

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137575.D
 Acq On : 13 Mar 2024 14:14
 Operator : CG\JU
 Sample : P1725-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS

Quant Time: Mar 13 15:47:58 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	6.910	152	222693	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	865176	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	477319	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	760348	20.000	ng	0.00
76) Chrysene-d12	14.104	240	439262	20.000	ng	0.00
86) Perylene-d12	15.657	264	507303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1393772	94.791	ng	0.02
7) Phenol-d6	6.563	99	1943891	91.588	ng	0.00
23) Nitrobenzene-d5	7.475	82	1204770	64.702	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	429208	102.395	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1883237	61.761	ng	0.00
79) Terphenyl-d14	13.039	244	1725062	54.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	315392	39.229	ng	97
3) Pyridine	3.657	79	758569	39.122	ng	98
4) n-Nitrosodimethylamine	3.646	42	351503	45.009	ng	98
6) Aniline	6.587	93	594286	22.915	ng	97
8) 2-Chlorophenol	6.704	128	732940	47.260	ng	98
9) Benzaldehyde	6.475	77	269718	25.939	ng	94
10) Phenol	6.575	94	993548	43.492	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	763781	45.625	ng	100
12) 1,3-Dichlorobenzene	6.851	146	746685	45.057	ng	99
13) 1,4-Dichlorobenzene	6.928	146	769423	45.378	ng	98
14) 1,2-Dichlorobenzene	7.081	146	725920	46.644	ng	96
15) Benzyl Alcohol	7.057	79	678298	51.334	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1157091	40.211	ng	92
17) 2-Methylphenol	7.169	107	598575	41.247	ng	97
18) Hexachloroethane	7.416	117	261417	46.823	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	534109	40.752	ng	99
20) 3+4-Methylphenols	7.322	107	686078	41.280	ng	97
22) Acetophenone	7.322	105	937742	44.797	ng	98
24) Nitrobenzene	7.492	77	827638	44.247	ng	97
25) Isophorone	7.728	82	1583561	44.764	ng	99
26) 2-Nitrophenol	7.804	139	386832	52.090	ng	96
27) 2,4-Dimethylphenol	7.845	122	525682	37.884	ng	97
28) bis(2-Chloroethoxy)met...	7.939	93	943192	45.442	ng	100
29) 2,4-Dichlorophenol	8.045	162	609204	47.837	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	624633	46.608	ng	100
31) Naphthalene	8.204	128	2036838	43.879	ng	100
32) Benzoic acid	7.992	122	373994	46.959	ng	98
33) 4-Chloroaniline	8.257	127	117644	6.463	ng	98
34) Hexachlorobutadiene	8.316	225	366865	46.368	ng	99
35) Caprolactam	8.639	113	213409m	49.420	ng	
36) 4-Chloro-3-methylphenol	8.745	107	674556	47.387	ng	98
37) 2-Methylnaphthalene	8.898	142	1266041	42.783	ng	100
38) 1-Methylnaphthalene	8.992	142	1179678	42.331	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	611187	45.866	ng	99
41) Hexachlorocyclopentadiene	9.045	237	502770	91.170	ng	98
43) 2,4,6-Trichlorophenol	9.181	196	416423	47.988	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	452950	45.312	ng	97
46) 1,1'-Biphenyl	9.363	154	1556574	44.556	ng	99
47) 2-Chloronaphthalene	9.386	162	1219650	45.790	ng	97
48) 2-Nitroaniline	9.492	65	437635	48.341	ng	98
49) Acenaphthylene	9.804	152	1916044	44.950	ng	100
50) Dimethylphthalate	9.675	163	1497350	45.064	ng	100
51) 2,6-Dinitrotoluene	9.733	165	327942	47.188	ng	100
52) Acenaphthene	9.975	154	1084934	42.633	ng	100
53) 3-Nitroaniline	9.904	138	162774	22.143	ng	95
54) 2,4-Dinitrophenol	10.016	184	326119	94.542	ng	98
55) Dibenzofuran	10.151	168	1607023	41.462	ng	99
56) 4-Nitrophenol	10.080	139	457830	87.114	ng	97
57) 2,4-Dinitrotoluene	10.145	165	390404	45.724	ng	91
58) Fluorene	10.498	166	1224236	41.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	364867	45.517	ng	95
60) Diethylphthalate	10.375	149	1389445	44.282	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	607147	41.619	ng	100
62) 4-Nitroaniline	10.528	138	283720	44.906	ng	95
63) Azobenzene	10.651	77	1565702	43.335	ng	100
65) 4,6-Dinitro-2-methylph...	10.551	198	234433	55.320	ng	94
66) n-Nitrosodiphenylamine	10.610	169	1138794	46.511	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	407828	49.245	ng	98
68) Hexachlorobenzene	11.045	284	424729	50.778	ng	# 91
69) Atrazine	11.151	200	359072	48.242	ng	98
70) Pentachlorophenol	11.245	266	448787	88.755	ng	99
71) Phenanthrene	11.463	178	1854615	44.819	ng	98
72) Anthracene	11.516	178	1850607	43.544	ng	100
73) Carbazole	11.674	167	1593640	43.777	ng	99
74) Di-n-butylphthalate	12.010	149	2002298	46.230	ng	99
75) Fluoranthene	12.663	202	1847268	45.671	ng	98
77) Benzidine	12.792	184	502609	46.755	ng	98
78) Pyrene	12.892	202	1808883	41.968	ng	99
80) Butylbenzylphthalate	13.521	149	670998	60.958	ng	99
81) Benzo(a)anthracene	14.092	228	1448120	47.036	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	312004	38.055	ng	99
83) Chrysene	14.133	228	1495052	48.047	ng	100
84) Bis(2-ethylhexyl)phtha...	14.092	149	868685	62.089	ng	# 98
85) Di-n-octyl phthalate	14.721	149	1723634	62.063	ng	97
87) Indeno(1,2,3-cd)pyrene	17.304	276	1474992	44.183	ng	98
88) Benzo(b)fluoranthene	15.192	252	1547002	51.551	ng	99
89) Benzo(k)fluoranthene	15.227	252	1422626	44.136	ng	99
90) Benzo(a)pyrene	15.592	252	1401316	47.386	ng	99
91) Dibenzo(a,h)anthracene	17.333	278	1170650	43.227	ng	99
92) Benzo(g,h,i)perylene	17.809	276	1105732	39.757	ng	98

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

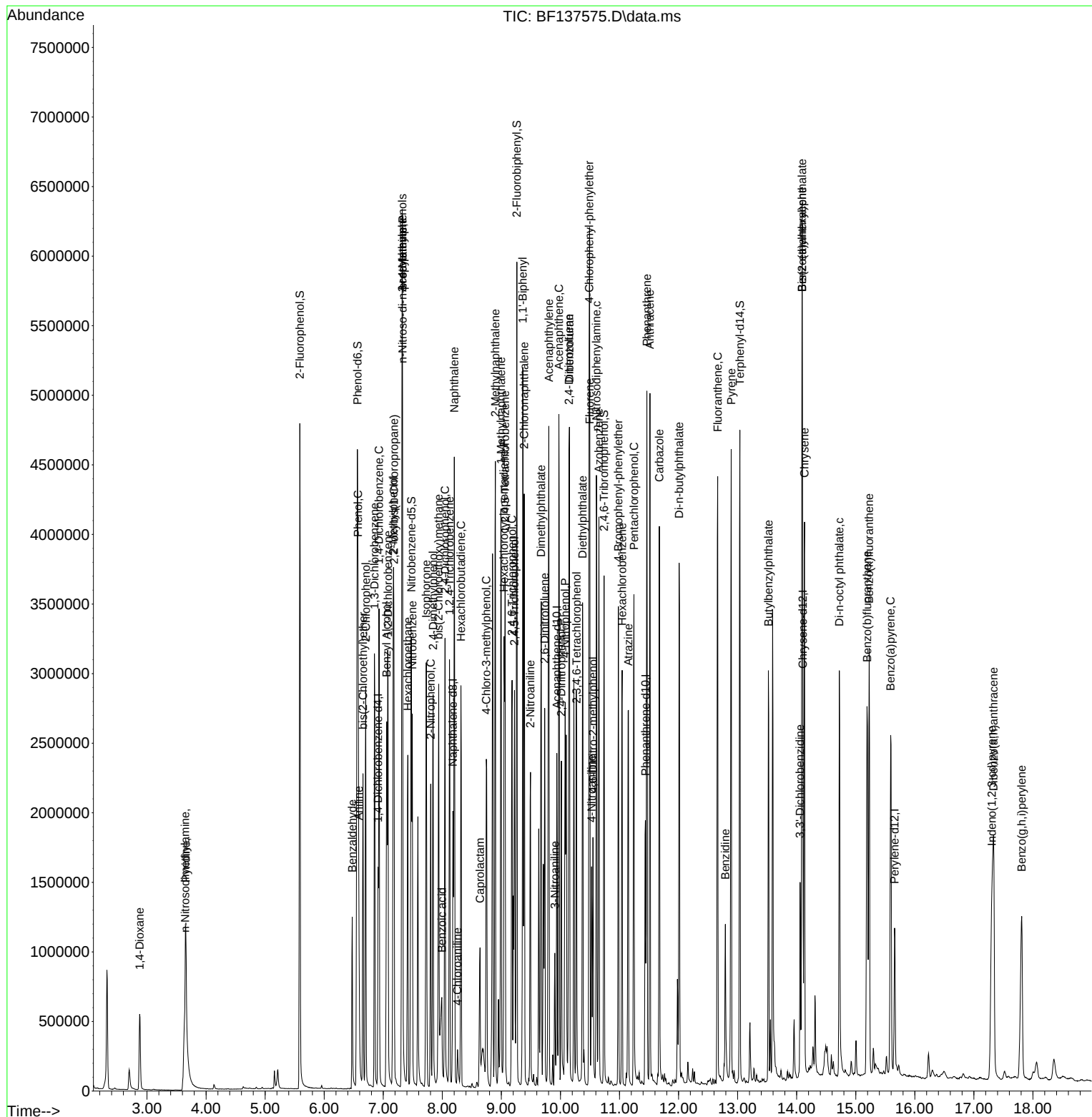
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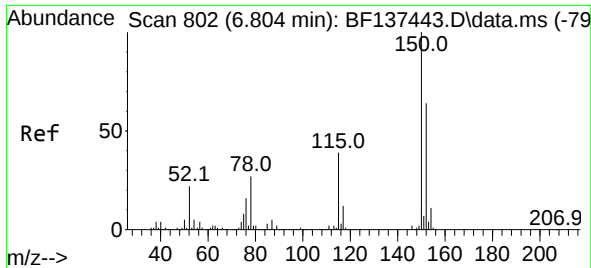
Instrument :
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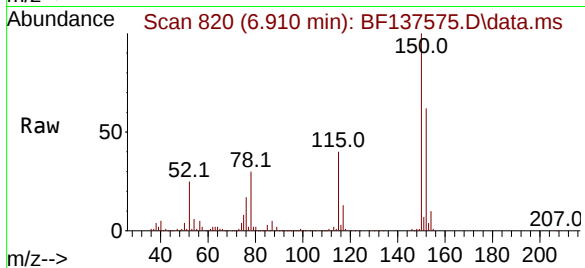
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

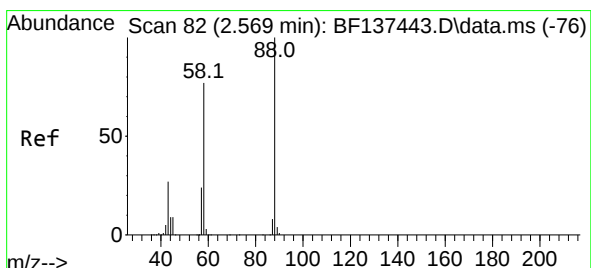
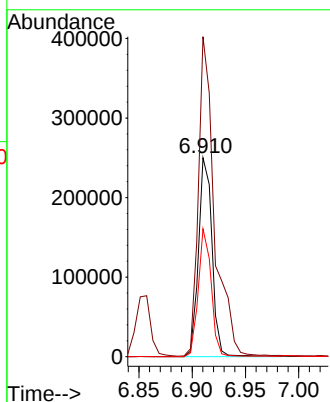
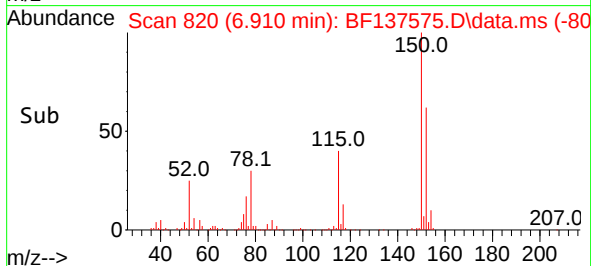
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BNA_F
ClientSampleId :
RT-3860MS



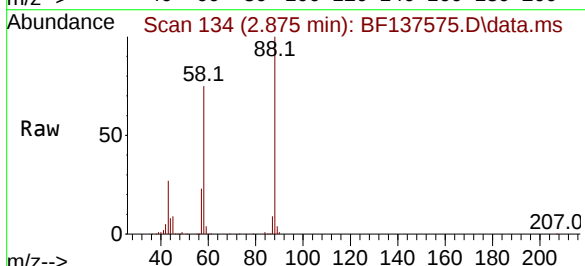
Tgt Ion:152 Resp: 22269
Ion Ratio Lower Upper
152 100
150 160.8 125.8 188.6
115 64.3 48.8 73.2

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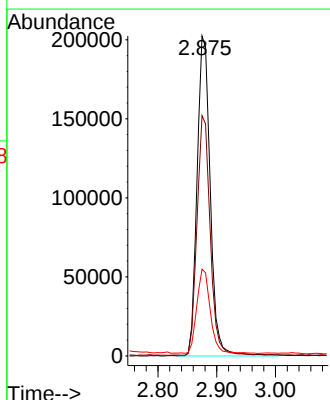
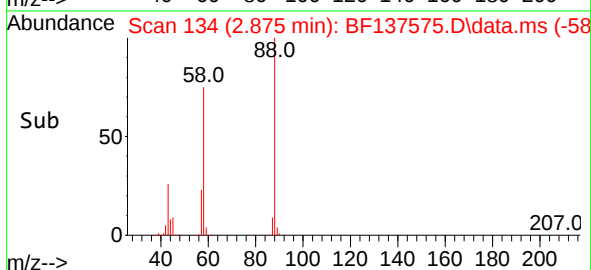
Reviewed By :Jagrut Upadhyay 03/14/2024
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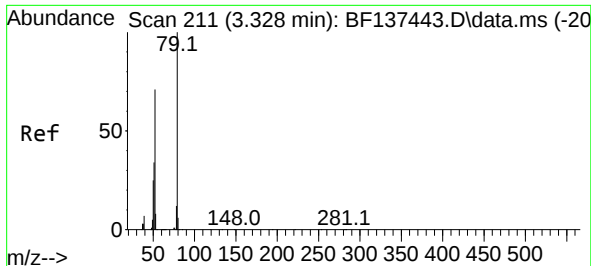


#2
1,4-Dioxane
Concen: 39.229 ng
RT: 2.875 min Scan# 134
Delta R.T. 0.100 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



Tgt Ion: 88 Resp: 315392
Ion Ratio Lower Upper
88 100
58 74.6 61.8 92.8
43 26.7 22.2 33.4





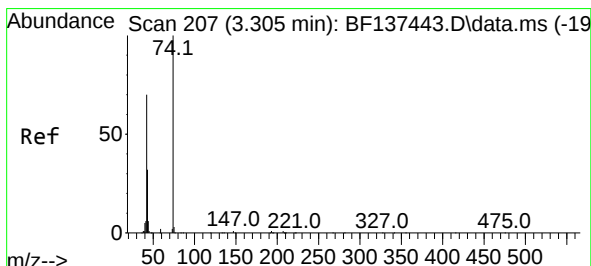
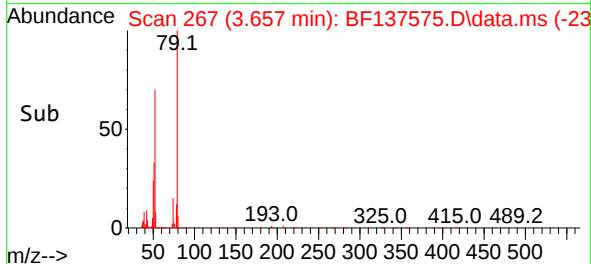
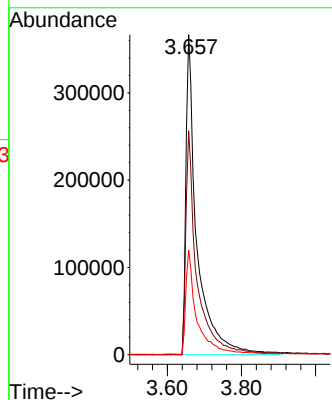
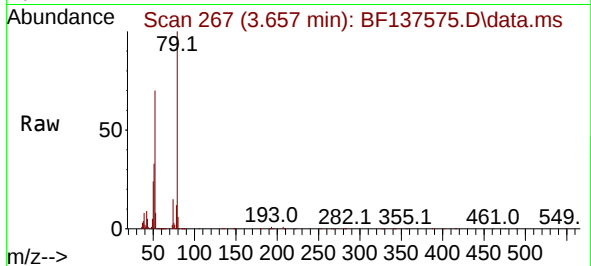
#3
Pyridine
Concen: 39.122 ng
RT: 3.657 min Scan# 20
Delta R.T. 0.082 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion: 79 Resp: 758569
Ion Ratio Lower Upper
79 100
52 70.0 57.0 85.4
51 32.7 27.5 41.3

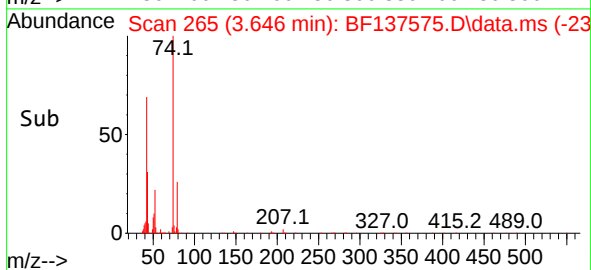
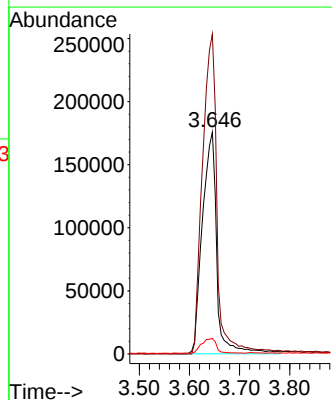
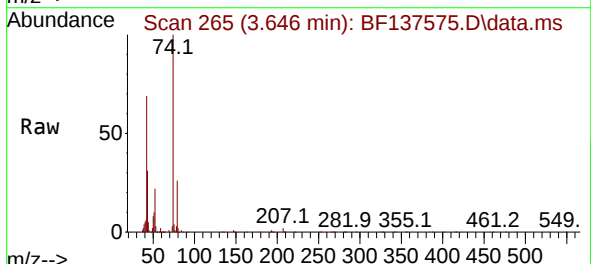
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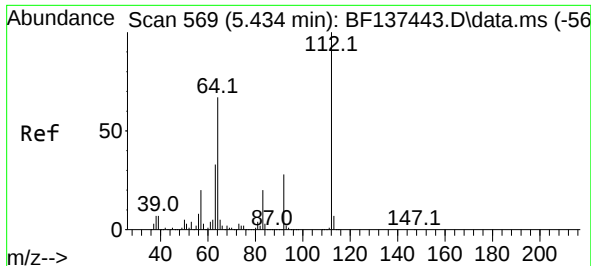
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#4
n-Nitrosodimethylamine
Concen: 45.009 ng
RT: 3.646 min Scan# 265
Delta R.T. 0.076 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion: 42 Resp: 351503
Ion Ratio Lower Upper
42 100
74 144.2 114.0 171.0
44 7.0 7.0 10.4





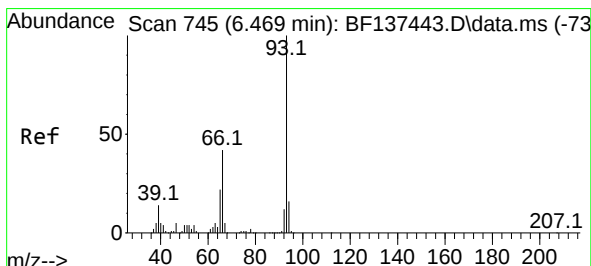
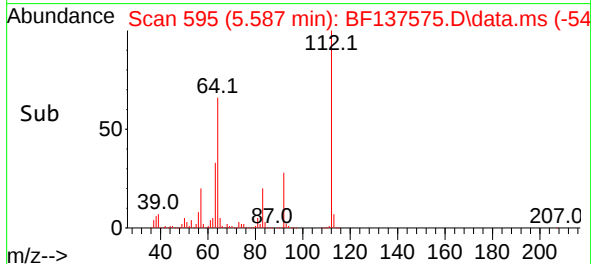
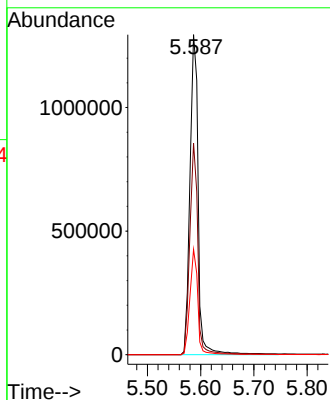
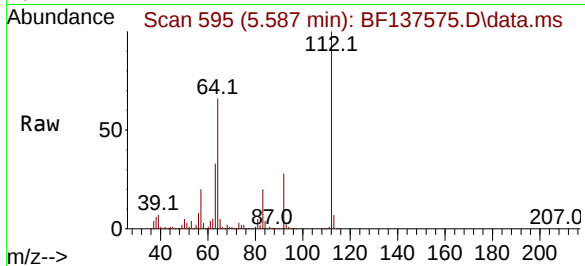
#5
2-Fluorophenol
Concen: 94.791 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1393772
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 32.9 26.2 39.2

