

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137576.D
 Acq On : 13 Mar 2024 14:46
 Operator : CG\JU
 Sample : P1725-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

Quant Time: Mar 13 15:48:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	213754	20.000	ng	0.01
21) Naphthalene-d8	8.181	136	857929	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	474142	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	742236	20.000	ng	0.00
76) Chrysene-d12	14.104	240	430728	20.000	ng	0.00
86) Perylene-d12	15.657	264	499010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1236152	87.587	ng	0.02
7) Phenol-d6	6.563	99	1708931	83.885	ng	0.00
23) Nitrobenzene-d5	7.475	82	1072609	58.091	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	378343	90.865	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1691070	55.830	ng	0.00
79) Terphenyl-d14	13.039	244	1554339	49.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	264181	34.233	ng	100
3) Pyridine	3.652	79	637521	34.254	ng	99
4) n-Nitrosodimethylamine	3.634	42	291025	39.347	ng	96
6) Aniline	6.587	93	559191	22.464	ng	98
8) 2-Chlorophenol	6.704	128	639286	42.945	ng	98
9) Benzaldehyde	6.475	77	229312	22.976	ng	97
10) Phenol	6.575	94	874391	39.877	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	632467	39.361	ng	99
12) 1,3-Dichlorobenzene	6.857	146	659332	41.450	ng	95
13) 1,4-Dichlorobenzene	6.928	146	674457	41.441	ng	97
14) 1,2-Dichlorobenzene	7.081	146	638021	42.710	ng	97
15) Benzyl Alcohol	7.057	79	592220	46.694	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1033602	37.422	ng	93
17) 2-Methylphenol	7.169	107	519697	37.310	ng	98
18) Hexachloroethane	7.416	117	230366	42.987	ng	97
19) n-Nitroso-di-n-propyla...	7.328	70	477607	37.965	ng	99
20) 3+4-Methylphenols	7.322	107	607294	38.068	ng	96
22) Acetophenone	7.322	105	828716	39.923	ng	99
24) Nitrobenzene	7.492	77	738846	39.833	ng	97
25) Isophorone	7.728	82	1392047	39.683	ng	98
26) 2-Nitrophenol	7.804	139	339186	46.060	ng	96
27) 2,4-Dimethylphenol	7.845	122	462082	33.582	ng	98
28) bis(2-Chloroethoxy)met...	7.940	93	836548	40.645	ng	99
29) 2,4-Dichlorophenol	8.045	162	534554	42.329	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	550940	41.457	ng	98
31) Naphthalene	8.204	128	1796773	39.034	ng	100
32) Benzoic acid	7.987	122	310660	40.359	ng	100
33) 4-Chloroaniline	8.257	127	141944	7.864	ng	99
34) Hexachlorobutadiene	8.322	225	319937	40.778	ng	99
35) Caprolactam	8.634	113	189711m	44.303	ng	
36) 4-Chloro-3-methylphenol	8.745	107	591734	41.920	ng	100
37) 2-Methylnaphthalene	8.898	142	1137394	38.760	ng	99
38) 1-Methylnaphthalene	8.998	142	1047349	37.900	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	547548	41.365	ng	99
41) Hexachlorocyclopentadiene	9.045	237	424047	78.654	ng	98
43) 2,4,6-Trichlorophenol	9.181	196	370610	42.995	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137576.D
 Acq On : 13 Mar 2024 14:46
 Operator : CG\JU
 Sample : P1725-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 13 15:48:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	386132	38.887	ng	98
46) 1,1'-Biphenyl	9.363	154	1411632	40.678	ng	99
47) 2-Chloronaphthalene	9.386	162	1097143	41.467	ng	99
48) 2-Nitroaniline	9.486	65	380752	42.339	ng	96
49) Acenaphthylene	9.804	152	1739008	41.070	ng	100
50) Dimethylphthalate	9.675	163	1340363	40.610	ng	100
51) 2,6-Dinitrotoluene	9.734	165	293659	42.538	ng	97
52) Acenaphthene	9.975	154	976453	38.628	ng	99
53) 3-Nitroaniline	9.904	138	154008	21.091	ng	95
54) 2,4-Dinitrophenol	10.016	184	275622	81.665	ng	96
55) Dibenzofuran	10.151	168	1467895	38.126	ng	99
56) 4-Nitrophenol	10.081	139	397025	76.625	ng	97
57) 2,4-Dinitrotoluene	10.139	165	359522	42.389	ng	91
58) Fluorene	10.498	166	1112434	37.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	322261m	40.471	ng	
60) Diethylphthalate	10.375	149	1257302	40.339	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	554411	38.258	ng	99
62) 4-Nitroaniline	10.528	138	242425	38.627	ng	94
63) Azobenzene	10.651	77	1388311	38.682	ng	100
65) 4,6-Dinitro-2-methylph...	10.551	198	201362	48.675	ng	91
66) n-Nitrosodiphenylamine	10.610	169	1032035	43.180	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	357947	44.277	ng	96
68) Hexachlorobenzene	11.045	284	374002	45.804	ng	# 92
69) Atrazine	11.145	200	322031	44.321	ng	98
70) Pentachlorophenol	11.245	266	390982	79.210	ng	99
71) Phenanthrene	11.463	178	1676886	41.513	ng	99
72) Anthracene	11.516	178	1650240	39.777	ng	99
73) Carbazole	11.675	167	1407277	39.601	ng	99
74) Di-n-butylphthalate	12.010	149	1818405	43.008	ng	99
75) Fluoranthene	12.663	202	1609359	40.760	ng	97
77) Benzidine	12.792	184	481725	45.701	ng	97
78) Pyrene	12.892	202	1623845	38.421	ng	100
80) Butylbenzylphthalate	13.522	149	598009	55.404	ng	98
81) Benzo(a)anthracene	14.092	228	1289180	42.703	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	312909	38.922	ng	# 97
83) Chrysene	14.133	228	1327315	43.501	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	787888	57.430	ng	100
85) Di-n-octyl phthalate	14.721	149	1534080	56.850	ng	98
87) Indeno(1,2,3-cd)pyrene	17.310	276	1266450	38.566	ng	98
88) Benzo(b)fluoranthene	15.198	252	1362982	46.174	ng	98
89) Benzo(k)fluoranthene	15.227	252	1264463	39.881	ng	99
90) Benzo(a)pyrene	15.592	252	1234146	42.427	ng	98
91) Dibenzo(a,h)anthracene	17.333	278	990975	37.201	ng	99
92) Benzo(g,h,i)perylene	17.804	276	936975	34.249	ng	99

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

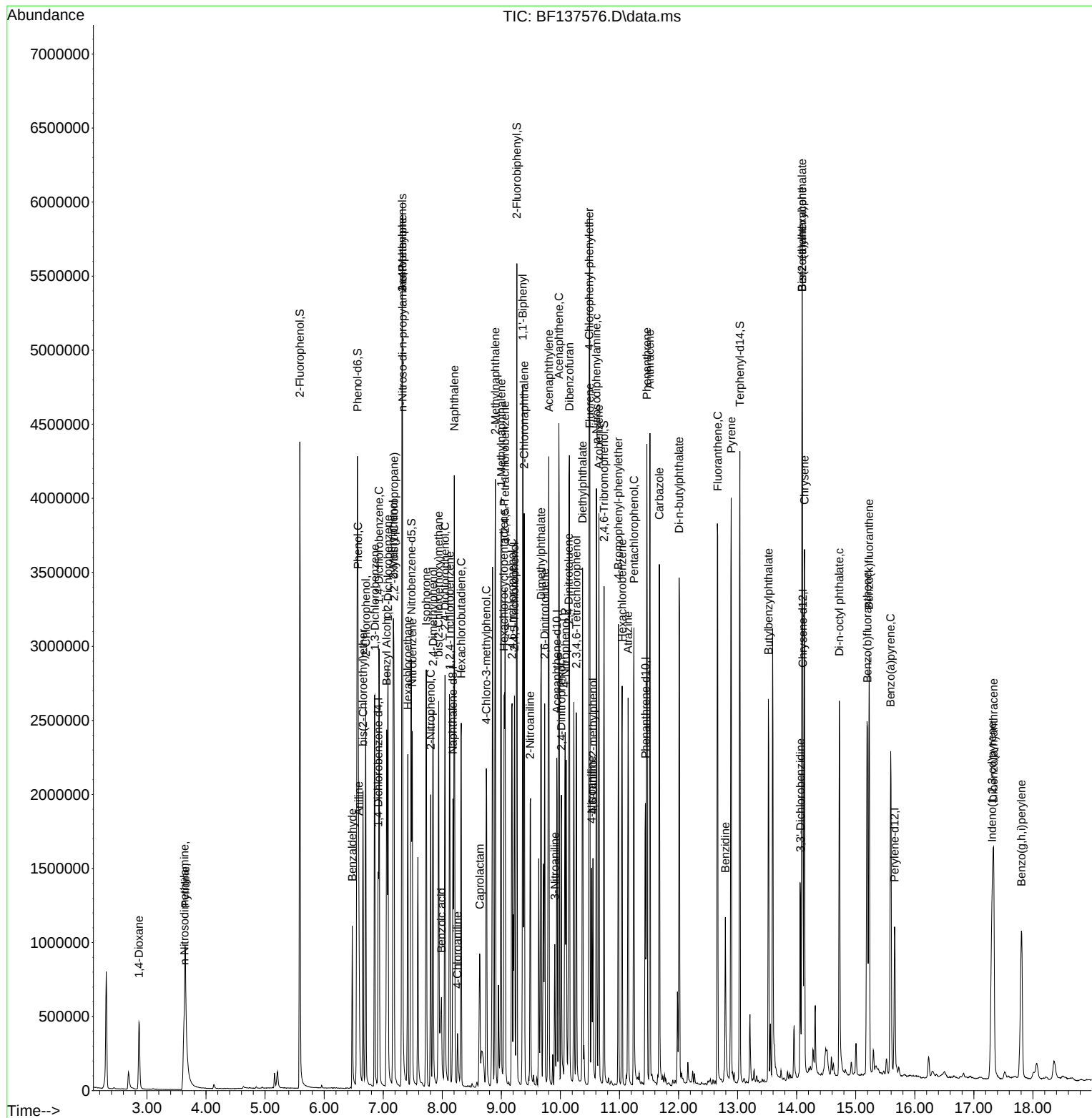
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137576.D
Acq On : 13 Mar 2024 14:46
Operator : CG\JU
Sample : P1725-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

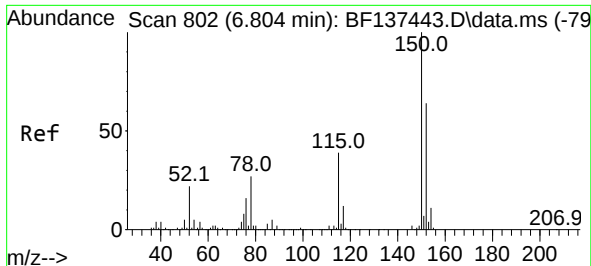
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

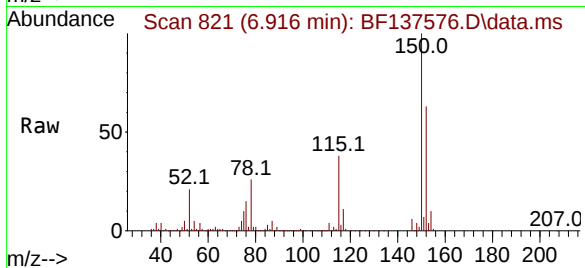
Quant Time: Mar 13 15:48:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

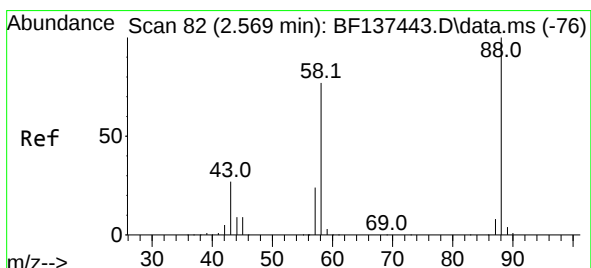
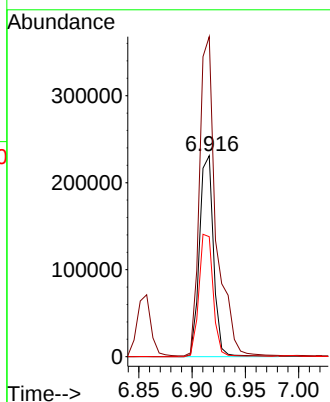
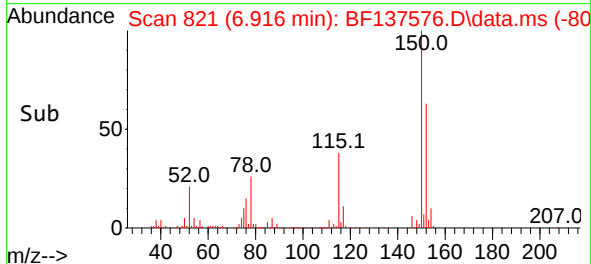
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



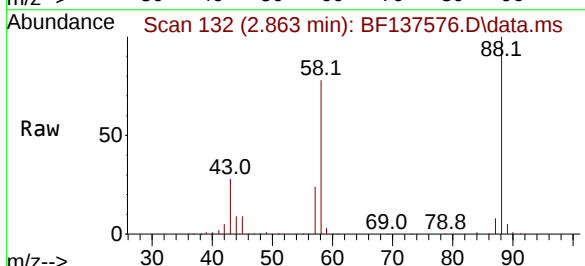
Tgt Ion:152 Resp: 213754
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 59.8 48.8 73.2

Manual Integrations
APPROVED

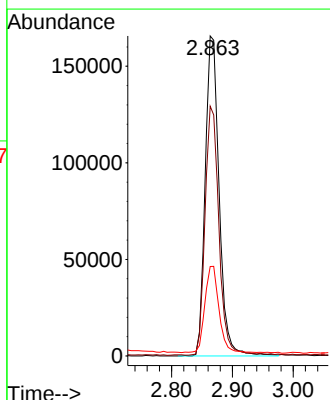
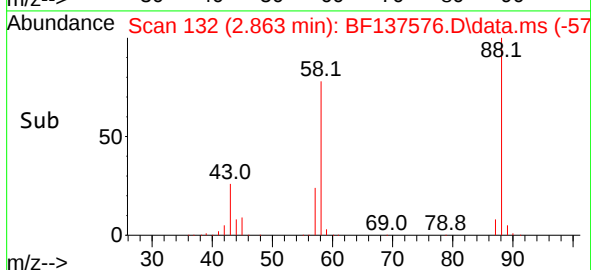
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

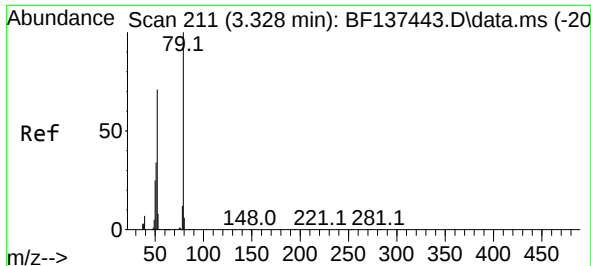


#2
1,4-Dioxane
Concen: 34.233 ng
RT: 2.863 min Scan# 132
Delta R.T. 0.088 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion: 88 Resp: 264181
Ion Ratio Lower Upper
88 100
58 77.2 61.8 92.8
43 27.2 22.2 33.4





#3
Pyridine
Concen: 34.254 ng
RT: 3.652 min Scan# 20
Delta R.T. 0.077 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

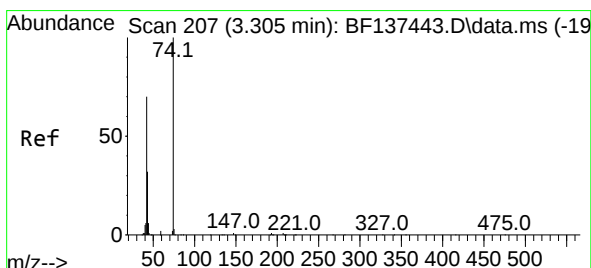
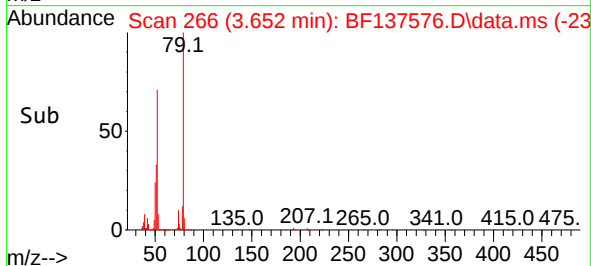
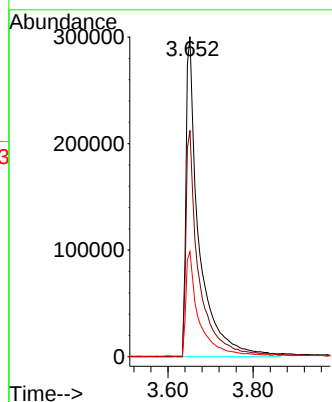
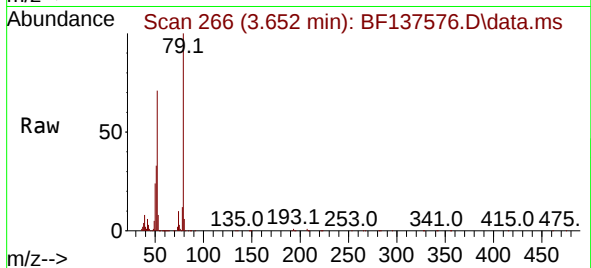
RT-3860MSD

Tgt Ion: 79 Resp: 63752
Ion Ratio Lower Upper
79 100
52 70.7 57.0 85.4
51 32.8 27.5 41.3

Manual Integrations

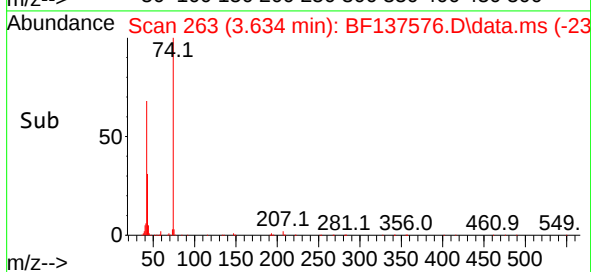
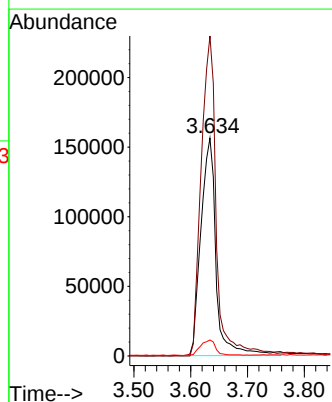
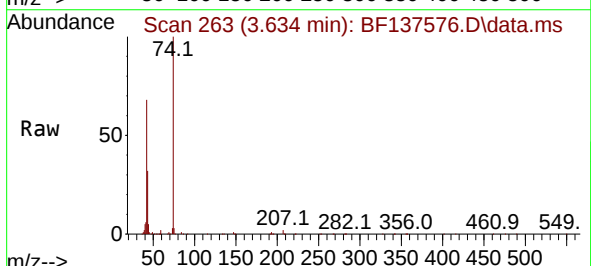
APPROVED

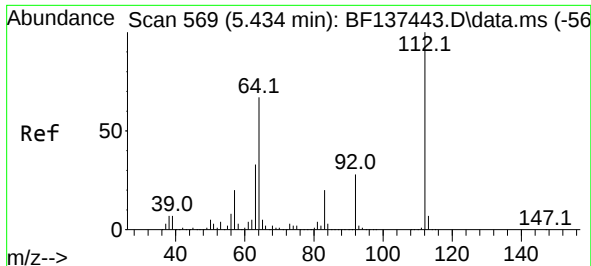
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#4
n-Nitrosodimethylamine
Concen: 39.347 ng
RT: 3.634 min Scan# 263
Delta R.T. 0.065 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion: 42 Resp: 291025
Ion Ratio Lower Upper
42 100
74 146.9 114.0 171.0
44 7.4 7.0 10.4





#5
2-Fluorophenol
Concen: 87.587 ng
RT: 5.587 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

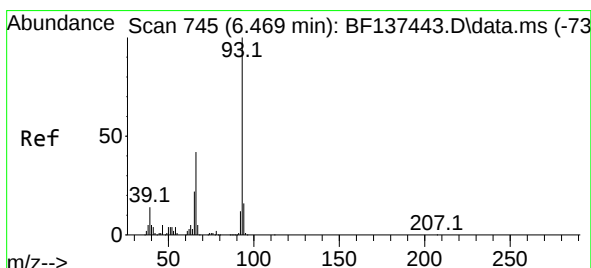
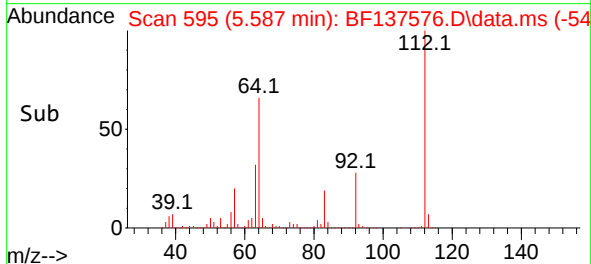
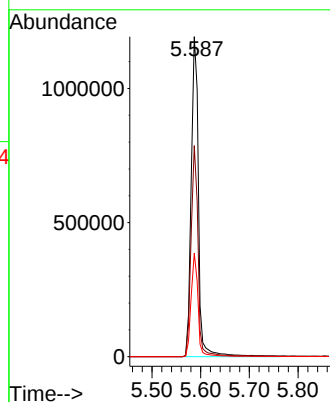
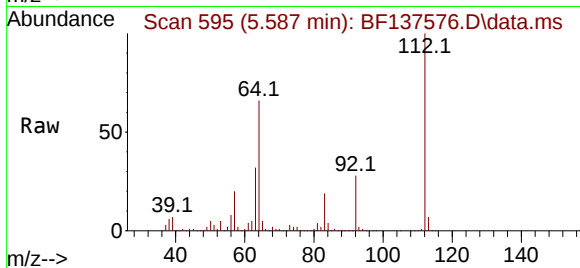
RT-3860MSD

Tgt Ion:112 Resp: 123615
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 32.3 26.2 39.2

Manual Integrations

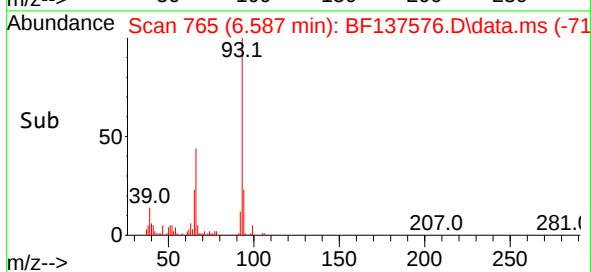
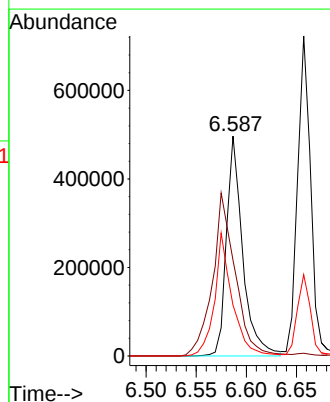
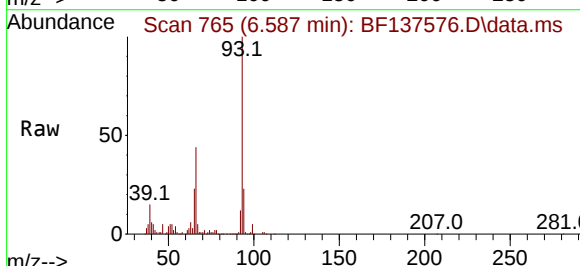
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#6
Aniline
Concen: 22.464 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

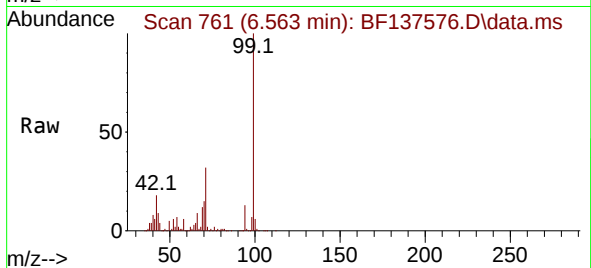
Tgt Ion: 93 Resp: 559191
Ion Ratio Lower Upper
93 100
66 43.6 34.0 51.0
65 23.1 17.8 26.8





#7
Phenol-d6
Concen: 83.885 ng
RT: 6.563 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

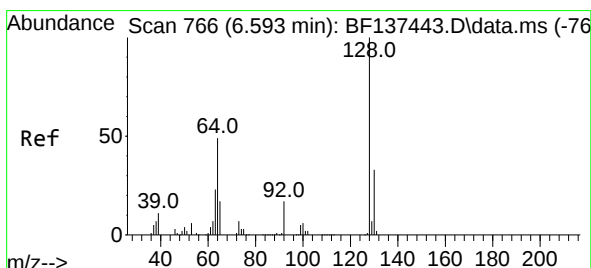
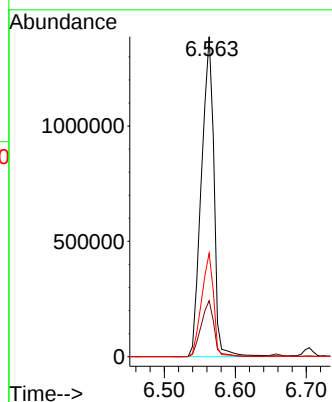
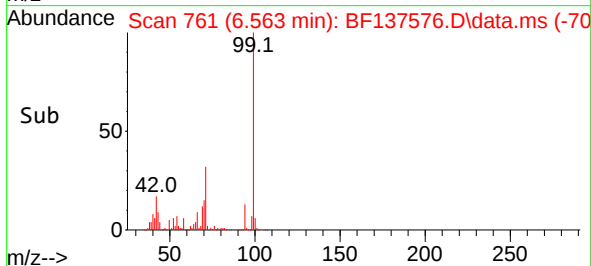
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion: 99 Resp: 170893
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 32.4 25.3 37.9

