: 15787
Ion Ratio Lower Upper
198 100
51 37.0 28.2 68.2
105 39.4 25.7 65.7

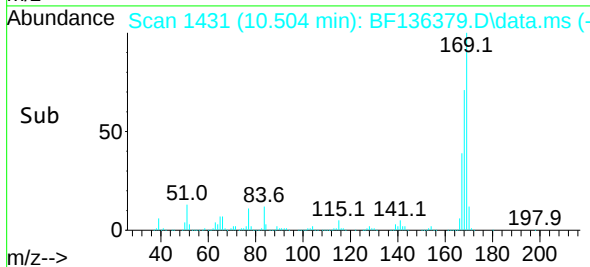
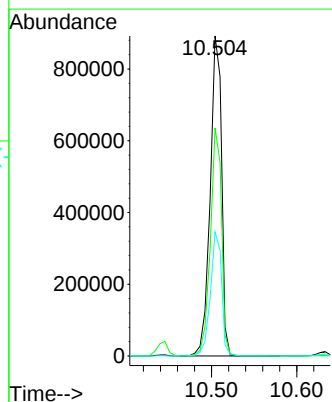
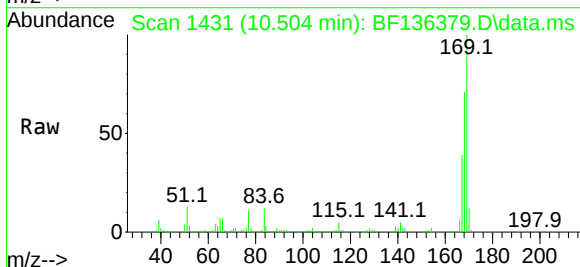
Manual Integrations
APPROVED

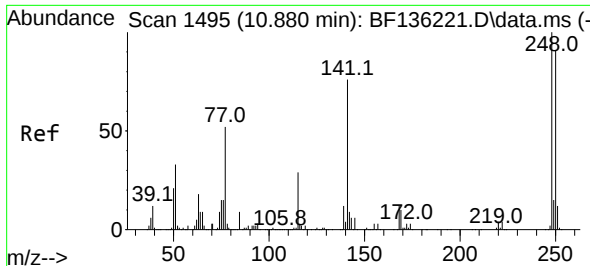
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#66
n-Nitrosodiphenylamine
Concen: 44.149 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

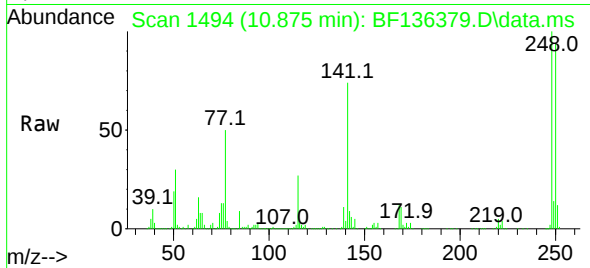
Tgt Ion:169 Resp: 828356
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 38.8 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 42.628 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

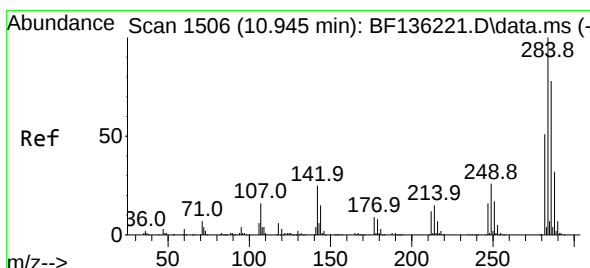
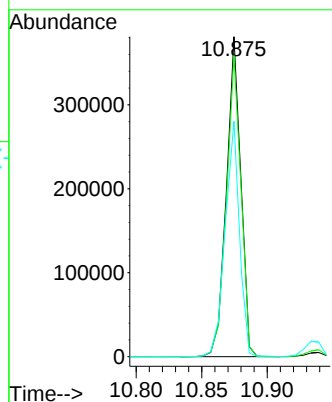
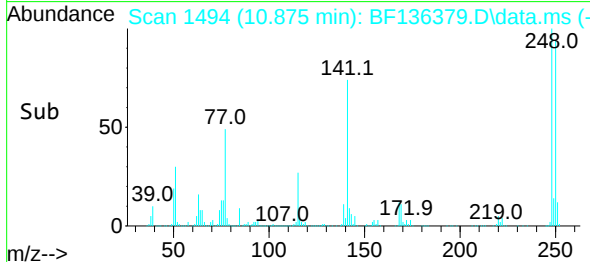
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



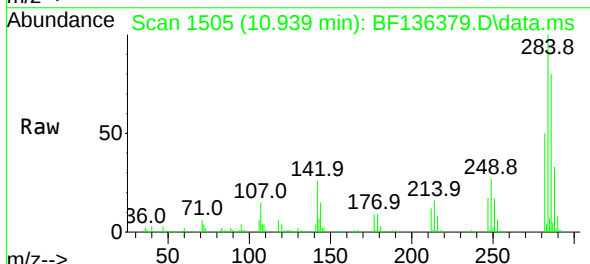
Tgt Ion:248 Resp: 291170
Ion Ratio Lower Upper
248 100
250 94.1 72.5 108.7
141 73.6 60.8 91.2

Manual Integrations
APPROVED

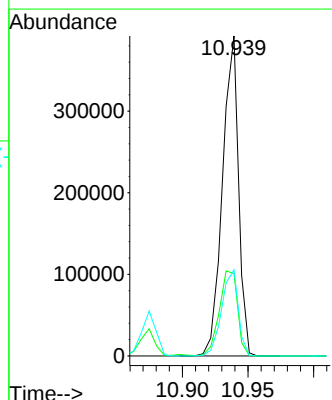
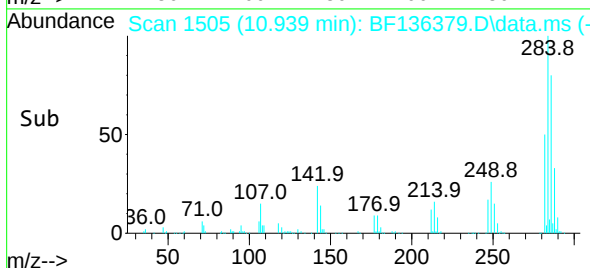
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

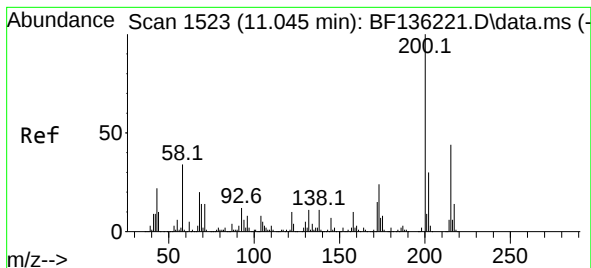


#68
Hexachlorobenzene
Concen: 42.078 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



Tgt Ion:284 Resp: 332654
Ion Ratio Lower Upper
284 100
142 25.7 19.8 29.8
249 27.0 21.0 31.4





#69

Atrazine

Concen: 49.080 ng

RT: 11.039 min Scan# 11039

Delta R.T. 0.006 min

Lab File: BF136379.D

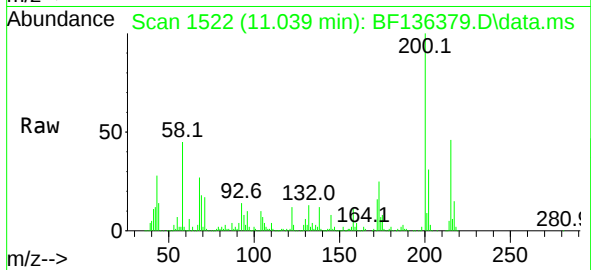
Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:200 Resp: 273170