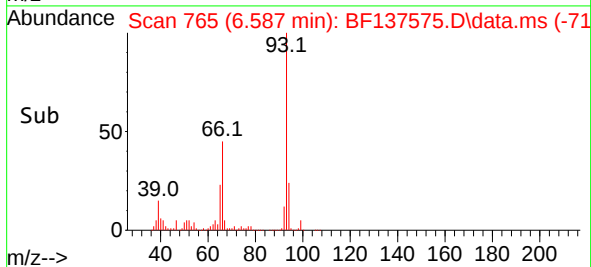
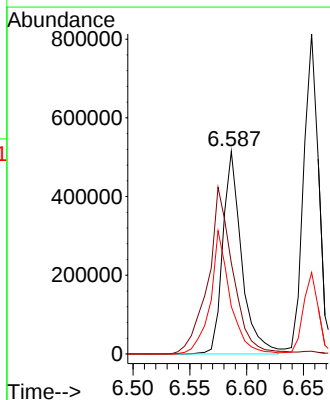
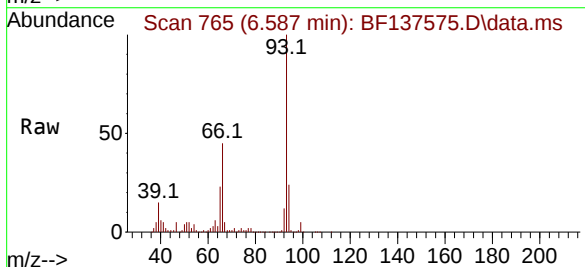
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#6
Aniline
Concen: 22.915 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion: 93 Resp: 594286
Ion Ratio Lower Upper
93 100
66 44.9 34.0 51.0
65 23.4 17.8 26.8





#7

Phenol-d6

Concen: 91.588 ng

RT: 6.563 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF137575.D

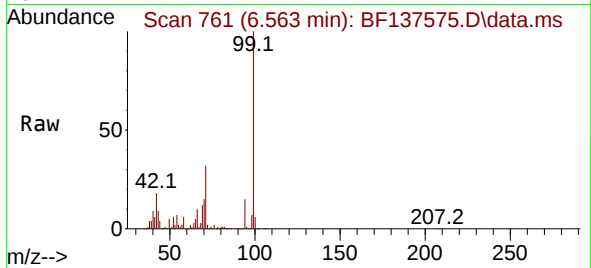
Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 194389

Ion Ratio Lower Upper

99 100

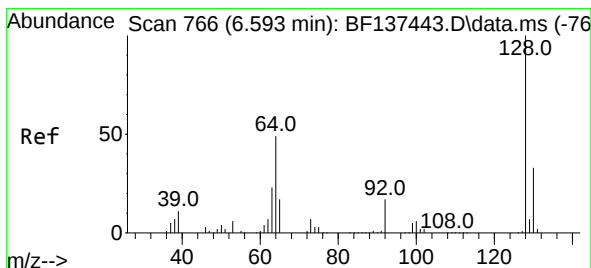
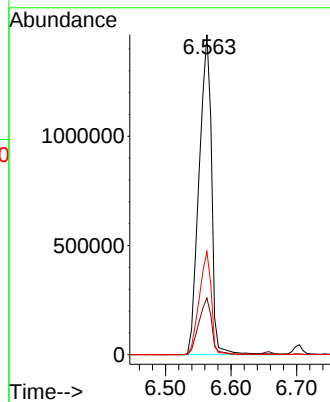
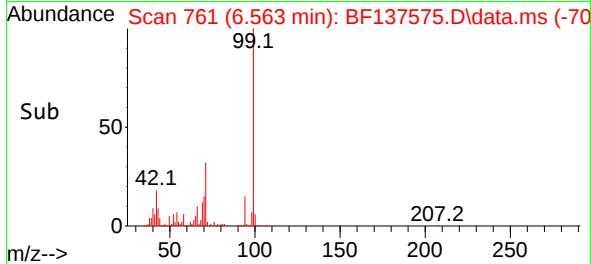
42 17.7 14.6 21.8

71 32.2 25.3 37.9

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#8

2-Chlorophenol

Concen: 47.260 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

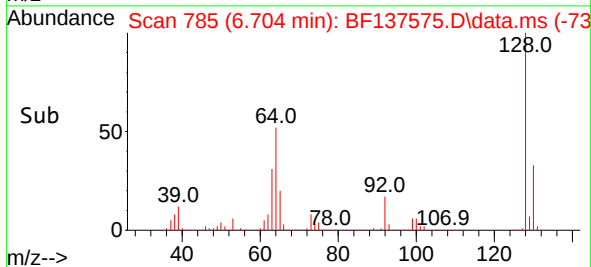
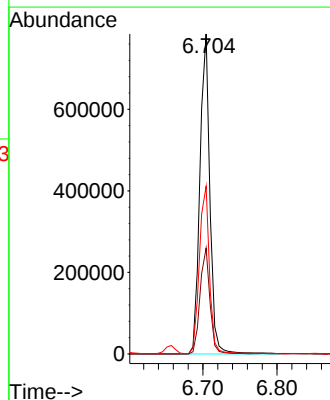
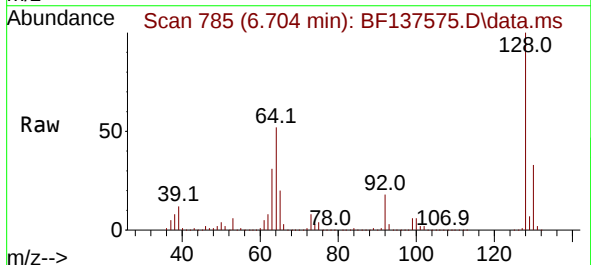
Tgt Ion:128 Resp: 732940

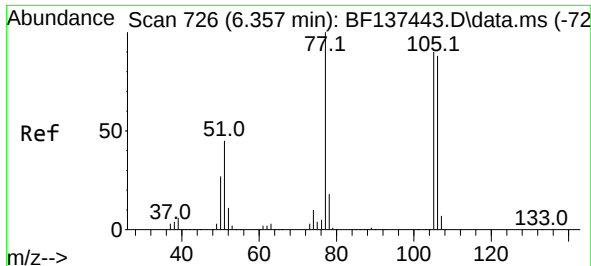
Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

64 52.4 30.0 70.0





#9

Benzaldehyde

Concen: 25.939 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF137575.D

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BNA_F

ClientSampleId :

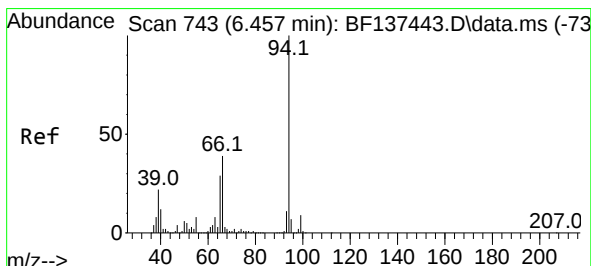
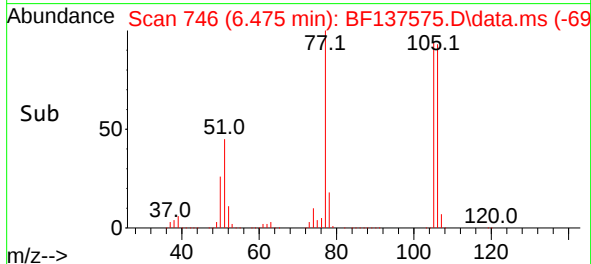
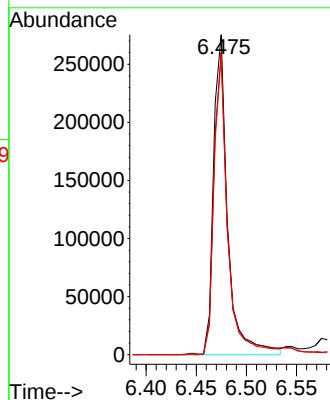
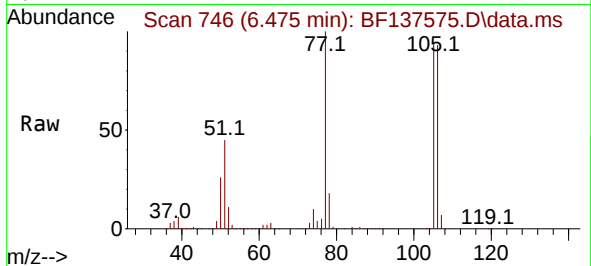
RT-3860MS

Tgt Ion: 77	Resp: 269718
Ion Ratio	Lower Upper
77 100	
105 94.5	69.8 109.8
106 93.4	67.8 107.8

Manual Integrations

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#10

Phenol

Concen: 43.492 ng

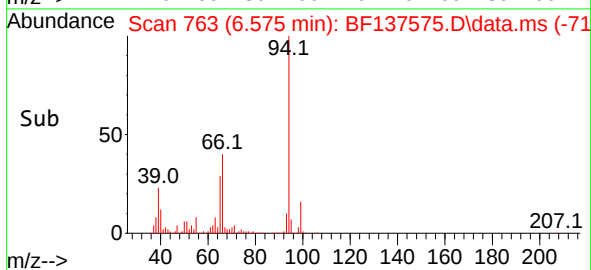
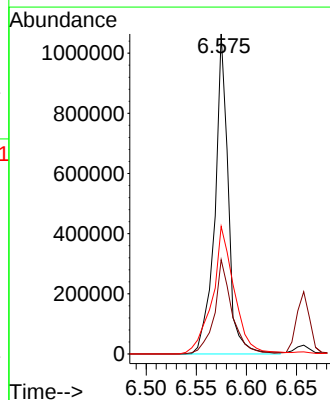
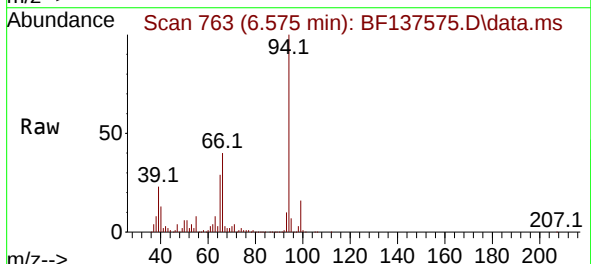
RT: 6.575 min Scan# 763

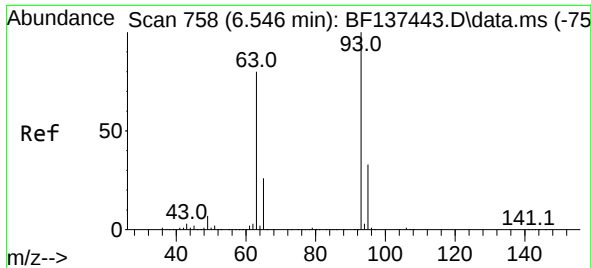
Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Tgt Ion: 94	Resp: 993548
Ion Ratio	Lower Upper
94 100	
65 29.4	8.7 48.7
66 39.8	18.6 58.6





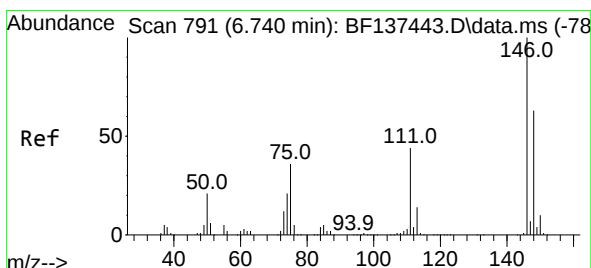
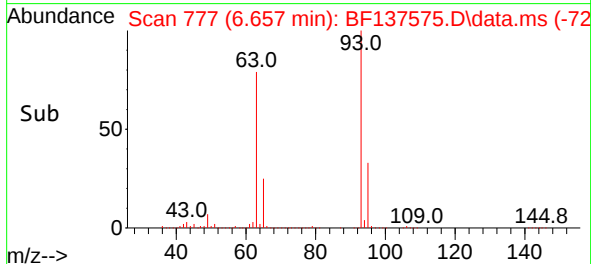
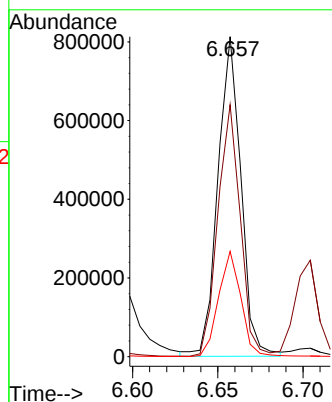
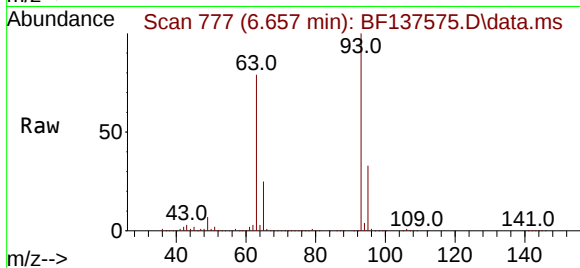
#11
bis(2-Chloroethyl)ether
Concen: 45.625 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion: 93 Resp: 76378
Ion Ratio Lower Upper
93 100
63 78.8 58.9 98.9
95 32.9 12.2 52.2

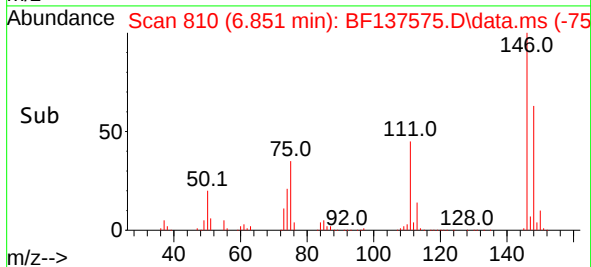
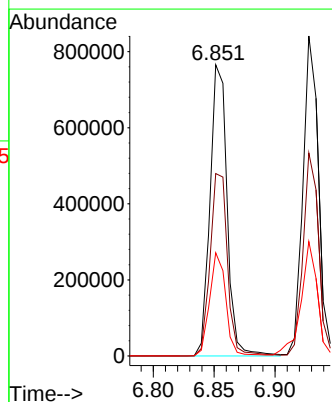
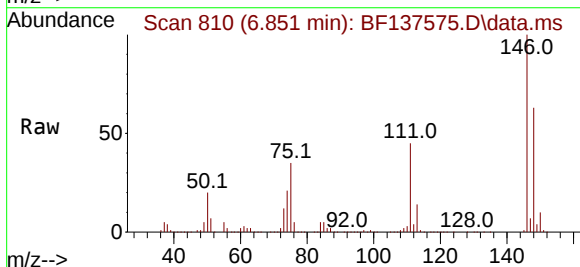
Manual Integrations
APPROVED

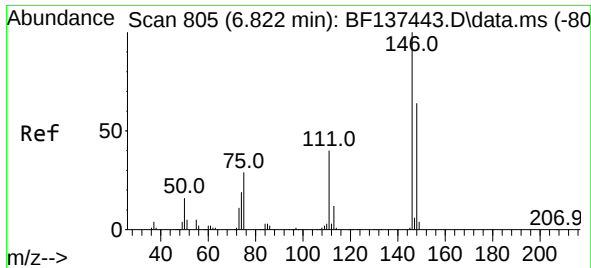
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#12
1,3-Dichlorobenzene
Concen: 45.057 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

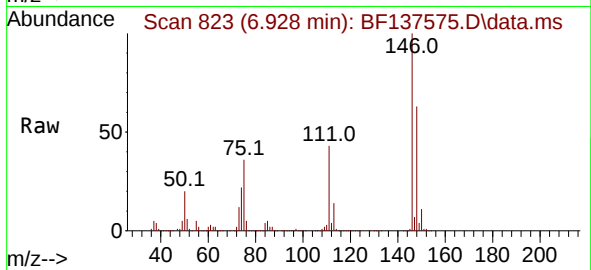
Tgt Ion:146 Resp: 746685
Ion Ratio Lower Upper
146 100
148 62.6 50.3 75.5
75 35.5 29.0 43.4





#13
1,4-Dichlorobenzene
Concen: 45.378 ng
RT: 6.928 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

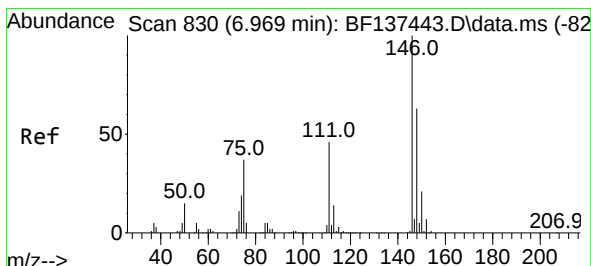
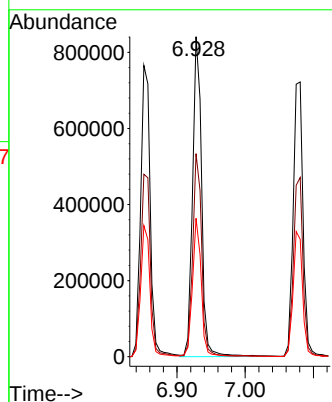
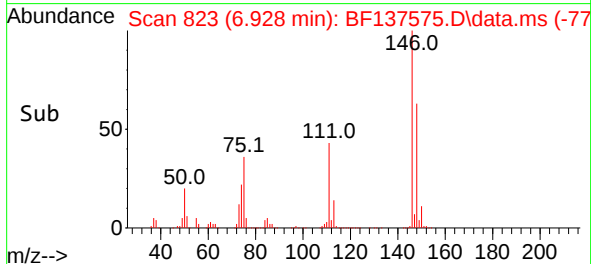
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



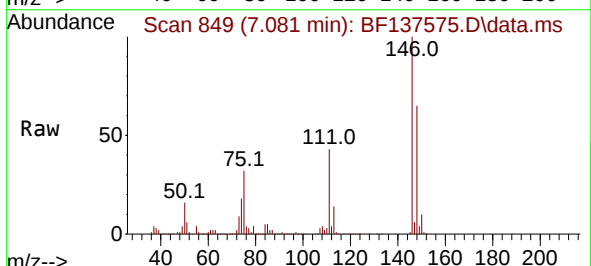
Tgt Ion:146 Resp: 76942
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 43.2 32.4 48.6

Manual Integrations
APPROVED

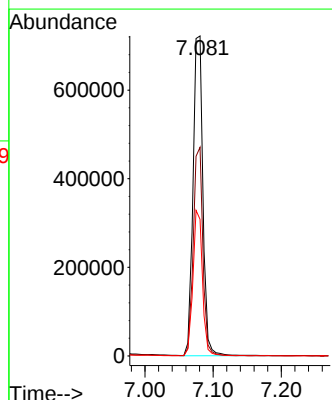
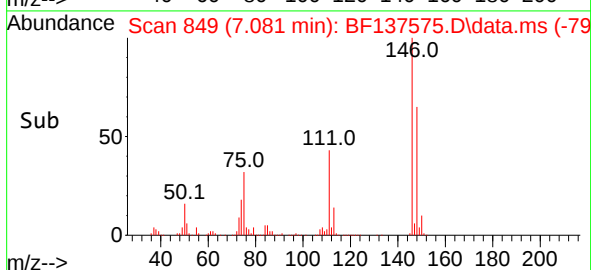
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

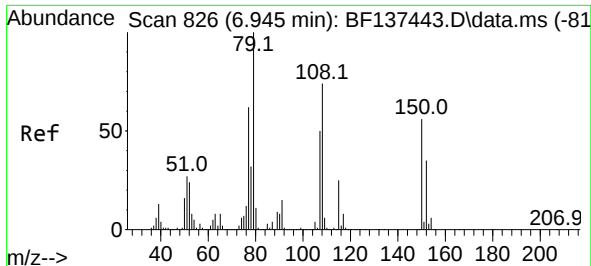


#14
1,2-Dichlorobenzene
Concen: 46.644 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



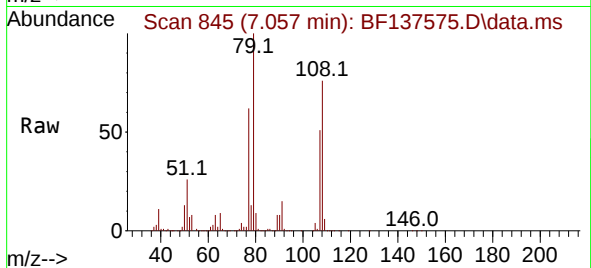
Tgt Ion:146 Resp: 725920
Ion Ratio Lower Upper
146 100
148 65.2 50.0 75.0
111 42.7 36.8 55.2





#15
Benzyl Alcohol
Concen: 51.334 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

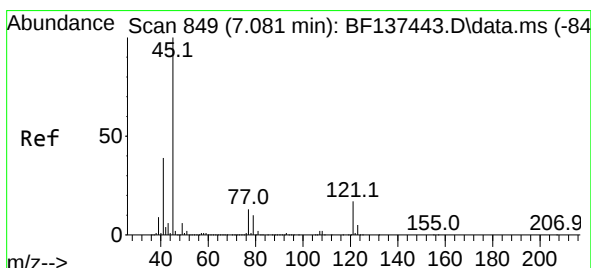
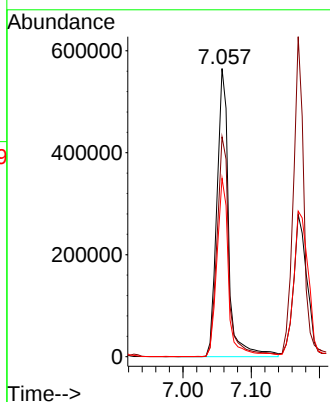
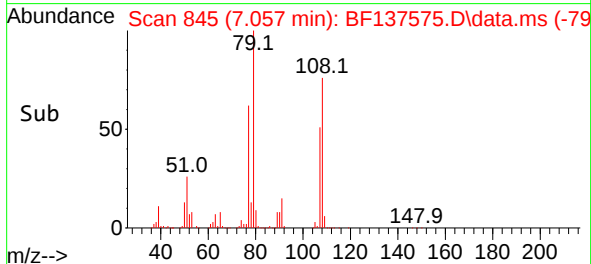
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