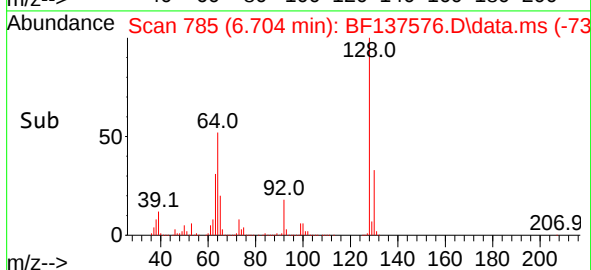
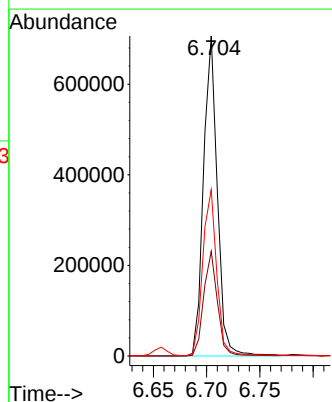
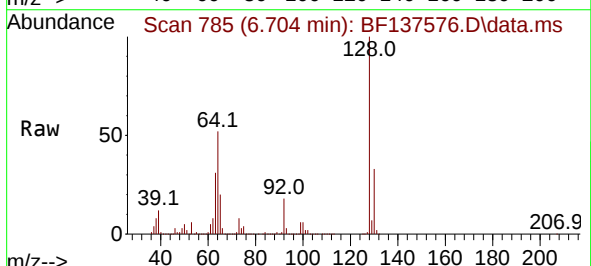
Manual Integrations
APPROVED

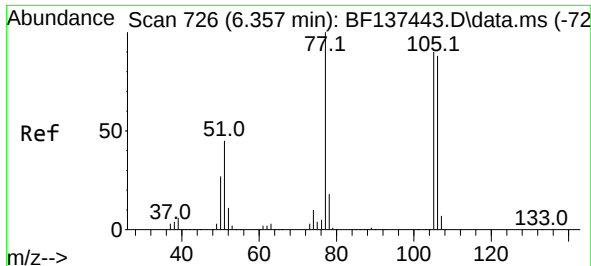
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#8
2-Chlorophenol
Concen: 42.945 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:128 Resp: 639286
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 51.9 30.0 70.0





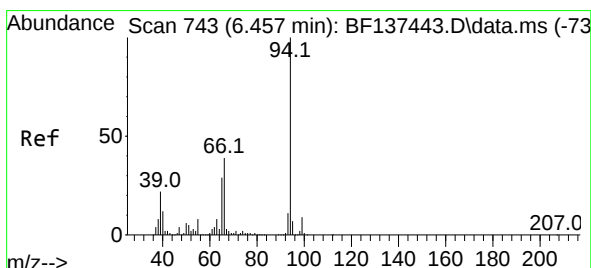
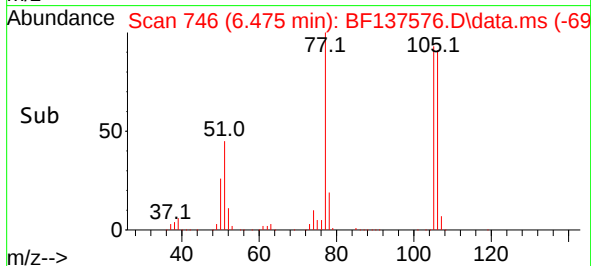
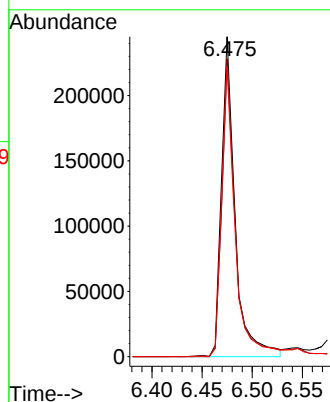
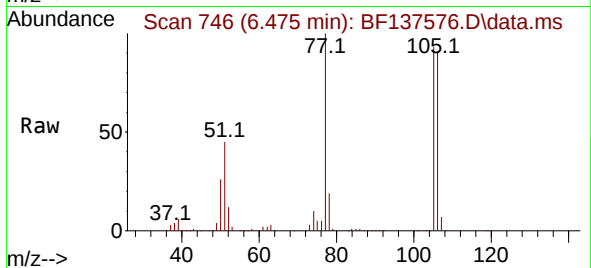
#9
Benzaldehyde
Concen: 22.976 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion: 77 Resp: 22931
Ion Ratio Lower Upper
77 100
105 93.1 69.8 109.8
106 90.7 67.8 107.8

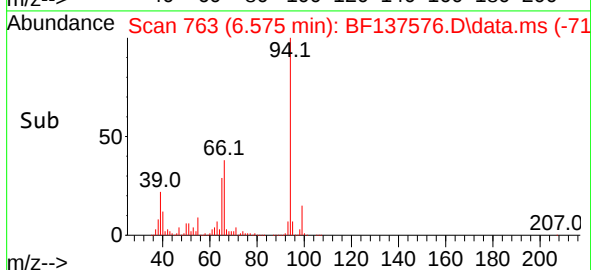
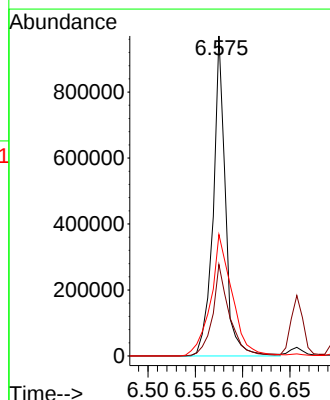
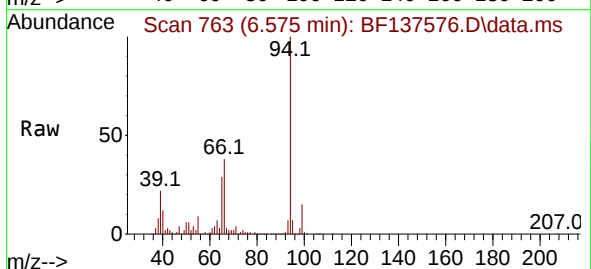
Manual Integrations
APPROVED

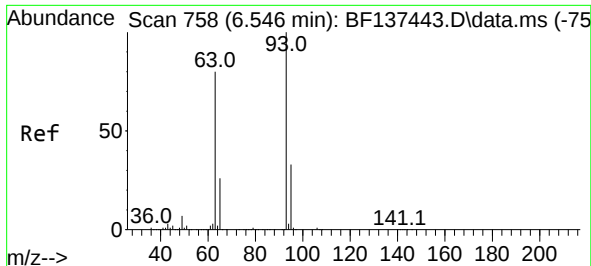
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#10
Phenol
Concen: 39.877 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion: 94 Resp: 874391
Ion Ratio Lower Upper
94 100
65 28.6 8.7 48.7
66 38.0 18.6 58.6





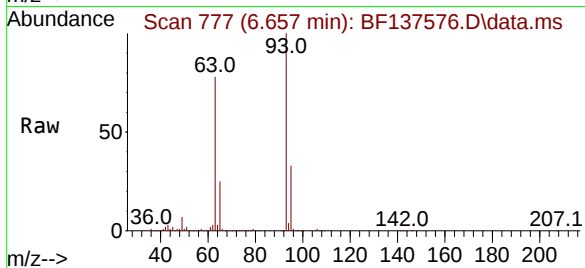
#11
bis(2-Chloroethyl)ether
Concen: 39.361 ng
RT: 6.657 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

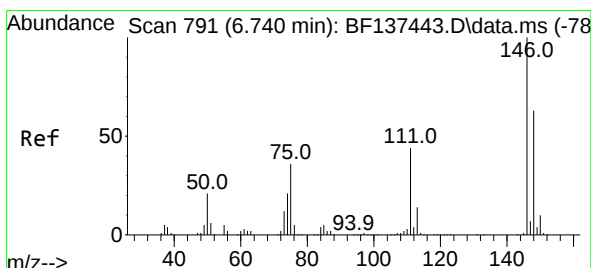
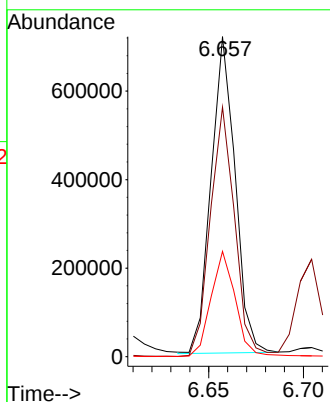
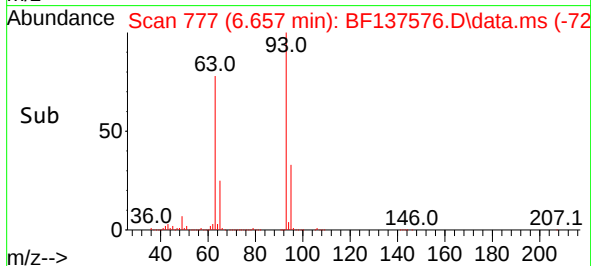


Tgt Ion: 93 Resp: 63246
Ion Ratio Lower Upper
93 100
63 78.0 58.9 98.9
95 32.9 12.2 52.2

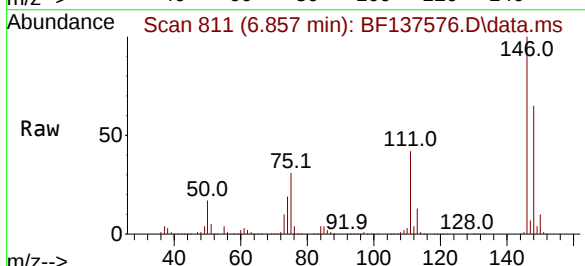
Manual Integrations

APPROVED

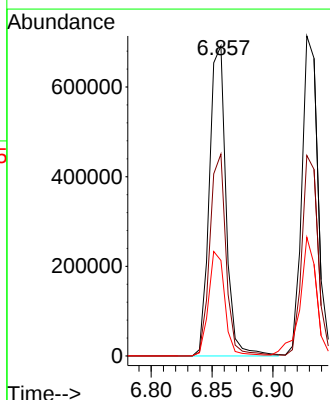
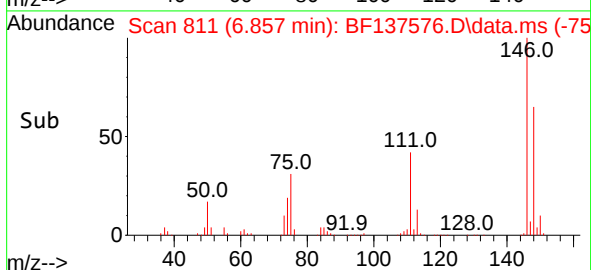
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

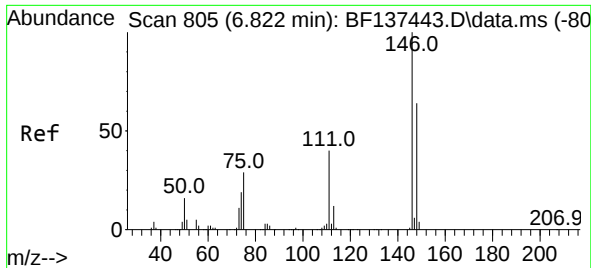


#12
1,3-Dichlorobenzene
Concen: 41.450 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion:146 Resp: 659332
Ion Ratio Lower Upper
146 100
148 65.1 50.3 75.5
75 30.8 29.0 43.4





#13
1,4-Dichlorobenzene
Concen: 41.441 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

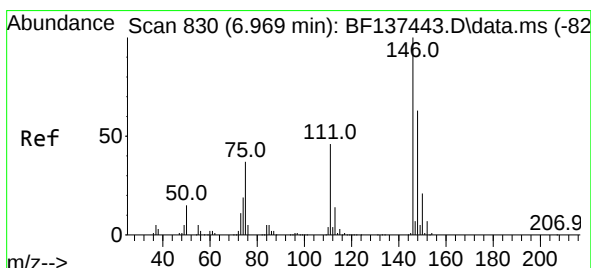
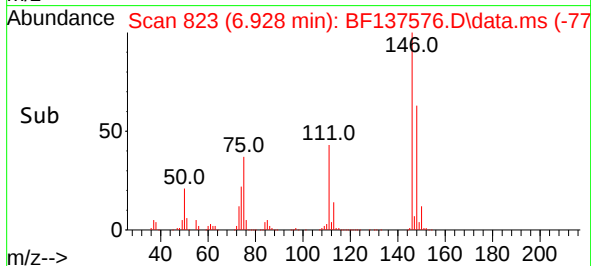
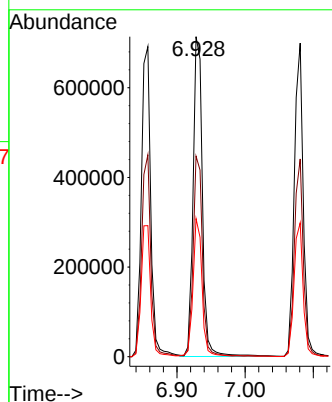
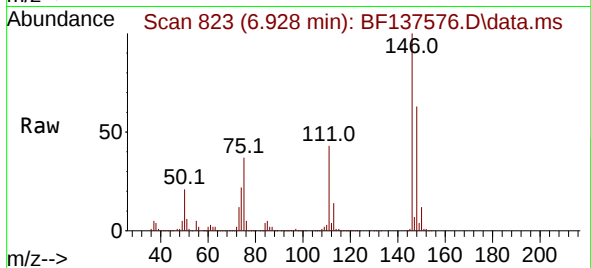
ClientSampleId :

RT-3860MSD

Tgt Ion:146 Resp: 67445
Ion Ratio Lower Upper
146 100
148 62.6 51.2 76.8
111 43.1 32.4 48.6

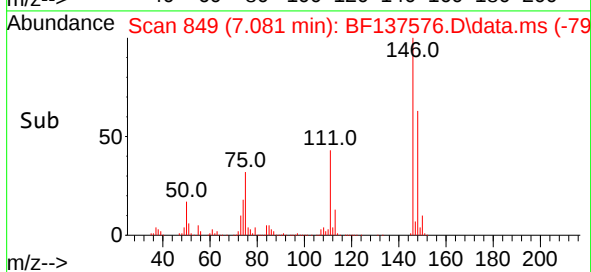
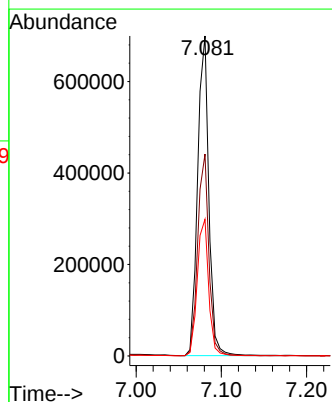
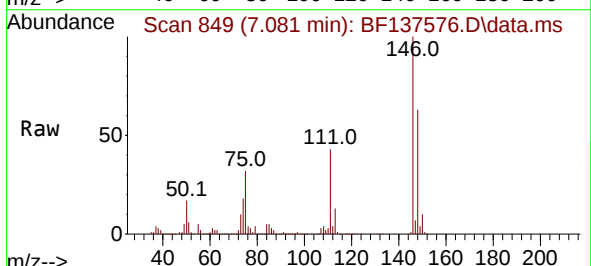
Manual Integrations
APPROVED

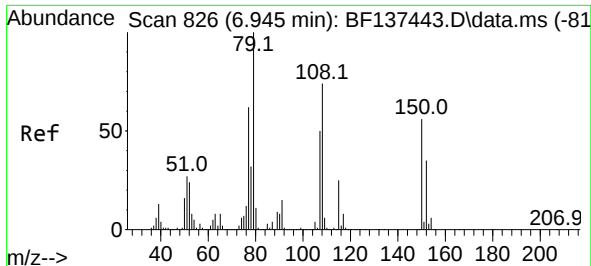
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#14
1,2-Dichlorobenzene
Concen: 42.710 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:146 Resp: 638021
Ion Ratio Lower Upper
146 100
148 63.1 50.0 75.0
111 42.7 36.8 55.2





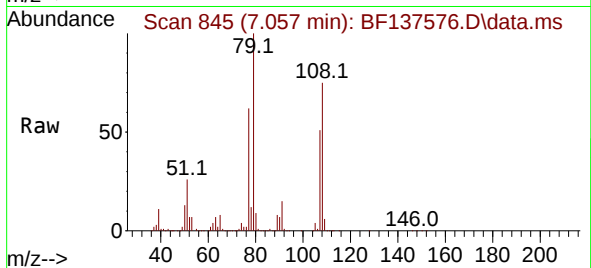
#15
Benzyl Alcohol
Concen: 46.694 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

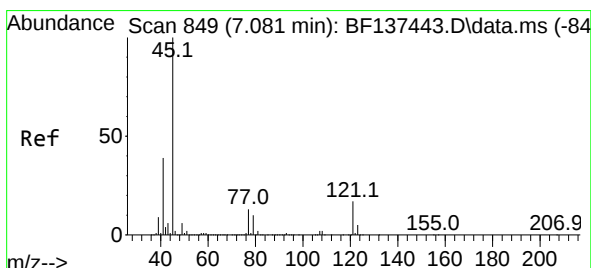
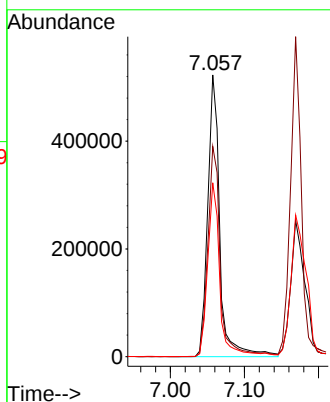
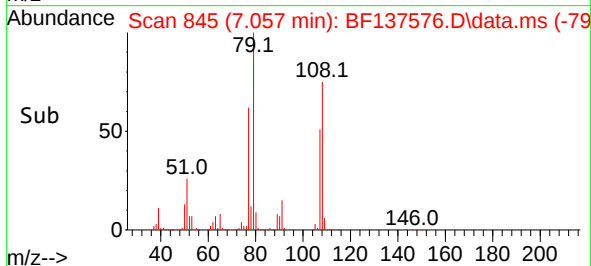


Tgt Ion: 79 Resp: 592220
Ion Ratio Lower Upper
79 100
108 74.6 59.5 89.3
77 61.7 50.0 75.0

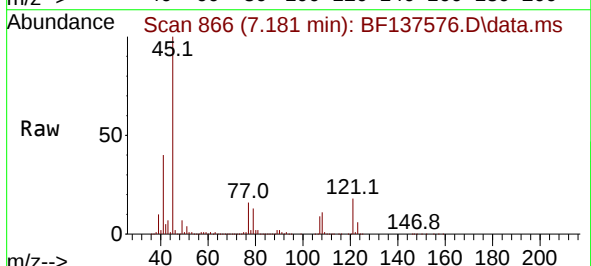
Manual Integrations

APPROVED

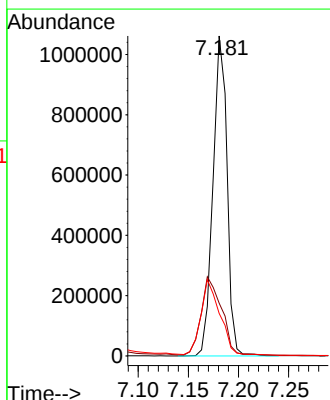
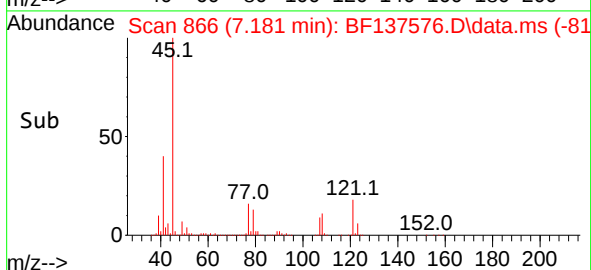
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

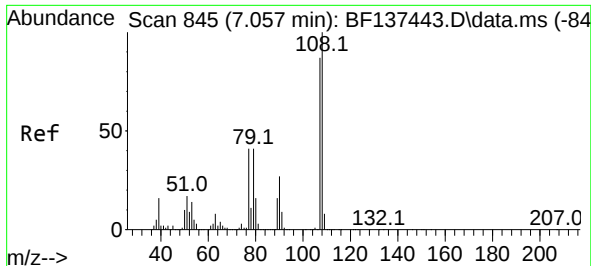


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.422 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion: 45 Resp: 1033602
Ion Ratio Lower Upper
45 100
77 16.5 0.0 33.4
79 13.3 0.0 30.9





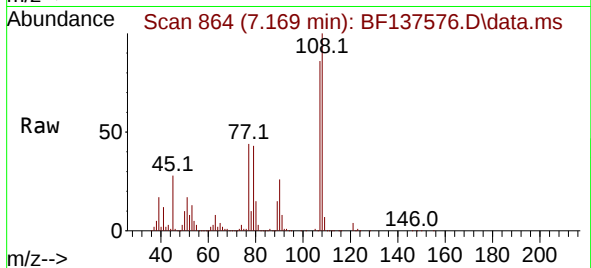
#17
2-Methylphenol
Concen: 37.310 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

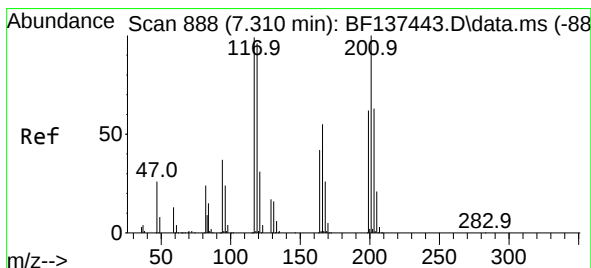
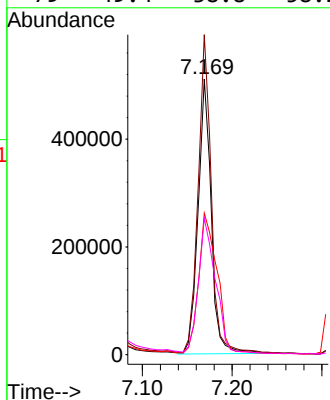
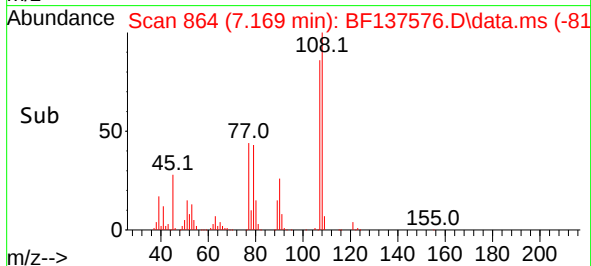


Tgt Ion:107 Resp: 51969
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.4
77 51.4 38.6 57.8
79 49.4 38.8 58.2

Manual Integrations

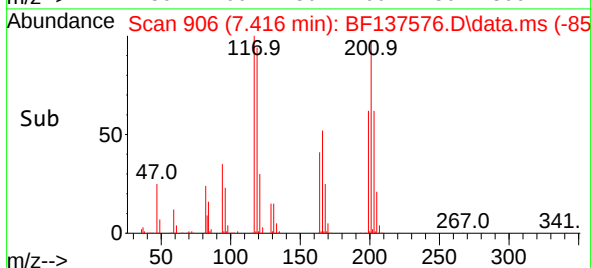
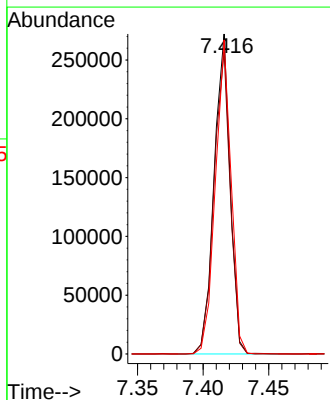
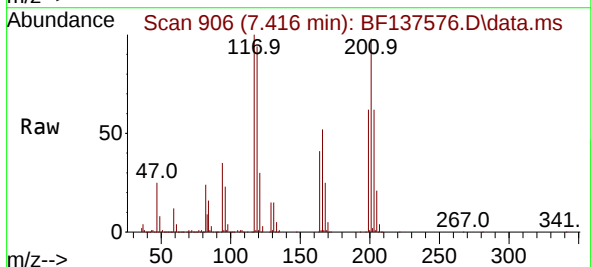
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#18
Hexachloroethane
Concen: 42.987 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

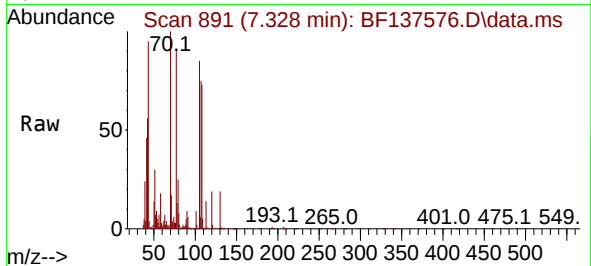
Tgt Ion:117 Resp: 230366
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3
201 98.1 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 37.965 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

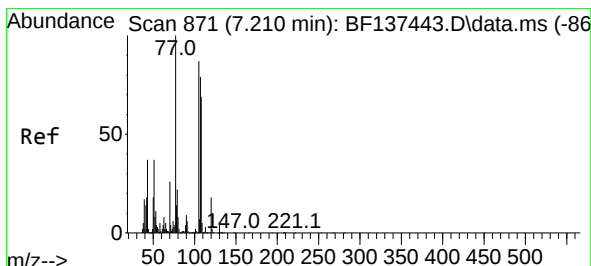
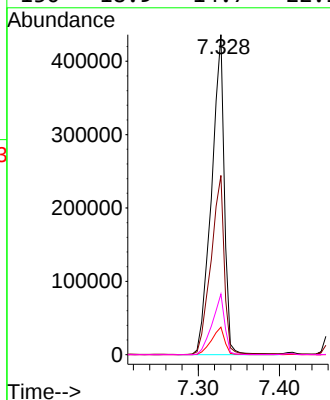
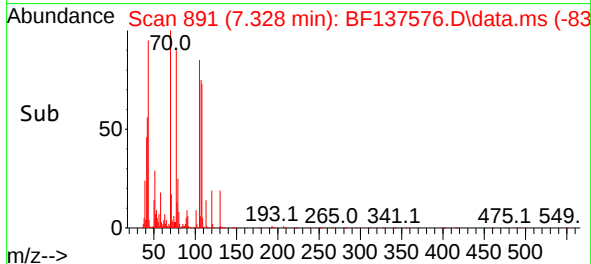
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



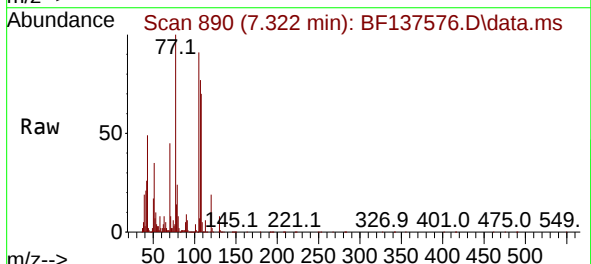
Tgt Ion: 70 Resp: 47760
Ion Ratio Lower Upper
70 100
42 56.0 45.2 67.8
101 8.6 7.3 10.9
130 18.9 14.7 22.1