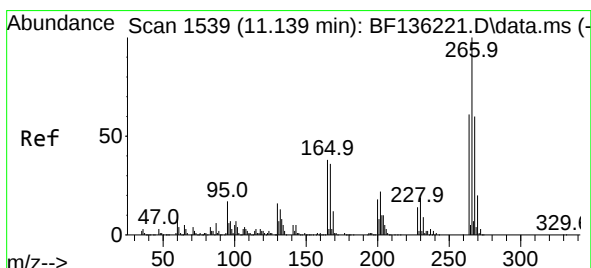
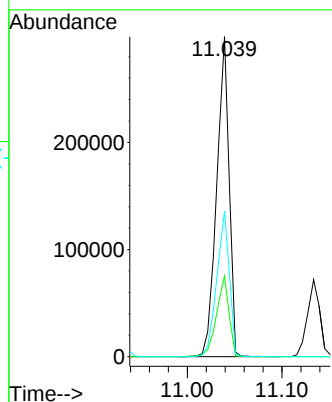
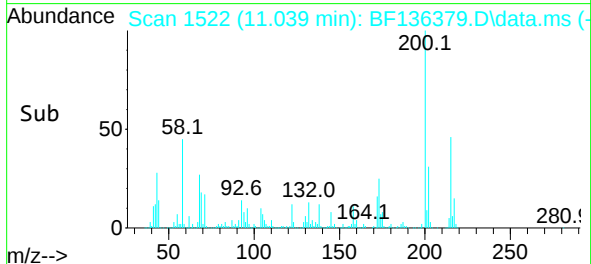
Ion	Ratio	Lower	Upper
200	100		
173	25.2	4.3	44.3
215	45.6	23.8	63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#70

Pentachlorophenol

Concen: 81.185 ng

RT: 11.133 min Scan# 1538

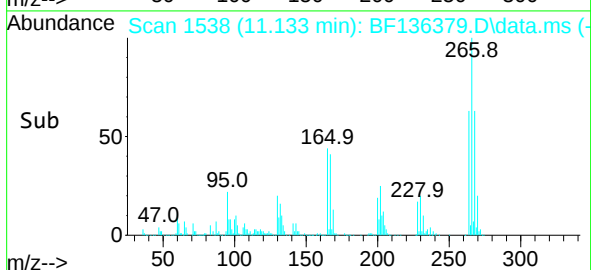
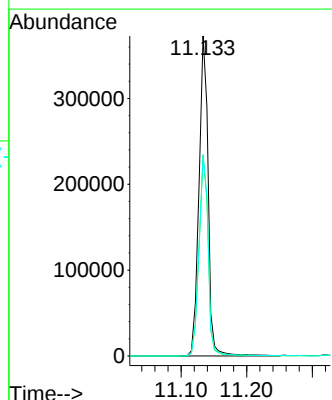
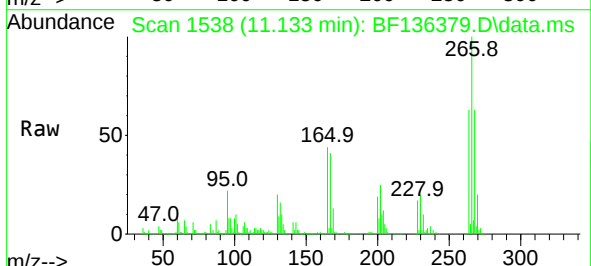
Delta R.T. 0.000 min

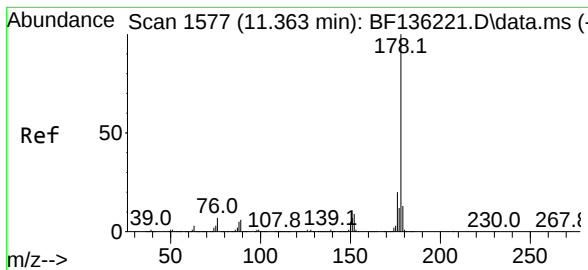
Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Tgt Ion:266 Resp: 362791

Ion	Ratio	Lower	Upper
266	100		
268	62.6	47.9	71.9
264	63.0	49.1	73.7





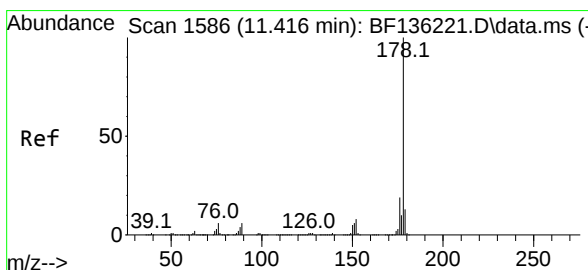
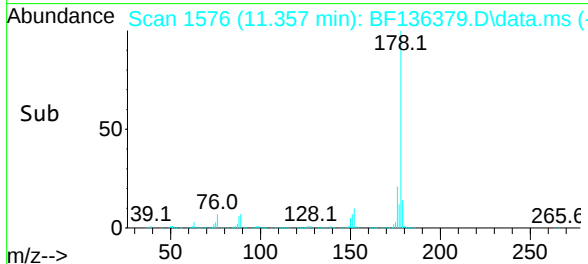
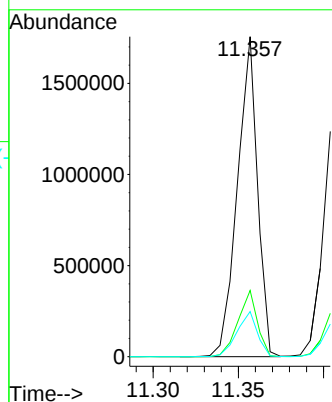
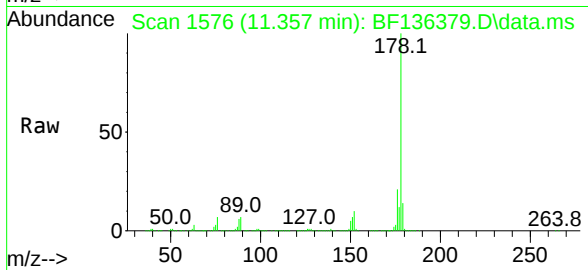
#71
Phenanthrene
Concen: 43.811 ng
RT: 11.357 min Scan# 11357
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:178 Resp: 1441700
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 14.1 10.3 15.5

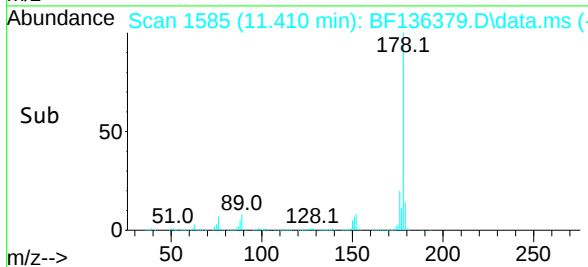
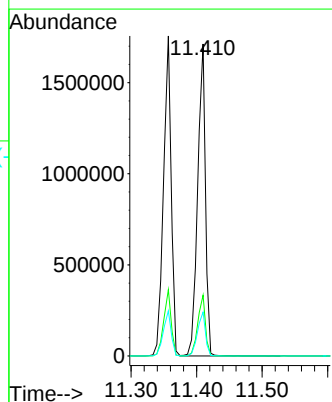
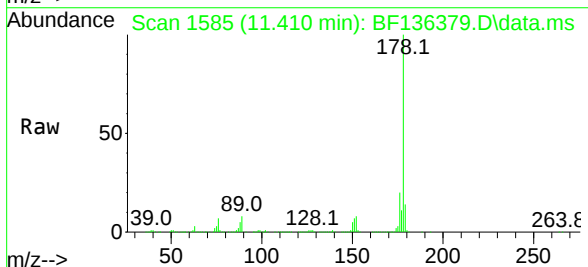
Manual Integrations
APPROVED