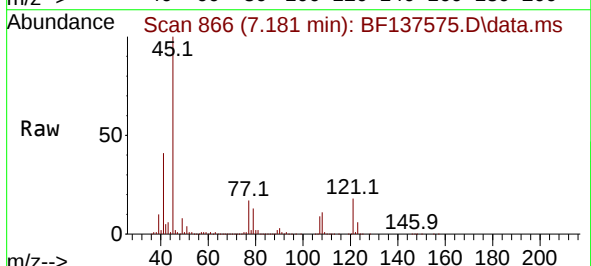
Tgt Ion: 79 Resp: 678298
Ion Ratio Lower Upper
79 100
108 76.3 59.5 89.3
77 61.9 50.0 75.0

Manual Integrations
APPROVED

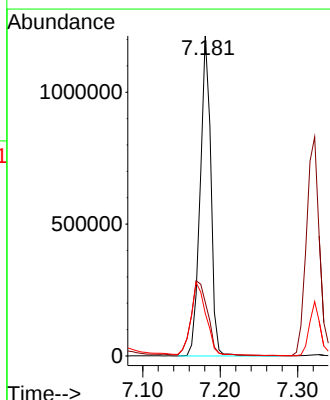
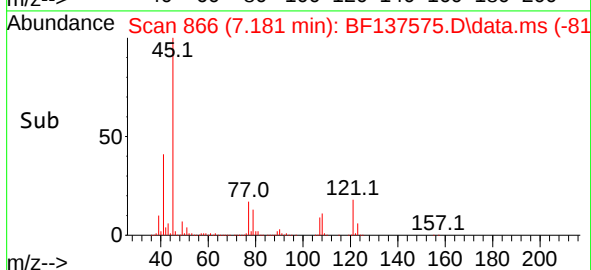
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.211 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



Tgt Ion: 45 Resp: 1157091
Ion Ratio Lower Upper
45 100
77 16.8 0.0 33.4
79 13.3 0.0 30.9





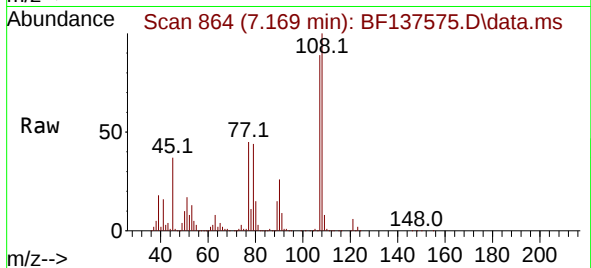
#17
2-Methylphenol
Concen: 41.247 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

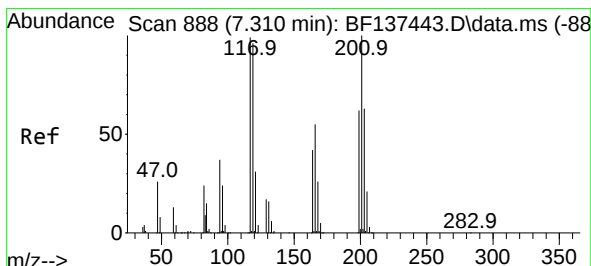
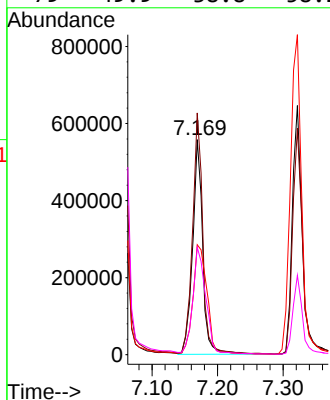
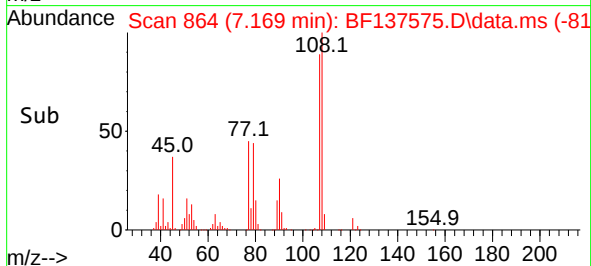


Tgt Ion:107 Resp: 59857
Ion Ratio Lower Upper
107 100
108 112.4 92.2 138.4
77 51.1 38.6 57.8
79 49.9 38.8 58.2

Manual Integrations

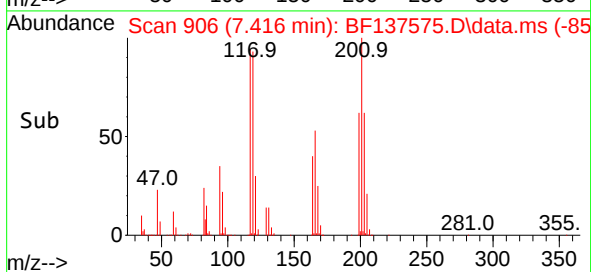
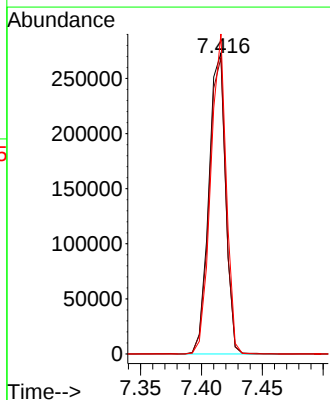
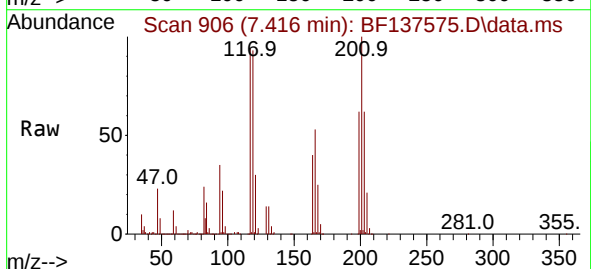
APPROVED

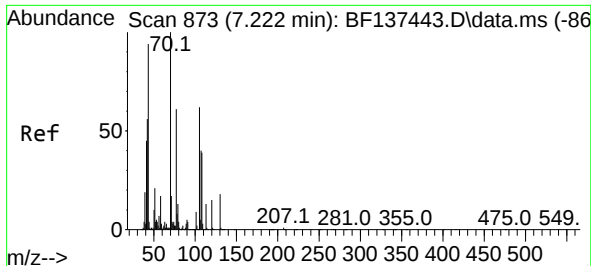
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#18
Hexachloroethane
Concen: 46.823 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

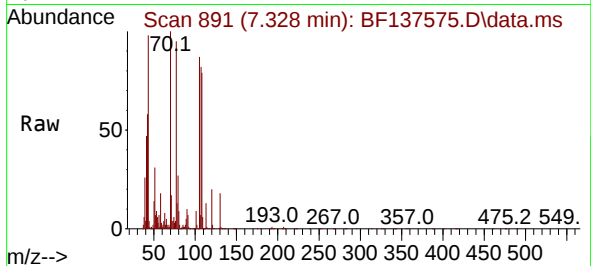
Tgt Ion:117 Resp: 261417
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3
201 106.4 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.752 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

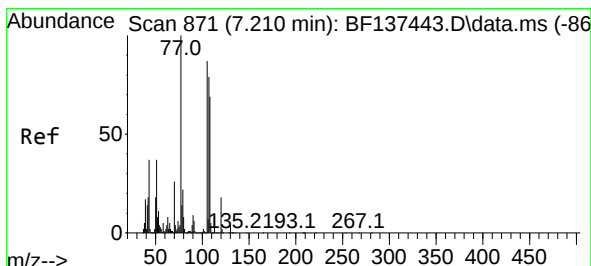
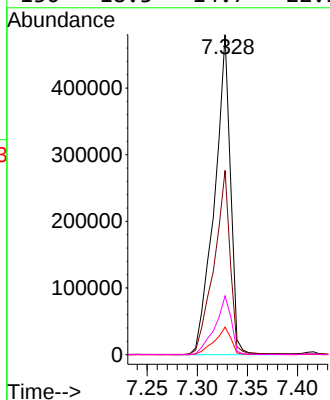
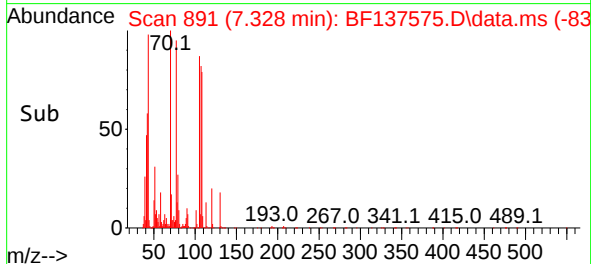
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



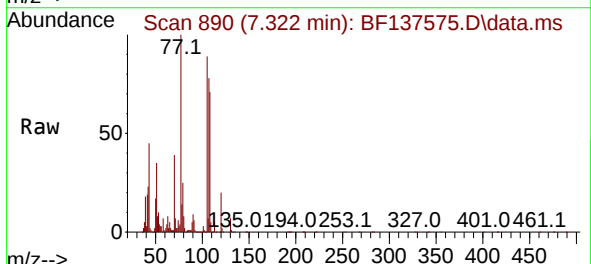
Tgt Ion: 70 Resp: 534109
Ion Ratio Lower Upper
70 100
42 57.6 45.2 67.8
101 8.6 7.3 10.9
130 18.3 14.7 22.1

Manual Integrations
APPROVED

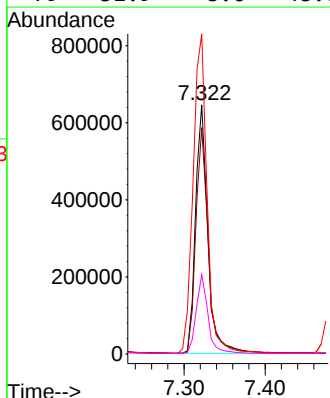
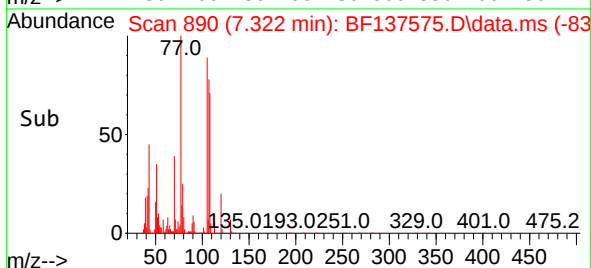
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

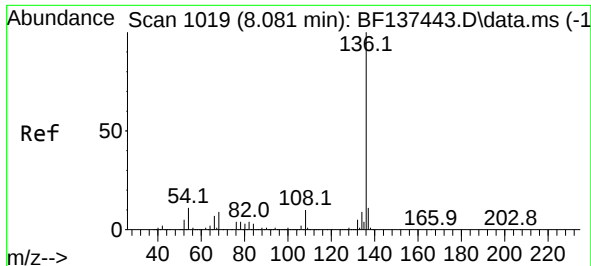


#20
3+4-Methylphenols
Concen: 41.280 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



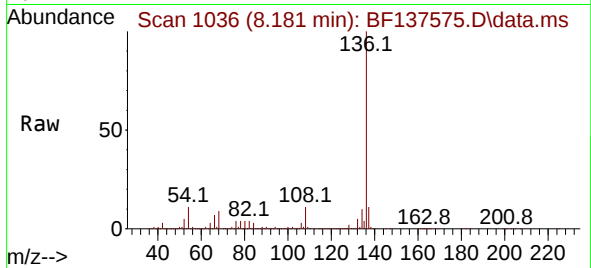
Tgt Ion:107 Resp: 686078
Ion Ratio Lower Upper
107 100
108 90.8 67.6 107.6
77 128.4 107.1 147.1
79 31.9 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

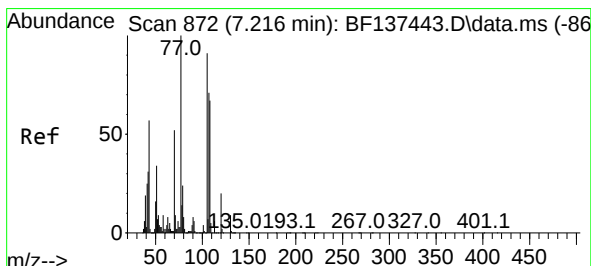
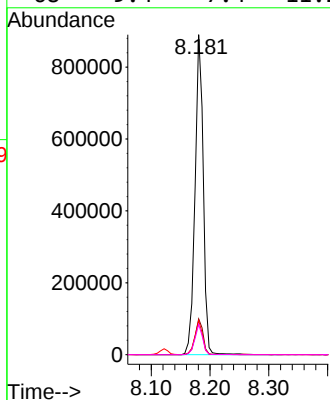
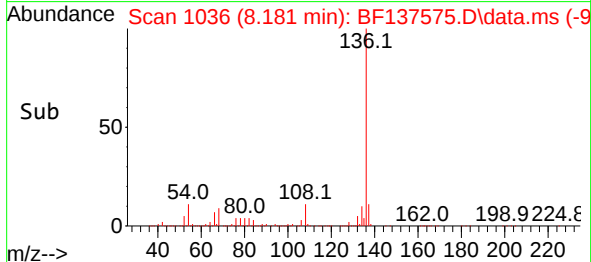
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:136 Resp: 865170
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.7 8.5 12.7
68 9.4 7.4 11.2

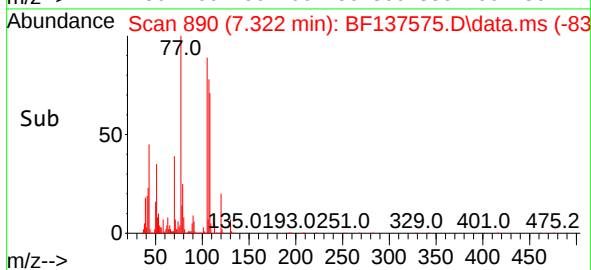
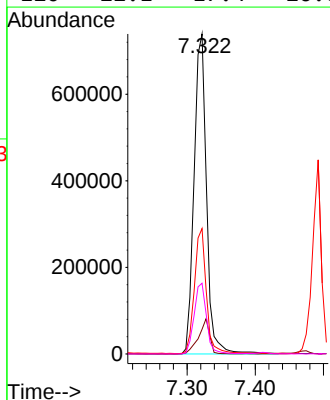
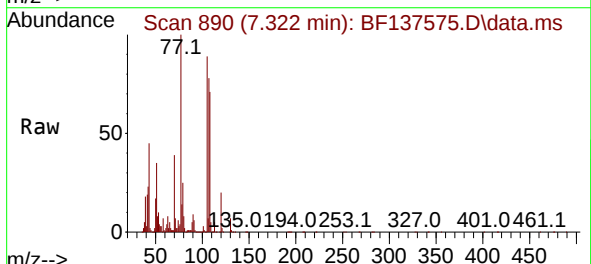
Manual Integrations
APPROVED

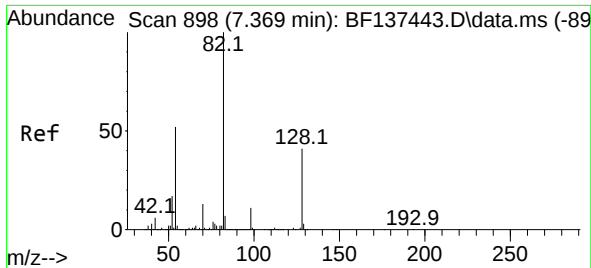
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#22
Acetophenone
Concen: 44.797 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

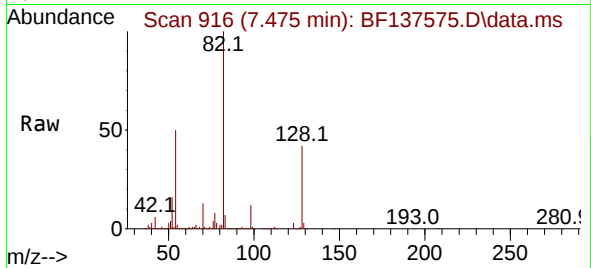
Tgt Ion:105 Resp: 937742
Ion Ratio Lower Upper
105 100
71 7.7 7.7 11.5
51 39.2 30.4 45.6
120 22.1 17.4 26.0





#23
Nitrobenzene-d5
Concen: 64.702 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

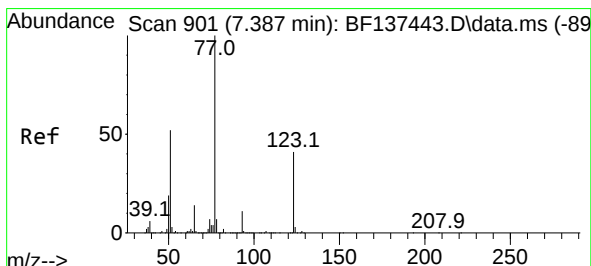
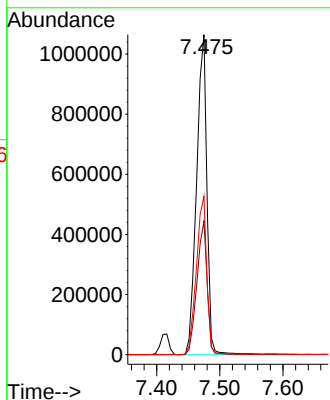
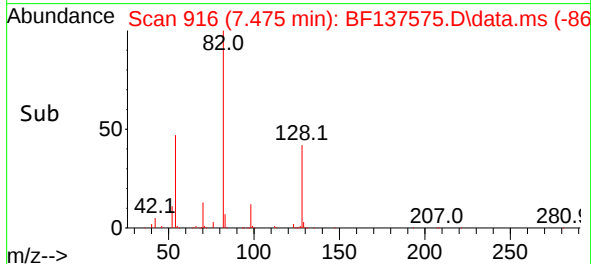
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



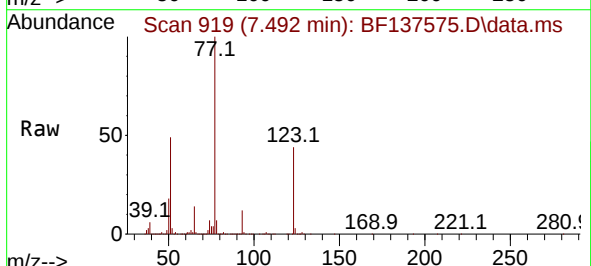
Tgt Ion: 82 Resp: 1204770
Ion Ratio Lower Upper
82 100
128 41.7 32.5 48.7
54 49.5 41.5 62.3

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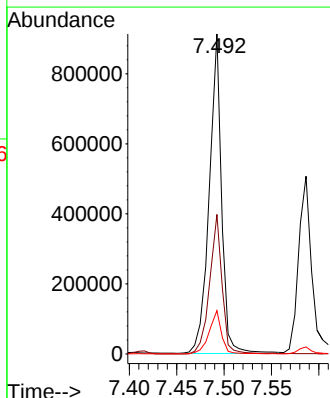
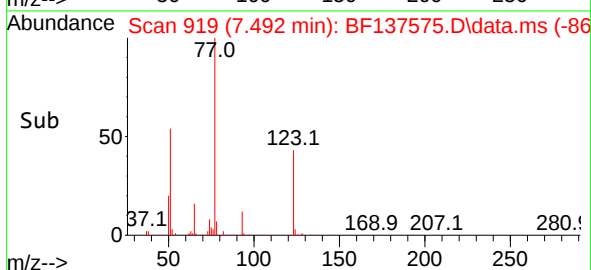
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#24
Nitrobenzene
Concen: 44.247 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



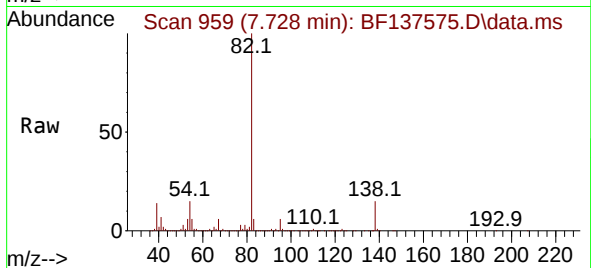
Tgt Ion: 77 Resp: 827638
Ion Ratio Lower Upper
77 100
123 43.6 33.0 49.6
65 13.5 10.9 16.3





#25
Isophorone
Concen: 44.764 ng
RT: 7.728 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

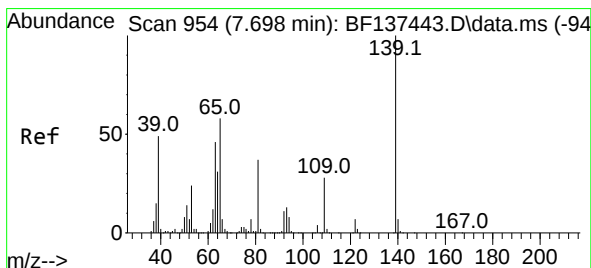
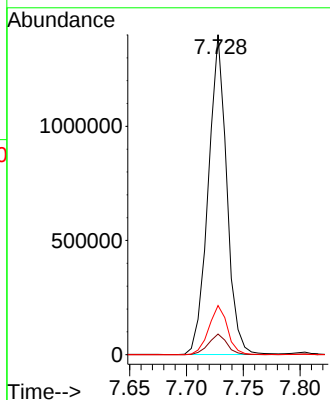
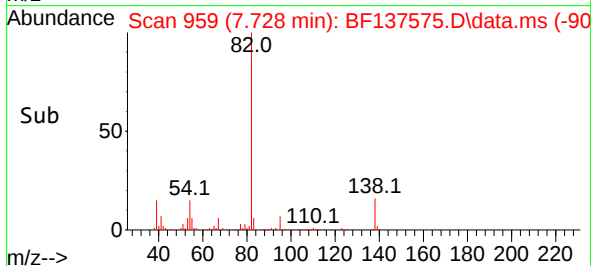
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion: 82 Resp: 158356
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.4 11.8 17.8