Manual Integrations
APPROVED

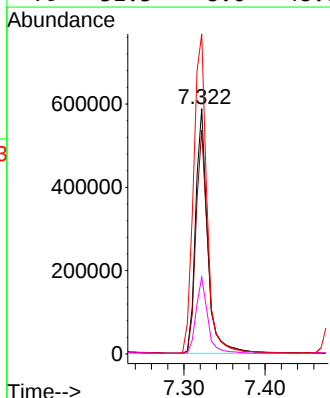
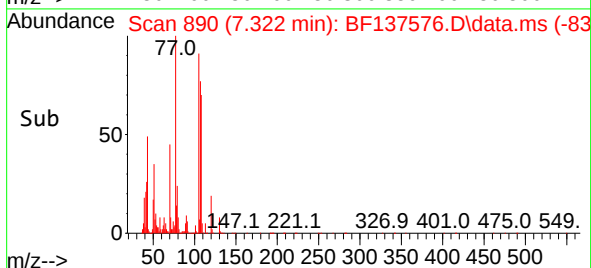
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

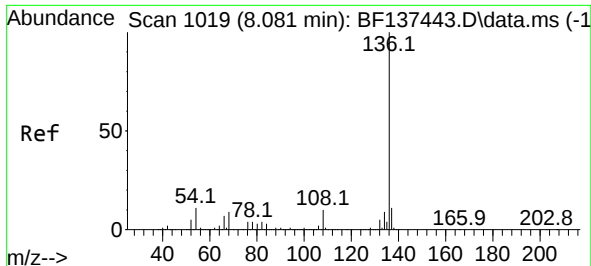


#20
3+4-Methylphenols
Concen: 38.068 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion:107 Resp: 607294
Ion Ratio Lower Upper
107 100
108 91.3 67.6 107.6
77 130.4 107.1 147.1
79 31.3 8.6 48.6





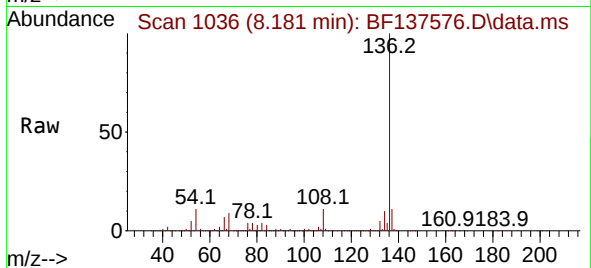
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

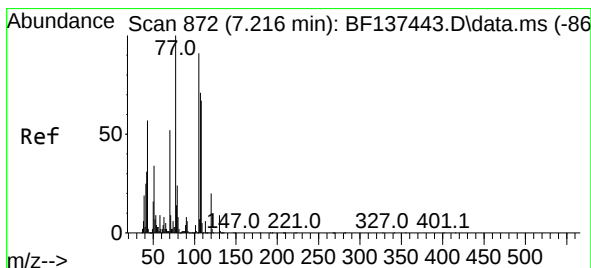
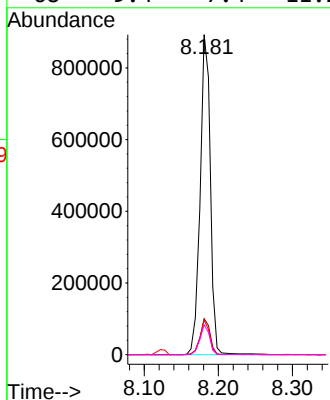
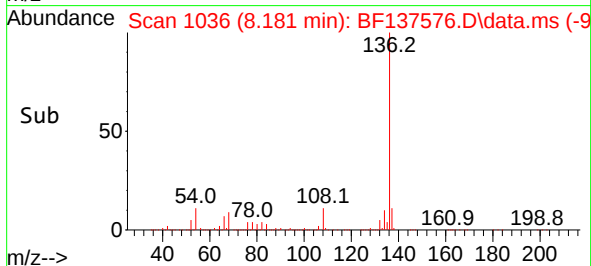


Tgt Ion:136 Resp: 857929
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.8 8.5 12.7
68 9.4 7.4 11.2

Manual Integrations

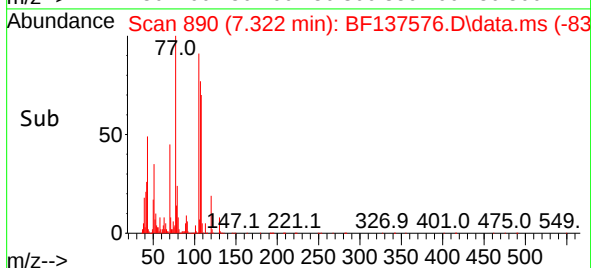
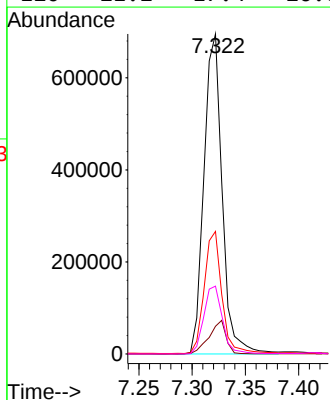
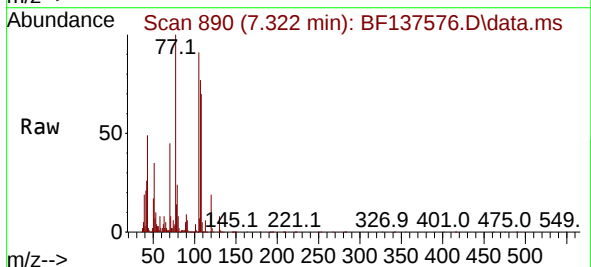
APPROVED

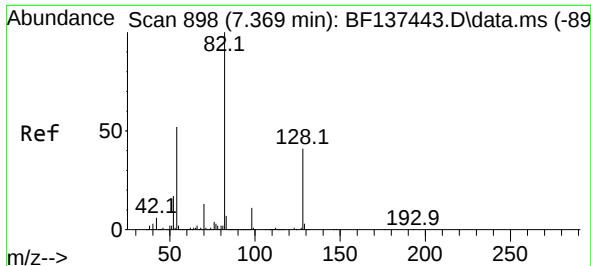
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#22
Acetophenone
Concen: 39.923 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:105 Resp: 828716
Ion Ratio Lower Upper
105 100
71 8.7 7.7 11.5
51 38.3 30.4 45.6
120 21.2 17.4 26.0





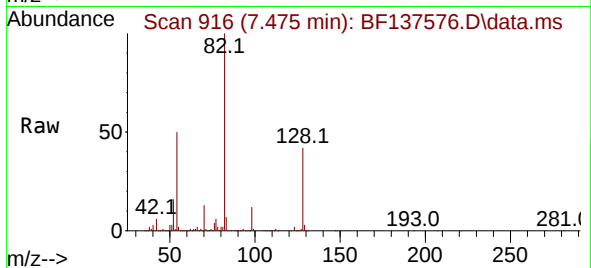
#23
Nitrobenzene-d5
Concen: 58.091 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

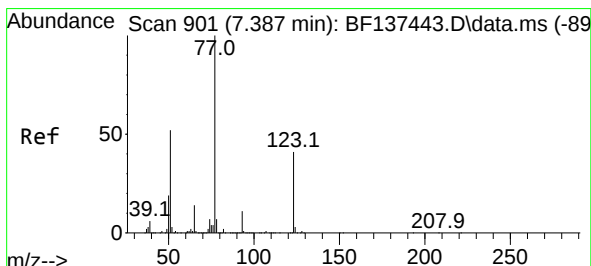
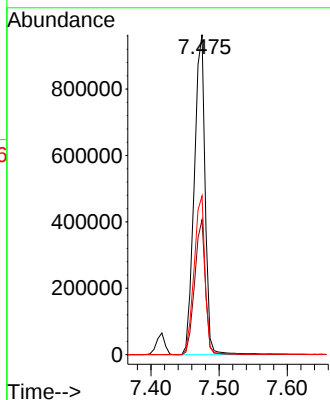
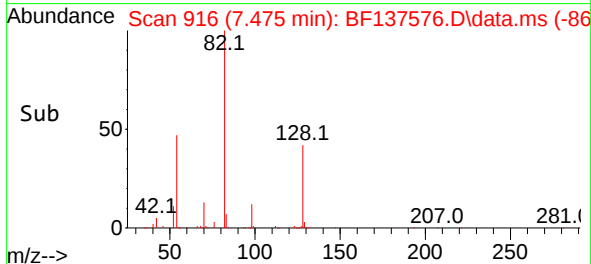


Tgt Ion: 82 Resp: 1072609
Ion Ratio Lower Upper
82 100
128 42.2 32.5 48.7
54 49.6 41.5 62.3

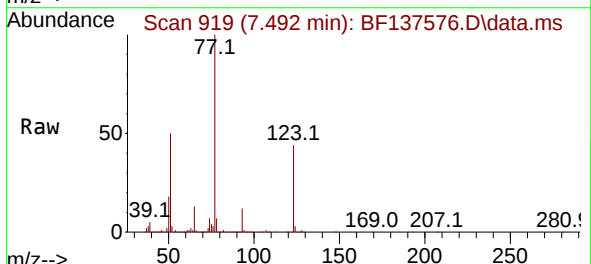
Manual Integrations

APPROVED

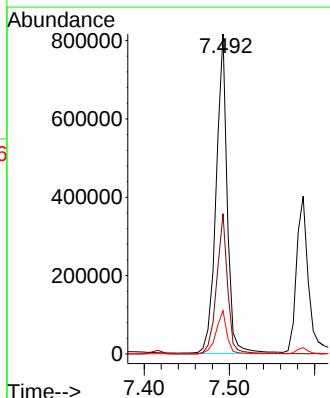
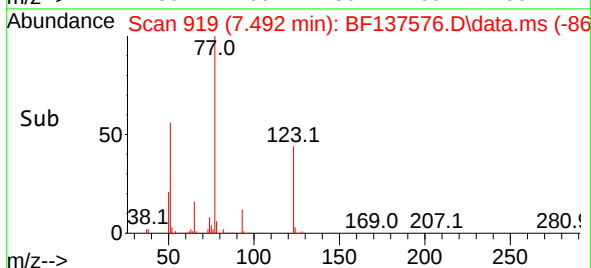
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#24
Nitrobenzene
Concen: 39.833 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion: 77 Resp: 738846
Ion Ratio Lower Upper
77 100
123 43.9 33.0 49.6
65 13.5 10.9 16.3





#25
Isophorone
Concen: 39.683 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

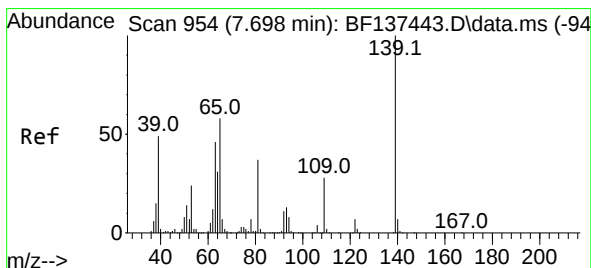
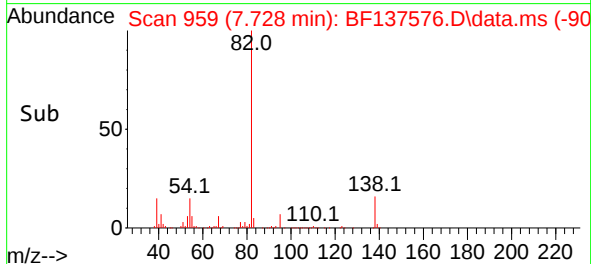
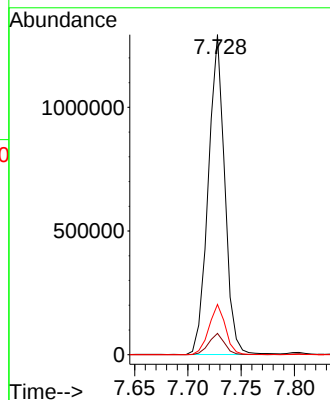
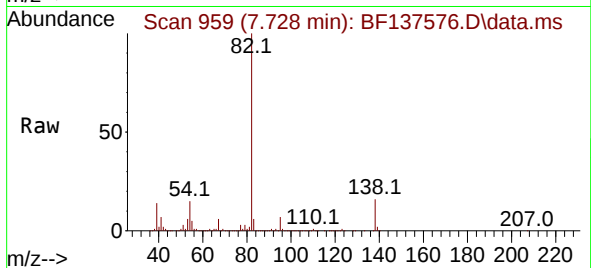
RT-3860MSD

Tgt Ion: 82 Resp: 139204
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.7 11.8 17.8

Manual Integrations

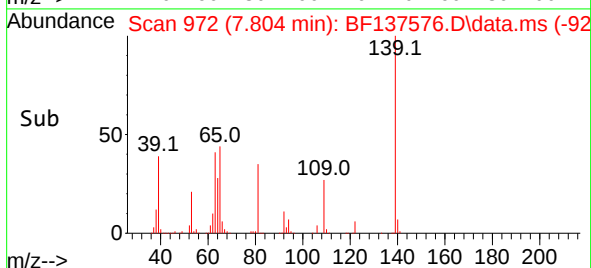
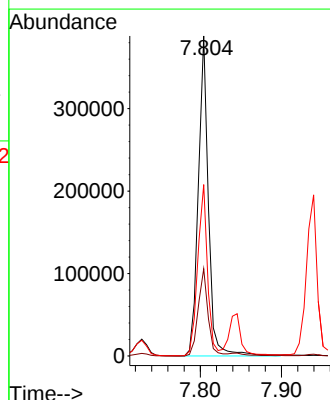
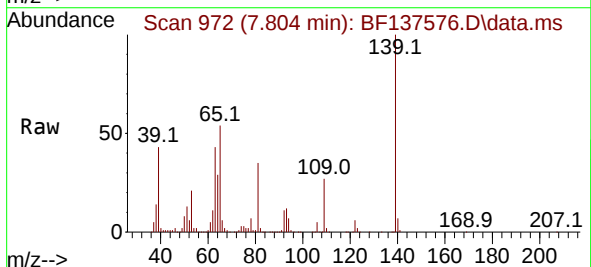
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#26
2-Nitrophenol
Concen: 46.060 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:139 Resp: 339186
Ion Ratio Lower Upper
139 100
109 27.3 22.2 33.4
65 53.6 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 33.582 ng
RT: 7.845 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

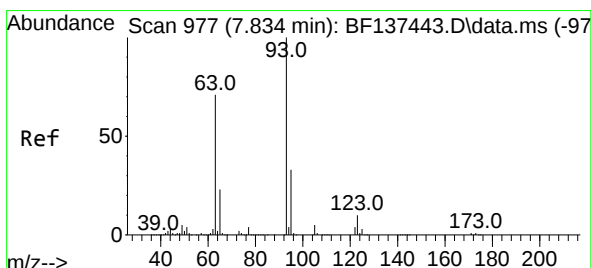
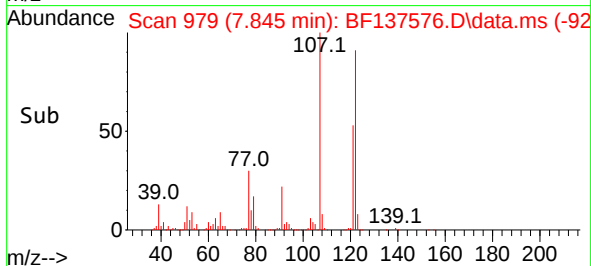
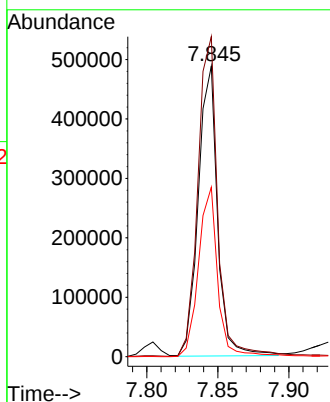
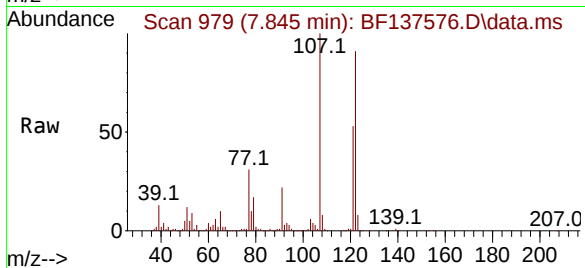
RT-3860MSD

Tgt Ion:122 Resp: 46208
Ion Ratio Lower Upper
122 100
107 110.2 90.9 136.3
121 58.3 47.0 70.6

Manual Integrations

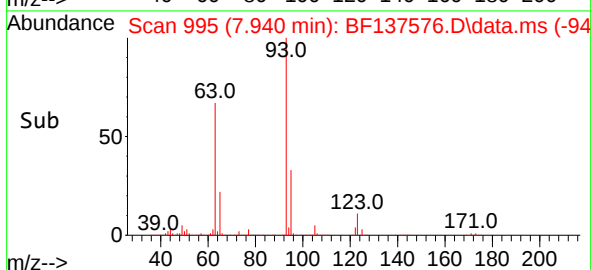
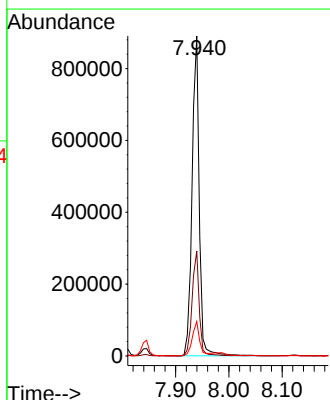
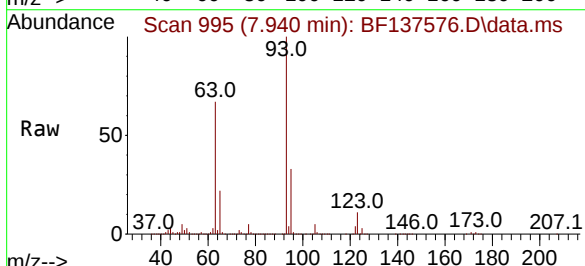
APPROVED

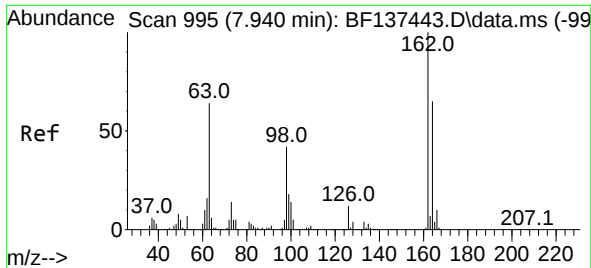
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.645 ng
RT: 7.940 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion: 93 Resp: 836548
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.329 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

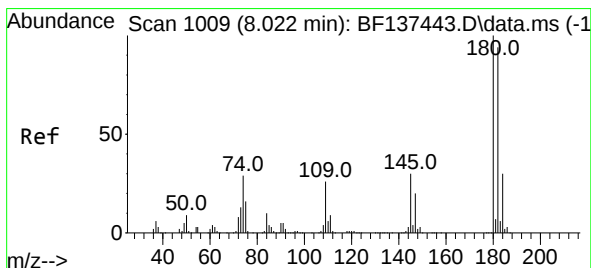
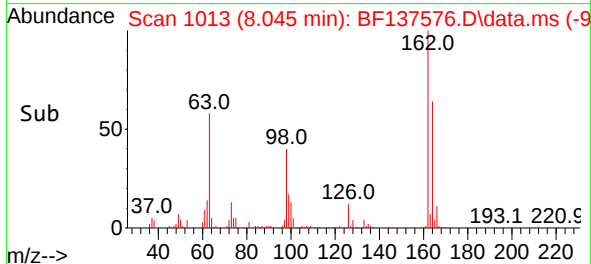
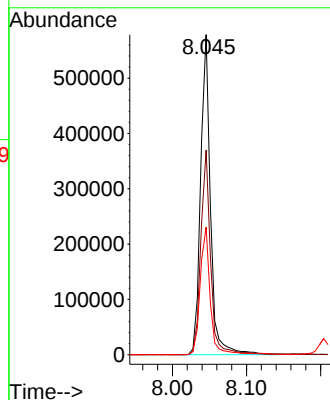
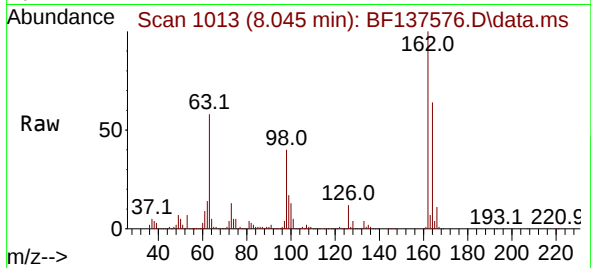
RT-3860MSD

Tgt Ion:162 Resp: 534554
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.7 84.7
 98 39.8 22.0 62.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.457 ng

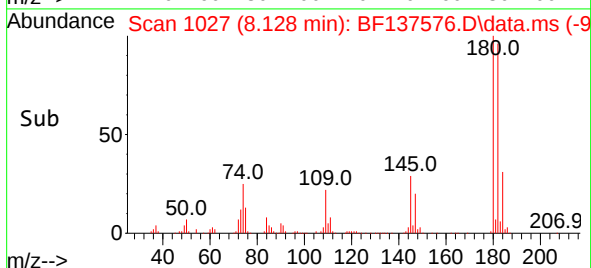
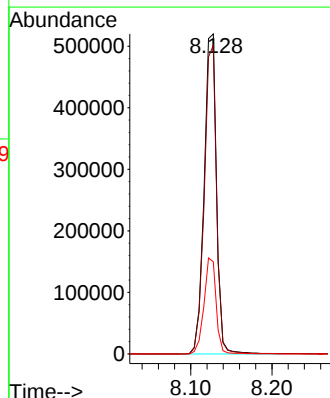
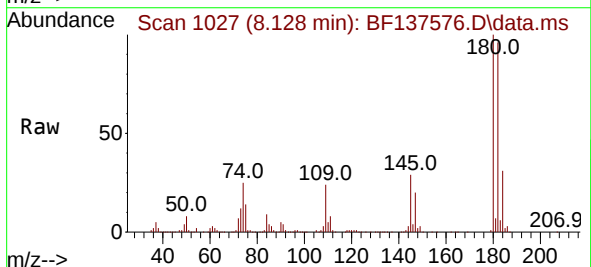
RT: 8.128 min Scan# 1027

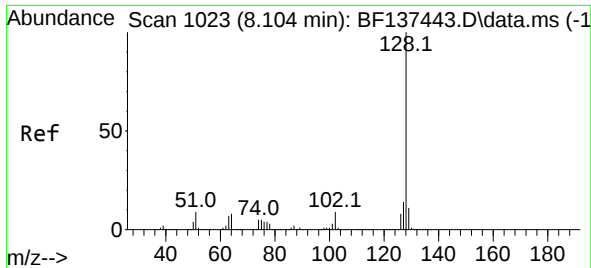
Delta R.T. 0.012 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Tgt Ion:180 Resp: 550940
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.0 112.6
 145 28.8 23.7 35.5





#31
Naphthalene
Concen: 39.034 ng
RT: 8.204 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

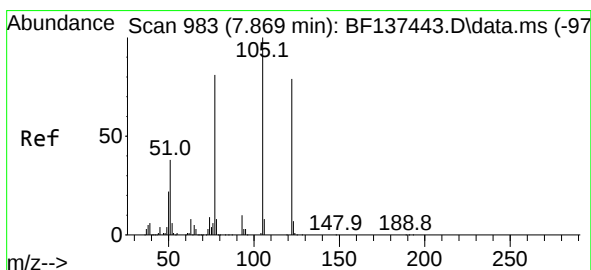
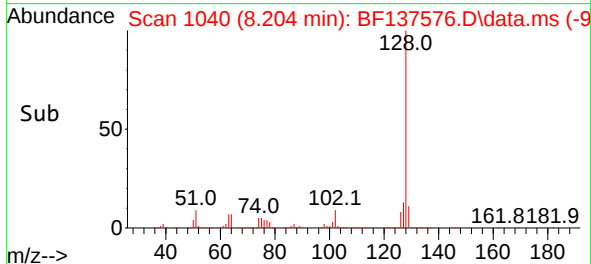
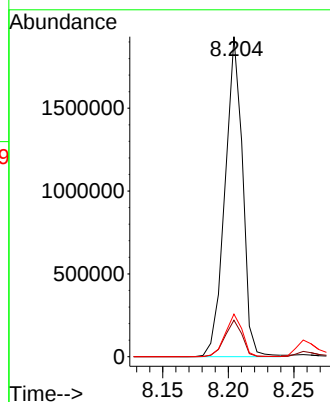
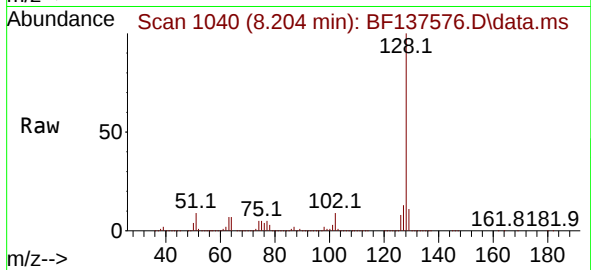
RT-3860MSD

Tgt Ion:128 Resp: 179677
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.8 16.2

Manual Integrations

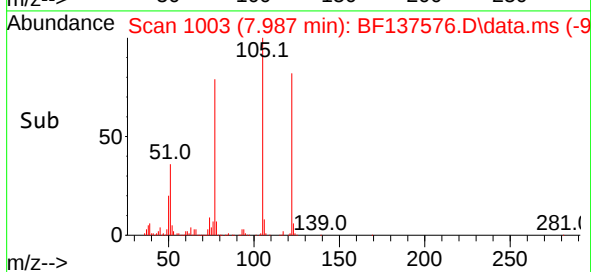
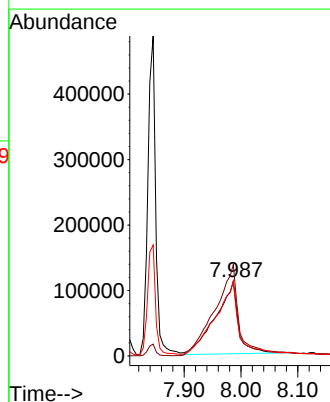
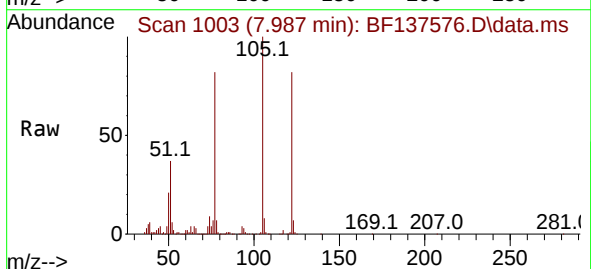
APPROVED