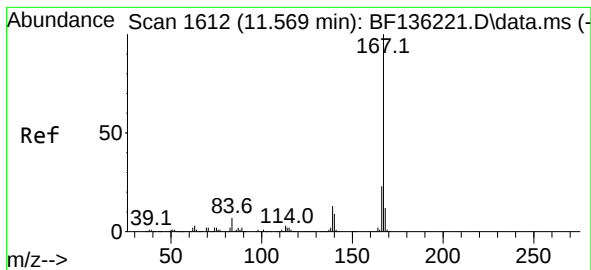
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#72
Anthracene
Concen: 42.965 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

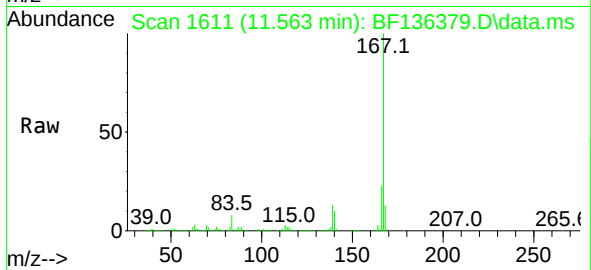
Tgt Ion:178 Resp: 1417863
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 14.1 10.5 15.7





#73
 Carbazole
 Concen: 43.629 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF136379.D
 Acq: 04 Dec 2023 13:42

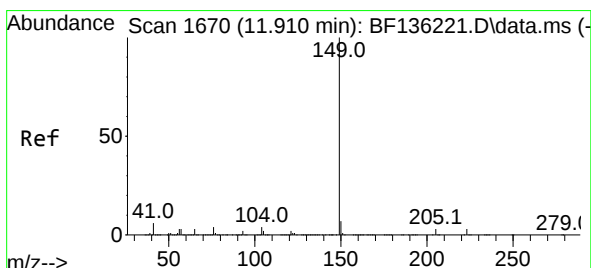
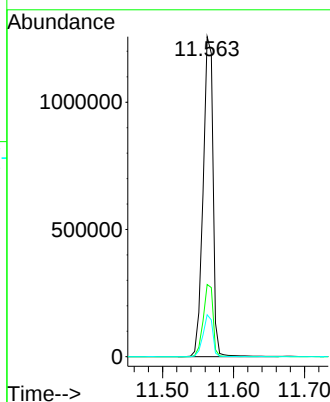
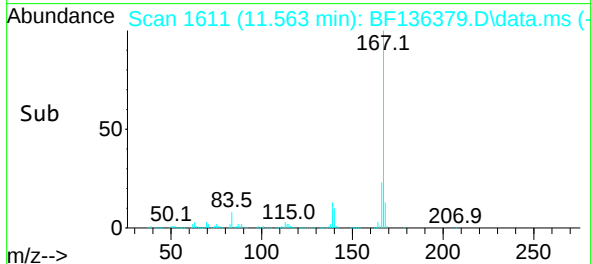
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



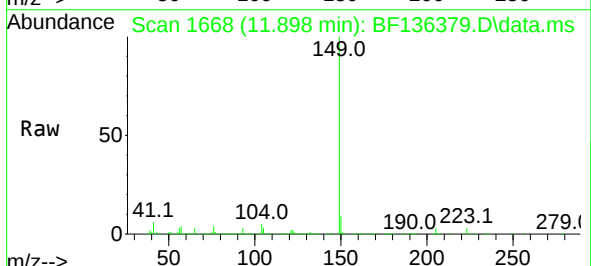
Tgt Ion:167 Resp: 1224530
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

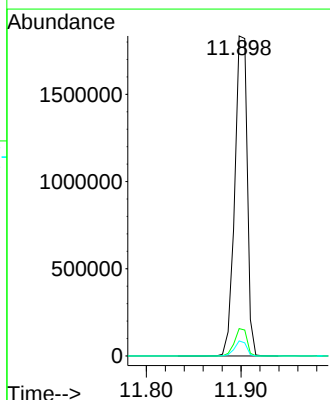
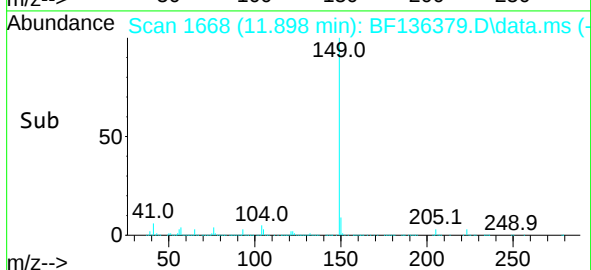
Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

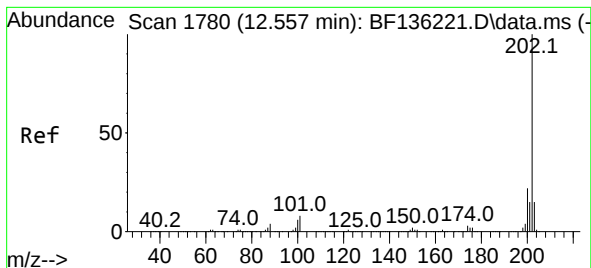


#74
 Di-n-butylphthalate
 Concen: 47.729 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: BF136379.D
 Acq: 04 Dec 2023 13:42



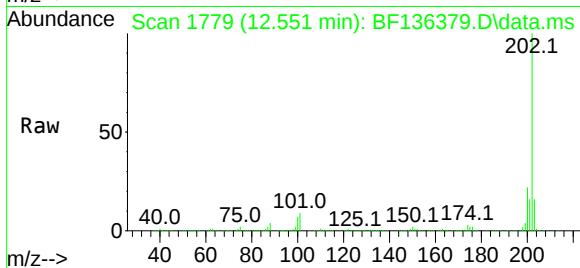
Tgt Ion:149 Resp: 1676140
 Ion Ratio Lower Upper
 149 100
 150 8.6 6.0 9.0
 104 4.7 3.5 5.3





#75
Fluoranthene
Concen: 42.673 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

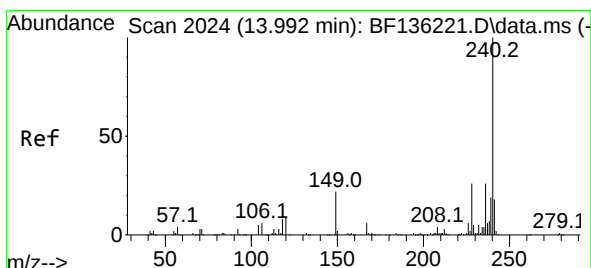
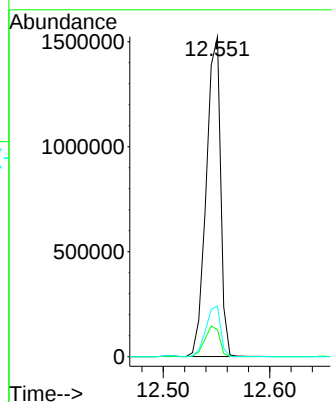
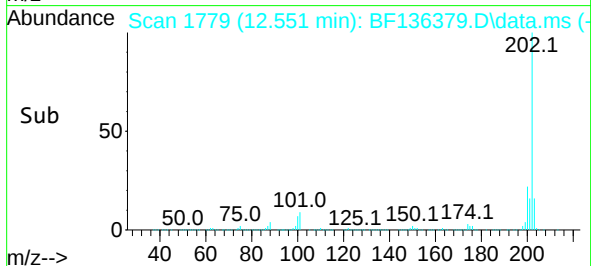
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