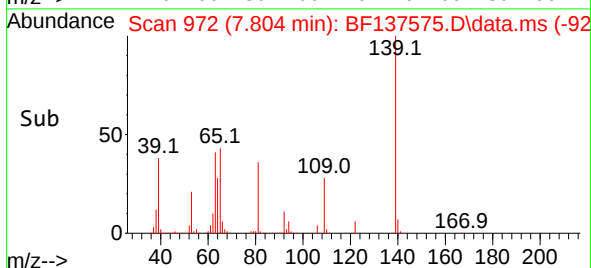
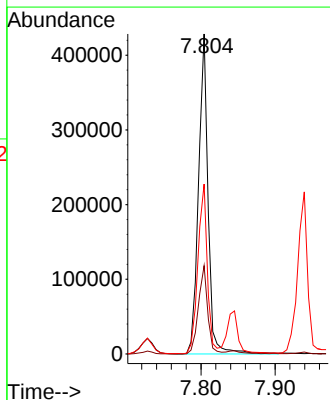
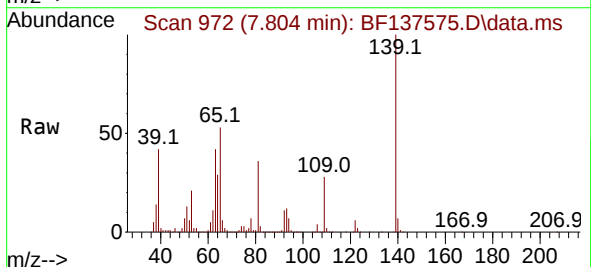
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 52.090 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion:139 Resp: 386832
Ion Ratio Lower Upper
139 100
109 27.6 22.2 33.4
65 53.1 46.2 69.2





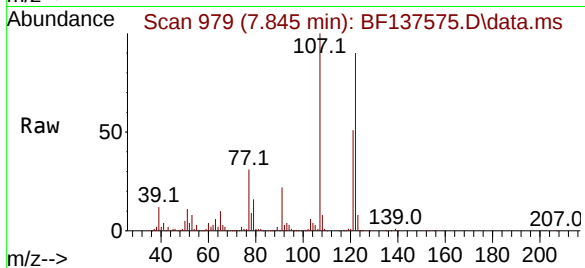
#27
2,4-Dimethylphenol
Concen: 37.884 ng
RT: 7.845 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

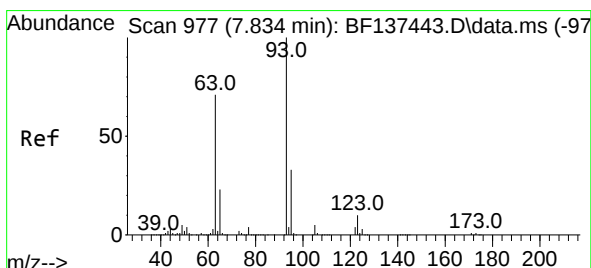
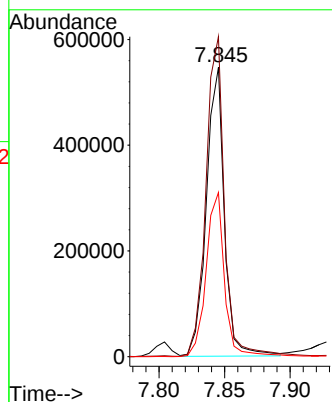
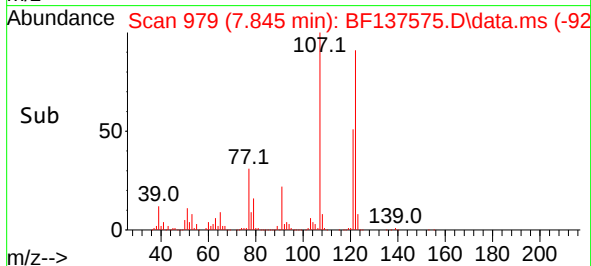


Tgt Ion:122 Resp: 52568
Ion Ratio Lower Upper
122 100
107 110.6 90.9 136.3
121 56.8 47.0 70.6

Manual Integrations

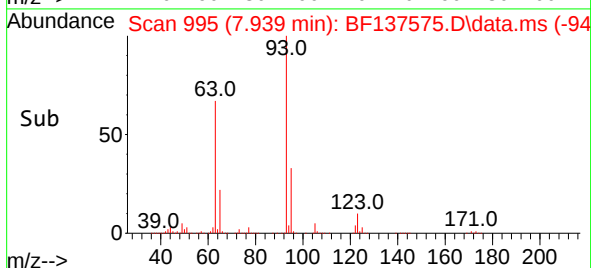
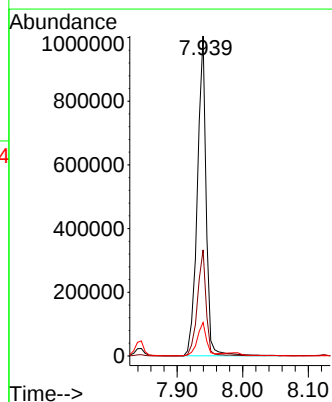
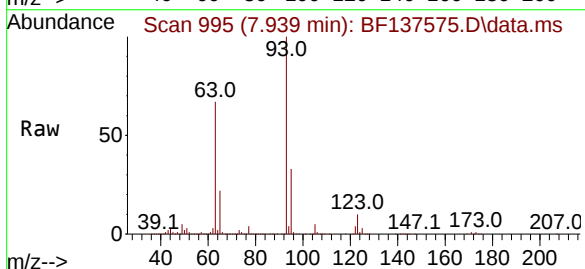
APPROVED

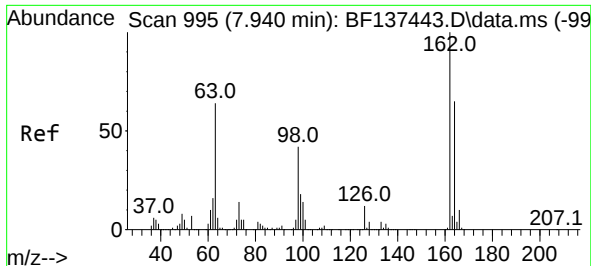
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.442 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion: 93 Resp: 943192
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.4 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.837 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

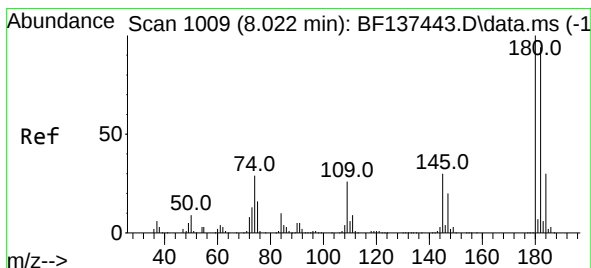
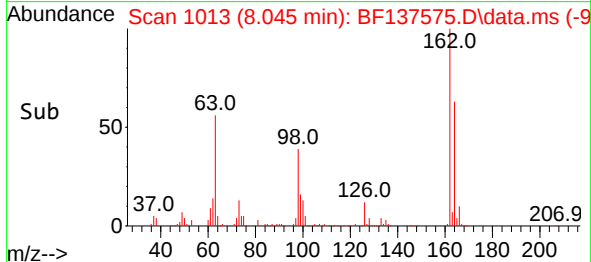
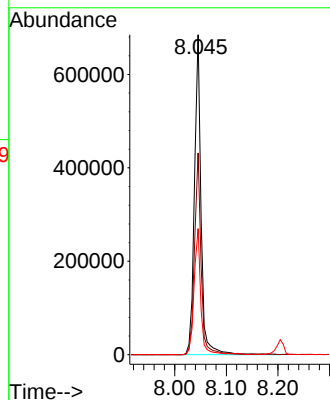
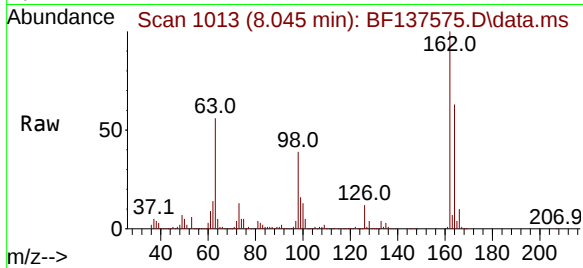
RT-3860MS

Tgt Ion:162 Resp: 609204
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.7 84.7
 98 39.4 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: 46.608 ng

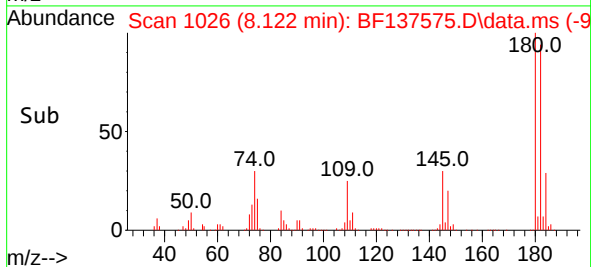
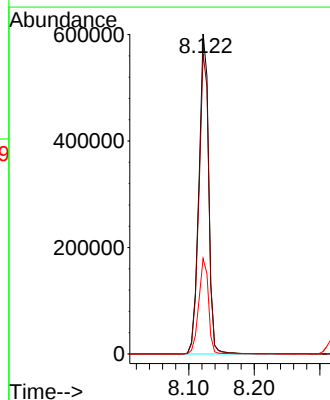
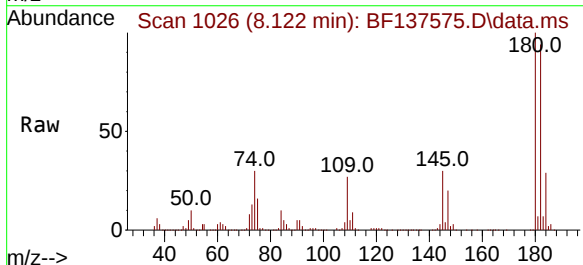
RT: 8.122 min Scan# 1026

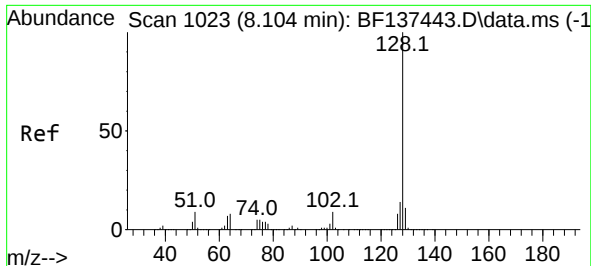
Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Tgt Ion:180 Resp: 624633
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.0 112.6
 145 29.9 23.7 35.5





#31
Naphthalene
Concen: 43.879 ng
RT: 8.204 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

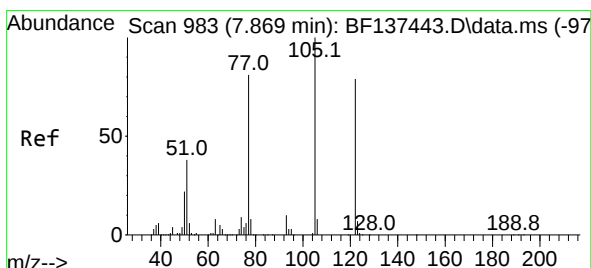
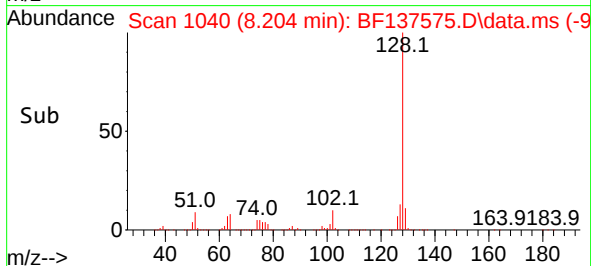
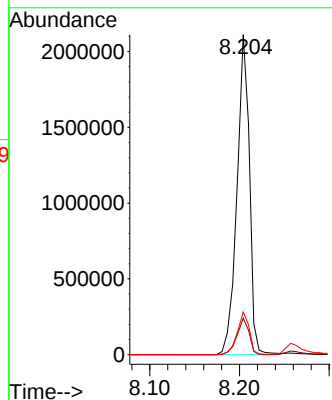
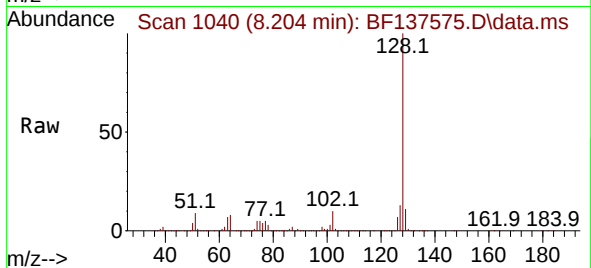
RT-3860MS

Tgt Ion:128 Resp: 2036838
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.8 16.2

Manual Integrations

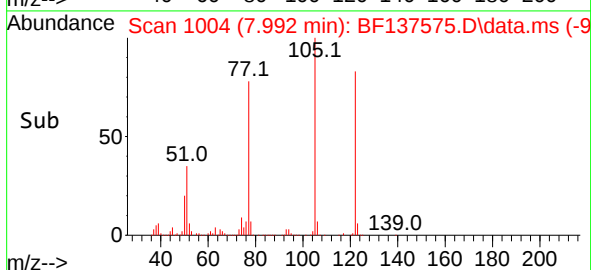
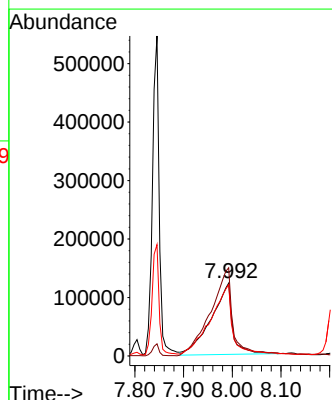
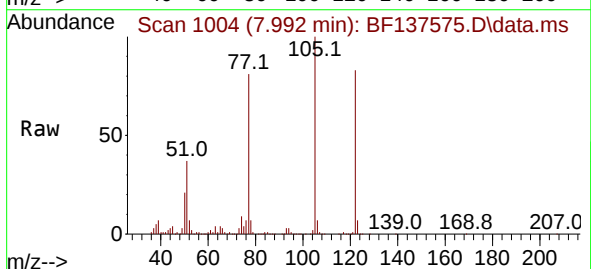
APPROVED

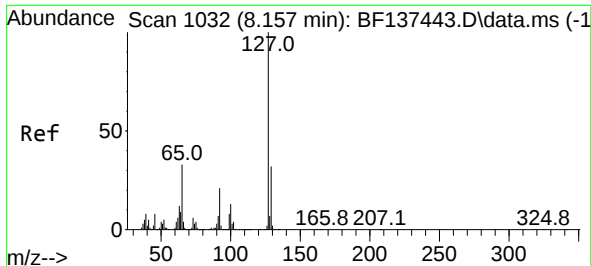
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#32
Benzoic acid
Concen: 46.959 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

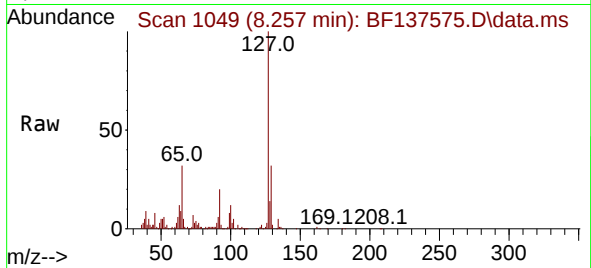
Tgt Ion:122 Resp: 373994
Ion Ratio Lower Upper
122 100
105 121.1 102.4 142.4
77 97.7 81.1 121.1





#33
4-Chloroaniline
Concen: 6.463 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

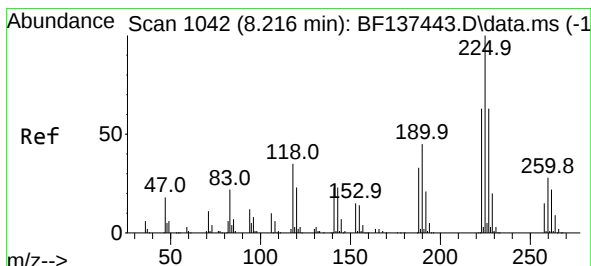
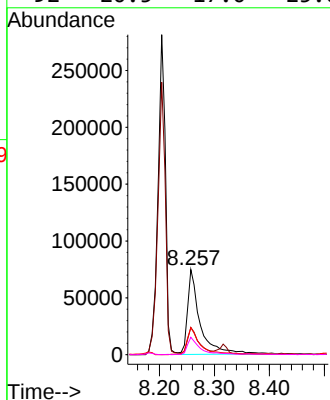
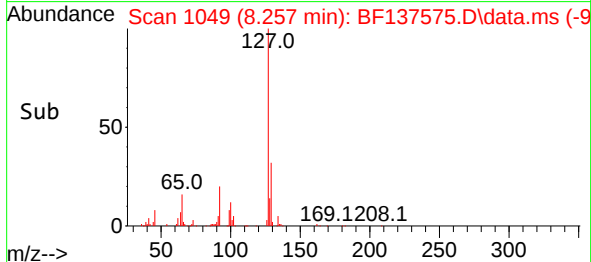
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:127 Resp: 117644
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 31.9 26.8 40.2
92 20.5 17.0 25.6

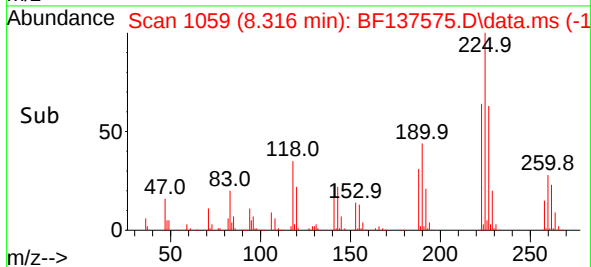
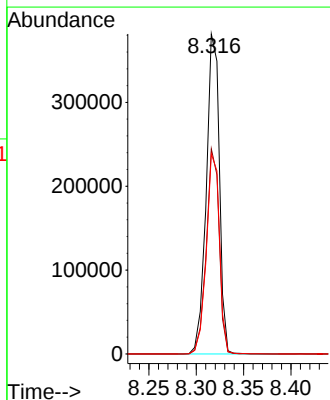
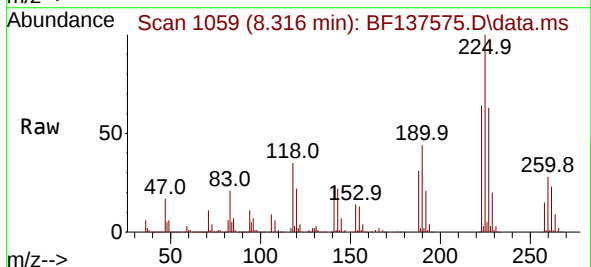
Manual Integrations
APPROVED

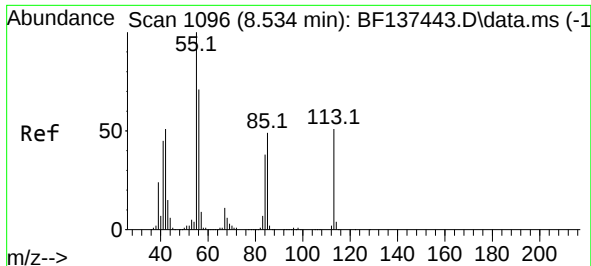
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#34
Hexachlorobutadiene
Concen: 46.368 ng
RT: 8.316 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

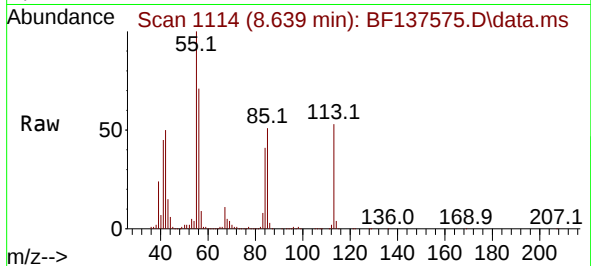
Tgt Ion:225 Resp: 366865
Ion Ratio Lower Upper
225 100
223 64.1 50.7 76.1
227 62.5 50.6 75.8





#35
Caprolactam
Concen: 49.420 ng m
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

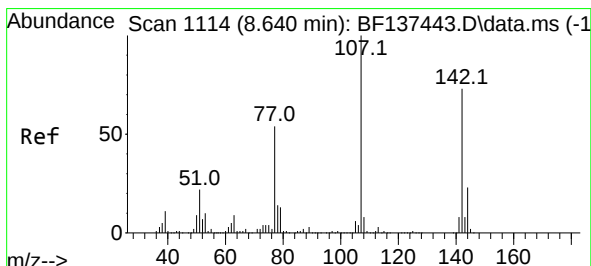
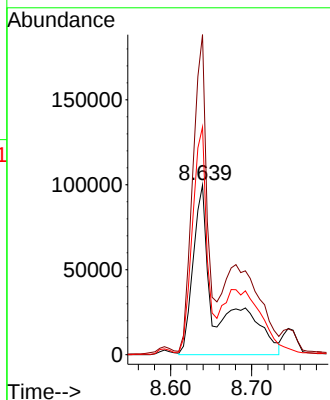
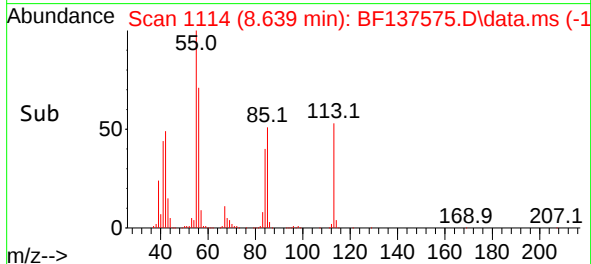
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:113 Resp: 213409
Ion Ratio Lower Upper
113 100
55 188.7 176.7 216.7
56 134.2 120.6 160.6

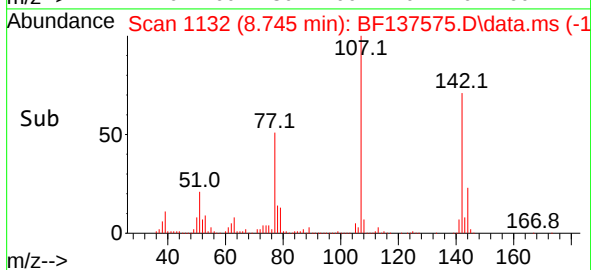
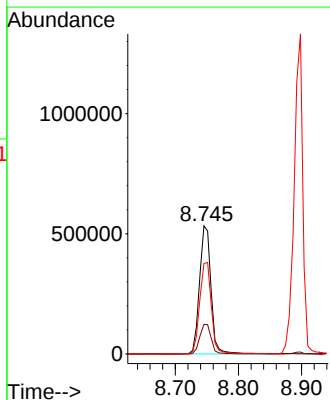
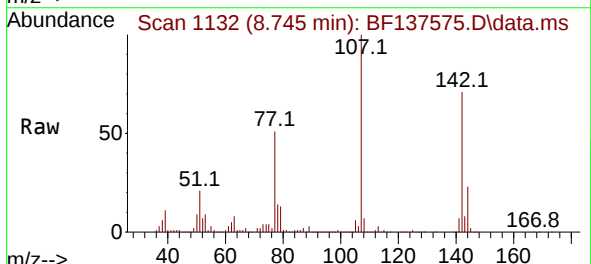
Manual Integrations
APPROVED