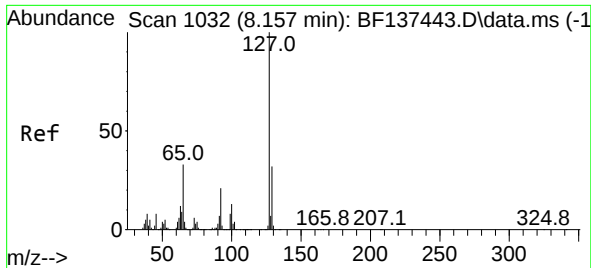
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#32
Benzoic acid
Concen: 40.359 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:122 Resp: 310660
Ion Ratio Lower Upper
122 100
105 122.4 102.4 142.4
77 100.3 81.1 121.1





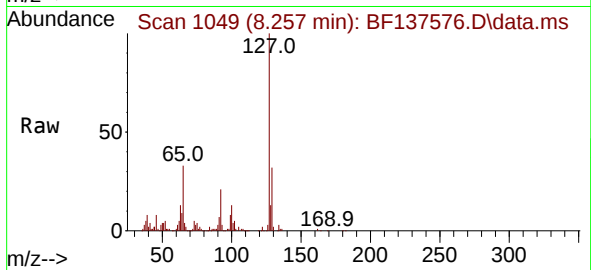
#33
4-Chloroaniline
Concen: 7.864 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

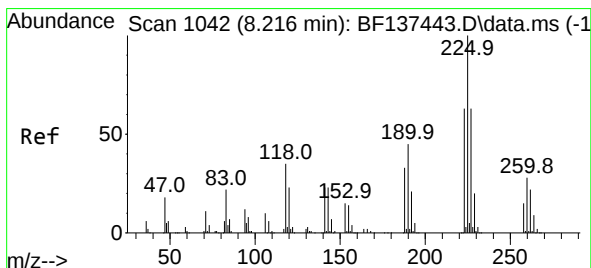
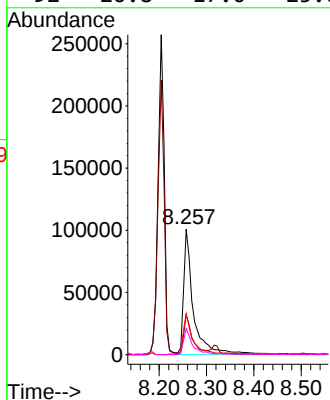
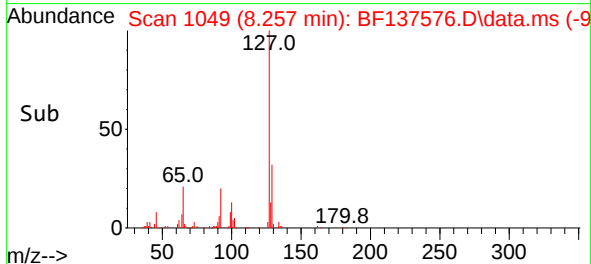


Tgt Ion:127 Resp: 141944
Ion Ratio Lower Upper
127 100
129 31.8 26.0 39.0
65 32.6 26.8 40.2
92 20.8 17.0 25.6

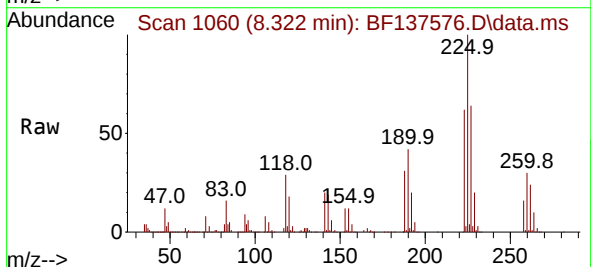
Manual Integrations

APPROVED

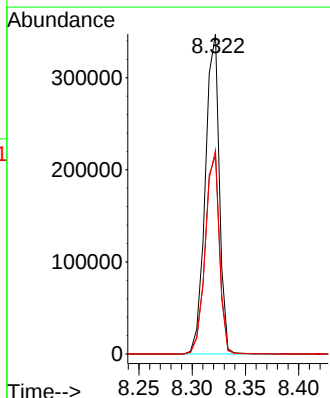
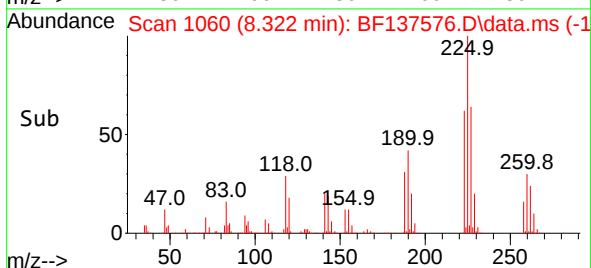
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

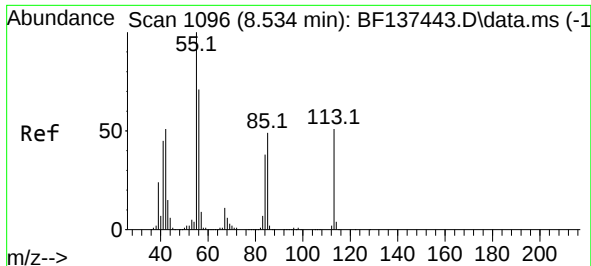


#34
Hexachlorobutadiene
Concen: 40.778 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.012 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



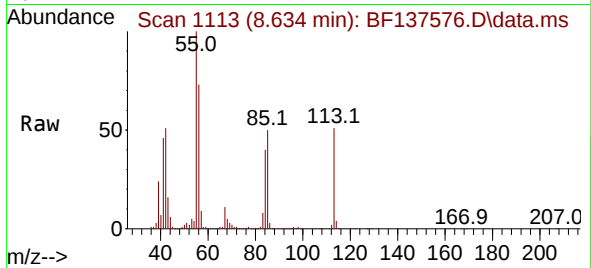
Tgt Ion:225 Resp: 319937
Ion Ratio Lower Upper
225 100
223 62.0 50.7 76.1
227 63.7 50.6 75.8





#35
Caprolactam
Concen: 44.303 ng m
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

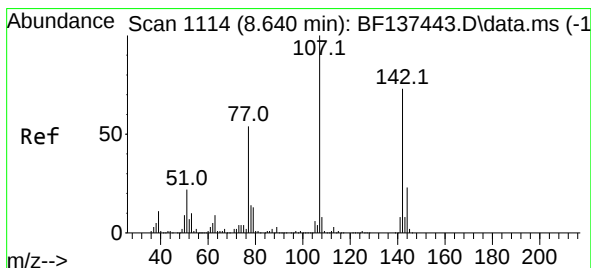
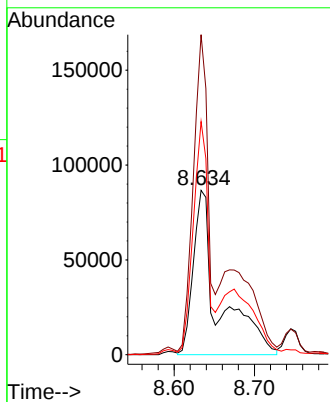
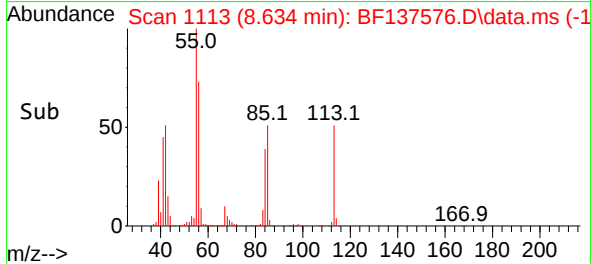
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:113 Resp: 18971
Ion Ratio Lower Upper
113 100
55 194.7 176.7 216.7
56 141.9 120.6 160.6

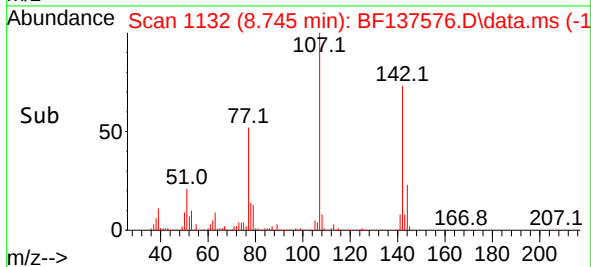
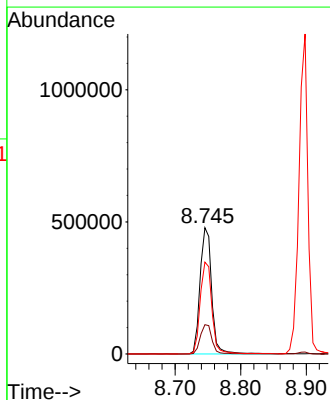
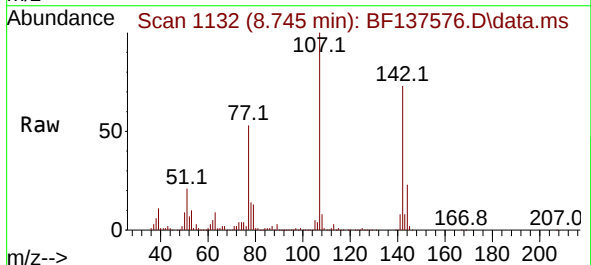
Manual Integrations
APPROVED

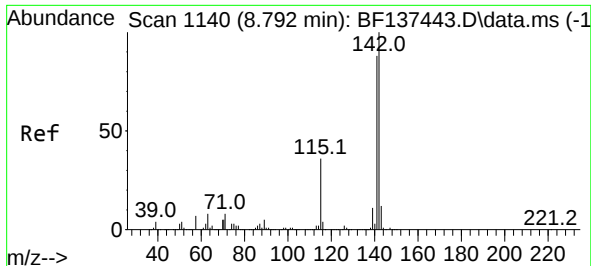
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#36
4-Chloro-3-methylphenol
Concen: 41.920 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:107 Resp: 591734
Ion Ratio Lower Upper
107 100
144 23.2 18.7 28.1
142 72.7 58.2 87.2





#37

2-Methylnaphthalene

Concen: 38.760 ng

RT: 8.898 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:142 Resp: 1137394

Ion Ratio Lower Upper

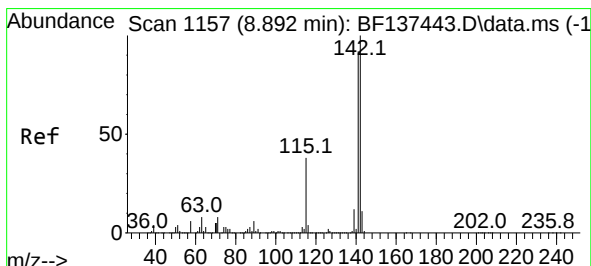
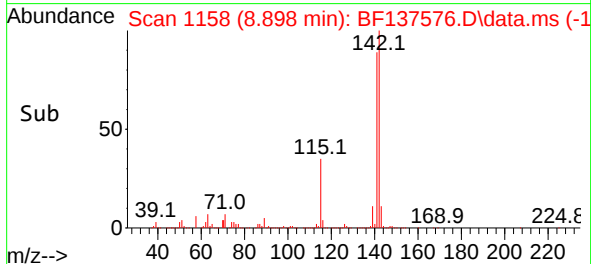
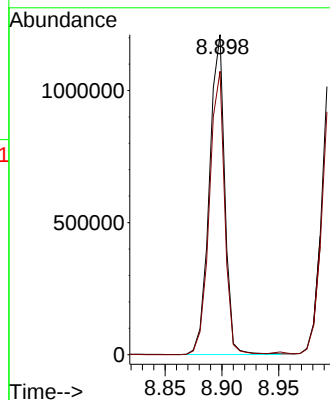
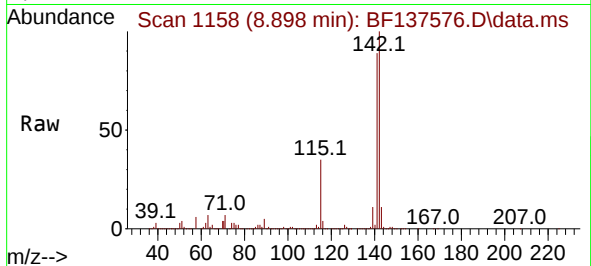
142 100

141 88.5 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#38

1-Methylnaphthalene

Concen: 37.900 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.012 min

Lab File: BF137576.D

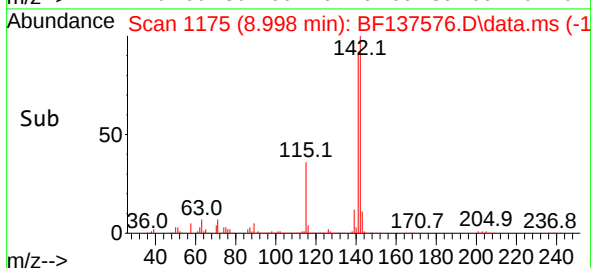
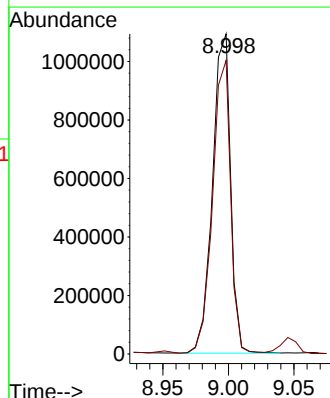
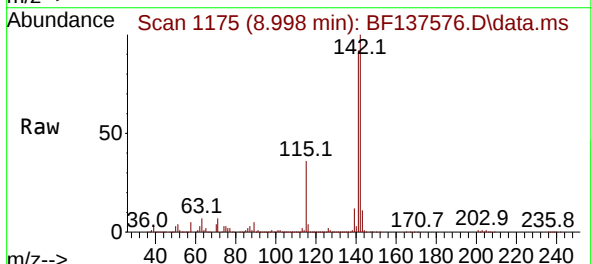
Acq: 13 Mar 2024 14:46

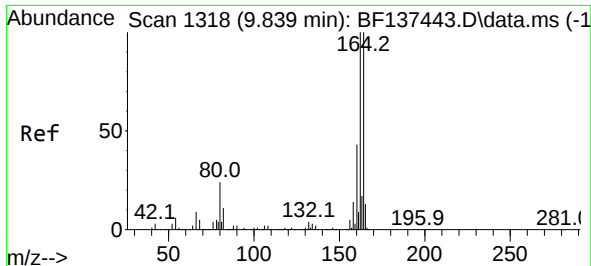
Tgt Ion:142 Resp: 1047349

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF137576.D

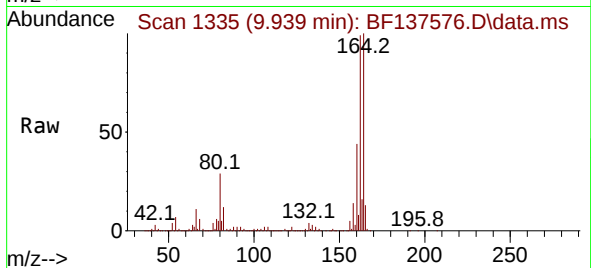
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD



Tgt Ion:164 Resp: 47414

Ion Ratio Lower Upper

164 100

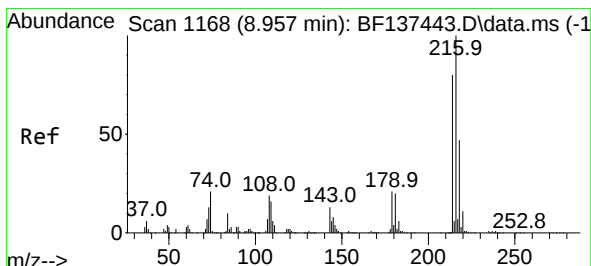
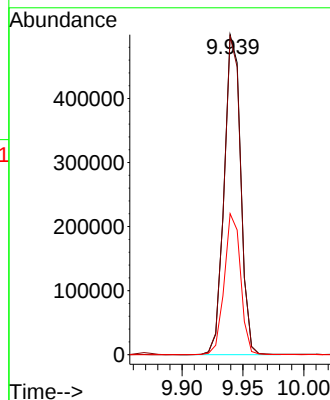
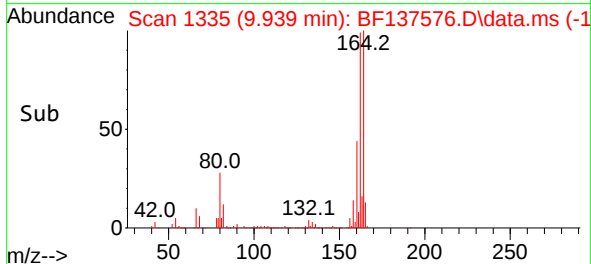
162 99.5 79.8 119.8

160 44.1 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.365 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Tgt Ion:216 Resp: 547548

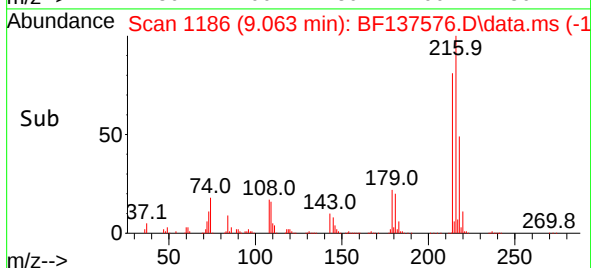
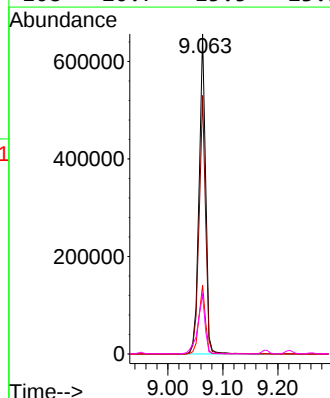
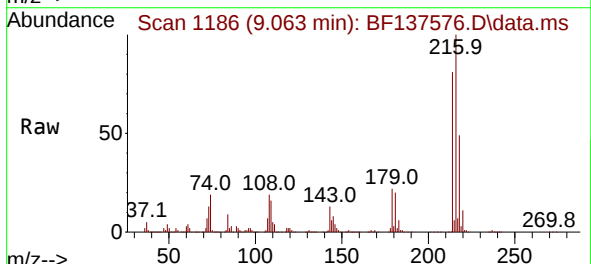
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 21.1 16.6 25.0

108 20.7 15.5 23.3





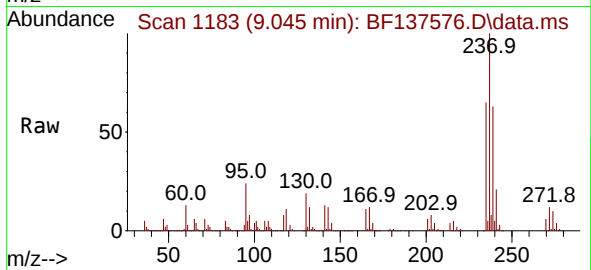
#41
Hexachlorocyclopentadiene
Concen: 78.654 ng
RT: 9.045 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

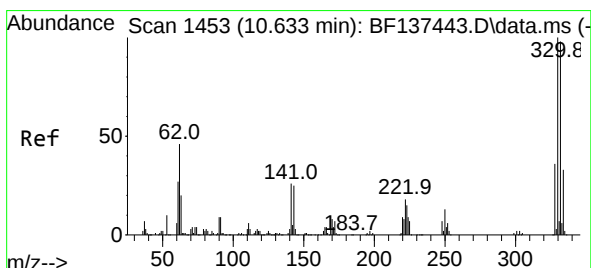
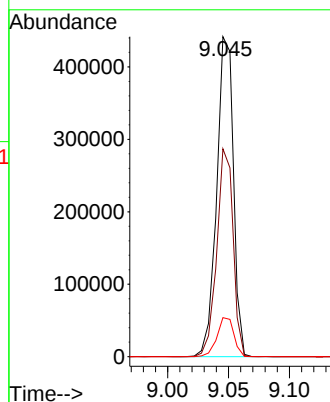
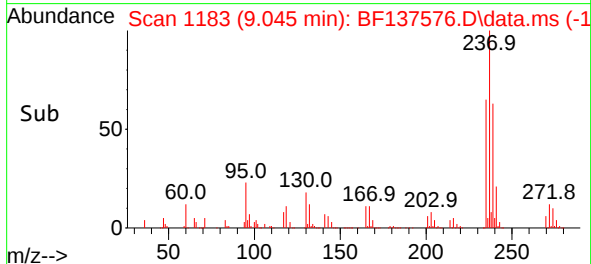


Tgt Ion:237 Resp: 42404
Ion Ratio Lower Upper
237 100
235 65.0 43.6 83.6
272 12.2 0.0 31.9

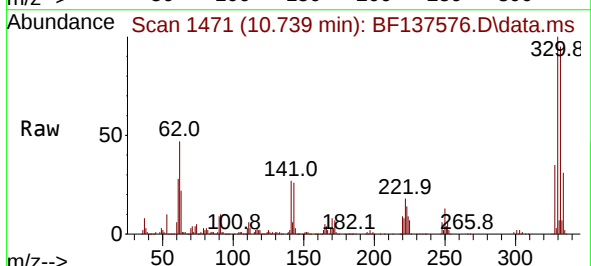
Manual Integrations

APPROVED

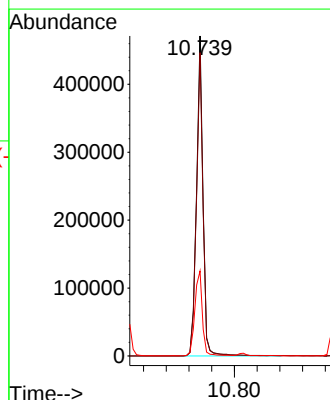
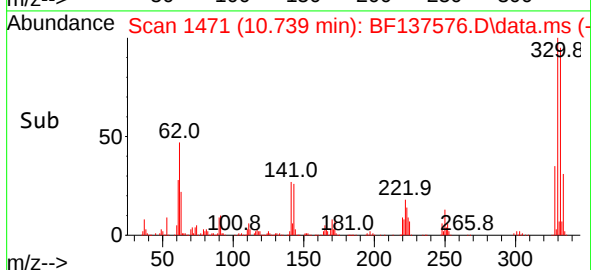
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

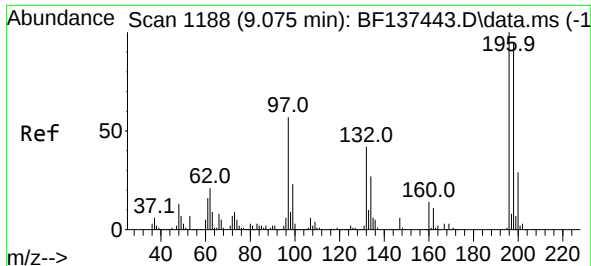


#42
2,4,6-Tribromophenol
Concen: 90.865 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion:330 Resp: 378343
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 30.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 42.995 ng

RT: 9.181 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:196 Resp: 370610

Ion Ratio Lower Upper

196 100

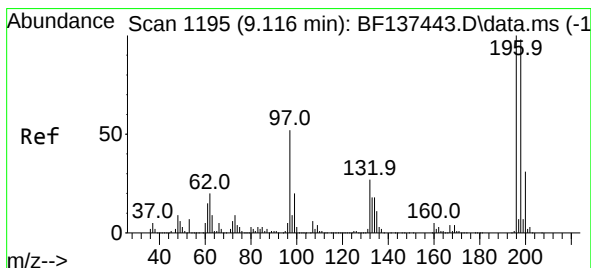
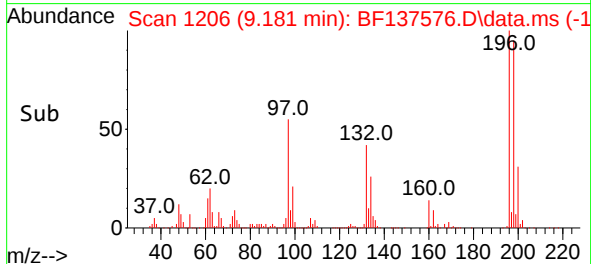
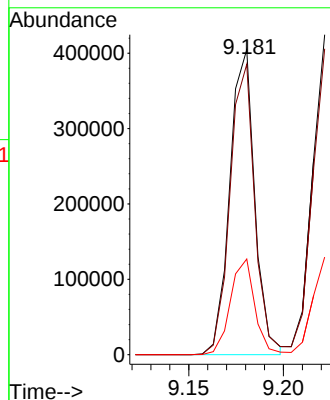
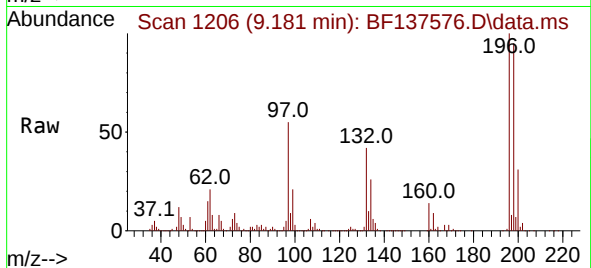
198 95.2 75.8 113.8

200 31.4 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#44

2,4,5-Trichlorophenol

Concen: 38.887 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.012 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Tgt Ion:196 Resp: 386132

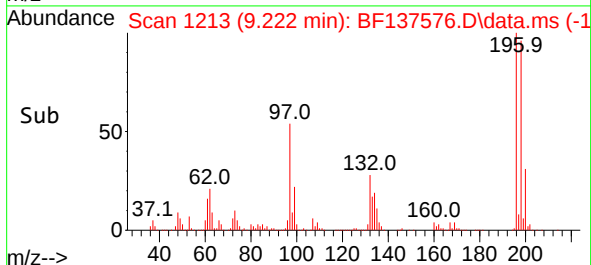
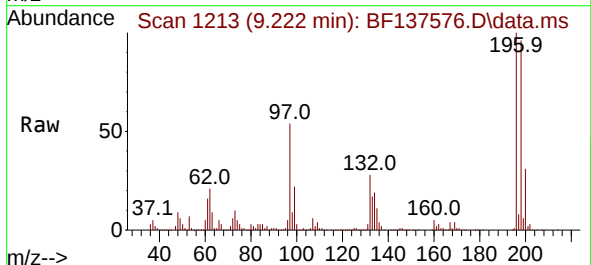
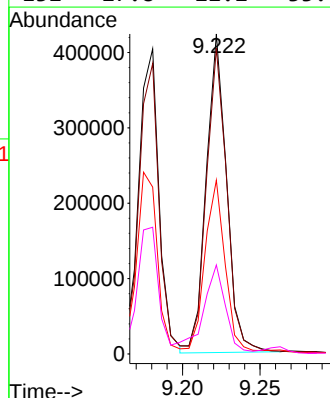
Ion Ratio Lower Upper