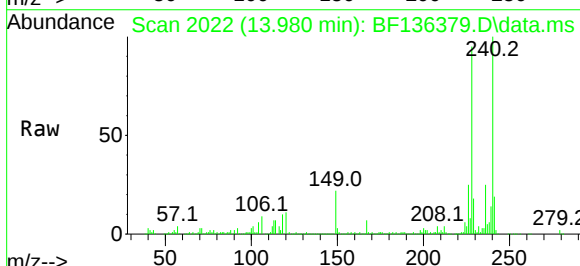
Tgt Ion:202 Resp: 142554
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.8
203 15.8 0.0 34.5

Manual Integrations
APPROVED

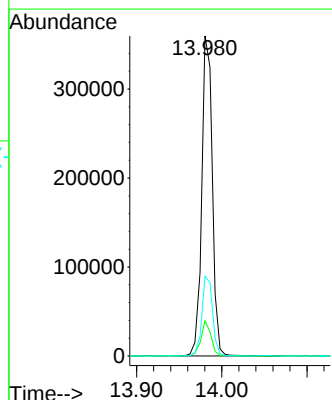
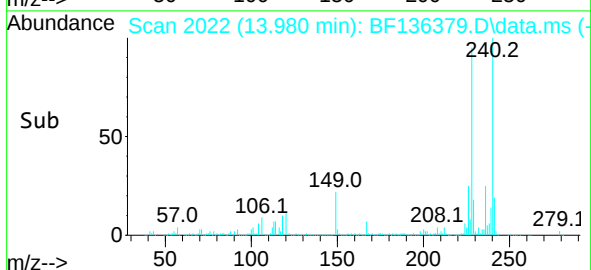
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

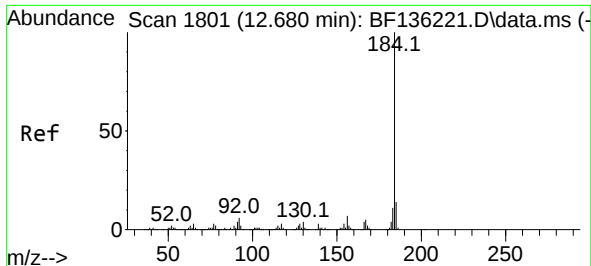


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



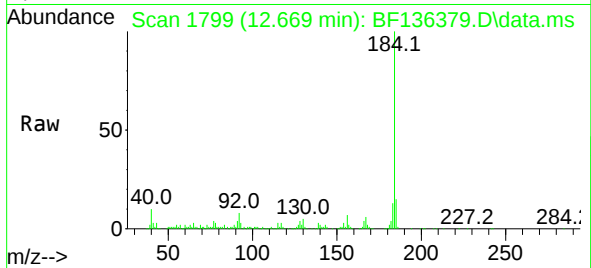
Tgt Ion:240 Resp: 310736
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.2
236 24.9 21.1 31.7





#77
Benzidine
Concen: 23.553 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

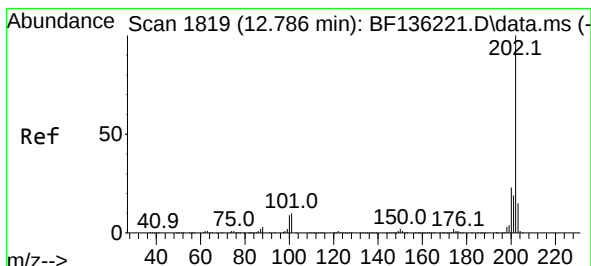
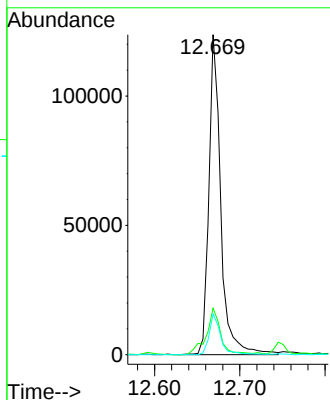
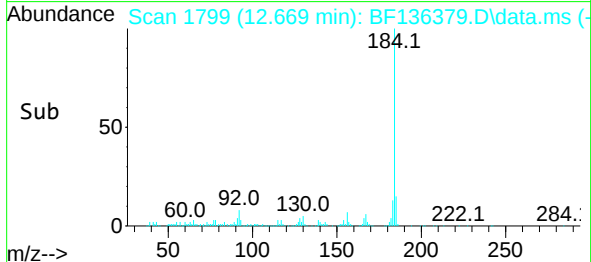
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



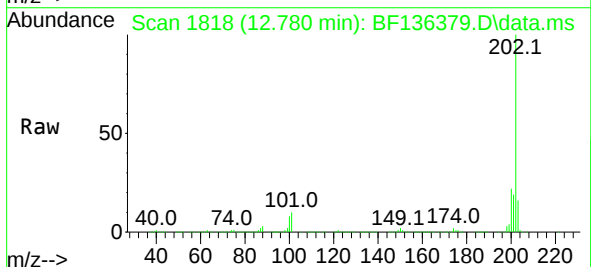
Tgt Ion:184 Resp: 120310
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.6
183 12.7 9.0 13.4

Manual Integrations
APPROVED

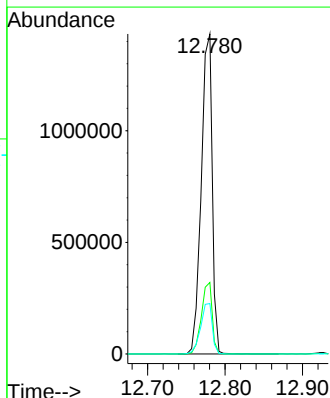
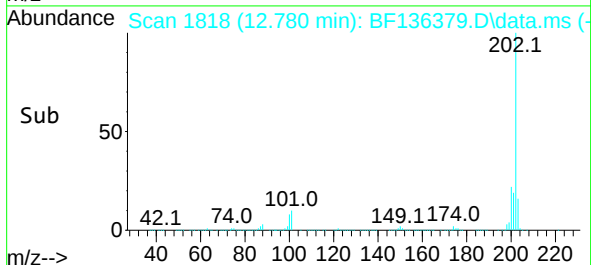
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

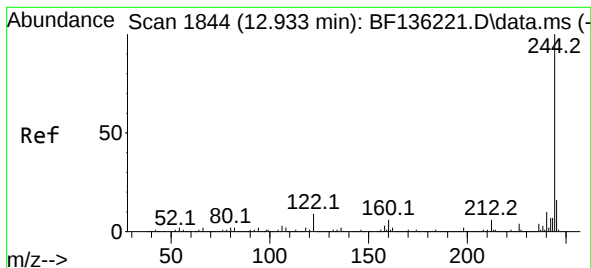


#78
Pyrene
Concen: 41.347 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42