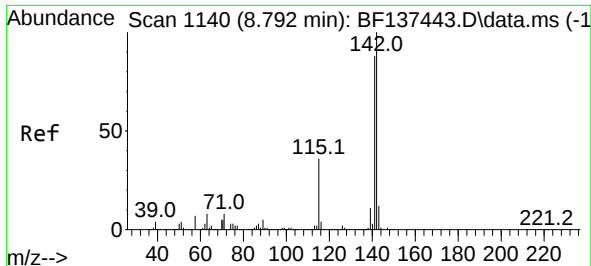
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#36
4-Chloro-3-methylphenol
Concen: 47.387 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion:107 Resp: 674556
Ion Ratio Lower Upper
107 100
144 23.2 18.7 28.1
142 70.5 58.2 87.2





#37

2-Methylnaphthalene

Concen: 42.783 ng

RT: 8.898 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:142 Resp: 126604

Ion Ratio Lower Upper

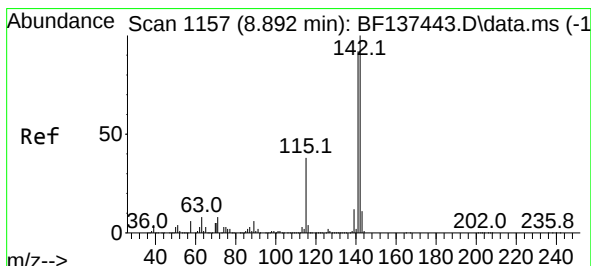
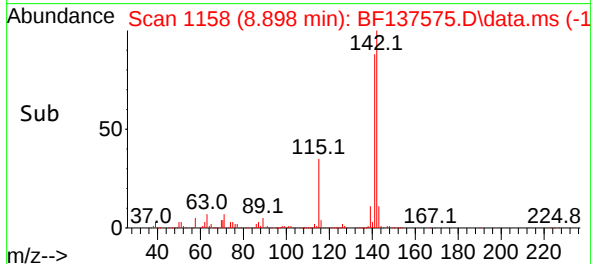
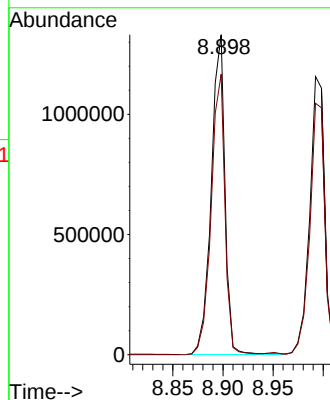
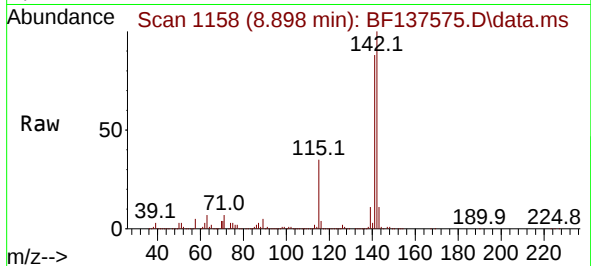
142 100

141 87.7 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: 42.331 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF137575.D

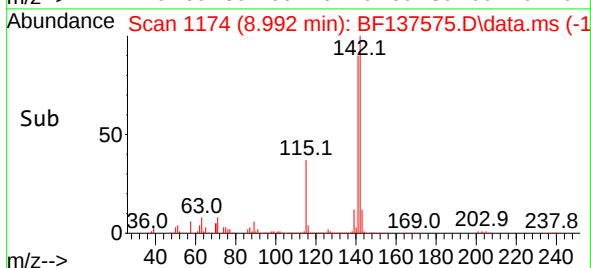
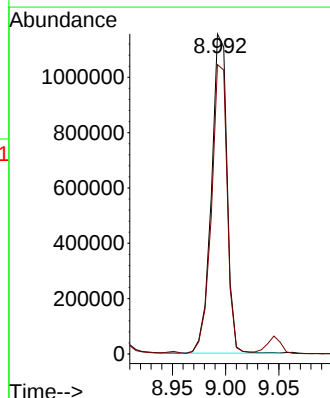
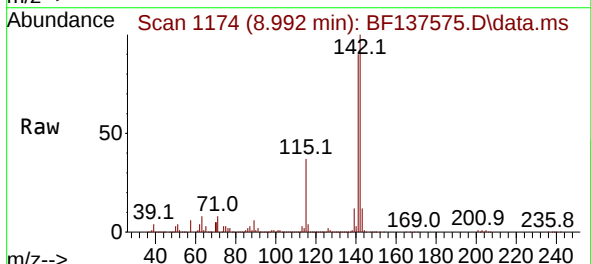
Acq: 13 Mar 2024 14:14

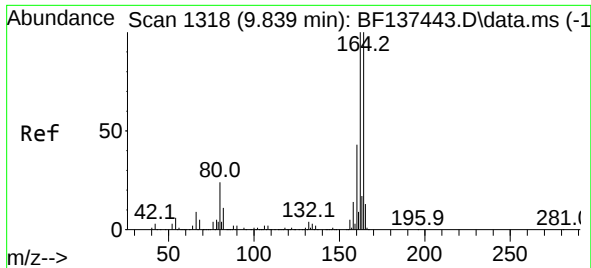
Tgt Ion:142 Resp: 1179678

Ion Ratio Lower Upper

142 100

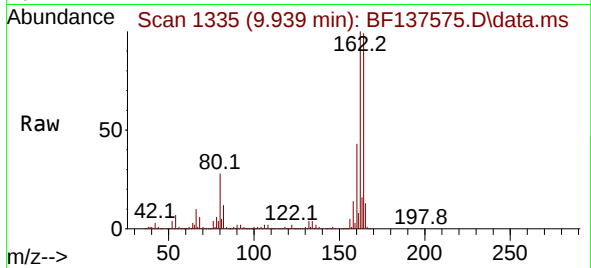
141 90.4 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

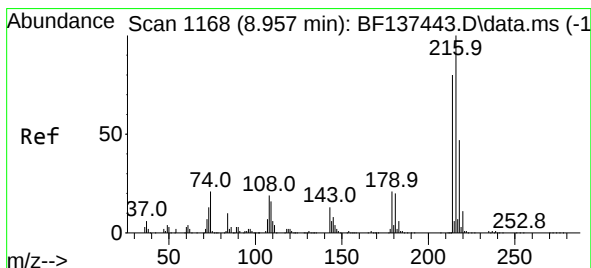
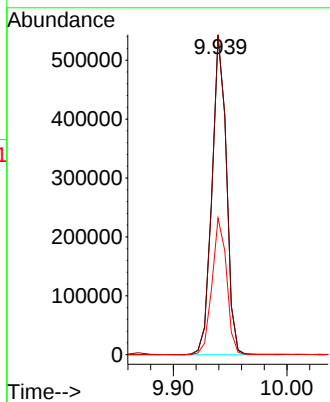
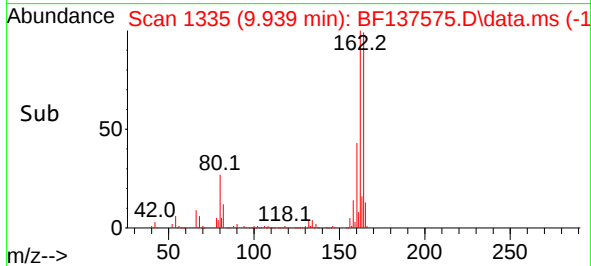
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:164 Resp: 477319
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 43.0 34.4 51.6

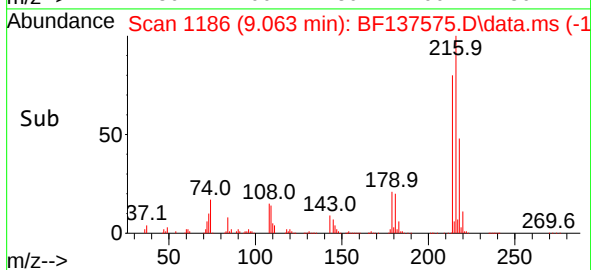
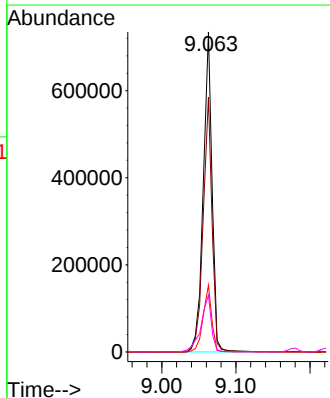
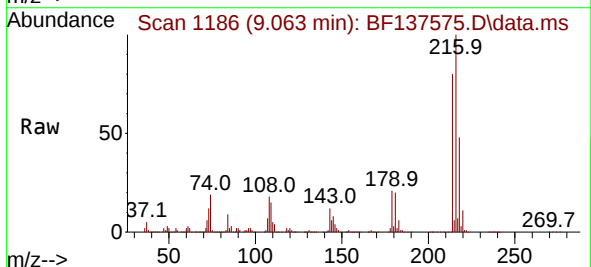
Manual Integrations
APPROVED

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.866 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

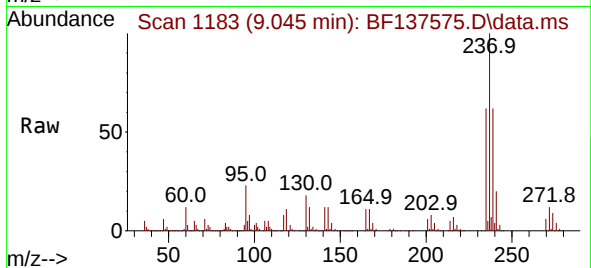
Tgt Ion:216 Resp: 611187
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 20.6 16.6 25.0
108 20.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 91.170 ng
RT: 9.045 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

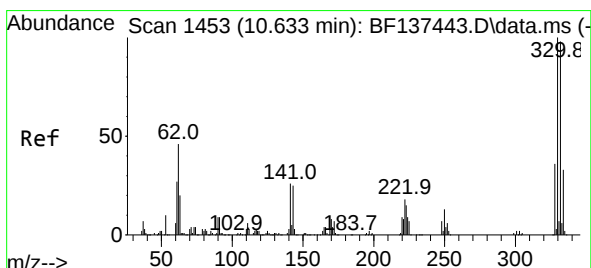
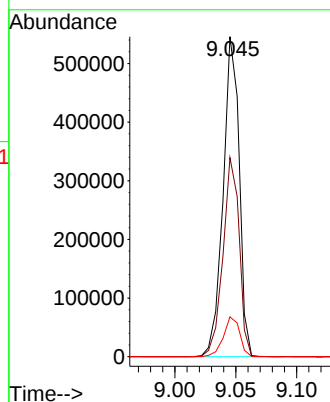
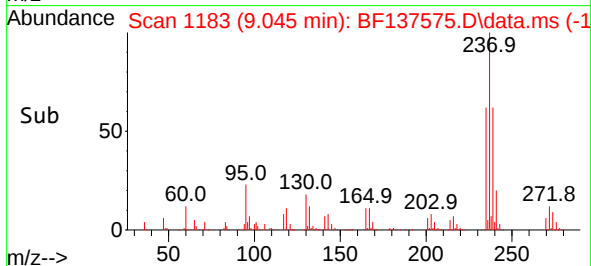
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



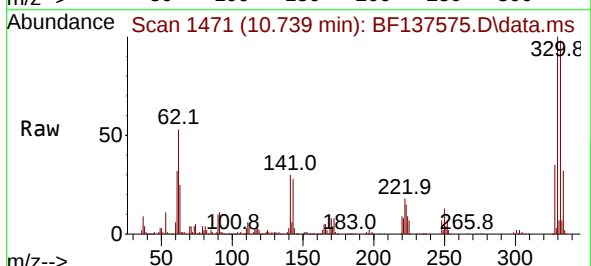
Tgt Ion:237 Resp: 502770
Ion Ratio Lower Upper
237 100
235 62.2 43.6 83.6
272 12.4 0.0 31.9

Manual Integrations
APPROVED

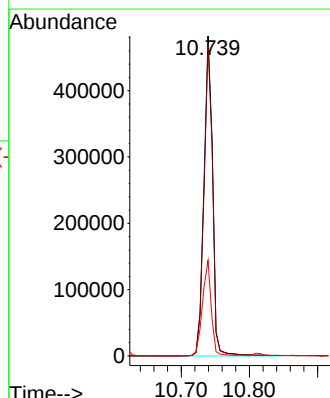
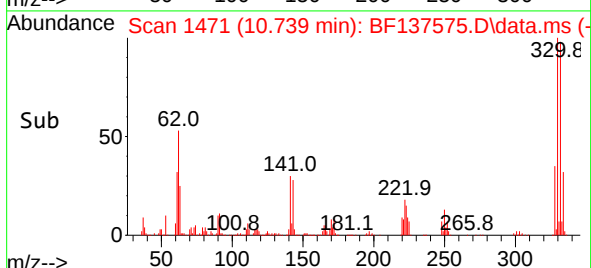
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

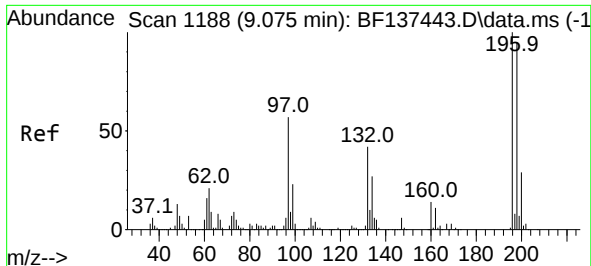


#42
2,4,6-Tribromophenol
Concen: 102.395 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



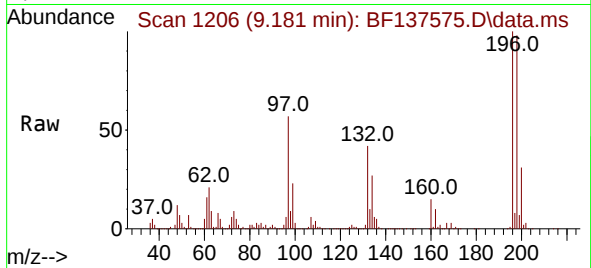
Tgt Ion:330 Resp: 429208
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 30.2 27.3 40.9





#43
2,4,6-Trichlorophenol
Concen: 47.988 ng
RT: 9.181 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

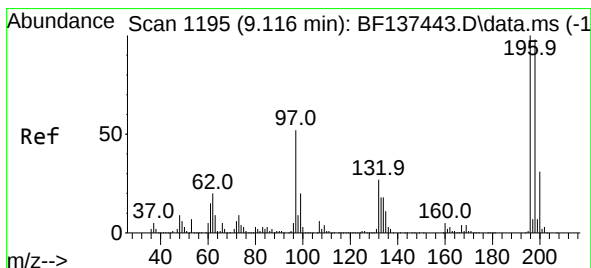
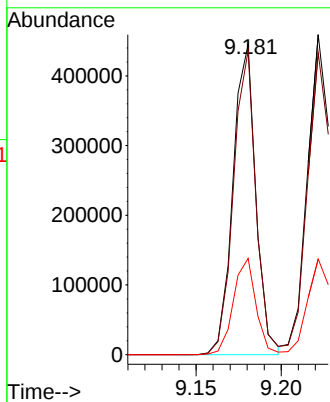
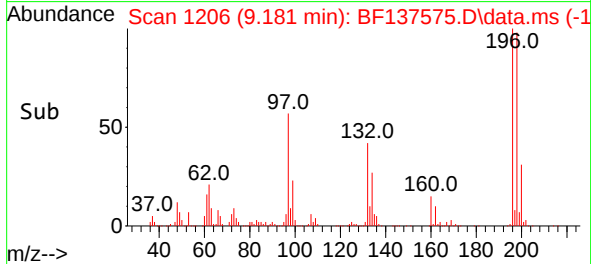
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:196 Resp: 41642
Ion Ratio Lower Upper
196 100
198 98.0 75.8 113.8
200 31.1 23.5 35.3

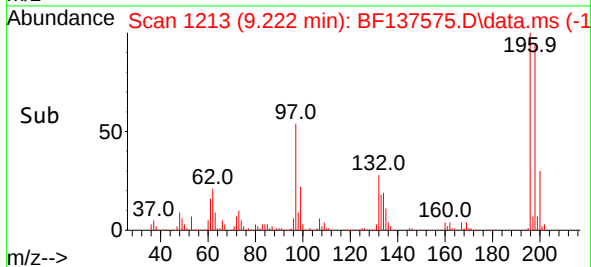
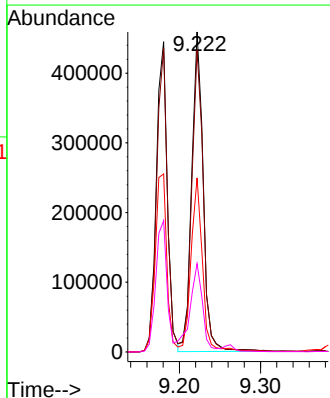
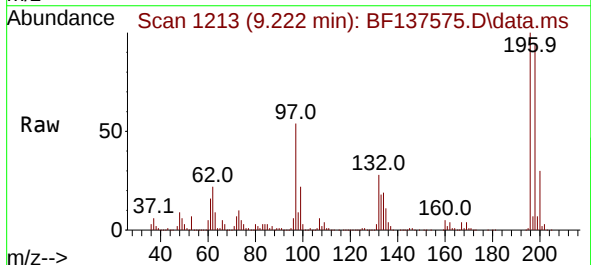
Manual Integrations
APPROVED

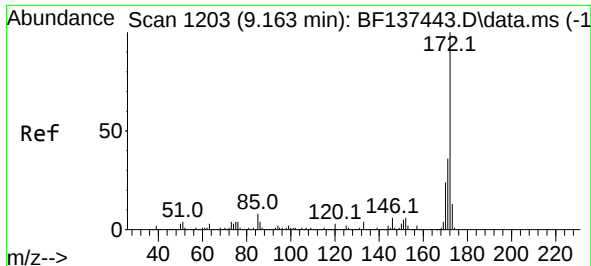
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#44
2,4,5-Trichlorophenol
Concen: 45.312 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion:196 Resp: 452950
Ion Ratio Lower Upper
196 100
198 94.3 78.6 117.8
97 54.4 41.8 62.8
132 27.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 61.761 ng

RT: 9.263 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:172 Resp: 188323

Ion Ratio Lower Upper

172 100

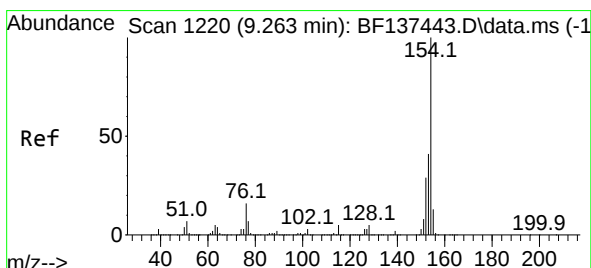
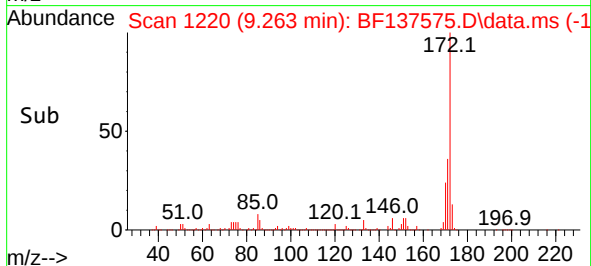
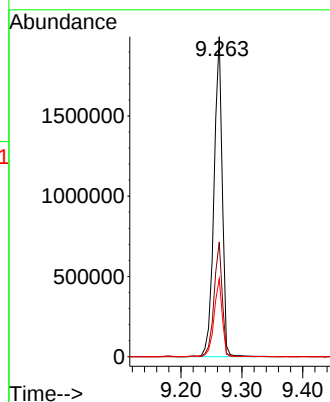
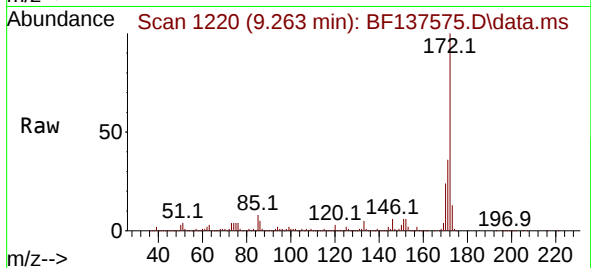
171 35.8 28.5 42.7

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: 44.556 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

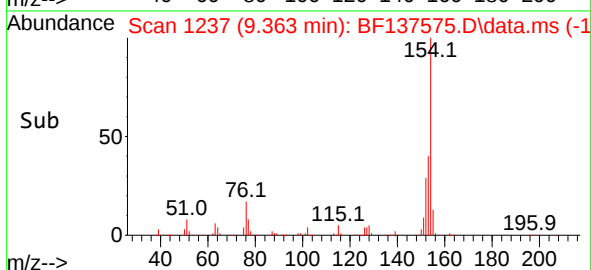
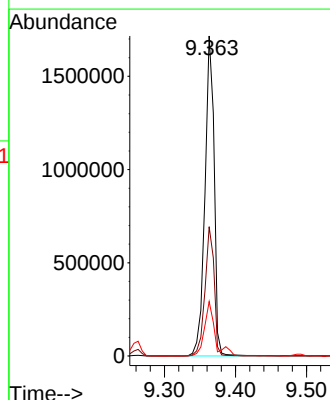
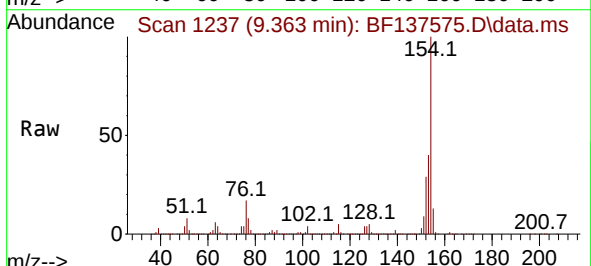
Tgt Ion:154 Resp: 1556574