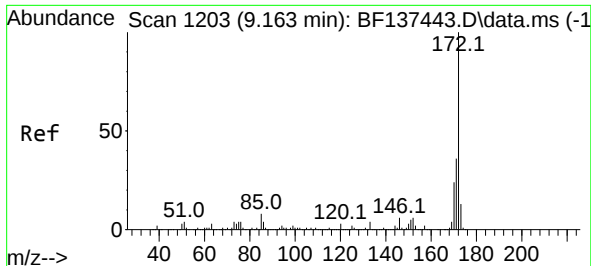
196 100

198 95.6 78.6 117.8

97 54.3 41.8 62.8

132 27.8 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 55.830 ng
RT: 9.263 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

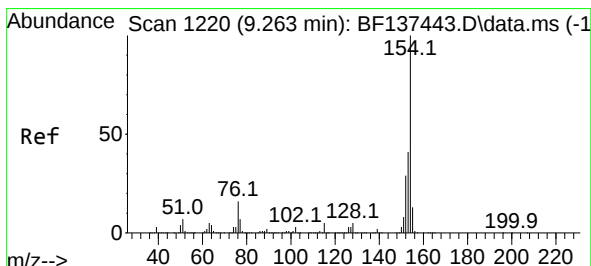
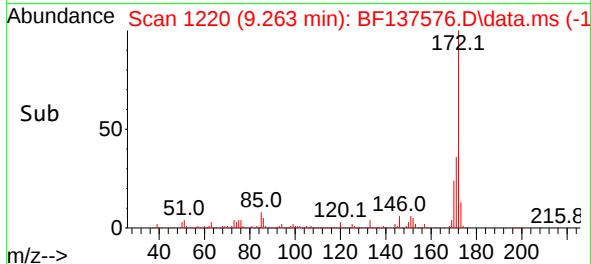
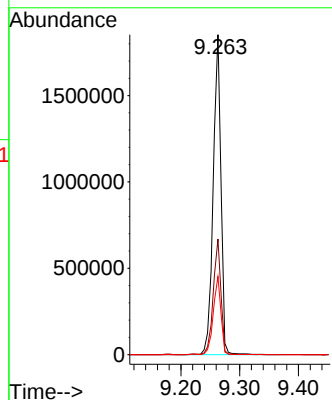
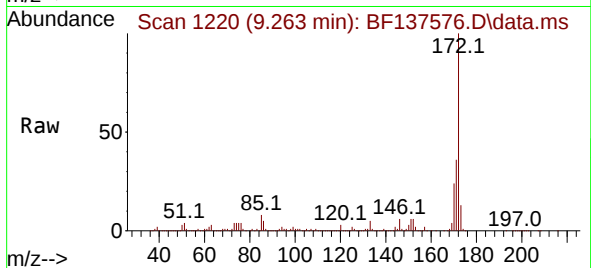
RT-3860MSD

Tgt Ion:172 Resp: 1691070
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.4 19.0 28.6

Manual Integrations

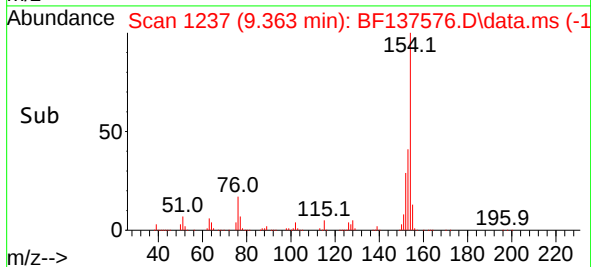
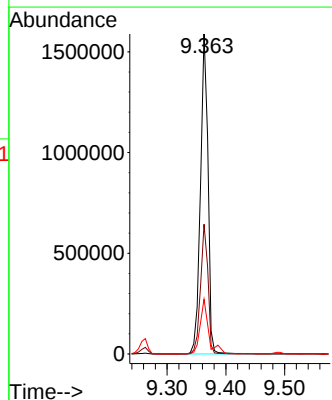
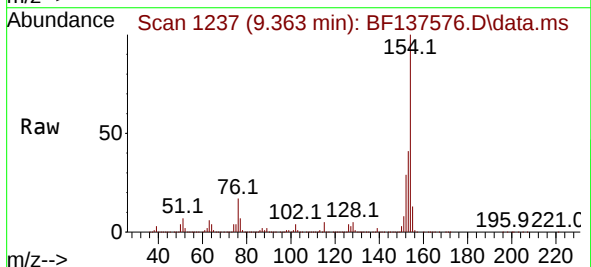
APPROVED

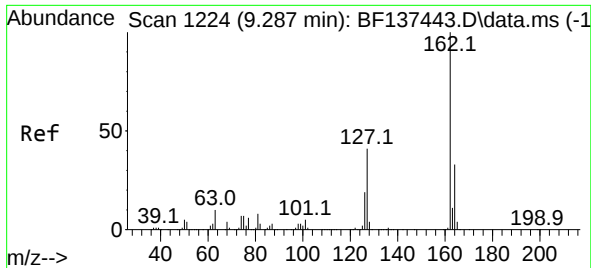
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#46
1,1'-Biphenyl
Concen: 40.678 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:154 Resp: 1411632
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 17.1 0.0 35.8





#47

2-Chloronaphthalene

Concen: 41.467 ng

RT: 9.386 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:162 Resp: 109714

Ion Ratio Lower Upper

162 100

127 42.0 32.6 49.0

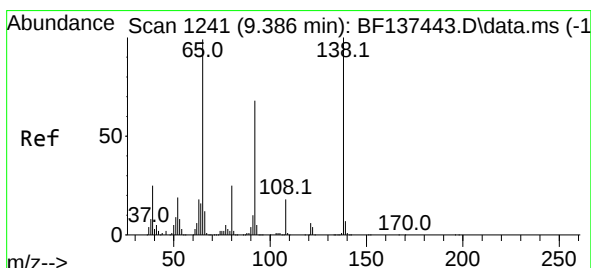
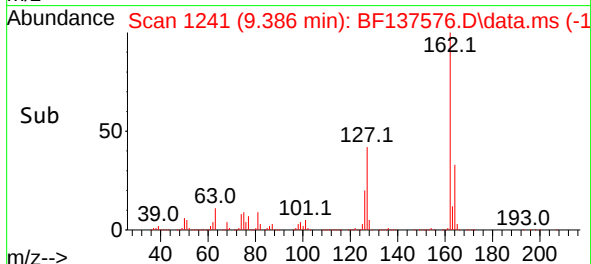
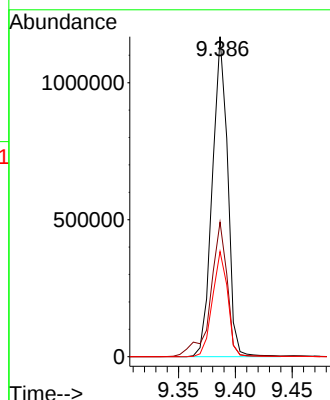
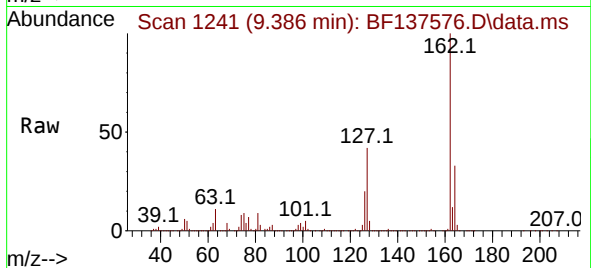
164 32.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#48

2-Nitroaniline

Concen: 42.339 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

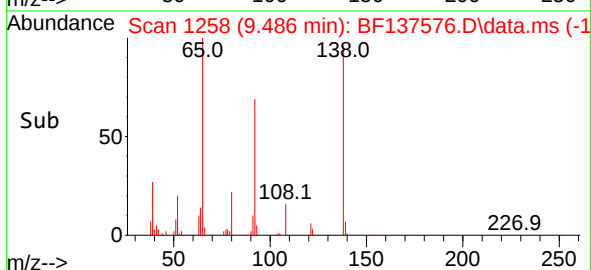
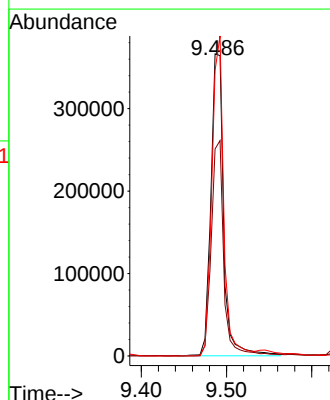
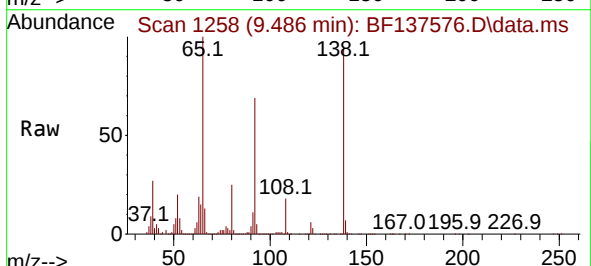
Tgt Ion: 65 Resp: 380752

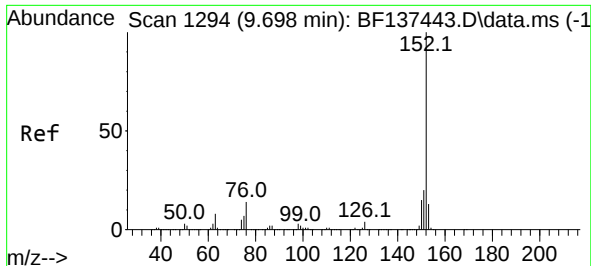
Ion Ratio Lower Upper

65 100

92 68.5 55.4 83.2

138 94.5 81.0 121.6





#49

Acenaphthylene

Concen: 41.070 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:152 Resp: 1739008

Ion Ratio Lower Upper

152 100

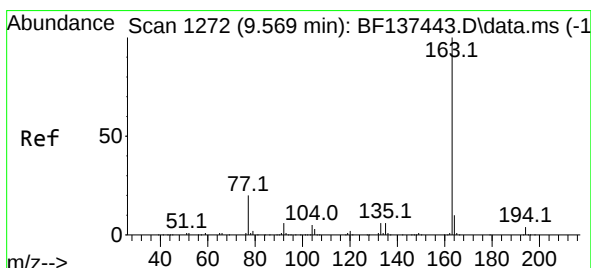
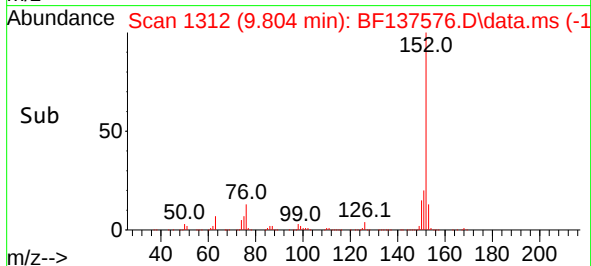
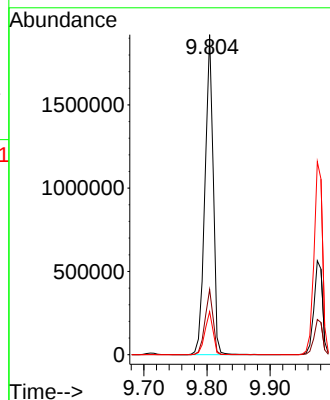
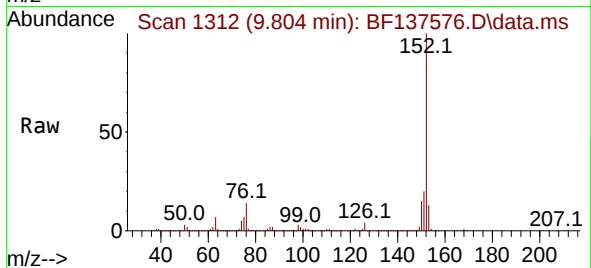
151 20.4 16.2 24.4

153 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#50

Dimethylphthalate

Concen: 40.610 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

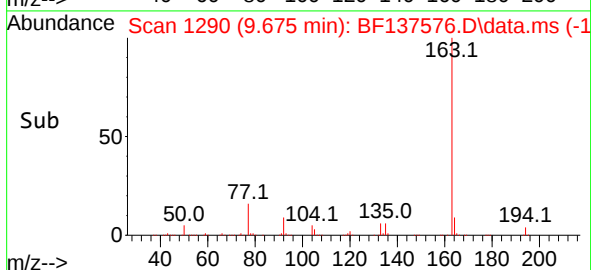
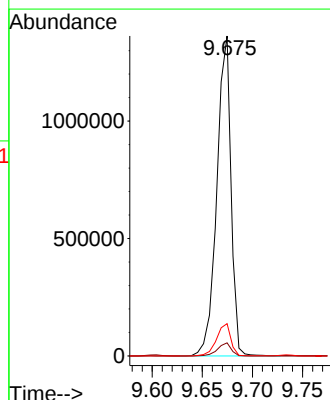
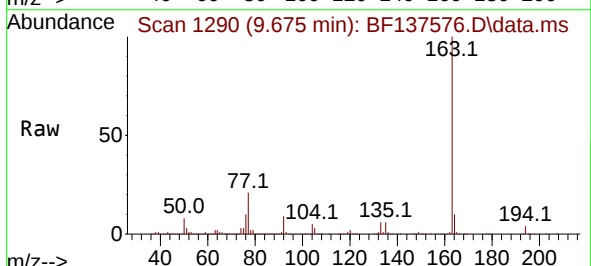
Tgt Ion:163 Resp: 1340363

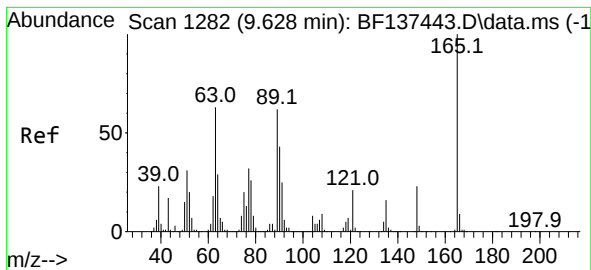
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

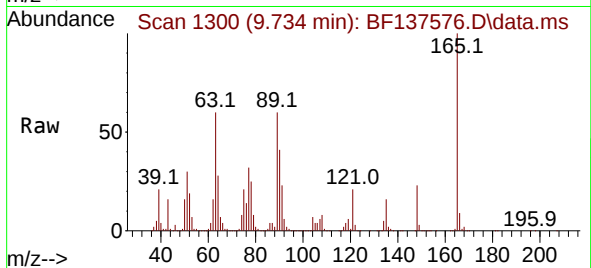
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.538 ng
RT: 9.734 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

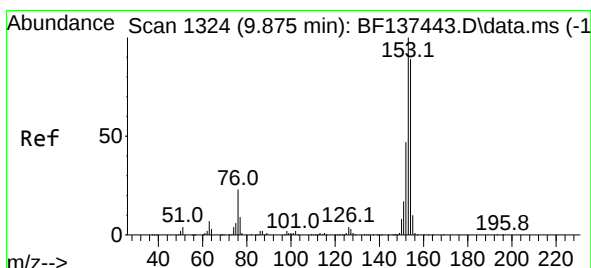
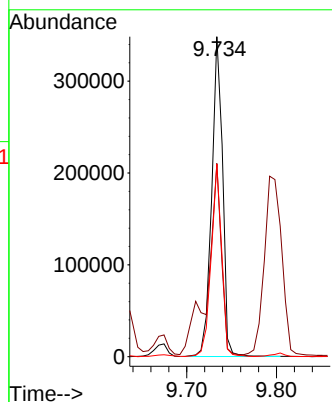
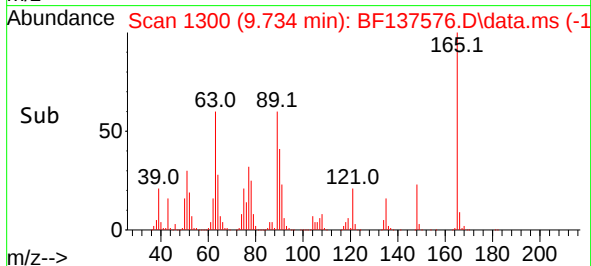
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:165 Resp: 293659
Ion Ratio Lower Upper
165 100
63 60.4 50.7 76.1
89 60.2 50.0 75.0

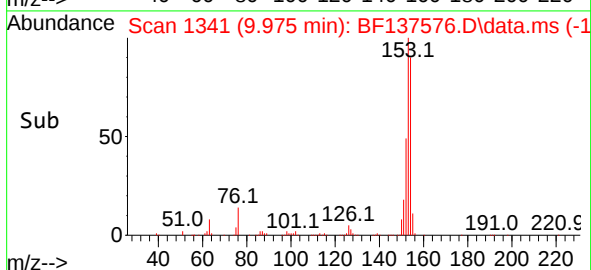
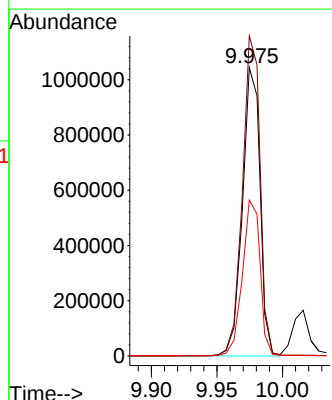
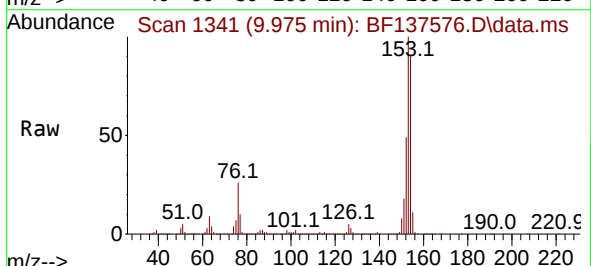
Manual Integrations
APPROVED

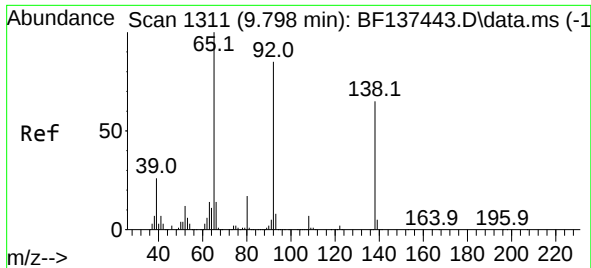
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#52
Acenaphthene
Concen: 38.628 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:154 Resp: 976453
Ion Ratio Lower Upper
154 100
153 111.0 90.3 135.5
152 54.1 42.7 64.1





#53
3-Nitroaniline
Concen: 21.091 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

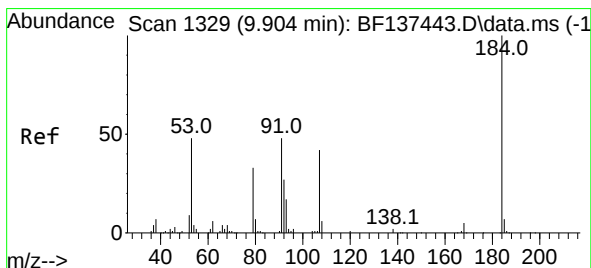
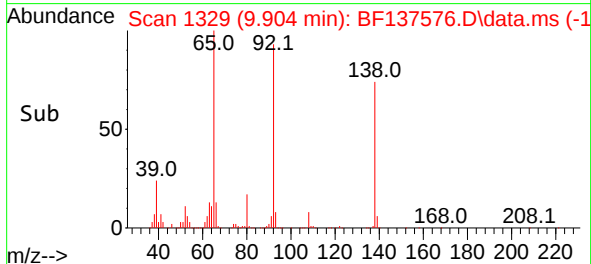
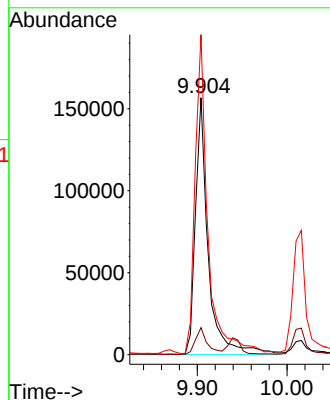
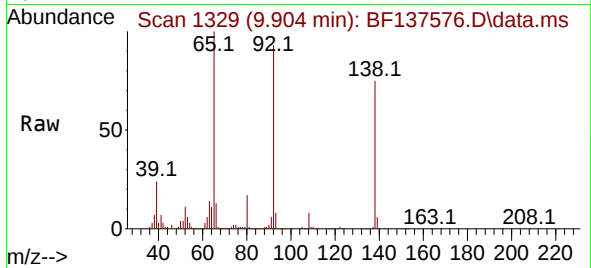
RT-3860MSD

Tgt Ion:138 Resp: 154008
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 124.5 104.6 157.0

Manual Integrations

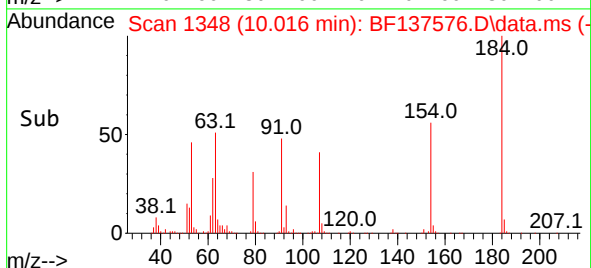
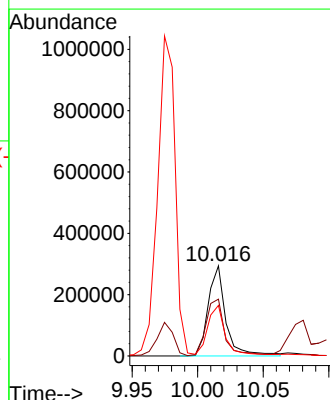
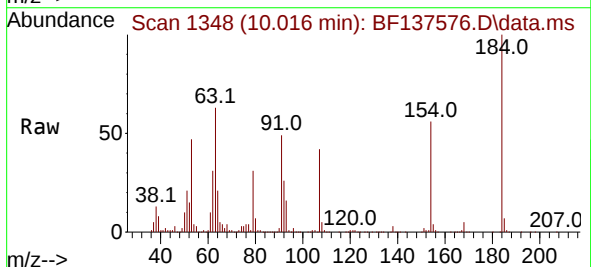
APPROVED

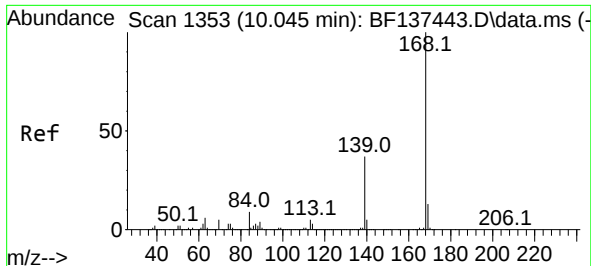
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#54
2,4-Dinitrophenol
Concen: 81.665 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:184 Resp: 275622
Ion Ratio Lower Upper
184 100
63 63.0 53.3 79.9
154 56.1 47.4 71.0





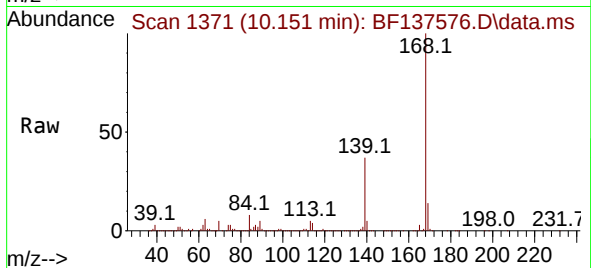
#55
Dibenzenofuran
Concen: 38.126 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

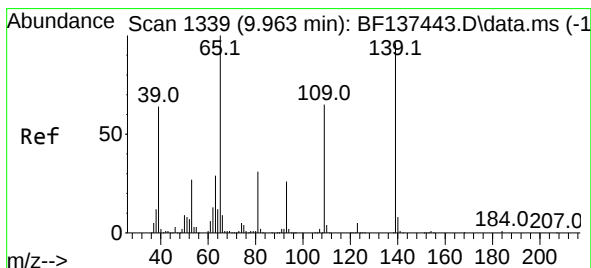
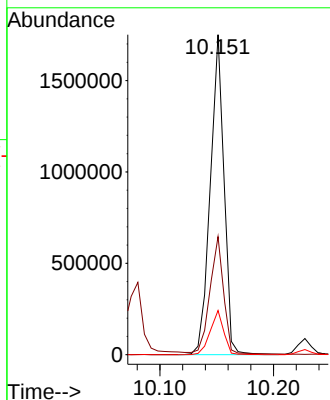
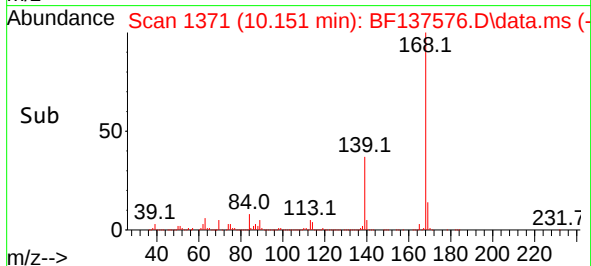


Tgt Ion:168 Resp: 146789
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.6
169 13.8 10.8 16.2

Manual Integrations

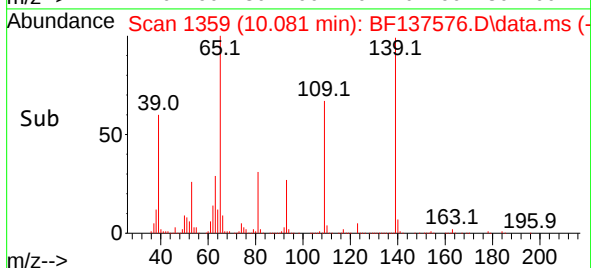
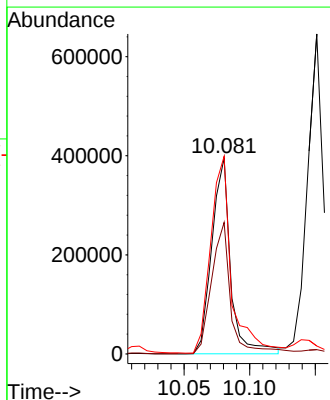
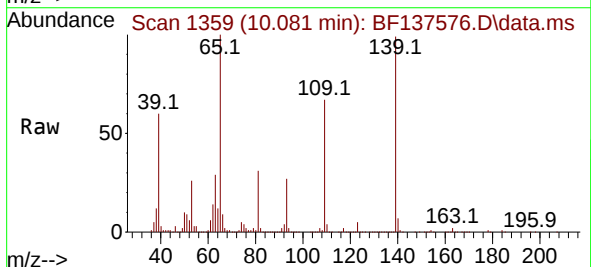
APPROVED