Tgt Ion:202 Resp: 1407085
Ion Ratio Lower Upper
202 100
200 22.4 18.4 27.6
203 15.8 11.8 17.6





#79

Terphenyl-d14

Concen: 62.974 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:244 Resp: 169643

Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

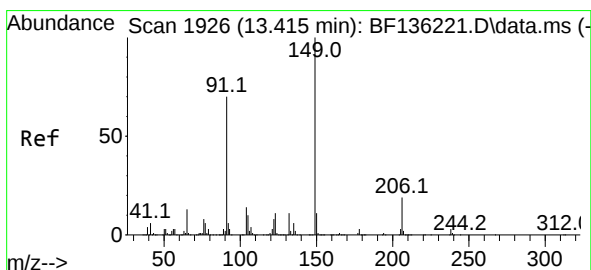
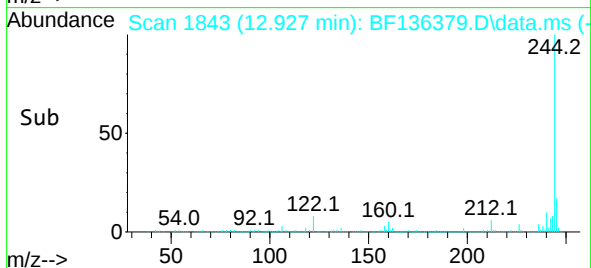
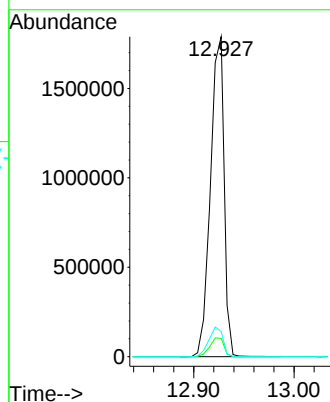
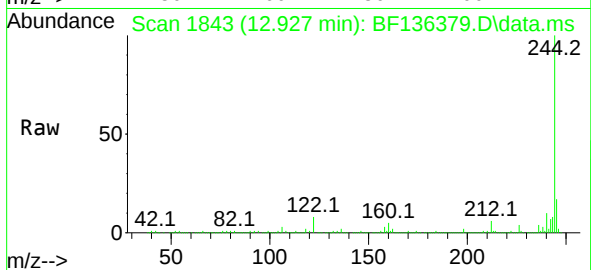
122 7.8 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#80

Butylbenzylphthalate

Concen: 54.049 ng

RT: 13.404 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

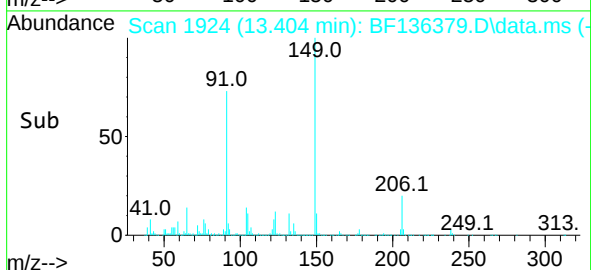
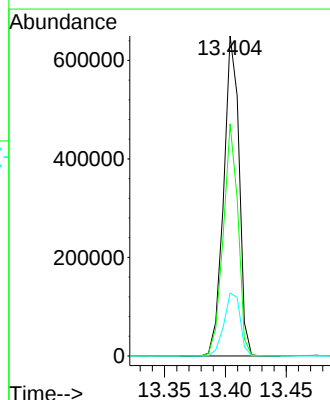
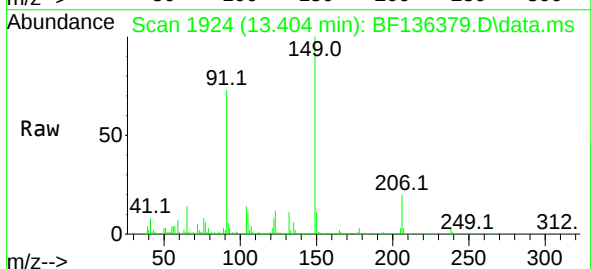
Tgt Ion:149 Resp: 572444

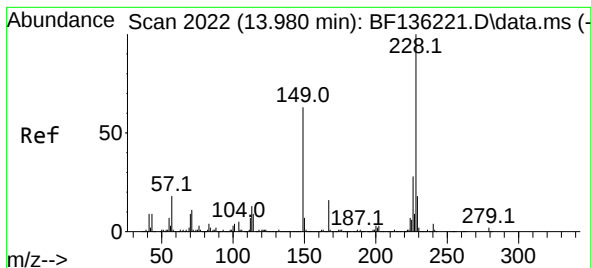
Ion Ratio Lower Upper

149 100

91 72.5 56.4 84.6

206 19.7 14.8 22.2





#81

Benzo(a)anthracene

Concen: 41.347 ng

RT: 13.974 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 95430

Ion Ratio Lower Upper

228 100

226 27.6 22.6 34.0

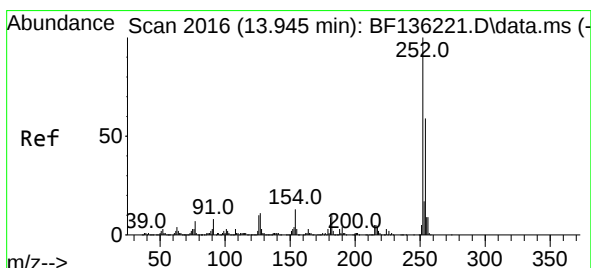
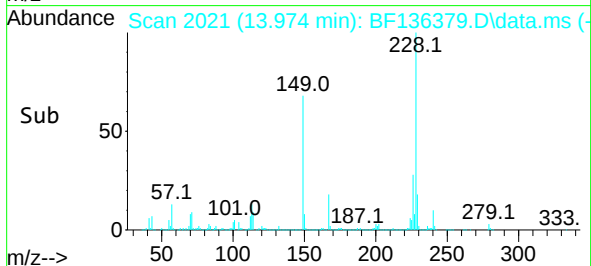
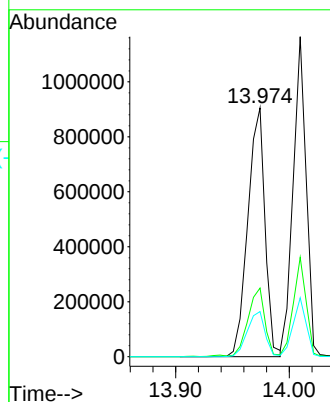
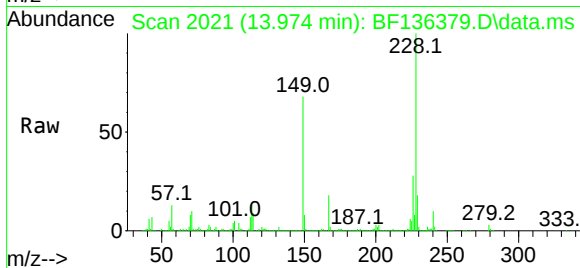
229 18.1 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#82