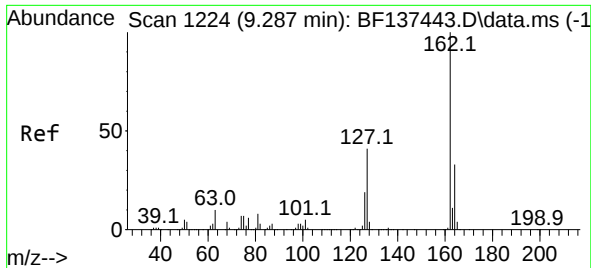
Ion Ratio Lower Upper

154 100

153 40.4 21.0 61.0

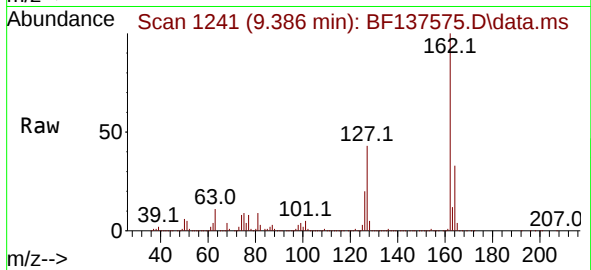
76 17.0 0.0 35.8





#47
2-Chloronaphthalene
Concen: 45.790 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

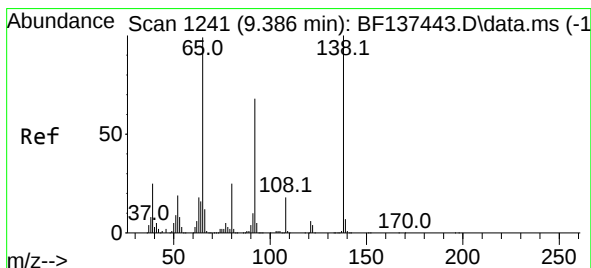
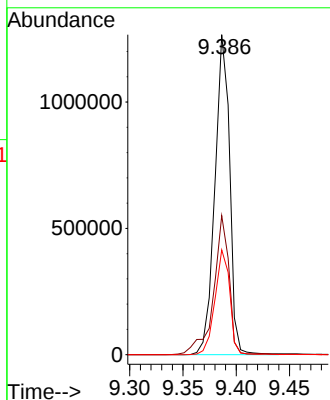
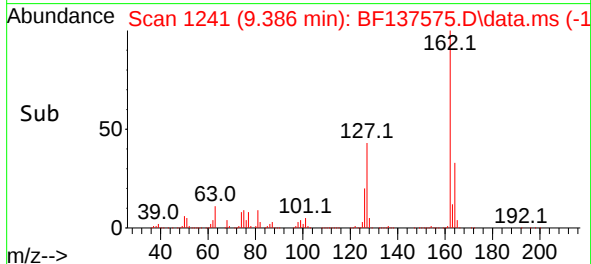
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion: 162 Resp: 1219650
Ion Ratio Lower Upper
162 100
127 43.5 32.6 49.0
164 32.8 26.5 39.7

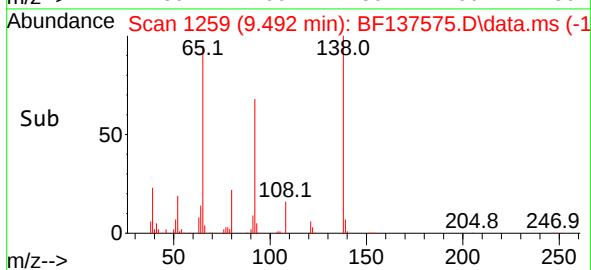
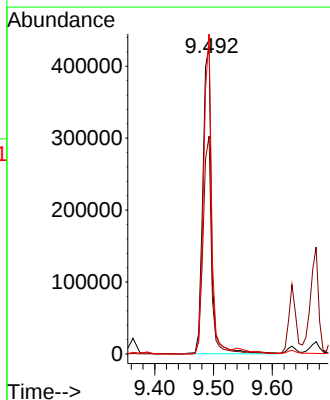
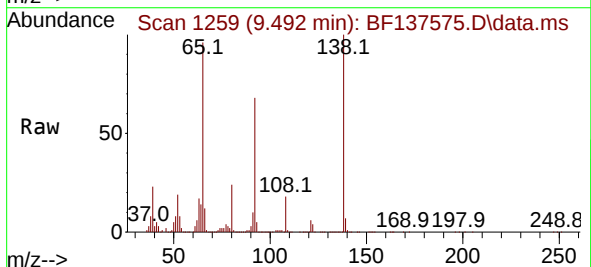
Manual Integrations
APPROVED

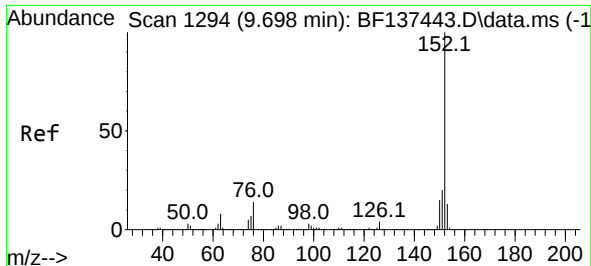
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#48
2-Nitroaniline
Concen: 48.341 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

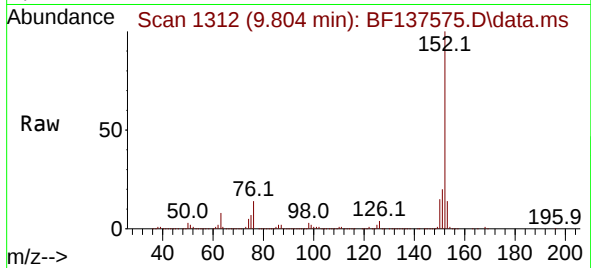
Tgt Ion: 65 Resp: 437635
Ion Ratio Lower Upper
65 100
92 70.8 55.4 83.2
138 104.0 81.0 121.6





#49
Acenaphthylene
Concen: 44.950 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

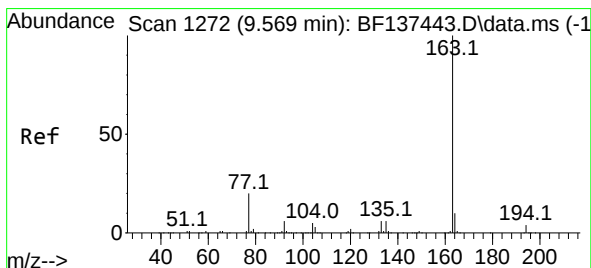
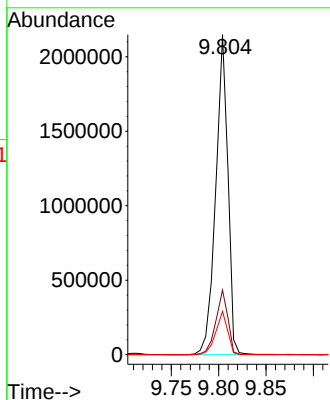
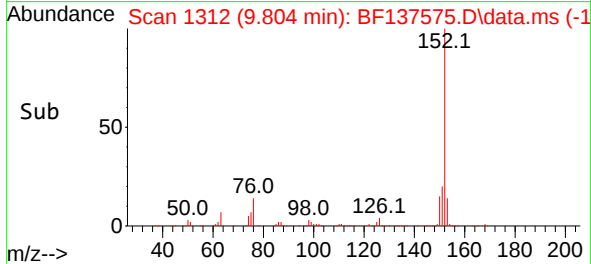
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



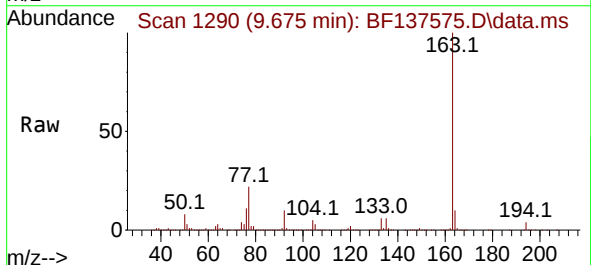
Tgt Ion:152 Resp: 191604
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.5 10.8 16.2

Manual Integrations
APPROVED

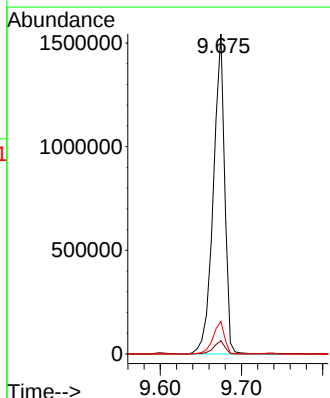
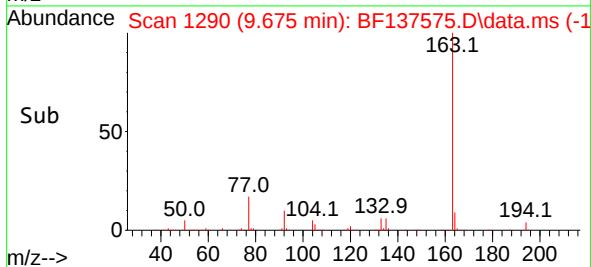
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

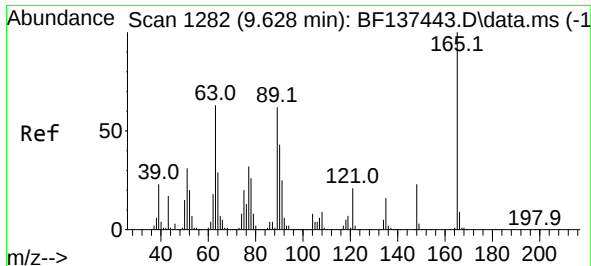


#50
Dimethylphthalate
Concen: 45.064 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



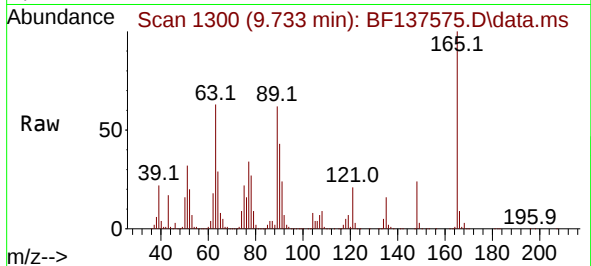
Tgt Ion:163 Resp: 1497350
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.188 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

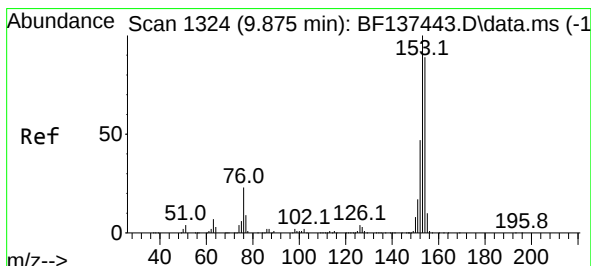
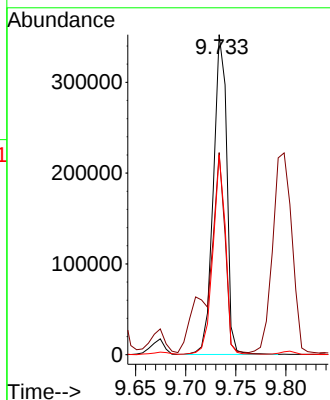
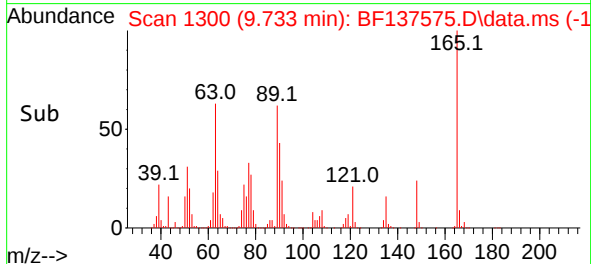
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:165 Resp: 32794
Ion Ratio Lower Upper
165 100
63 63.1 50.7 76.1
89 62.4 50.0 75.0

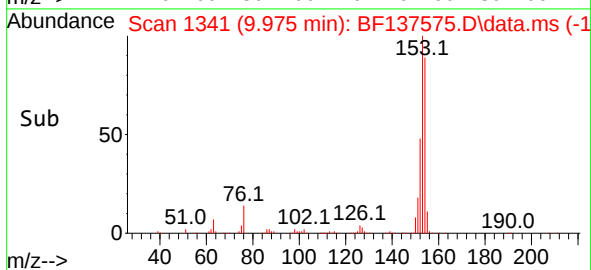
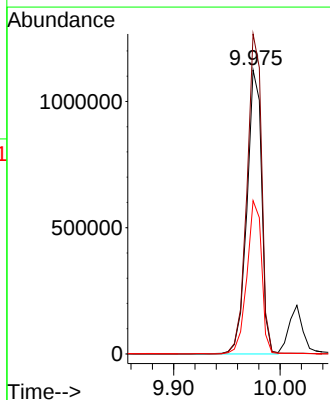
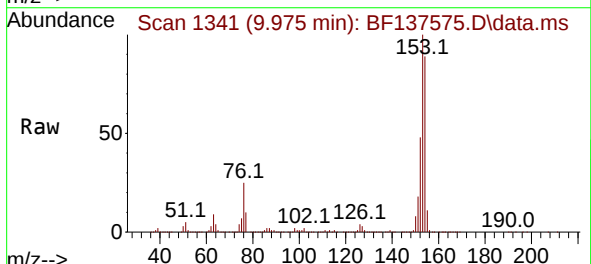
Manual Integrations
APPROVED

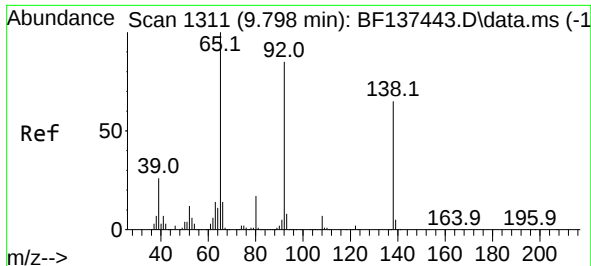
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#52
Acenaphthene
Concen: 42.633 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion:154 Resp: 1084934
Ion Ratio Lower Upper
154 100
153 112.7 90.3 135.5
152 54.0 42.7 64.1





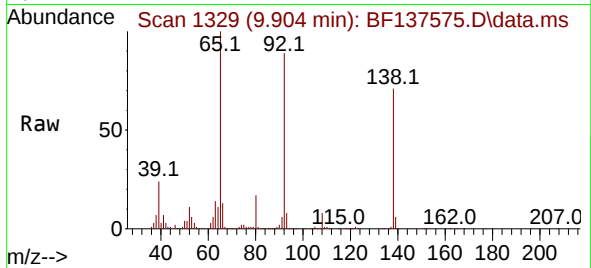
#53
3-Nitroaniline
Concen: 22.143 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

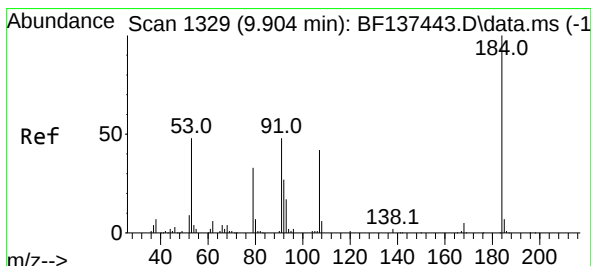
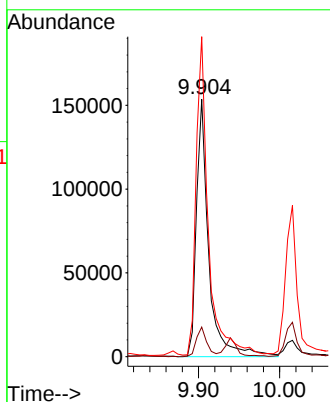
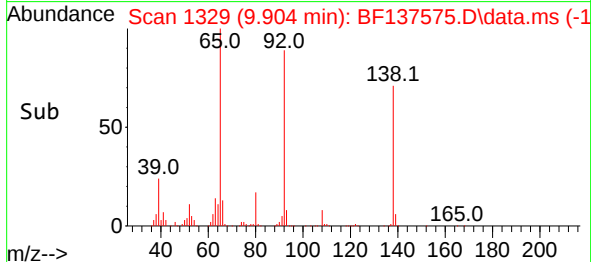


Tgt Ion:138 Resp: 162774
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 124.3 104.6 157.0

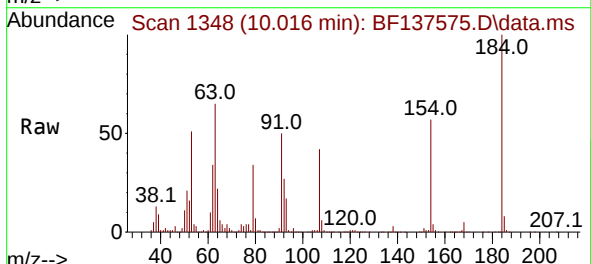
Manual Integrations

APPROVED

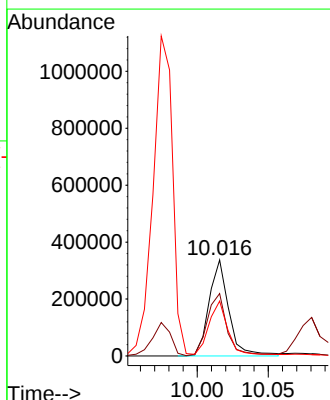
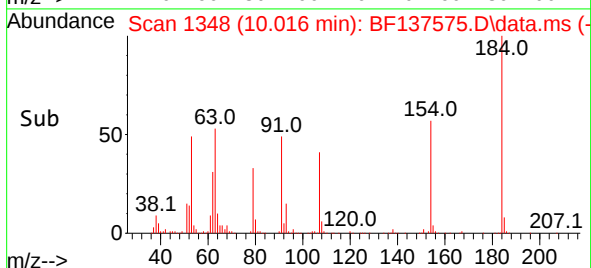
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

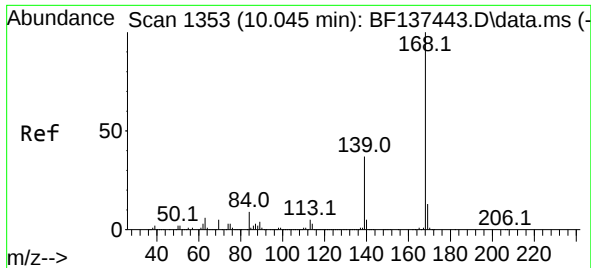


#54
2,4-Dinitrophenol
Concen: 94.542 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



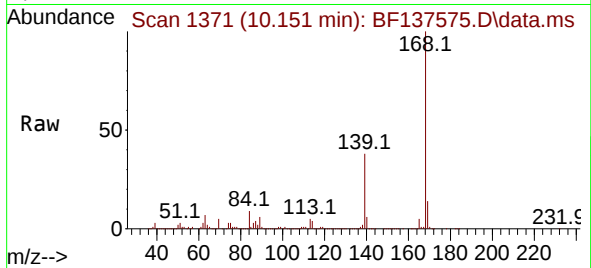
Tgt Ion:184 Resp: 326119
Ion Ratio Lower Upper
184 100
63 65.0 53.3 79.9
154 57.1 47.4 71.0





#55
Dibenzenofuran
Concen: 41.462 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

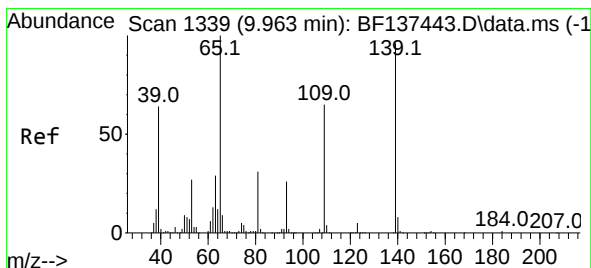
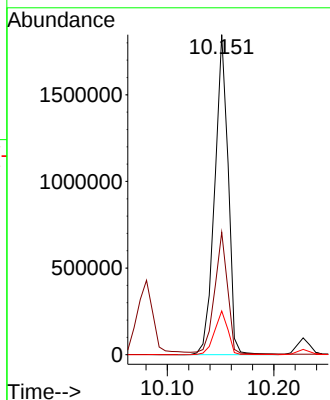
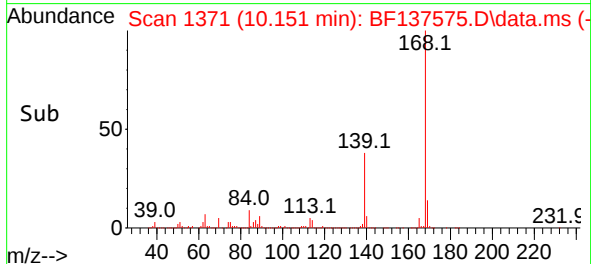
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:168 Resp: 160702
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.6 10.8 16.2

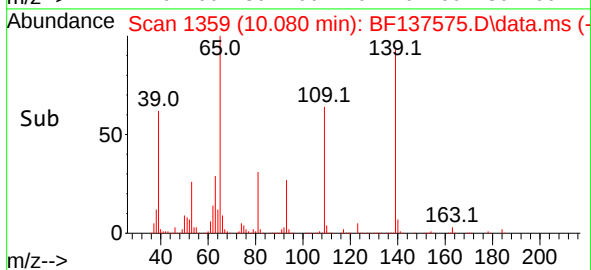
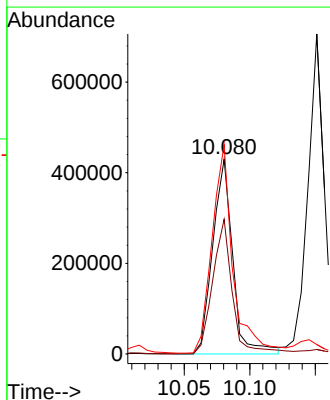
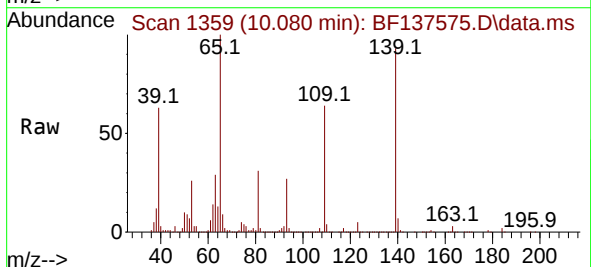
Manual Integrations
APPROVED