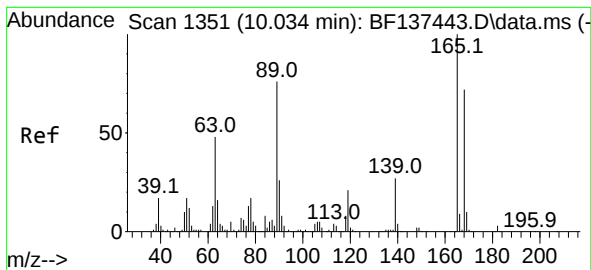
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#56
4-Nitrophenol
Concen: 76.625 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.018 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:139 Resp: 397025
Ion Ratio Lower Upper
139 100
109 67.0 47.1 87.1
65 100.8 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 42.389 ng
RT: 10.139 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

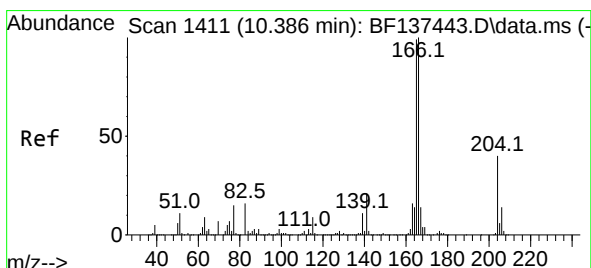
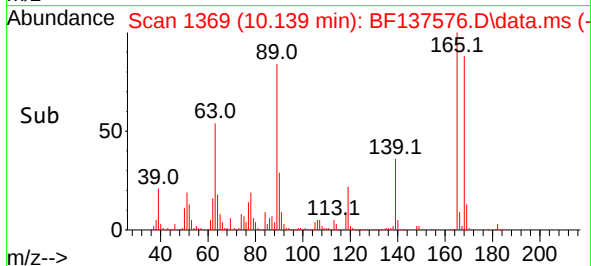
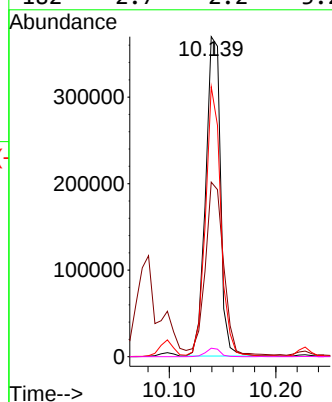
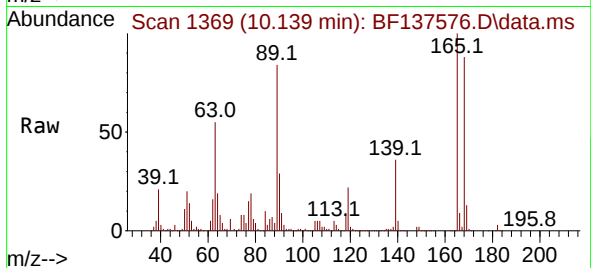
RT-3860MSD

Tgt Ion:165 Resp: 35952
Ion Ratio Lower Upper
165 100
63 54.6 39.0 58.6
89 84.4 60.9 91.3
182 2.7 2.2 3.2

Manual Integrations

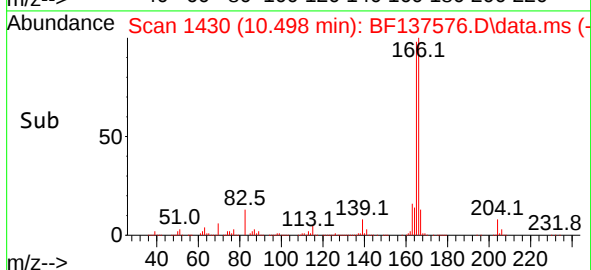
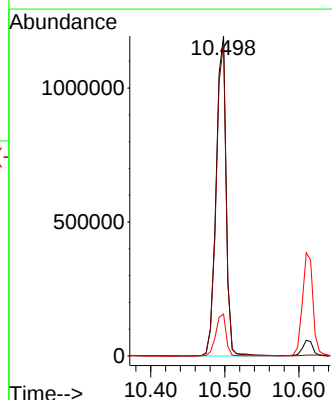
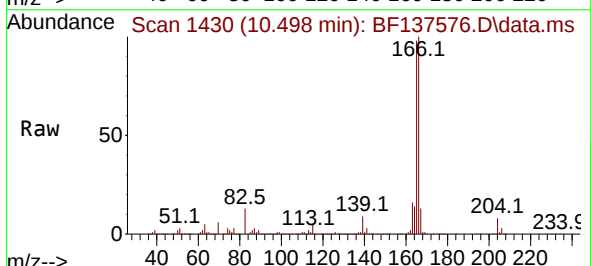
APPROVED

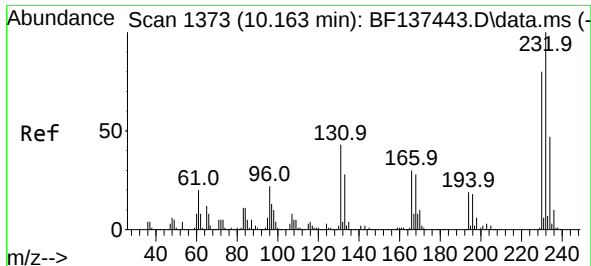
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#58
Fluorene
Concen: 37.623 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

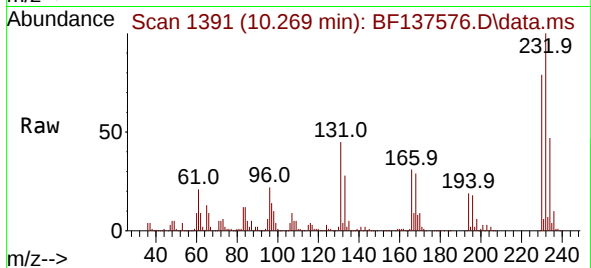
Tgt Ion:166 Resp: 1112434
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 13.1 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.471 ng m
RT: 10.269 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

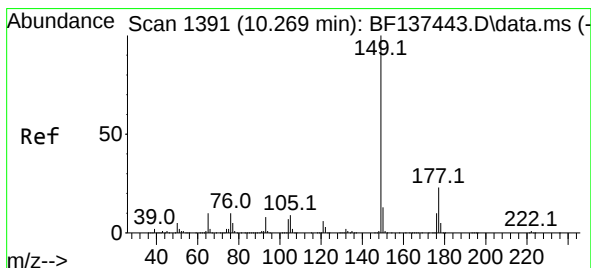
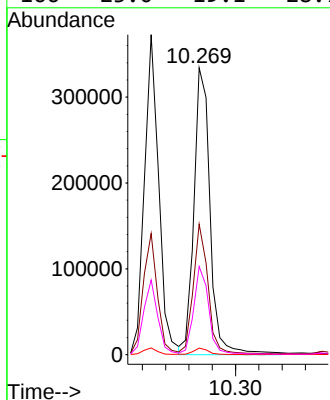
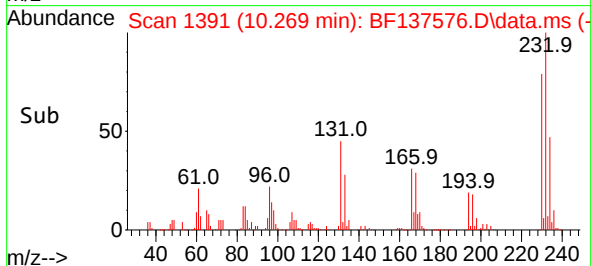
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



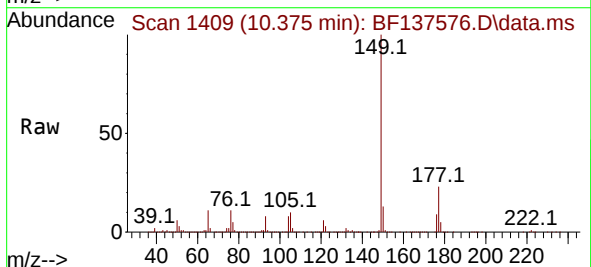
Tgt Ion:232 Resp: 322261
Ion Ratio Lower Upper
232 100
131 37.4 31.2 46.8
130 2.1 1.8 2.6
166 23.0 19.1 28.7

Manual Integrations
APPROVED

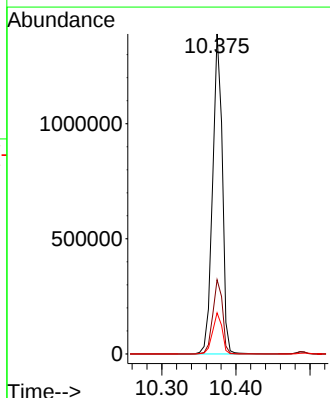
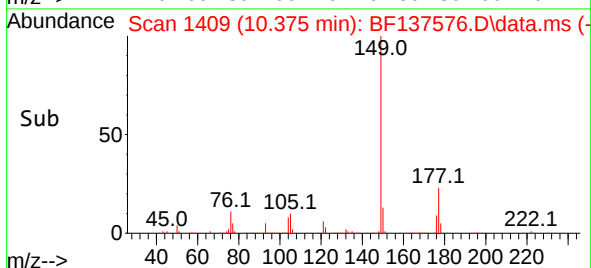
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

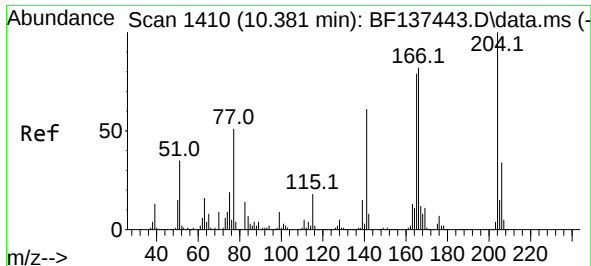


#60
Diethylphthalate
Concen: 40.339 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



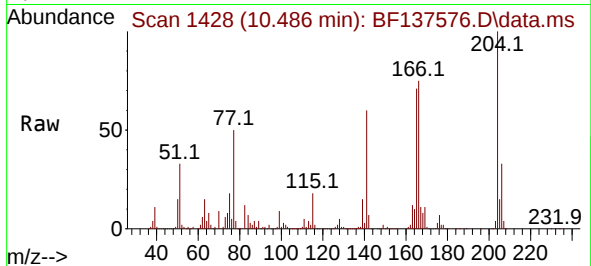
Tgt Ion:149 Resp: 1257302
Ion Ratio Lower Upper
149 100
177 23.2 18.7 28.1
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.258 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

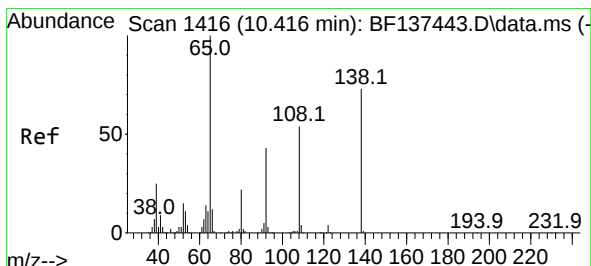
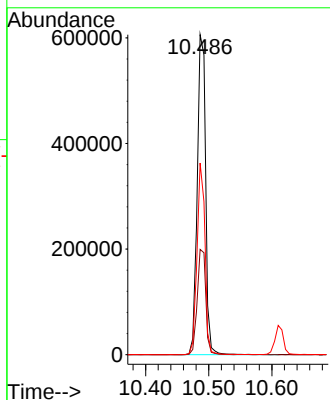
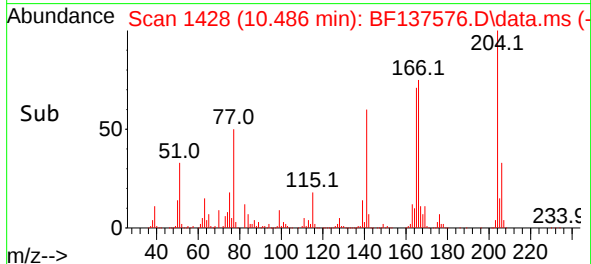
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



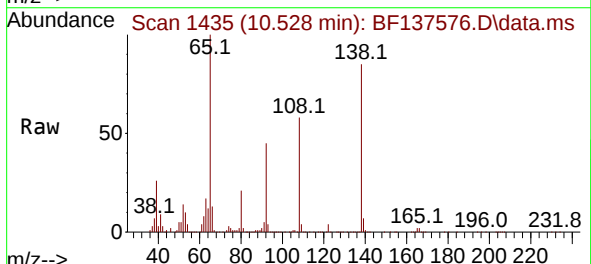
Tgt Ion:204 Resp: 55441
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.0
141 59.9 48.4 72.6

Manual Integrations
APPROVED

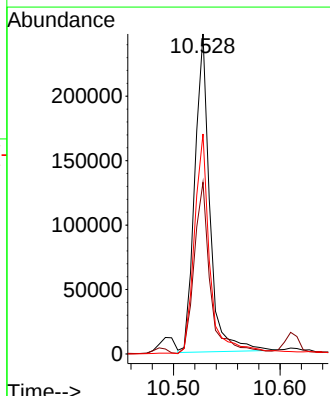
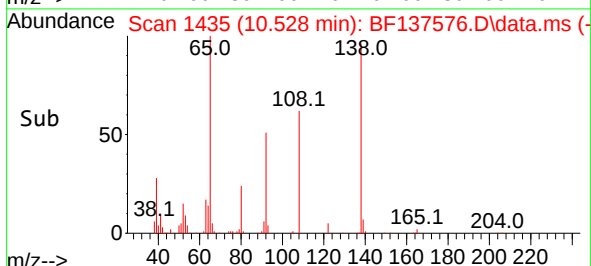
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

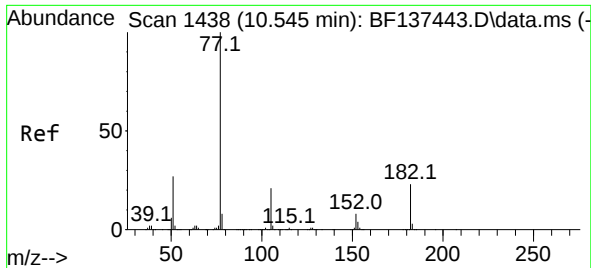


#62
4-Nitroaniline
Concen: 38.627 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



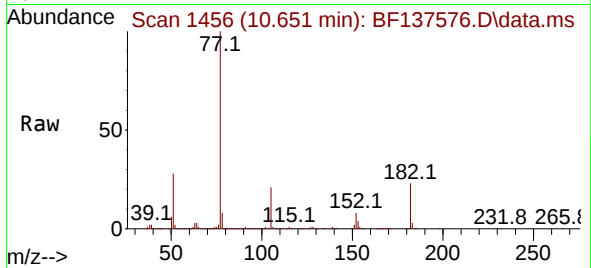
Tgt Ion:138 Resp: 242425
Ion Ratio Lower Upper
138 100
92 53.6 37.9 77.9
108 68.7 53.2 93.2





#63
Azobenzene
Concen: 38.682 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

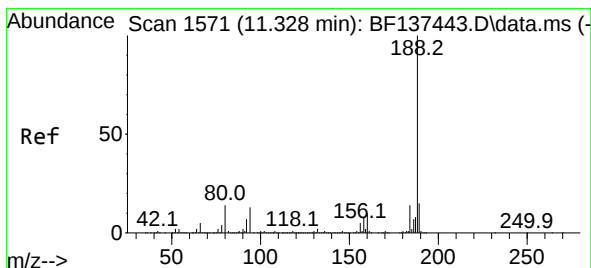
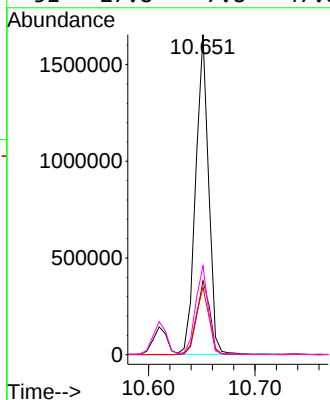
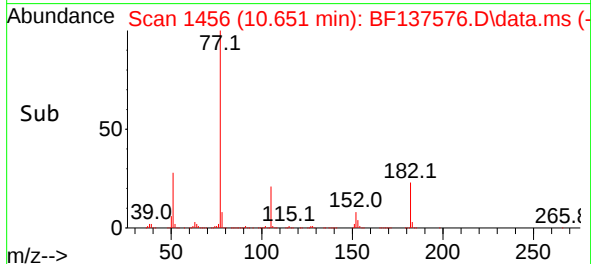
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion: 77 Resp: 138831
Ion Ratio Lower Upper
77 100
182 23.1 3.2 43.2
105 21.0 1.2 41.2
51 27.8 7.8 47.8

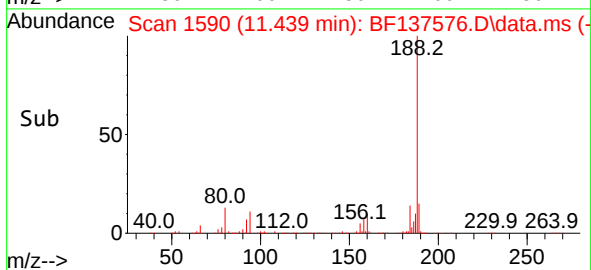
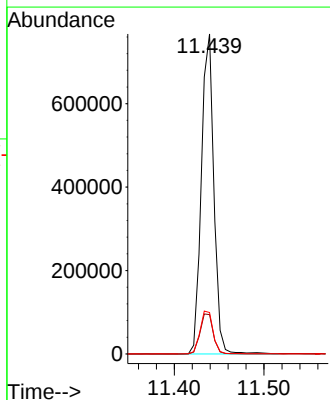
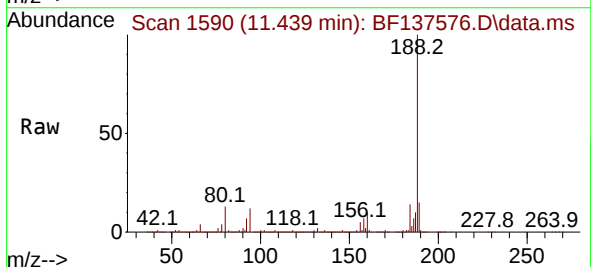
Manual Integrations
APPROVED

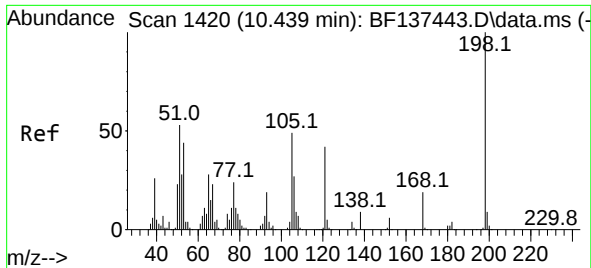
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

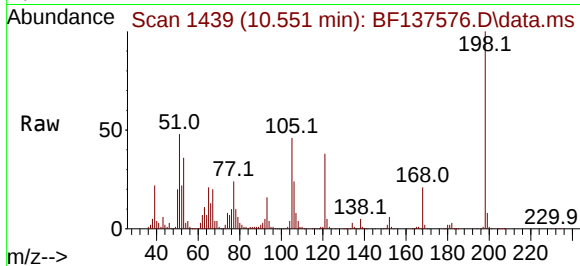
Tgt Ion:188 Resp: 742236
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 12.9 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.675 ng
RT: 10.551 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

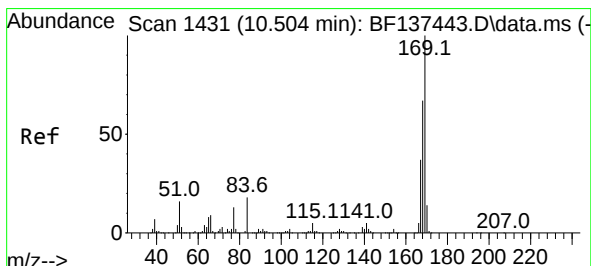
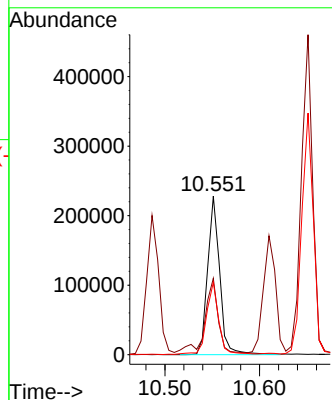
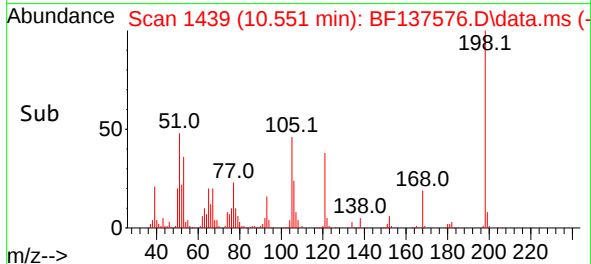
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



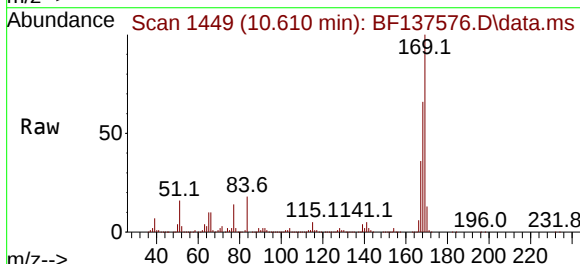
Tgt Ion:198 Resp: 201362
Ion Ratio Lower Upper
198 100
51 48.2 37.2 77.2
105 45.6 29.2 69.2

Manual Integrations
APPROVED

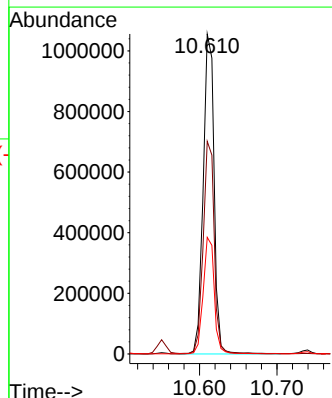
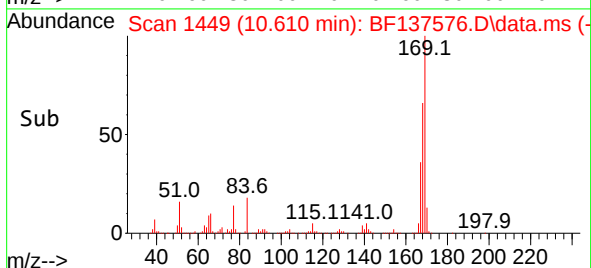
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

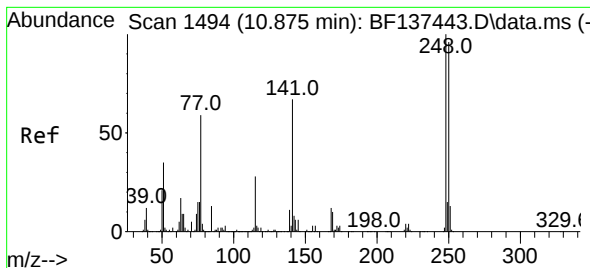


#66
n-Nitrosodiphenylamine
Concen: 43.180 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



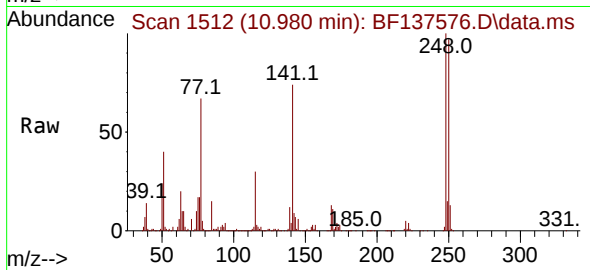
Tgt Ion:169 Resp: 1032035
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.277 ng
RT: 10.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

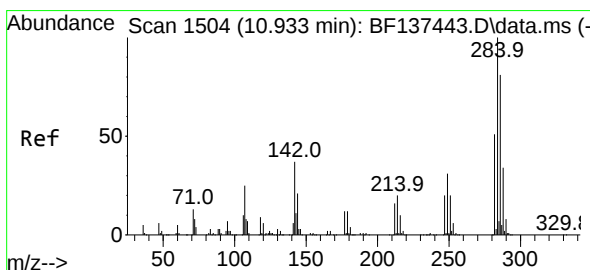
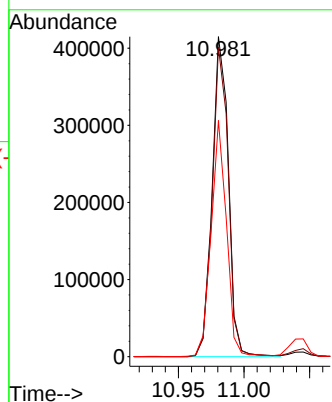
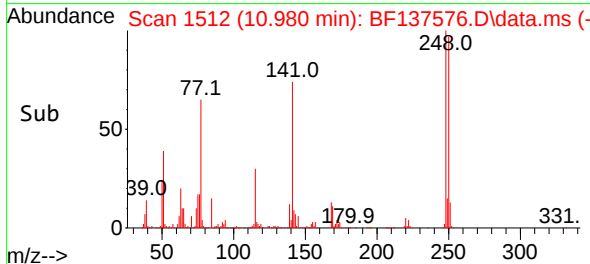
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



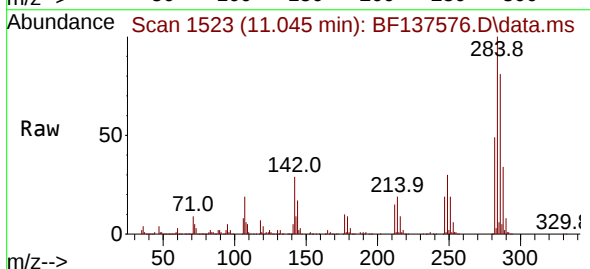
Tgt Ion:248 Resp: 35794
Ion Ratio Lower Upper
248 100
250 96.7 76.8 115.2
141 73.8 53.4 80.0