3,3'-Dichlorobenzidine

Concen: 48.443 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

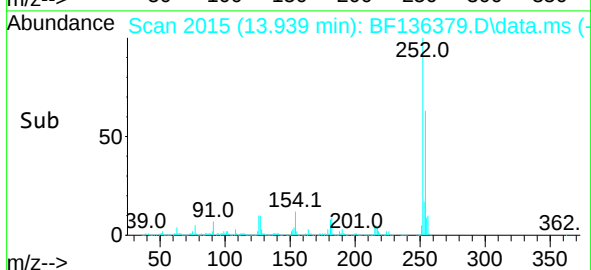
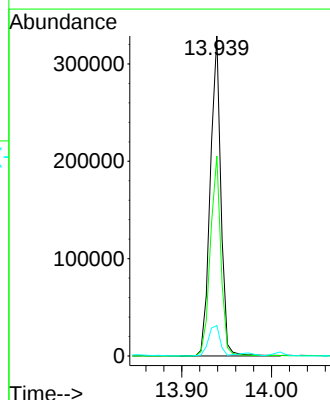
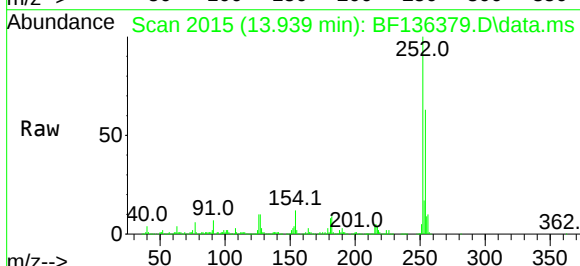
Tgt Ion:252 Resp: 269139

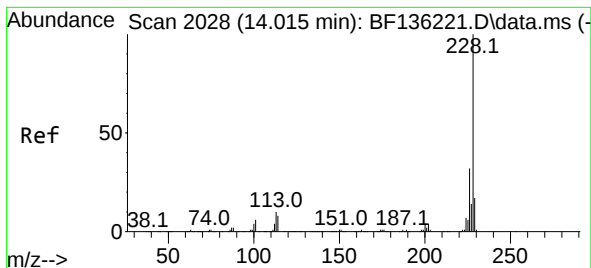
Ion Ratio Lower Upper

252 100

254 62.5 47.4 71.2

126 9.5 8.3 12.5





#83

Chrysene

Concen: 42.000 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 935968

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

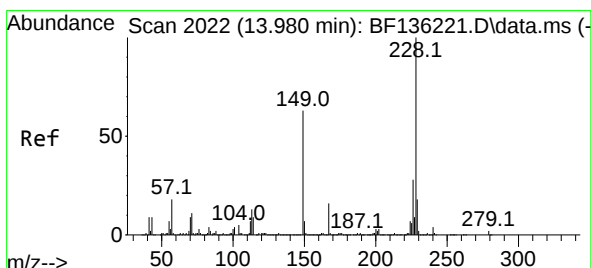
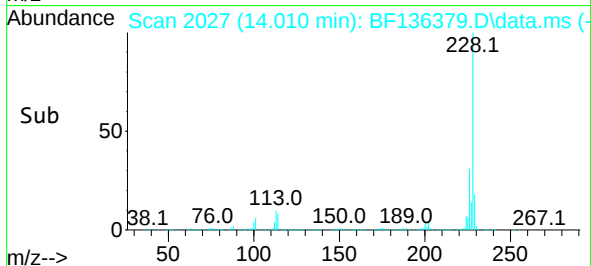
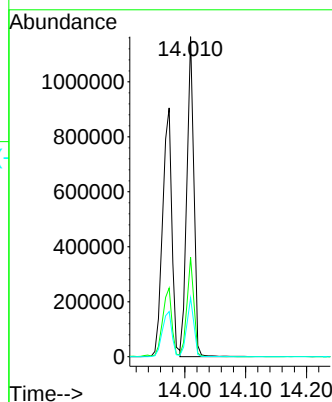
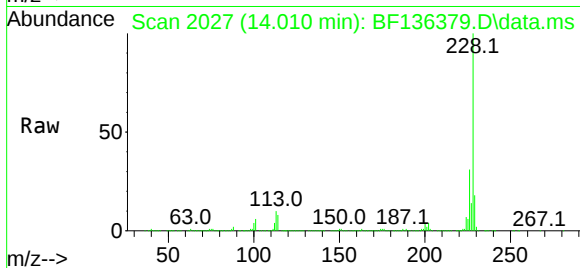
229 18.4 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.033 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

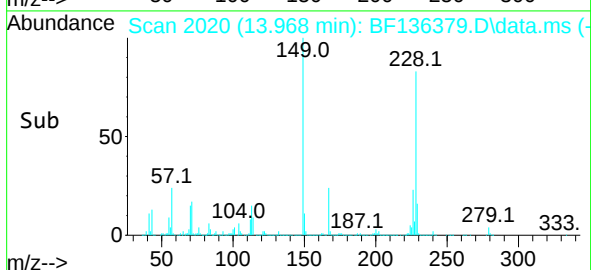
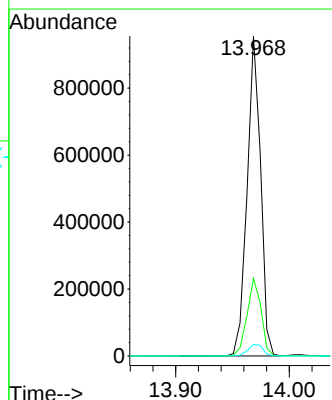
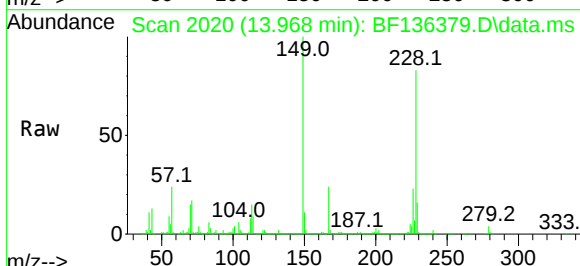
Tgt Ion:149 Resp: 788493

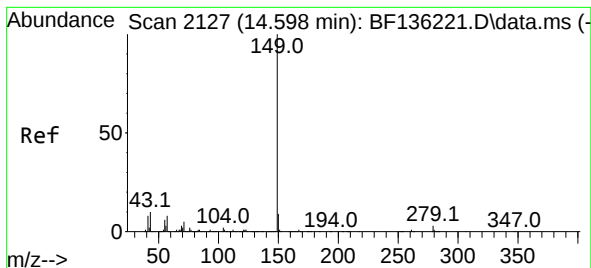
Ion Ratio Lower Upper

149 100

167 24.2 20.2 30.2

279 3.6 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 58.791 ng

RT: 14.586 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:149 Resp: 124053

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

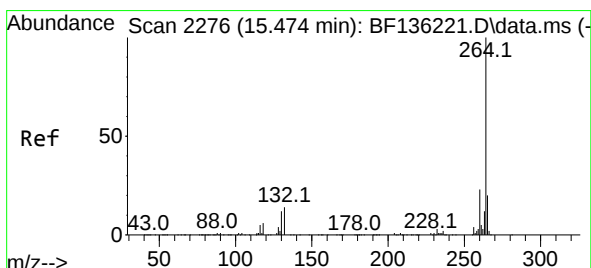
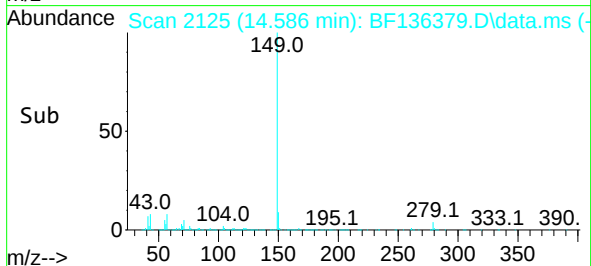
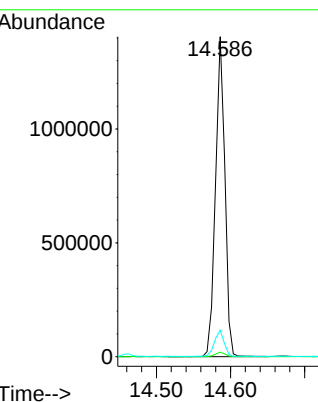
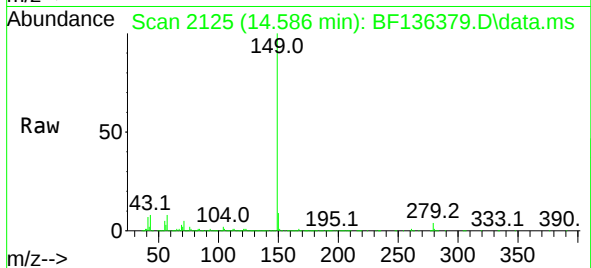
43 8.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