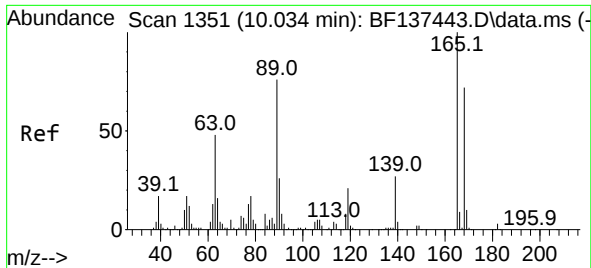
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#56
4-Nitrophenol
Concen: 87.114 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.018 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

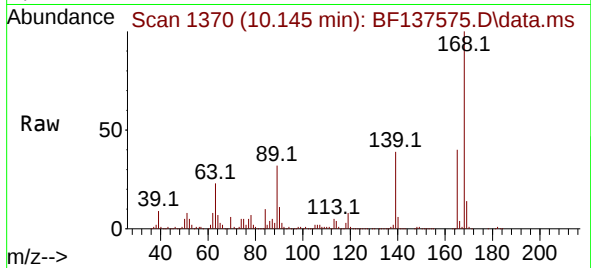
Tgt Ion:139 Resp: 457830
Ion Ratio Lower Upper
139 100
109 69.2 47.1 87.1
65 107.6 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 45.724 ng
RT: 10.145 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

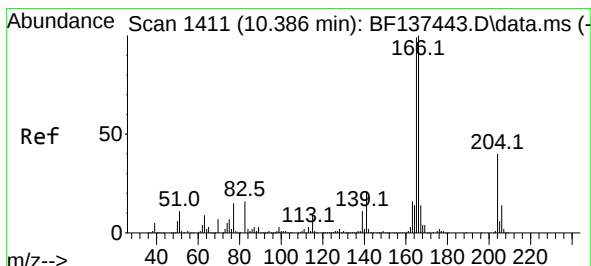
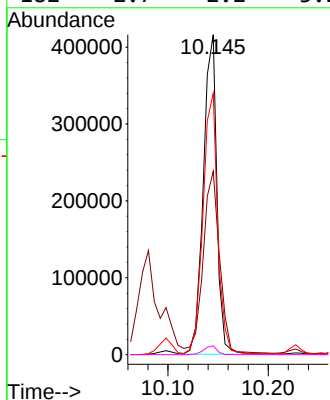
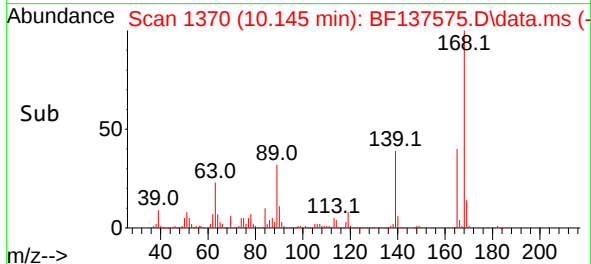
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



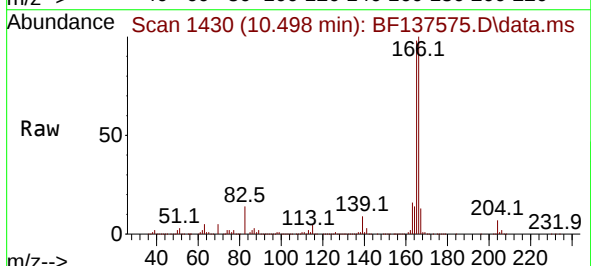
Tgt Ion:165 Resp: 390404
Ion Ratio Lower Upper
165 100
63 57.3 39.0 58.6
89 81.7 60.9 91.3
182 2.7 2.2 3.2

Manual Integrations
APPROVED

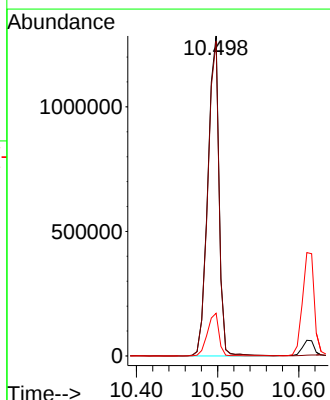
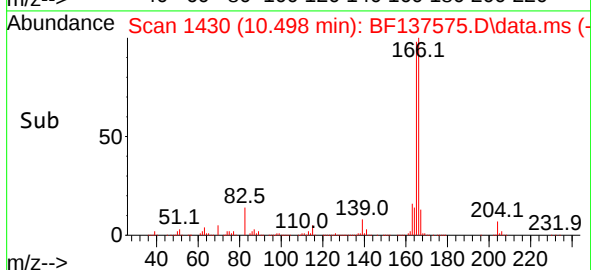
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

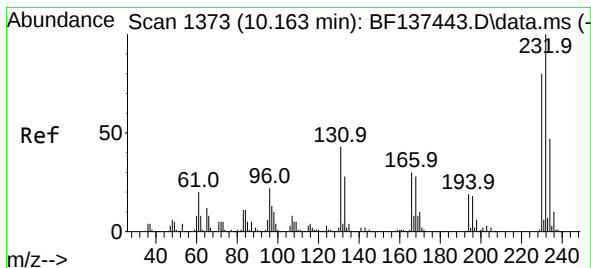


#58
Fluorene
Concen: 41.128 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



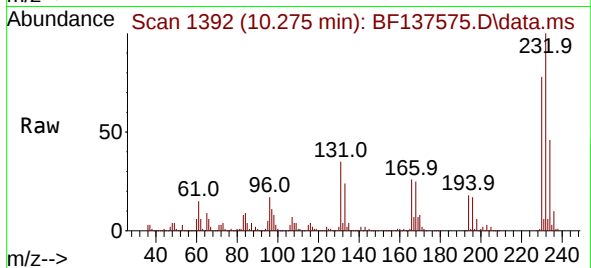
Tgt Ion:166 Resp: 1224236
Ion Ratio Lower Upper
166 100
165 98.4 79.2 118.8
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.517 ng
RT: 10.275 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

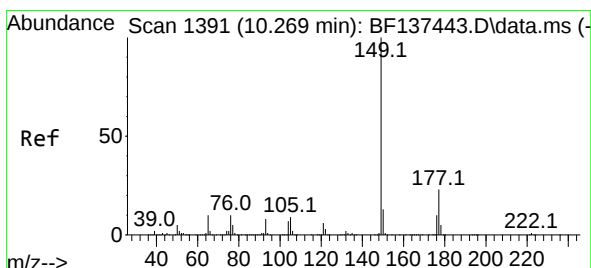
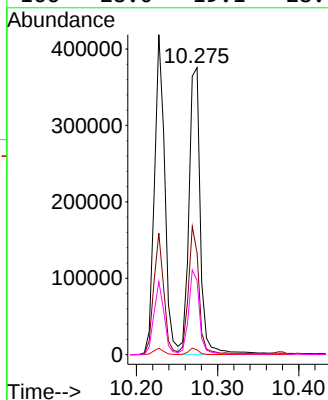
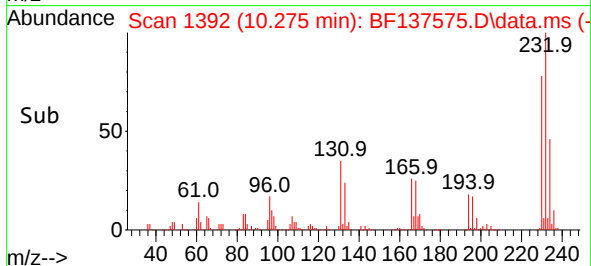
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:232 Resp: 364861
Ion Ratio Lower Upper
232 100
131 40.6 31.2 46.8
130 2.1 1.8 2.6
166 28.0 19.1 28.7

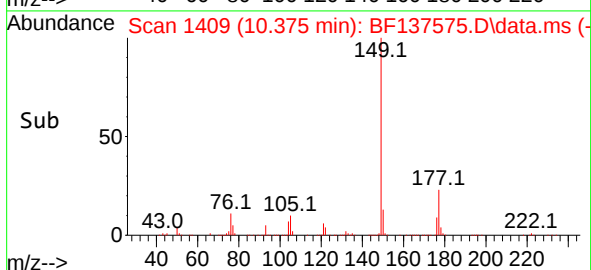
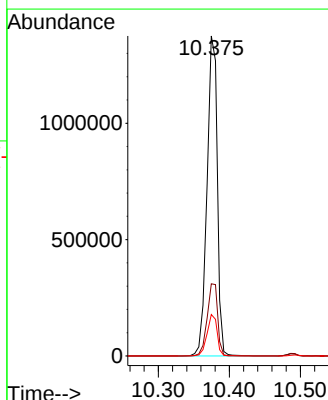
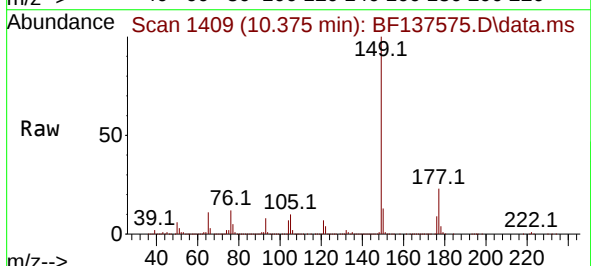
Manual Integrations
APPROVED

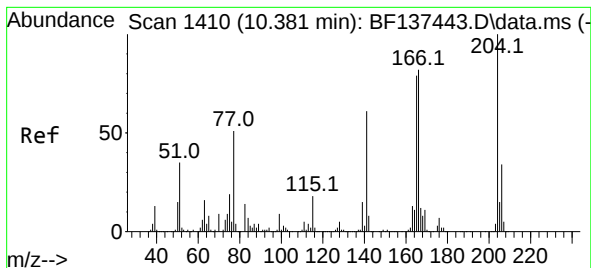
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#60
Diethylphthalate
Concen: 44.282 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

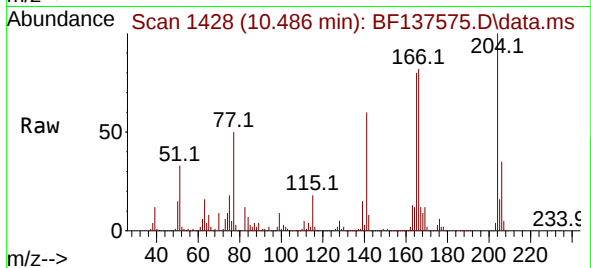
Tgt Ion:149 Resp: 1389445
Ion Ratio Lower Upper
149 100
177 22.5 18.7 28.1
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.619 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

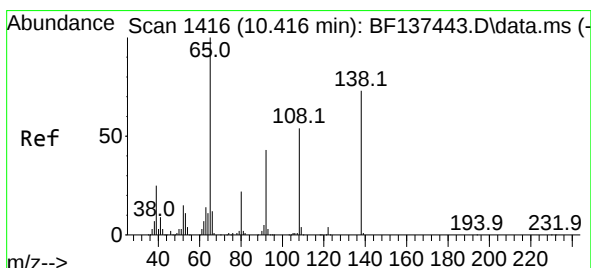
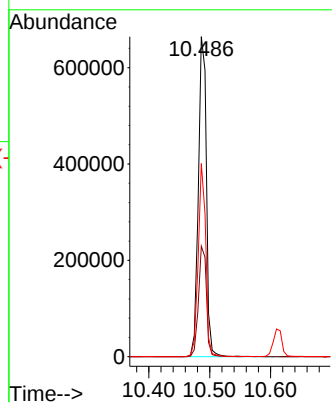
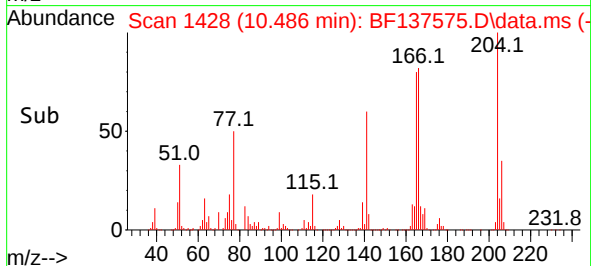
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



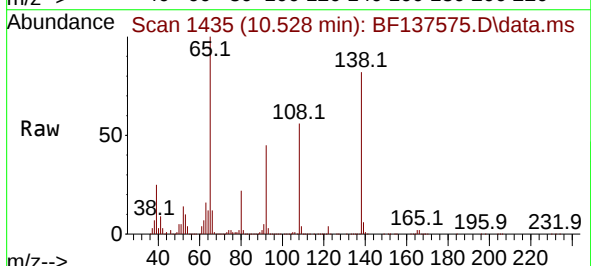
Tgt Ion:204 Resp: 60714
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.0
141 60.3 48.4 72.6

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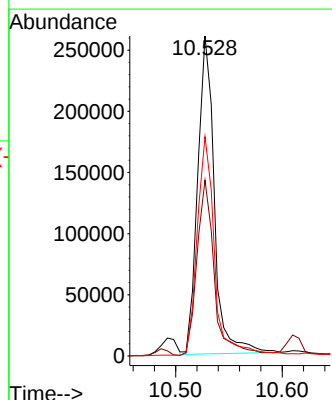
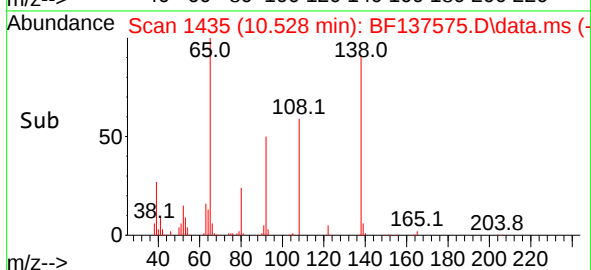
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

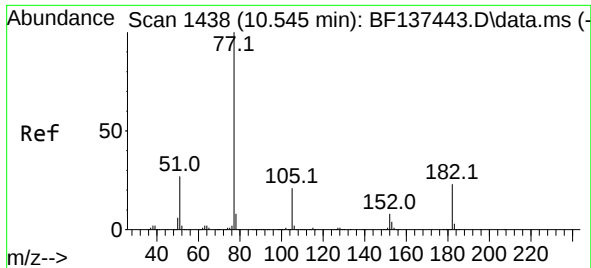


#62
4-Nitroaniline
Concen: 44.906 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



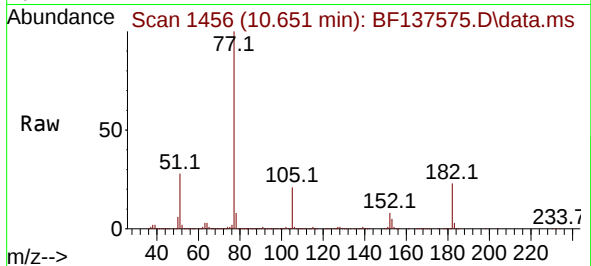
Tgt Ion:138 Resp: 283720
Ion Ratio Lower Upper
138 100
92 54.9 37.9 77.9
108 68.5 53.2 93.2





#63
Azobenzene
Concen: 43.335 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

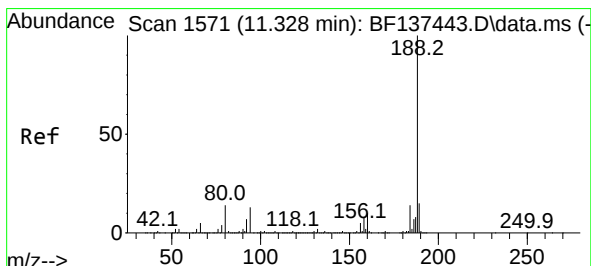
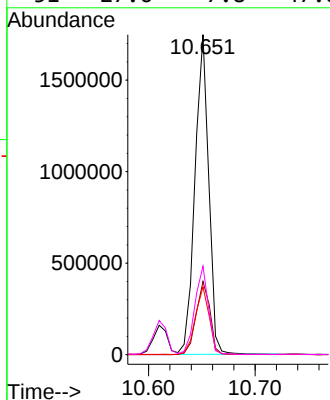
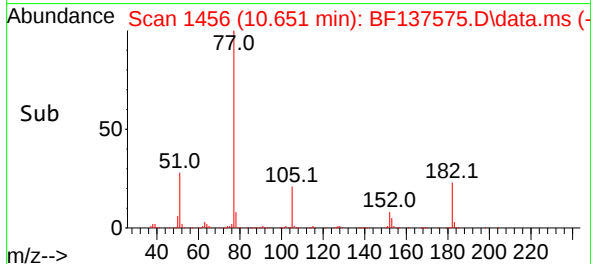
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



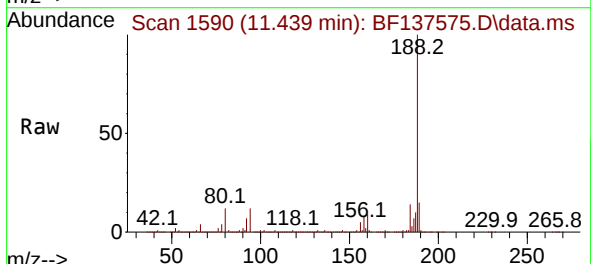
Tgt Ion: 77 Resp: 156570
Ion Ratio Lower Upper
77 100
182 22.9 3.2 43.2
105 21.2 1.2 41.2
51 27.6 7.8 47.8

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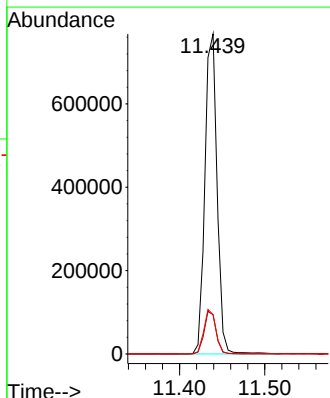
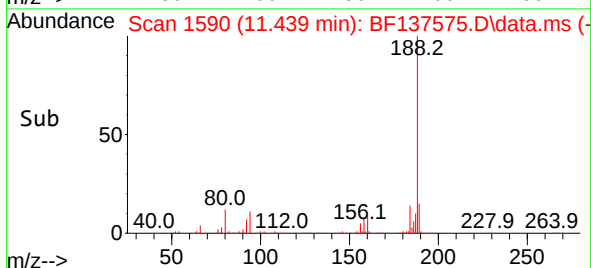
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

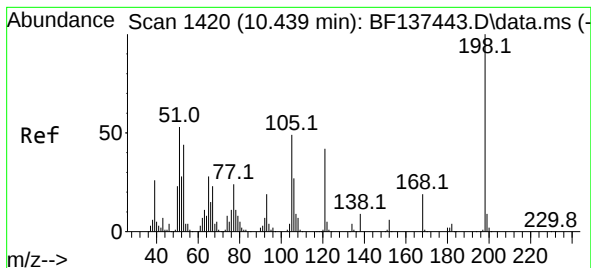


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



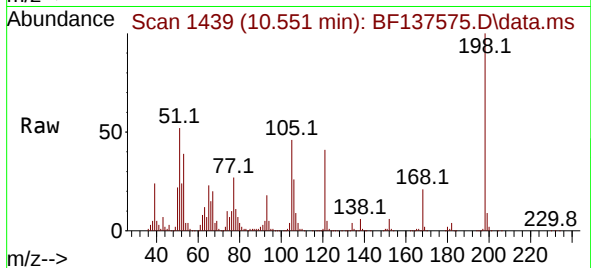
Tgt Ion:188 Resp: 760348
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 12.3 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 55.320 ng
RT: 10.551 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

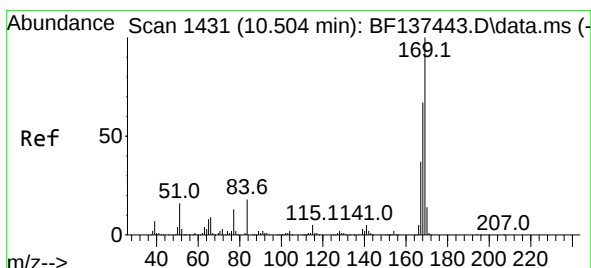
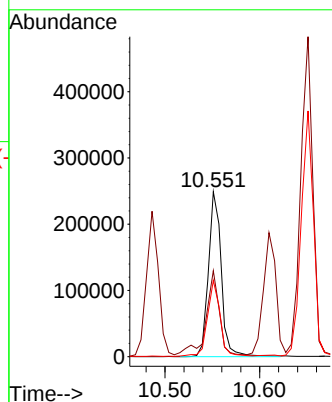
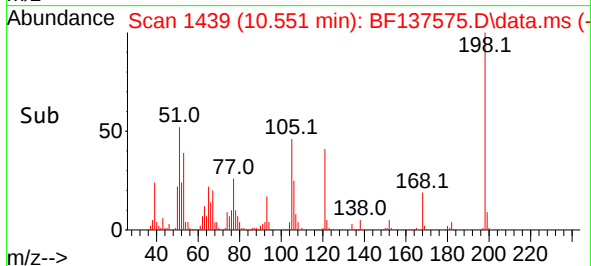
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



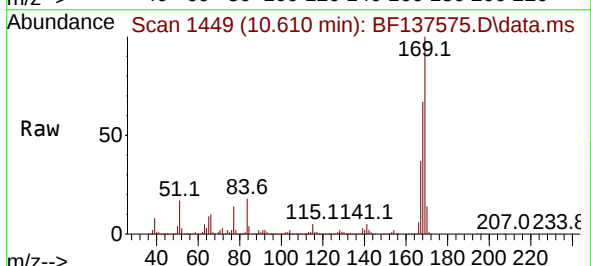
Tgt Ion:198 Resp: 23443
Ion Ratio Lower Upper
198 100
51 52.1 37.2 77.2
105 46.1 29.2 69.2