Manual Integrations
APPROVED

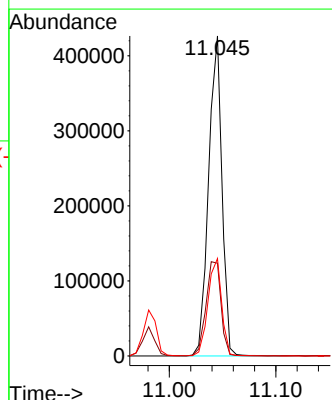
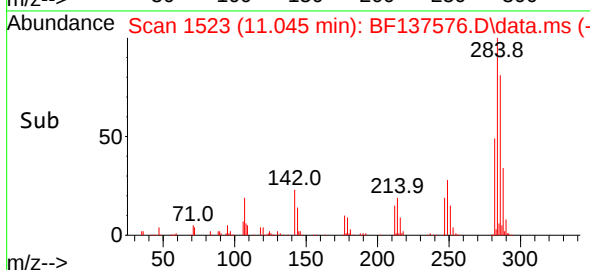
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

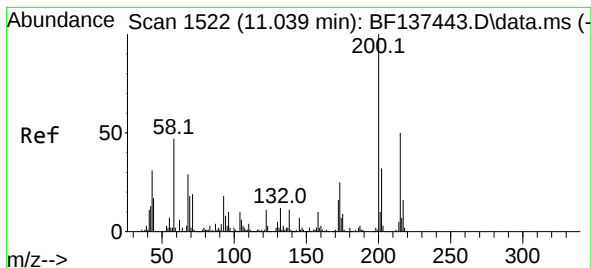


#68
Hexachlorobenzene
Concen: 45.804 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion:284 Resp: 374002
Ion Ratio Lower Upper
284 100
142 29.0 29.4 44.0#
249 30.5 25.0 37.4





#69

Atrazine

Concen: 44.321 ng

RT: 11.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

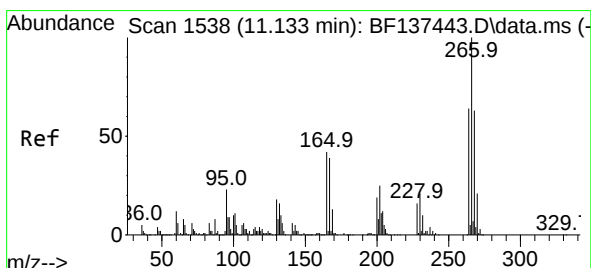
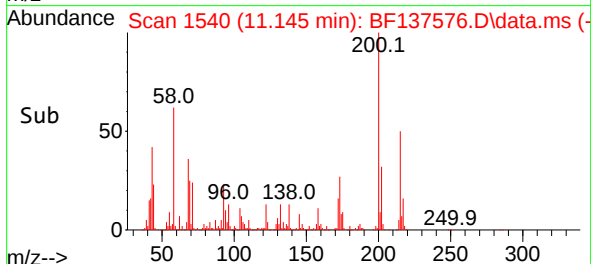
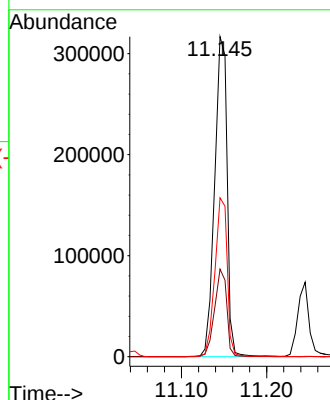
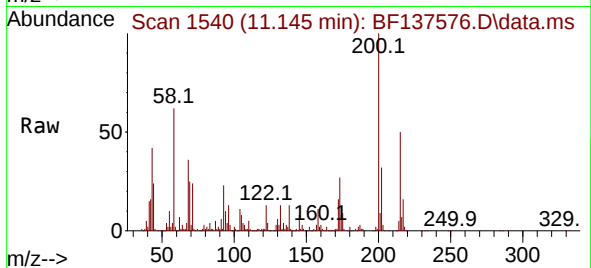
RT-3860MSD

Tgt Ion:200 Resp: 32203
 Ion Ratio Lower Upper
 200 100
 173 27.4 5.1 45.1
 215 49.6 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024



#70

Pentachlorophenol

Concen: 79.210 ng

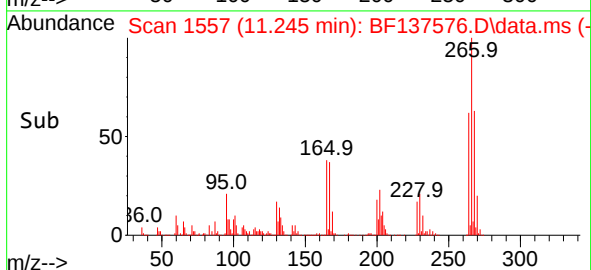
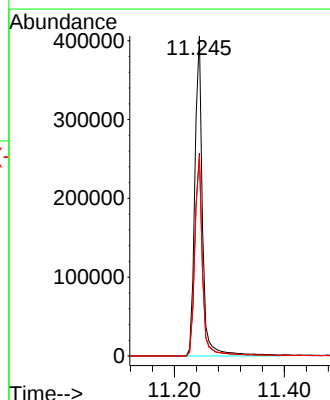
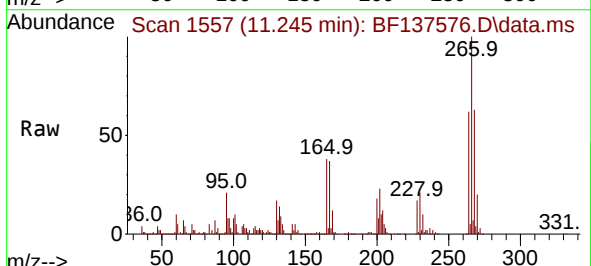
RT: 11.245 min Scan# 1557

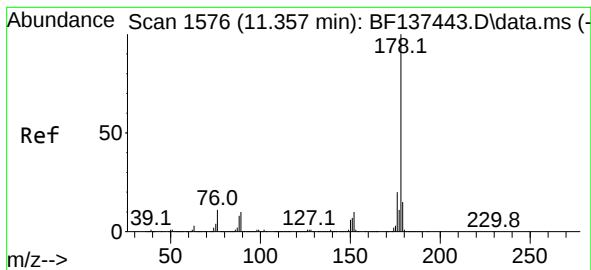
Delta R.T. 0.012 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Tgt Ion:266 Resp: 390982
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.2 75.2
 264 62.4 50.9 76.3





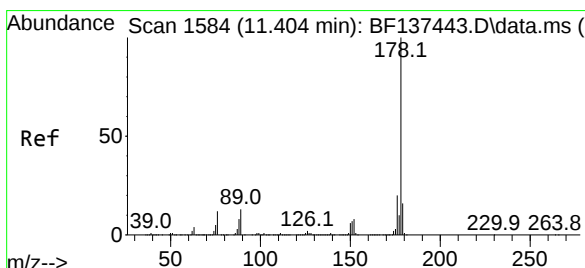
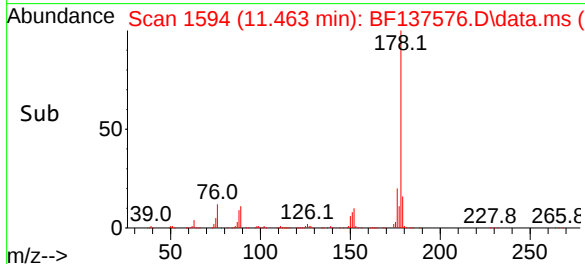
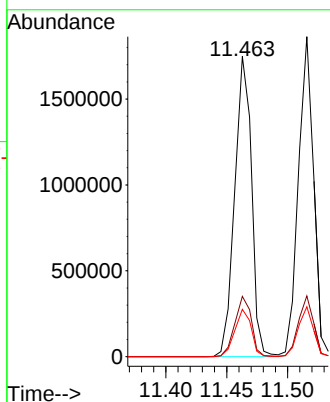
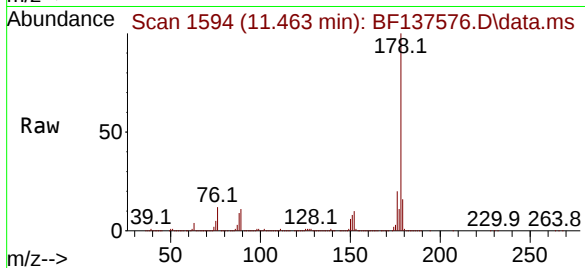
#71
Phenanthrene
Concen: 41.513 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion:178 Resp: 1676880
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 12.2 18.2

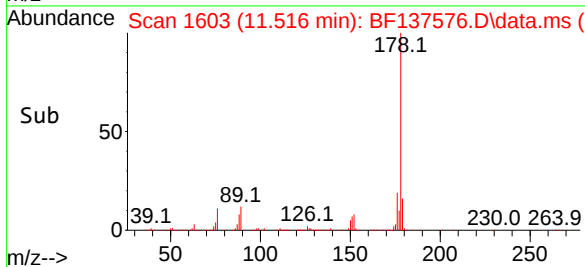
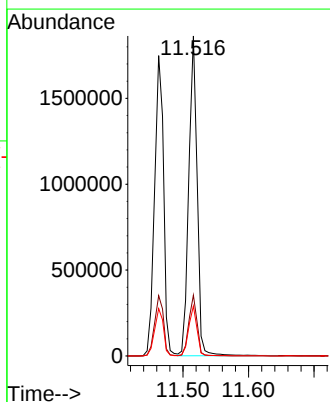
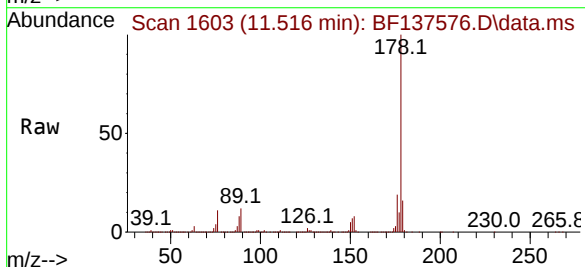
Manual Integrations
APPROVED

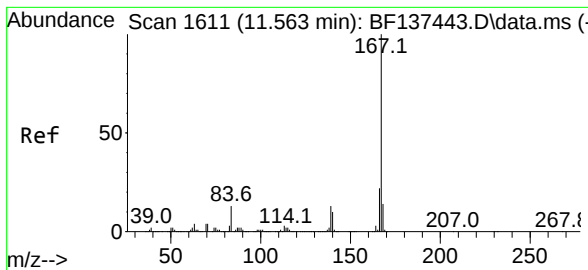
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#72
Anthracene
Concen: 39.777 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

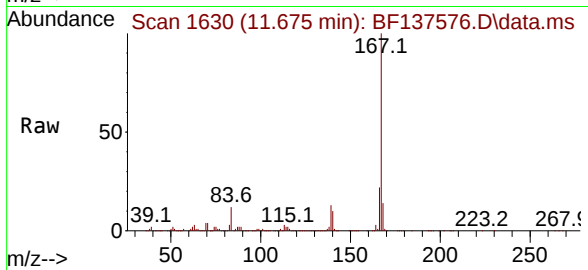
Tgt Ion:178 Resp: 1650240
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.6 12.7 19.1





#73
Carbazole
Concen: 39.601 ng
RT: 11.675 min Scan# 1630
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

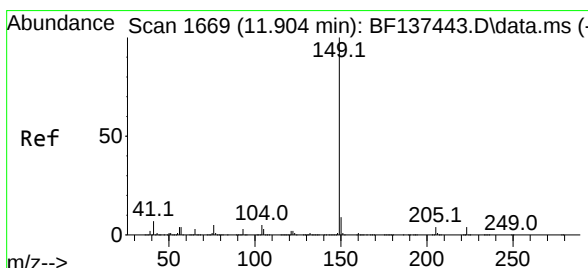
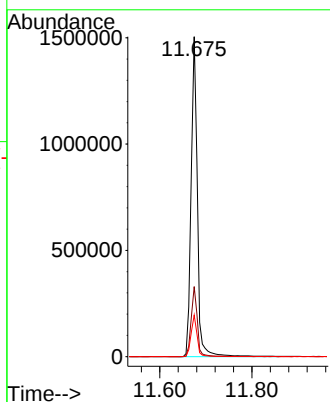
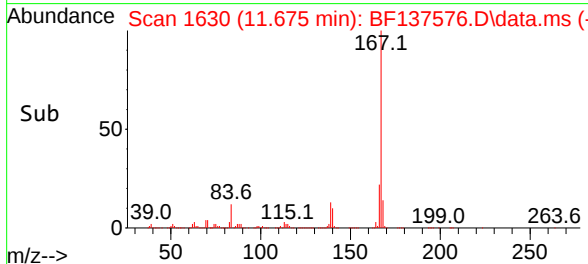
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



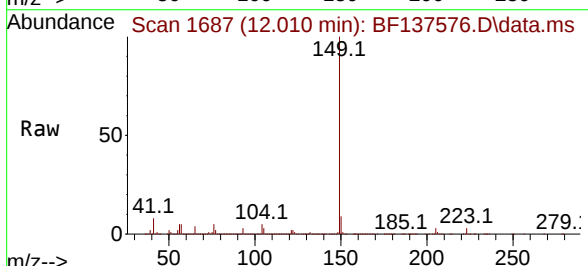
Tgt Ion:167 Resp: 140727
Ion Ratio Lower Upper
167 100
166 21.9 17.8 26.8
139 13.0 10.5 15.7

Manual Integrations
APPROVED

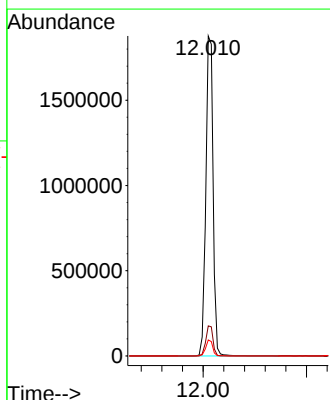
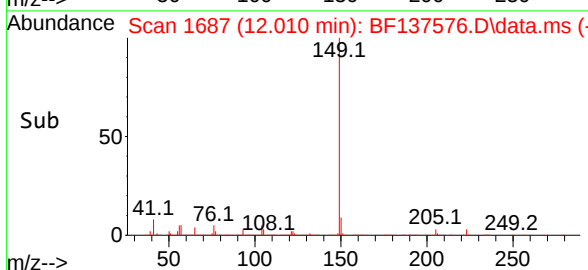
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

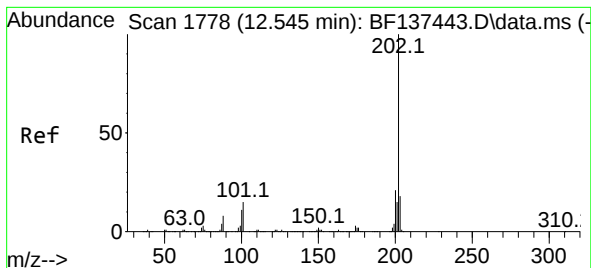


#74
Di-n-butylphthalate
Concen: 43.008 ng
RT: 12.010 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion:149 Resp: 1818405
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 40.760 ng

RT: 12.663 min Scan# 1778

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:202 Resp: 160935

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.0

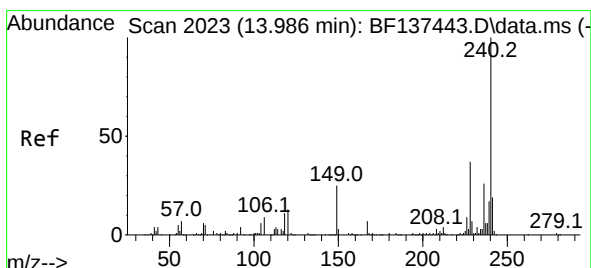
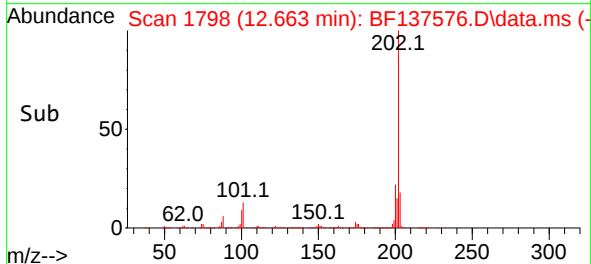
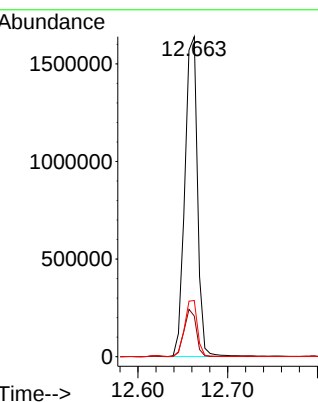
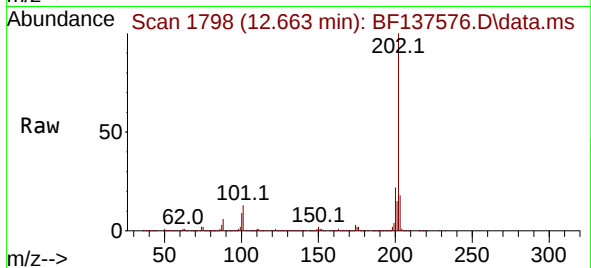
203 17.5 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

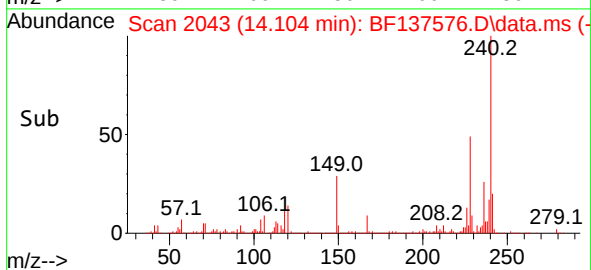
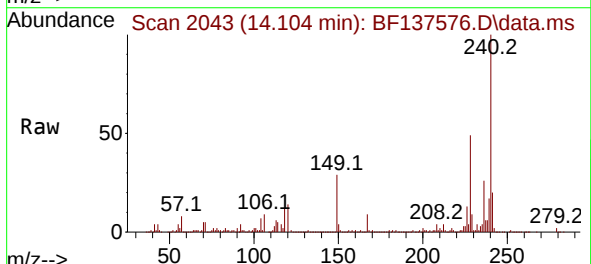
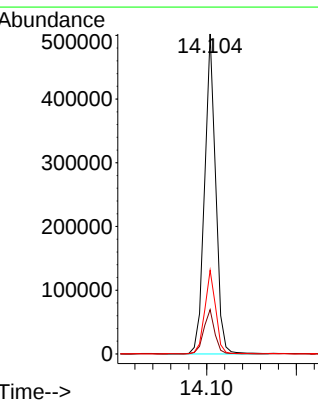
Tgt Ion:240 Resp: 430728

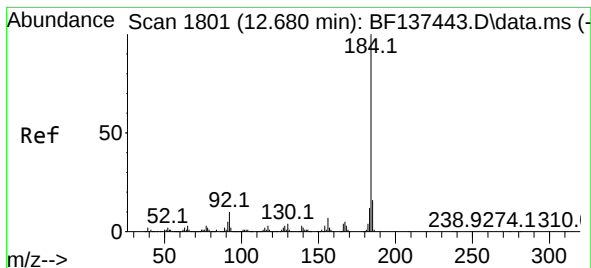
Ion Ratio Lower Upper

240 100

120 13.8 10.4 15.6

236 26.1 20.9 31.3





#77

Benzidine

Concen: 45.701 ng

RT: 12.792 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

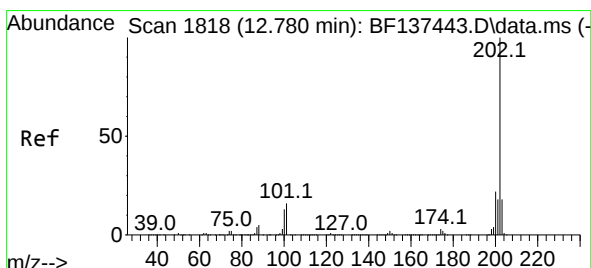
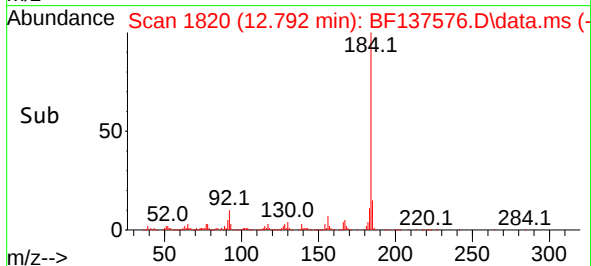
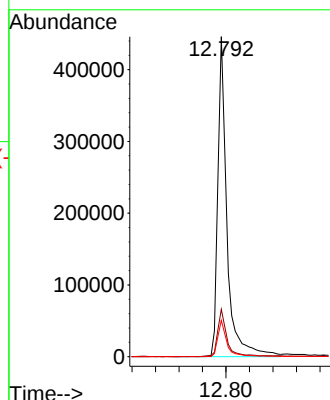
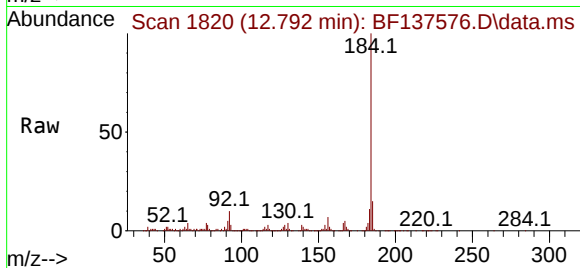
RT-3860MSD

Tgt Ion:184	Resp: 481725
Ion Ratio	Lower Upper
184 100	
185 14.8	13.2 19.8
183 11.3	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#78

Pyrene

Concen: 38.421 ng

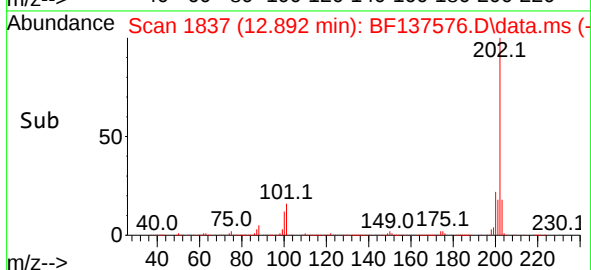
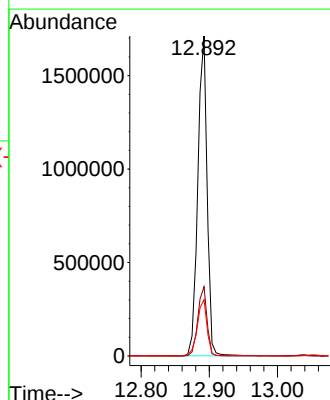
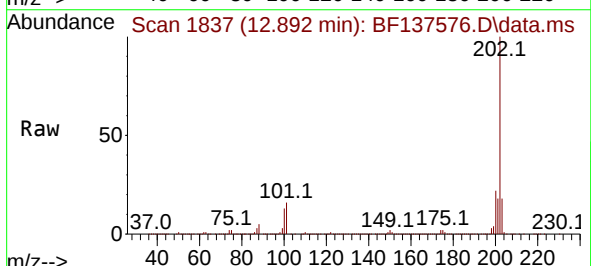
RT: 12.892 min Scan# 1837

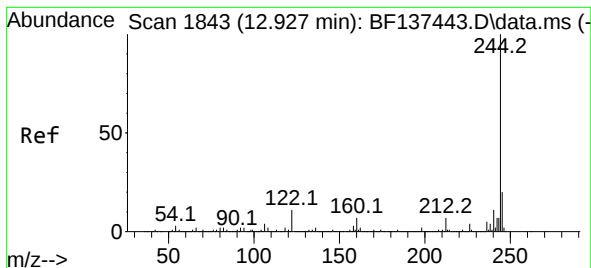
Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Tgt Ion:202	Resp: 1623845
Ion Ratio	Lower Upper
202 100	
200 21.6	17.4 26.2
203 17.6	14.1 21.1





#79

Terphenyl-d14

Concen: 49.623 ng

RT: 13.039 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF137576.D

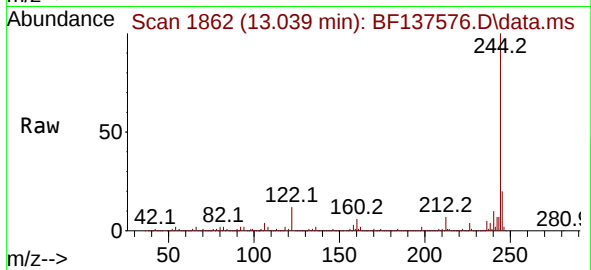
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD



Tgt Ion:244 Resp: 1554339

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

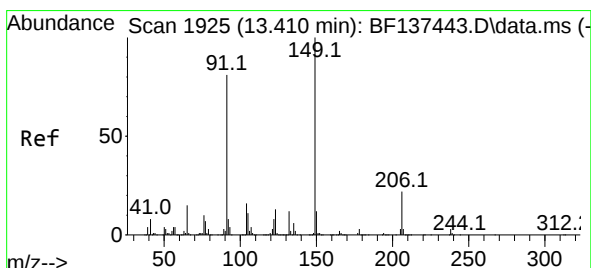
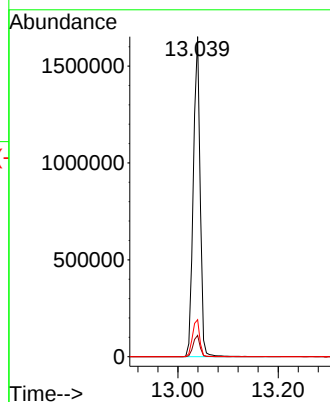
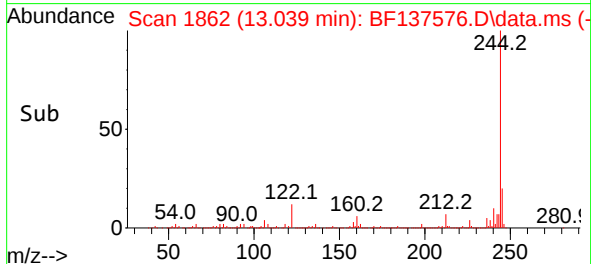
122 11.6 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#80