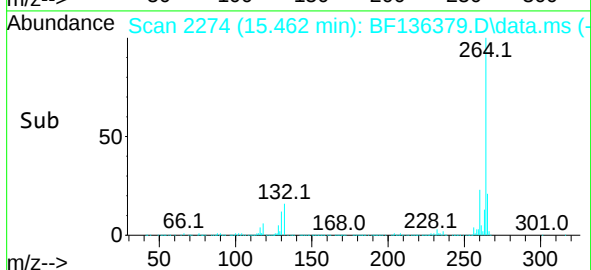
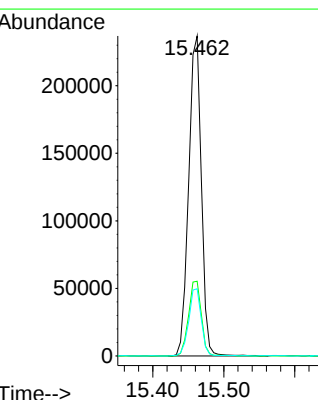
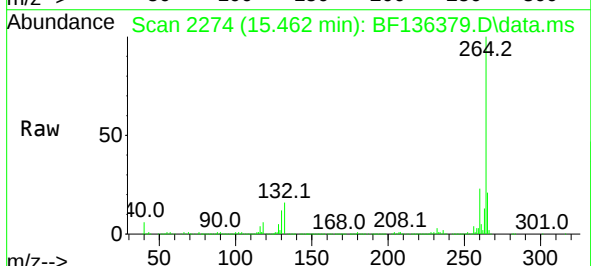
Tgt Ion:264 Resp: 295014

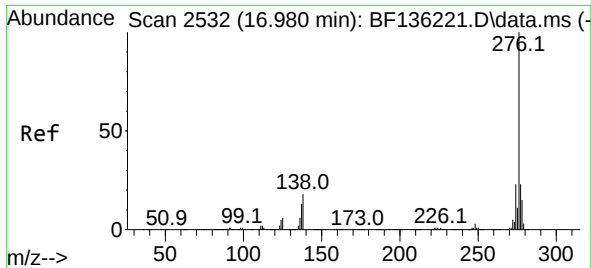
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

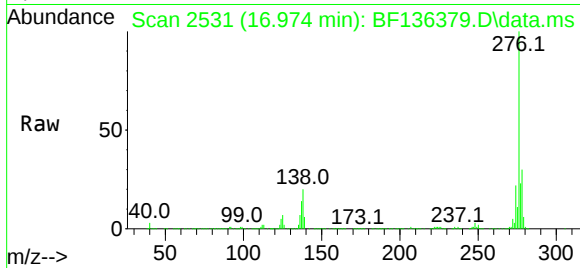
265 21.0 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.089 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

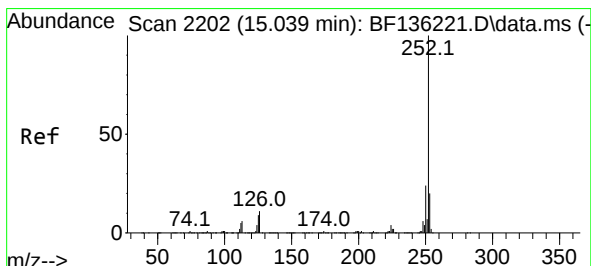
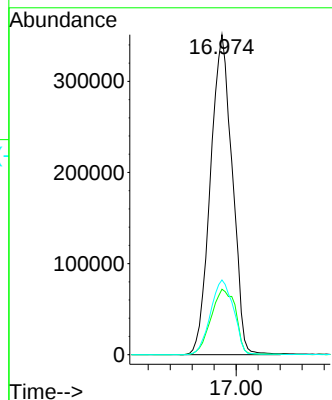
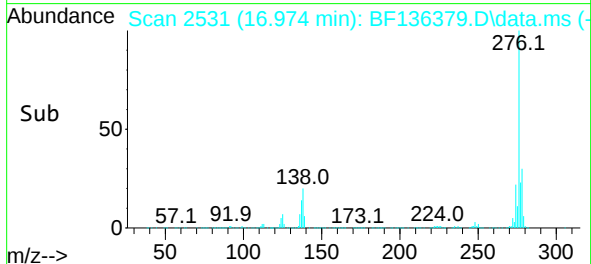
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:276 Resp: 96713
Ion Ratio Lower Upper
276 100
138 23.1 17.7 26.5
277 24.9 19.6 29.4

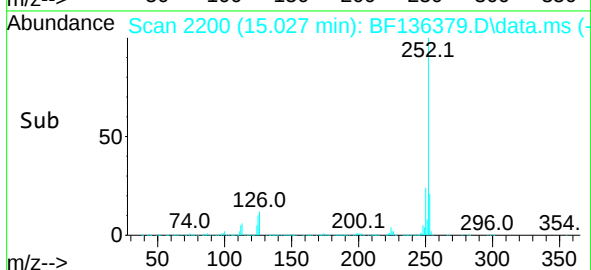
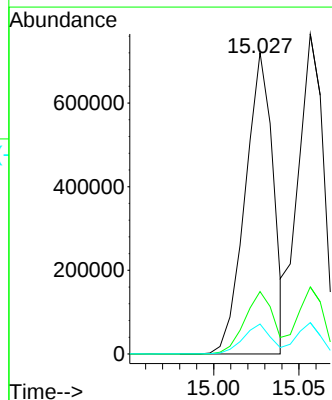
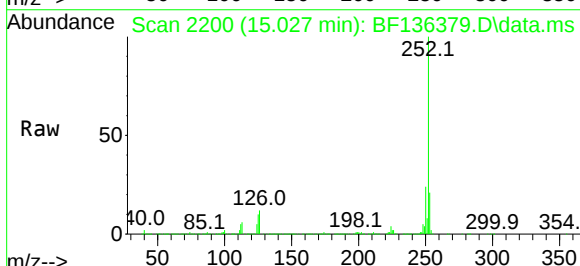
Manual Integrations
APPROVED

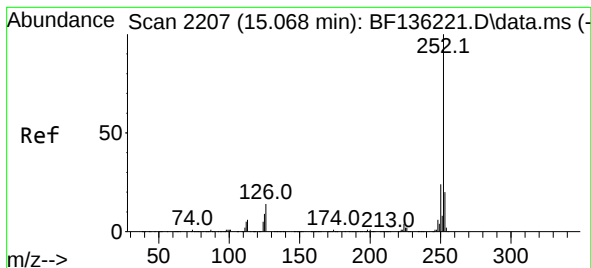
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#88
Benzo(b)fluoranthene
Concen: 39.770 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:252 Resp: 823141
Ion Ratio Lower Upper
252 100
253 20.7 16.2 24.2
125 9.9 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 40.493 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:252 Resp: 796018