Butylbenzylphthalate

Concen: 55.404 ng

RT: 13.522 min Scan# 1944

Delta R.T. 0.000 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

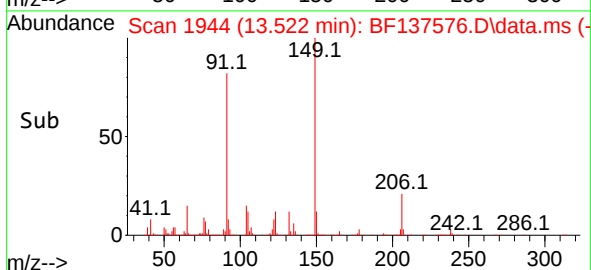
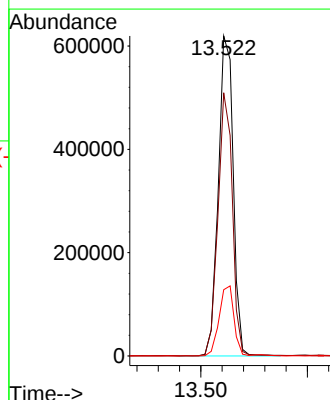
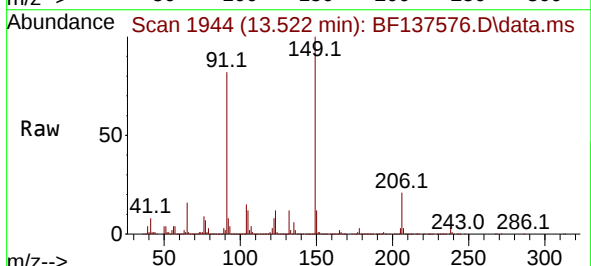
Tgt Ion:149 Resp: 598009

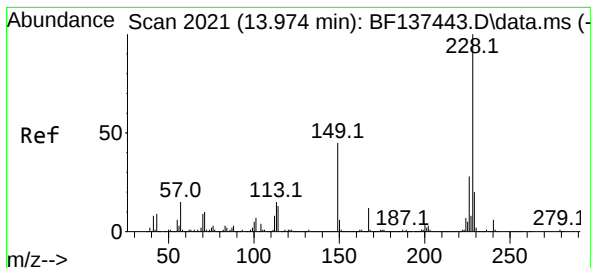
Ion Ratio Lower Upper

149 100

91 82.3 64.7 97.1

206 20.7 17.5 26.3





#81

Benzo(a)anthracene

Concen: 42.703 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF137576.D

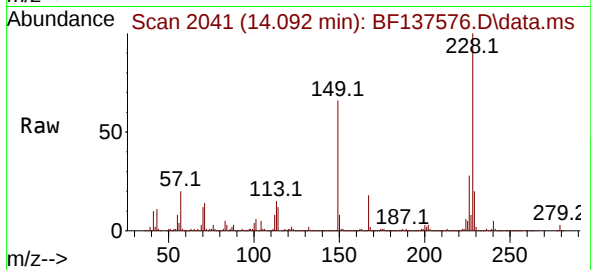
Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD



Tgt Ion:228 Resp: 1289180

Ion Ratio Lower Upper

228 100

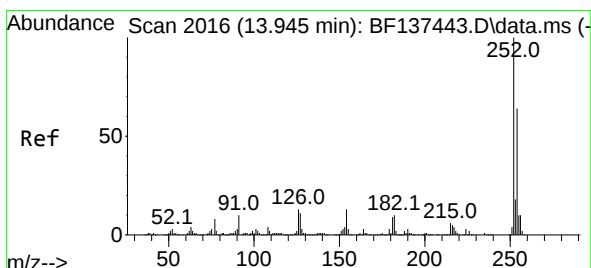
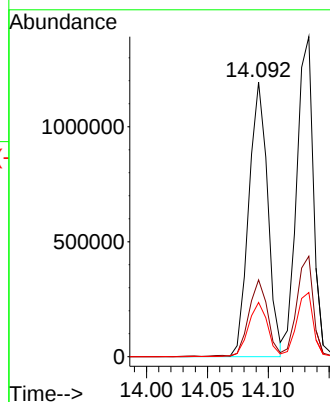
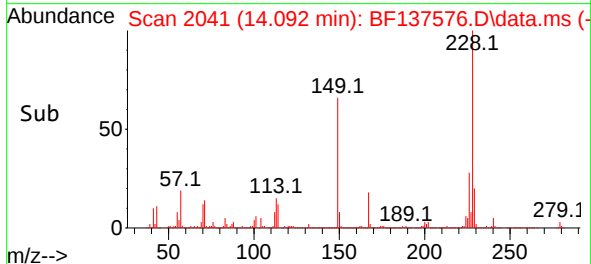
226 28.0 22.3 33.5

229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.922 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

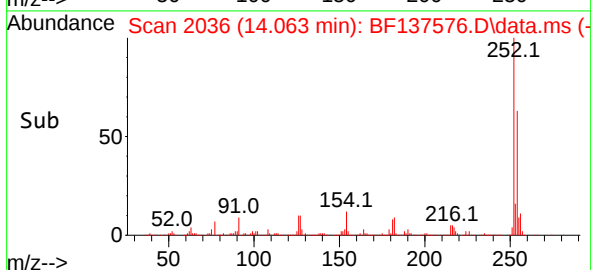
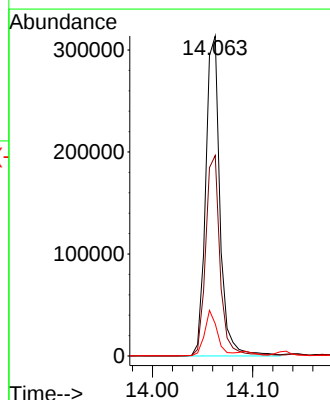
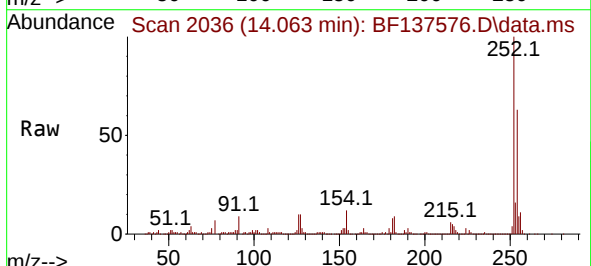
Tgt Ion:252 Resp: 312909

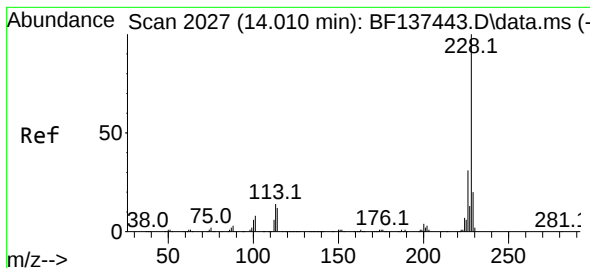
Ion Ratio Lower Upper

252 100

254 62.6 51.4 77.2

126 10.0 10.4 15.6#





#83

Chrysene

Concen: 43.501 ng

RT: 14.133 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:228 Resp: 132731

Ion Ratio Lower Upper

228 100

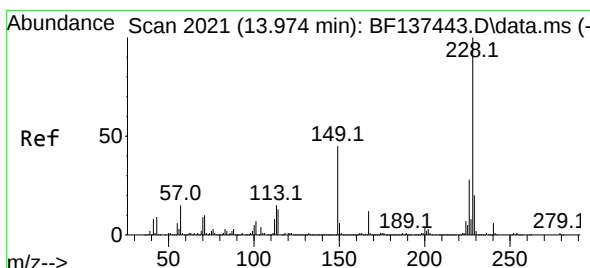
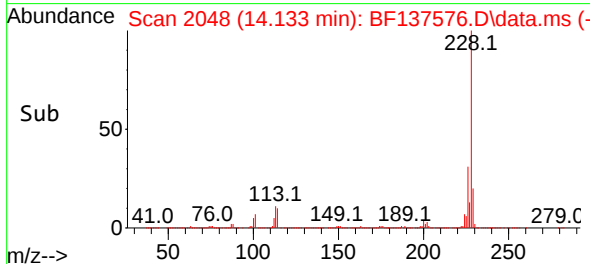
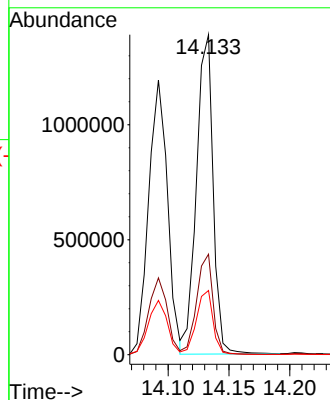
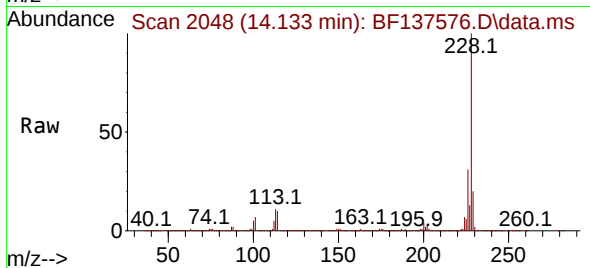
226 31.4 24.7 37.1

229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.430 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

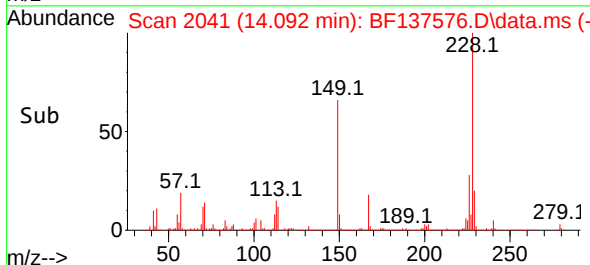
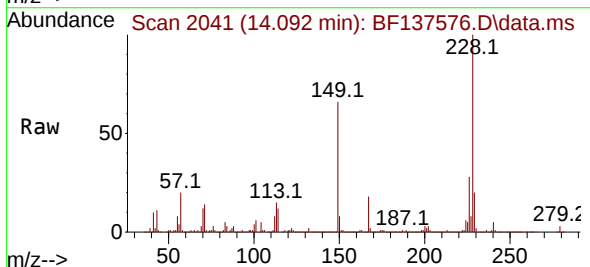
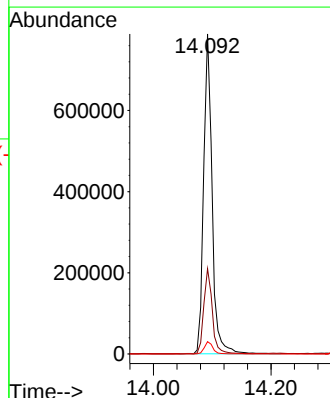
Tgt Ion:149 Resp: 787888

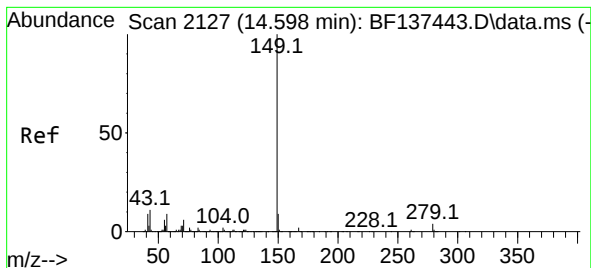
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

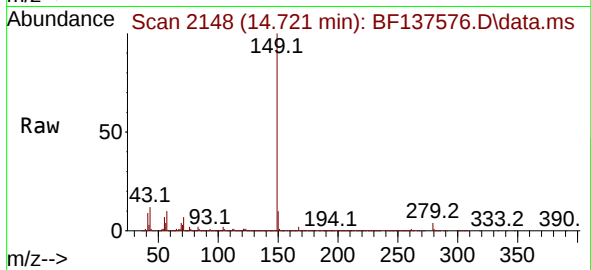
279 3.8 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 56.850 ng
RT: 14.721 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

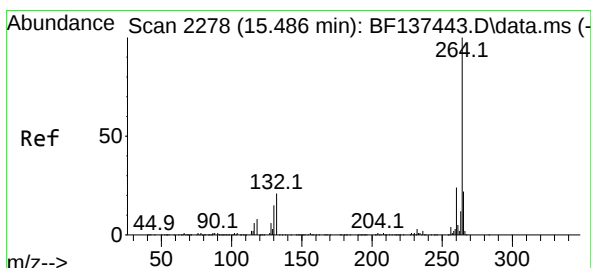
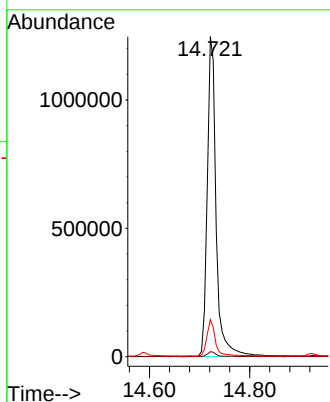
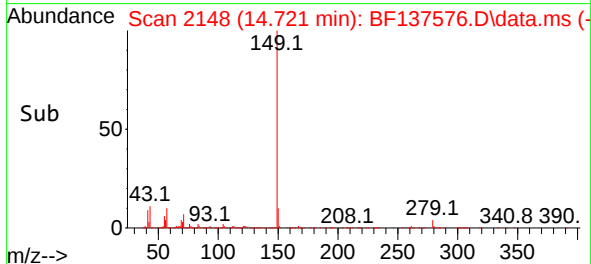
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:149 Resp: 1534080
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.9 9.6 14.4

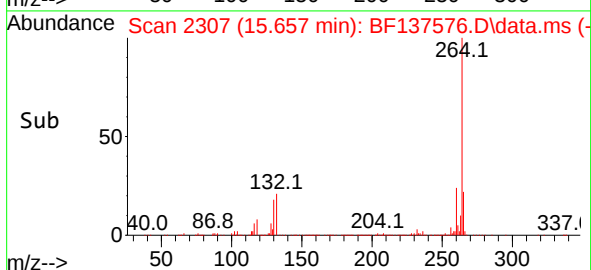
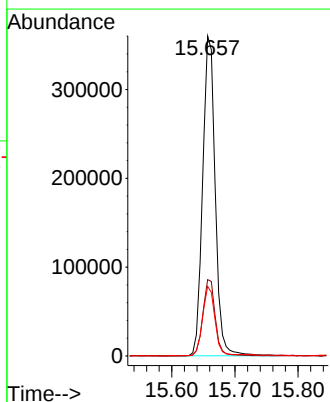
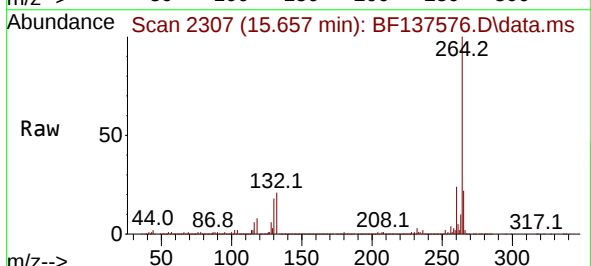
Manual Integrations
APPROVED

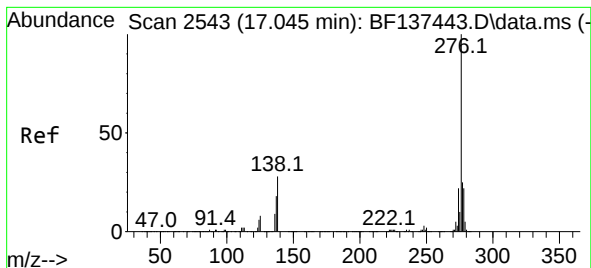
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

Tgt Ion:264 Resp: 499010
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.566 ng

RT: 17.310 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:276 Resp: 1266450

Ion Ratio Lower Upper

276 100

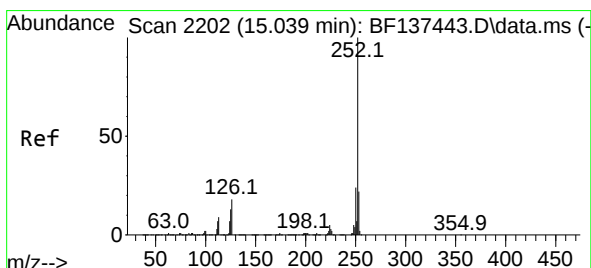
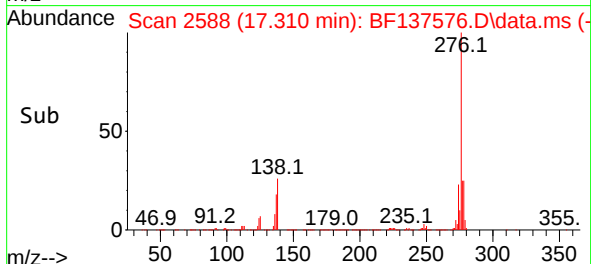
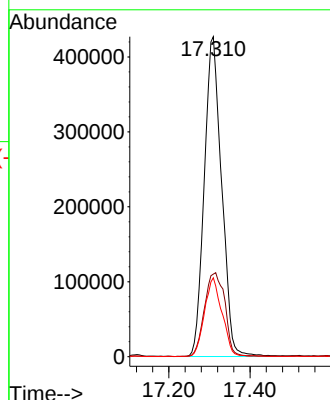
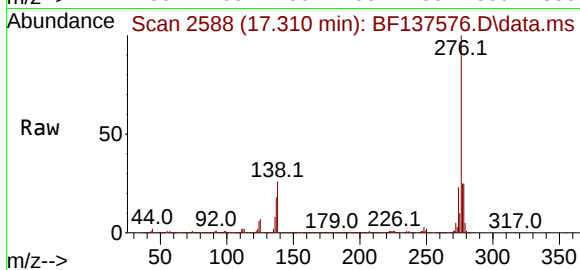
138 30.7 25.8 38.8

277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#88

Benzo(b)fluoranthene

Concen: 46.174 ng

RT: 15.198 min Scan# 2229

Delta R.T. 0.012 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

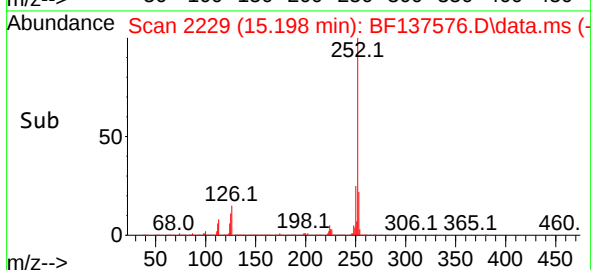
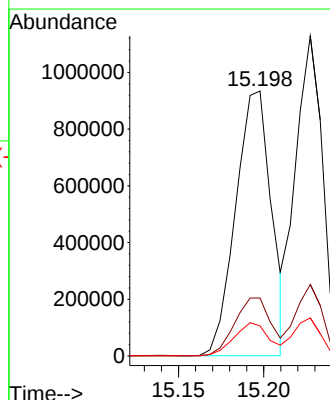
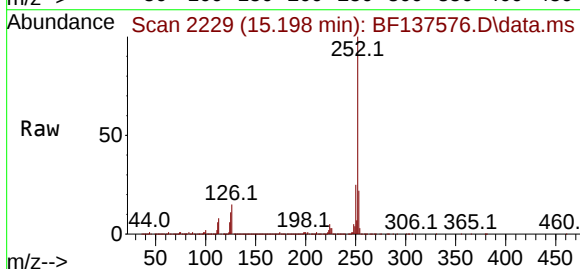
Tgt Ion:252 Resp: 1362982

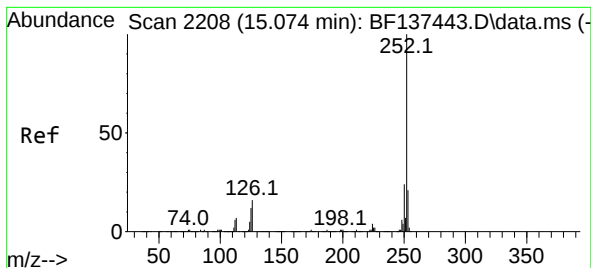
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 11.4 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.881 ng

RT: 15.227 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:252 Resp: 126446

Ion Ratio Lower Upper

252 100

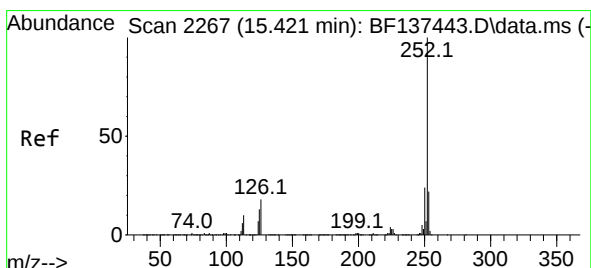
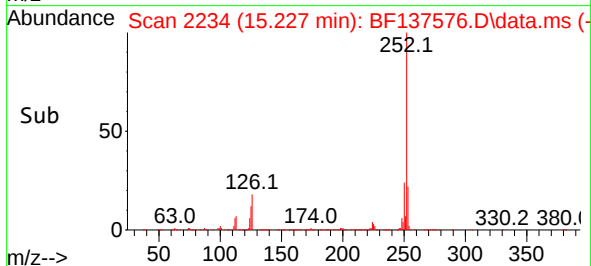
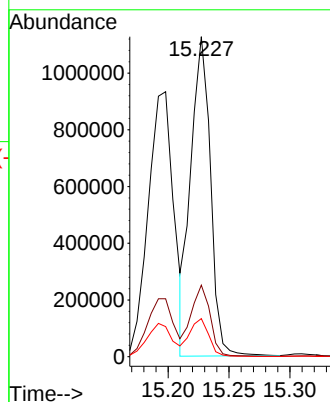
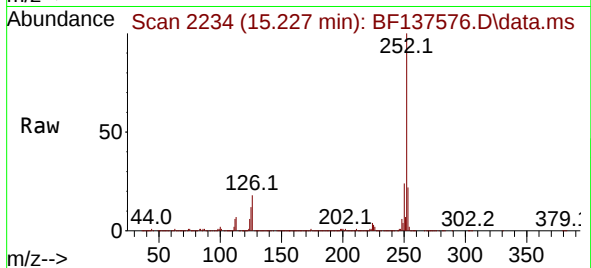
253 22.4 17.3 25.9

125 11.9 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#90

Benzo(a)pyrene

Concen: 42.427 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.006 min

Lab File: BF137576.D

Acq: 13 Mar 2024 14:46

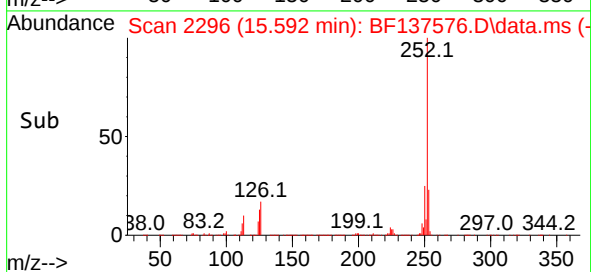
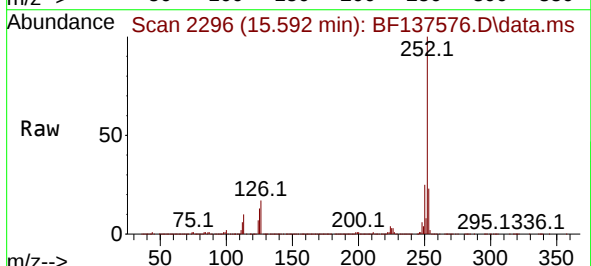
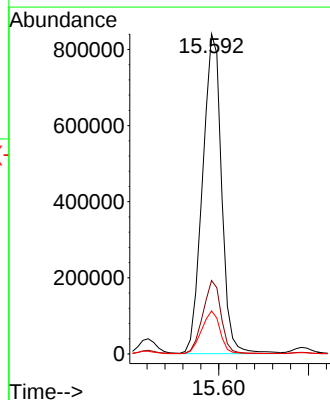
Tgt Ion:252 Resp: 1234146

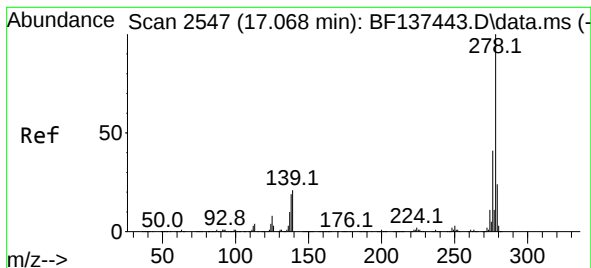
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

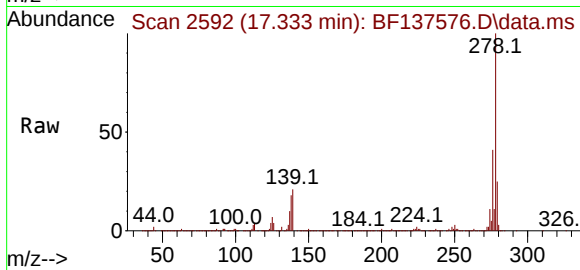
125 13.5 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 37.201 ng
RT: 17.333 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46

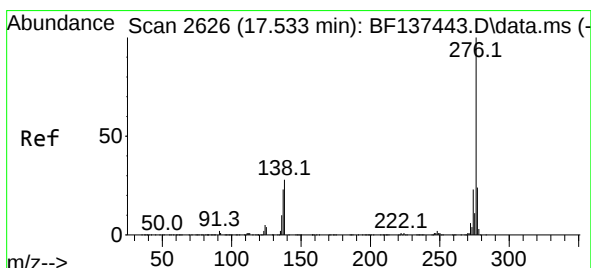
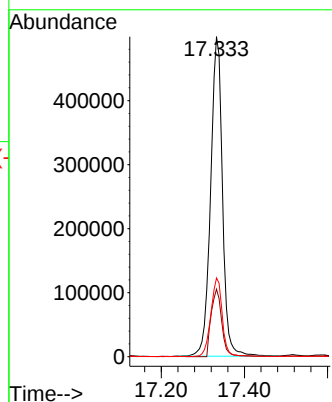
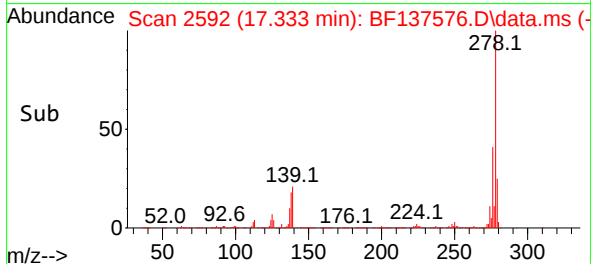
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



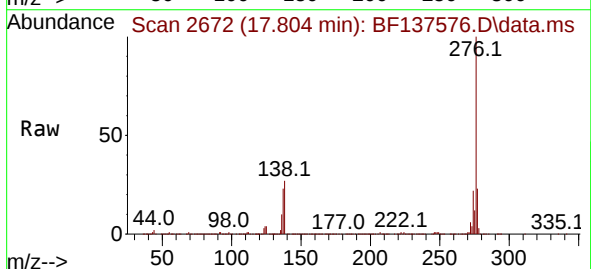
Tgt Ion:278 Resp: 990975
Ion Ratio Lower Upper
278 100
139 21.1 17.0 25.6
279 24.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#92
Benzo(g,h,i)perylene
Concen: 34.249 ng
RT: 17.804 min Scan# 2672
Delta R.T. 0.012 min
Lab File: BF137576.D
Acq: 13 Mar 2024 14:46



Tgt Ion:276 Resp: 936975
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 26.9 22.2 33.2