Ion Ratio Lower Upper

252 100

253 21.0 15.6 23.4

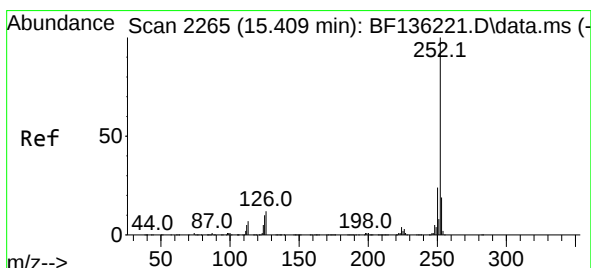
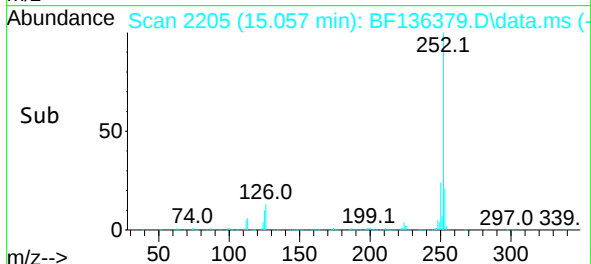
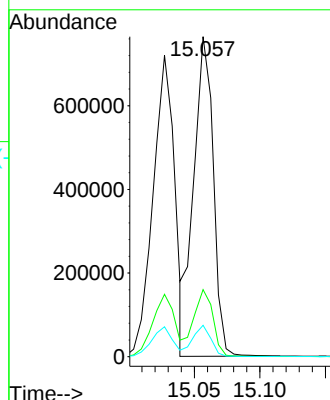
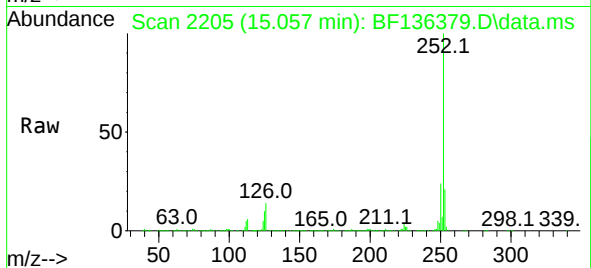
125 9.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#90

Benzo(a)pyrene

Concen: 42.141 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF136379.D

Acq: 04 Dec 2023 13:42

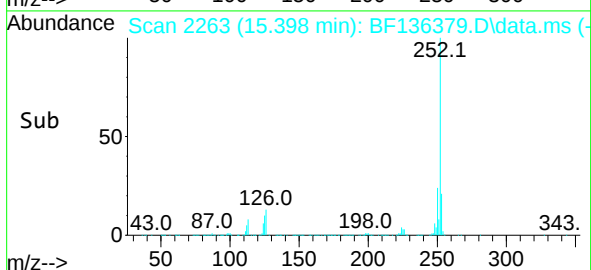
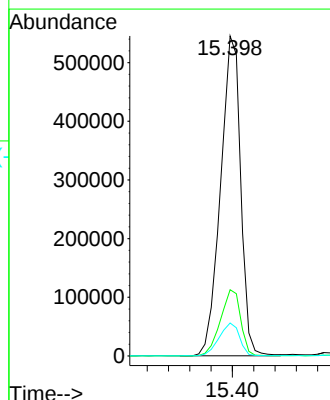
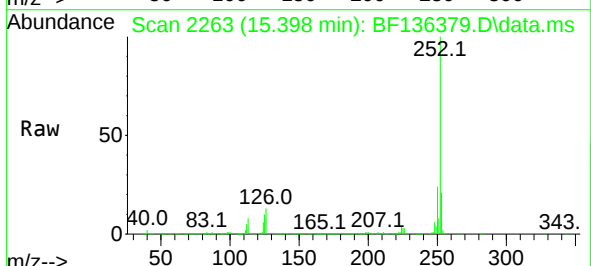
Tgt Ion:252 Resp: 713024

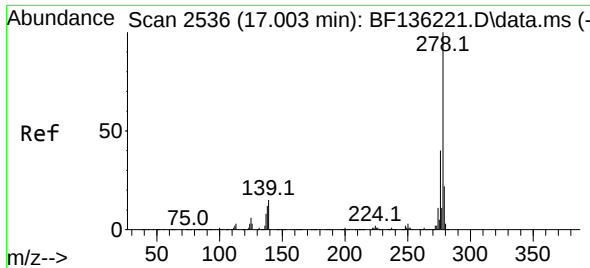
Ion Ratio Lower Upper

252 100

253 20.7 15.5 23.3

125 10.3 7.9 11.9





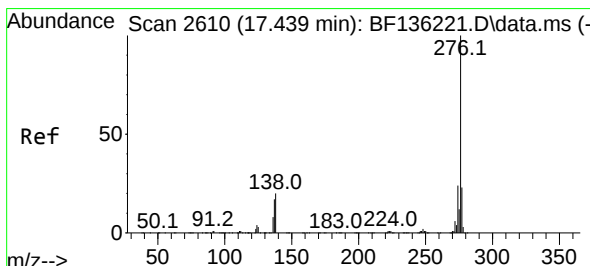
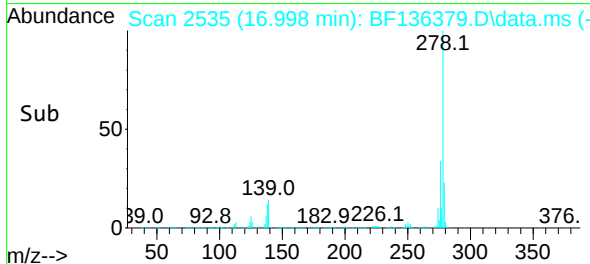
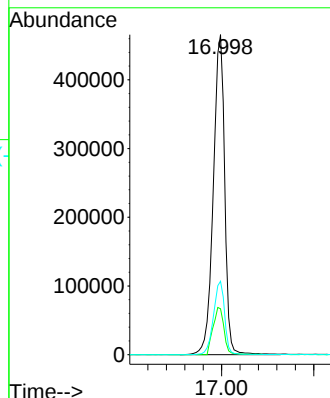
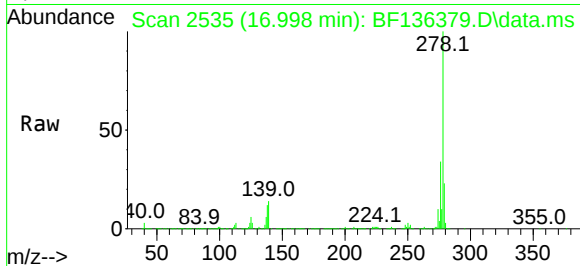
#91
Dibenzo(a,h)anthracene
Concen: 45.421 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:278 Resp: 80117
Ion Ratio Lower Upper
278 100
139 14.3 11.7 17.5
279 23.0 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#92
Benzo(g,h,i)perylene
Concen: 43.781 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.012 min
Lab File: BF136379.D
Acq: 04 Dec 2023 13:42

Tgt Ion:276 Resp: 774454
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 20.2 15.8 23.8