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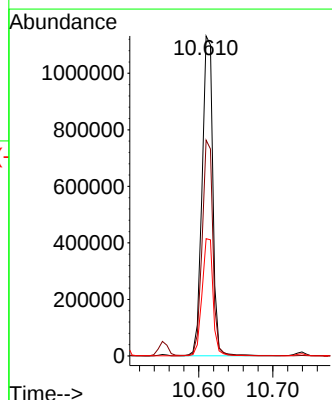
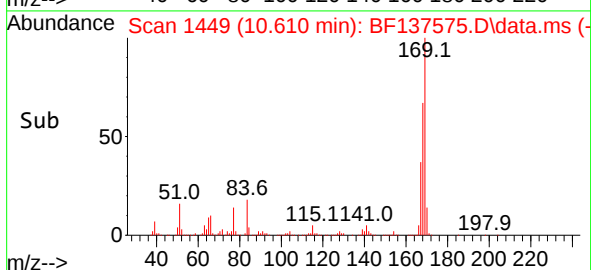
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

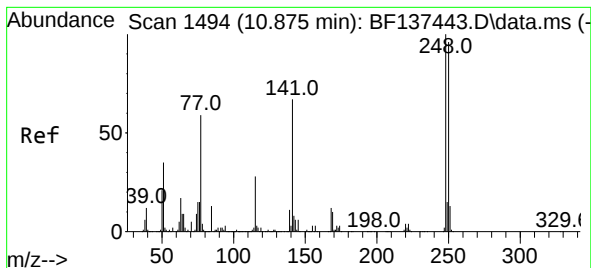


#66
n-Nitrosodiphenylamine
Concen: 46.511 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



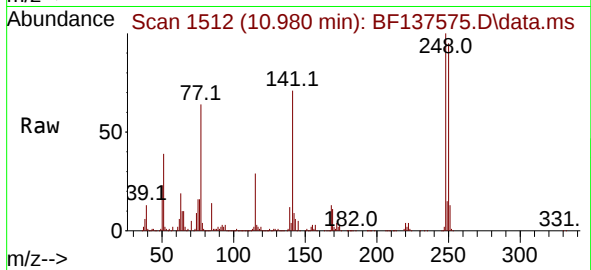
Tgt Ion:169 Resp: 1138794
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 36.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 49.245 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

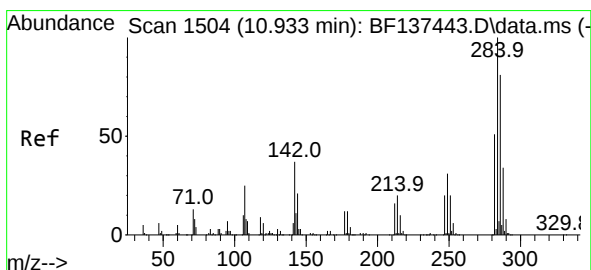
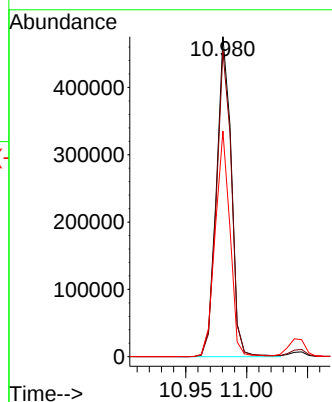
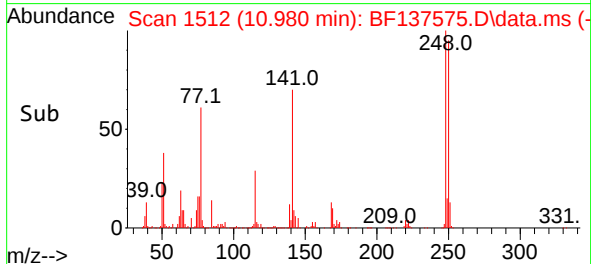
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:248 Resp: 407828
Ion Ratio Lower Upper
248 100
250 95.5 76.8 115.2
141 70.5 53.4 80.0

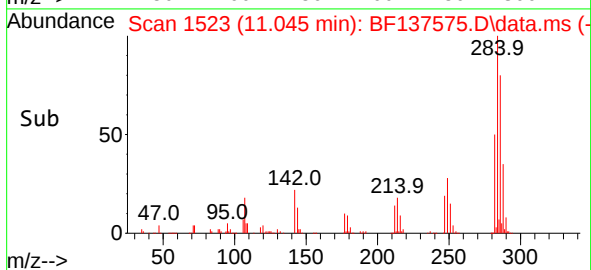
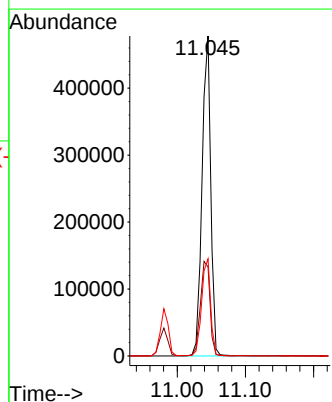
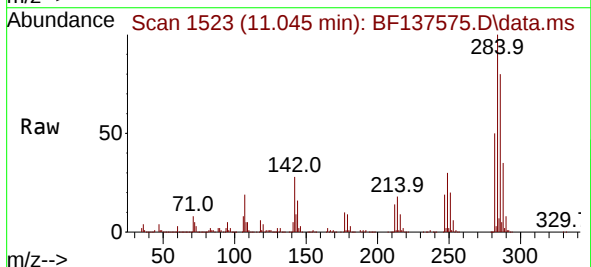
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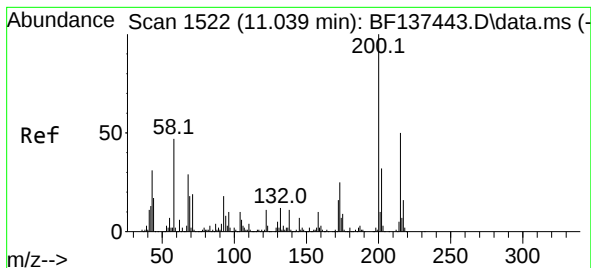
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#68
Hexachlorobenzene
Concen: 50.778 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

Tgt Ion:284 Resp: 424729
Ion Ratio Lower Upper
284 100
142 27.8 29.4 44.0#
249 30.3 25.0 37.4





#69

Atrazine

Concen: 48.242 ng

RT: 11.151 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:200 Resp: 359072

Ion Ratio Lower Upper

200 100

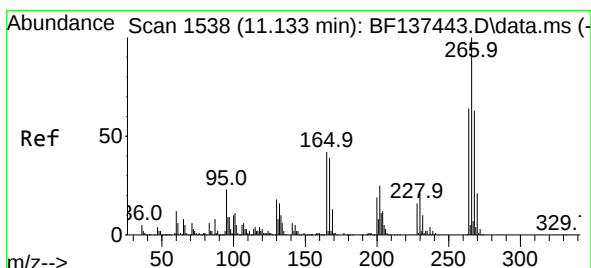
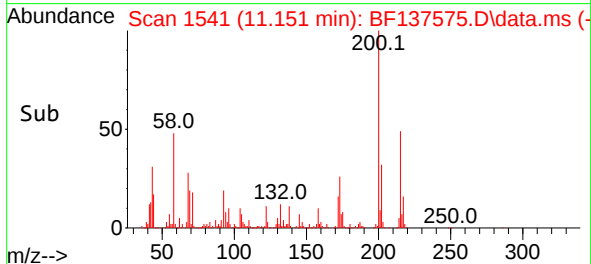
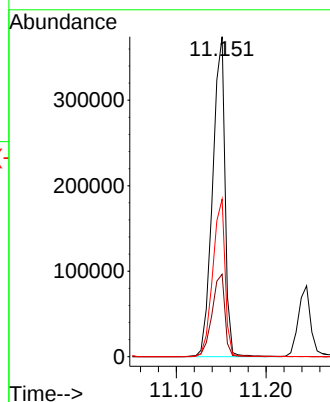
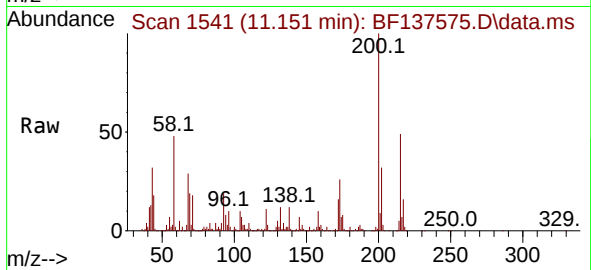
173 25.7 5.1 45.1

215 49.3 30.4 70.4

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



#70

Pentachlorophenol

Concen: 88.755 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.012 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

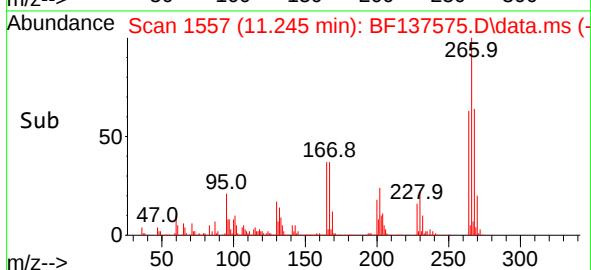
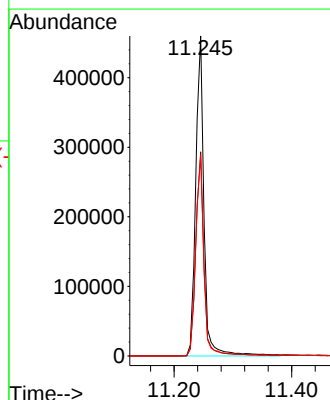
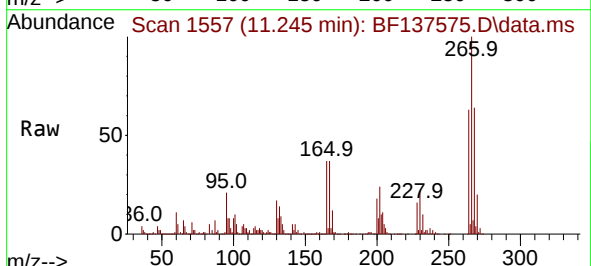
Tgt Ion:266 Resp: 448787

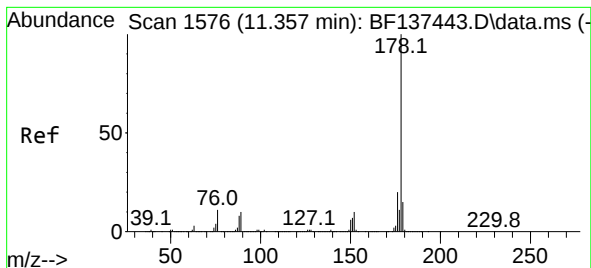
Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.2

264 62.8 50.9 76.3





#71

Phenanthrene

Concen: 44.819 ng

RT: 11.463 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:178 Resp: 185461

Ion Ratio Lower Upper

178 100

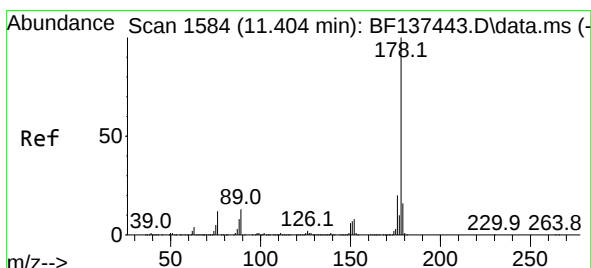
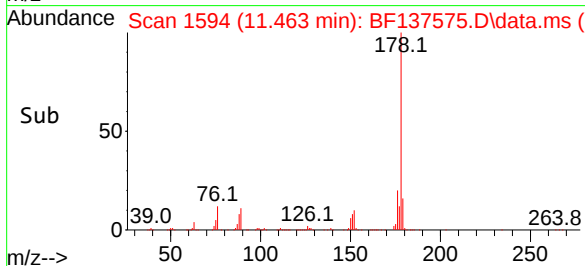
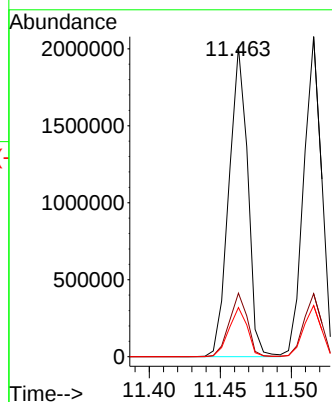
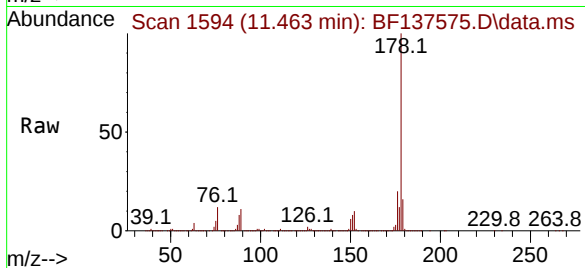
176 20.5 15.8 23.8

179 15.9 12.2 18.2

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



#72

Anthracene

Concen: 43.544 ng

RT: 11.516 min Scan# 1603

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

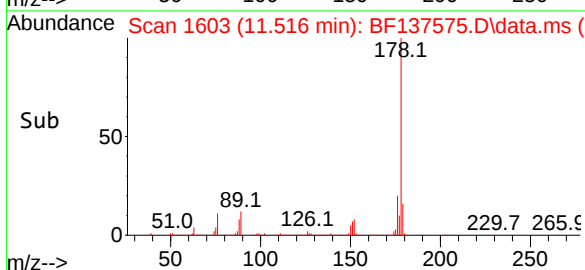
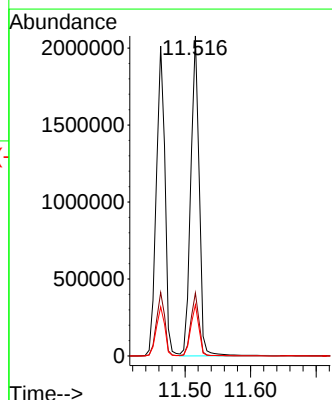
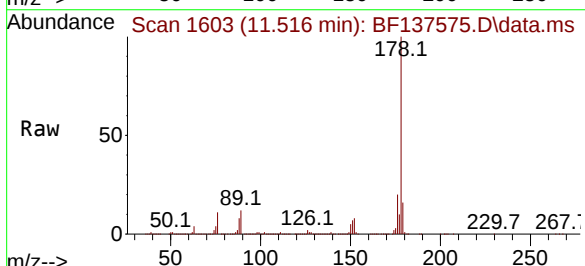
Tgt Ion:178 Resp: 1850607

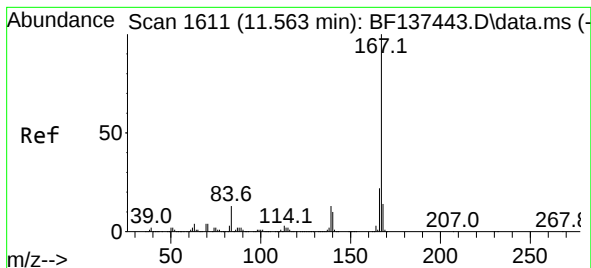
Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

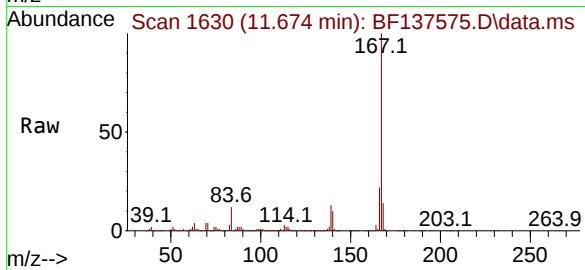
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 43.777 ng
 RT: 11.674 min Scan# 1630
 Delta R.T. 0.006 min
 Lab File: BF137575.D
 Acq: 13 Mar 2024 14:14

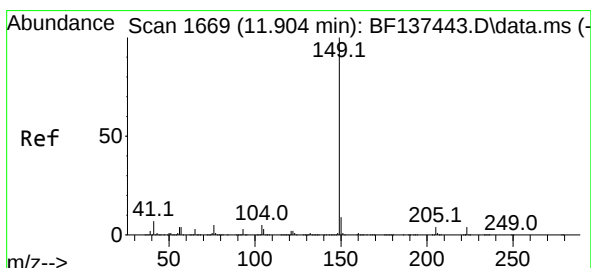
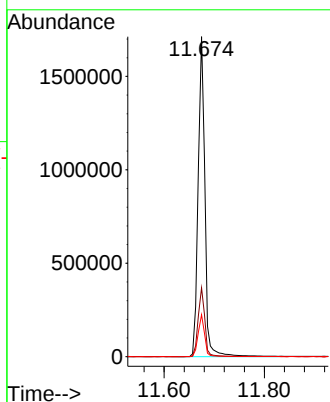
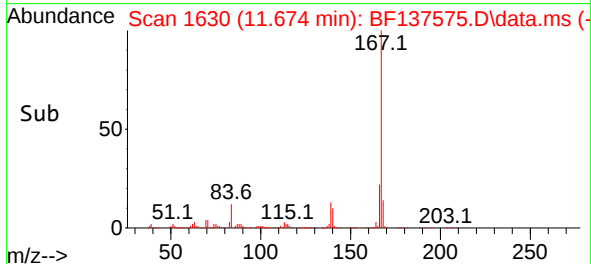
Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS



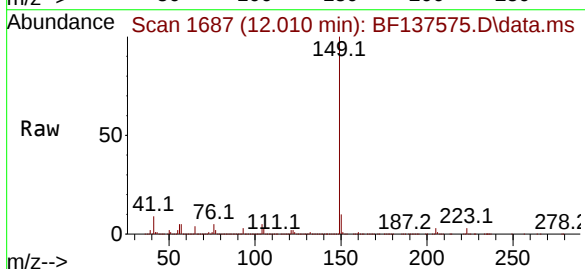
Tgt Ion:167 Resp: 1593640
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 13.1 10.5 15.7

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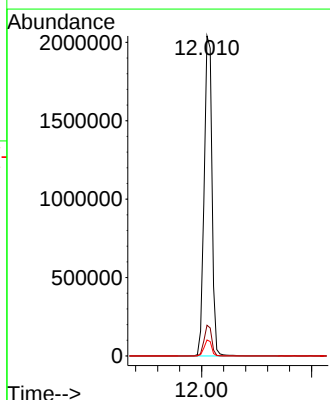
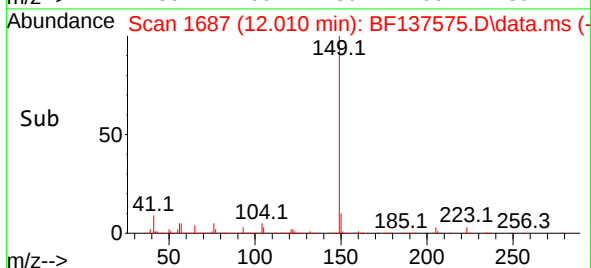
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

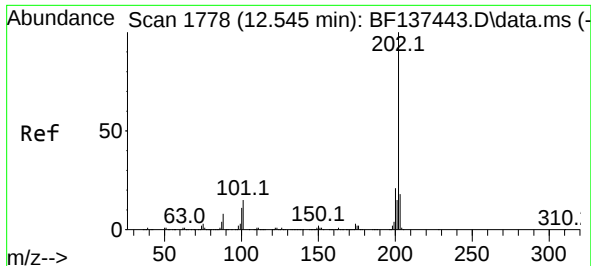


#74
 Di-n-butylphthalate
 Concen: 46.230 ng
 RT: 12.010 min Scan# 1687
 Delta R.T. 0.006 min
 Lab File: BF137575.D
 Acq: 13 Mar 2024 14:14



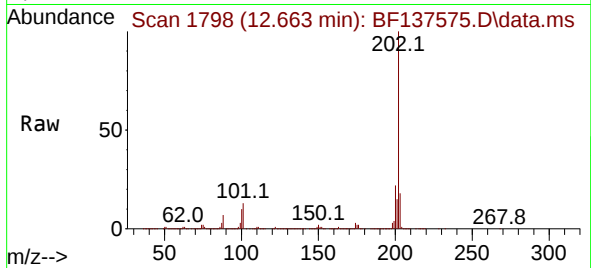
Tgt Ion:149 Resp: 2002298
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 45.671 ng
RT: 12.663 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

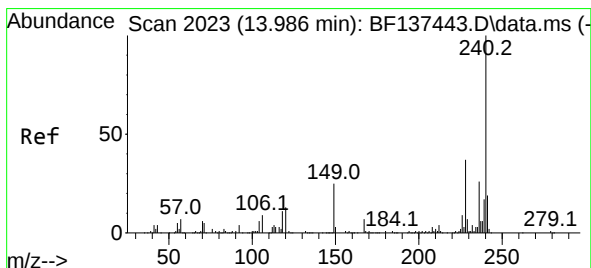
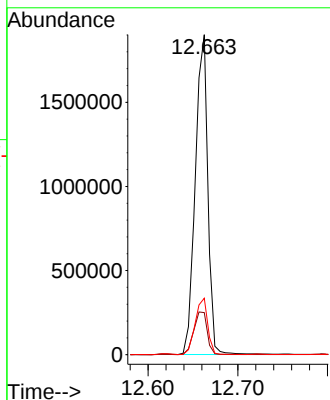
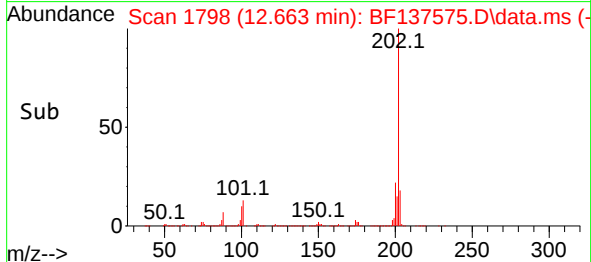
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:202 Resp: 1847268
Ion Ratio Lower Upper
202 100
101 13.1 0.0 35.0
203 17.6 0.0 37.7

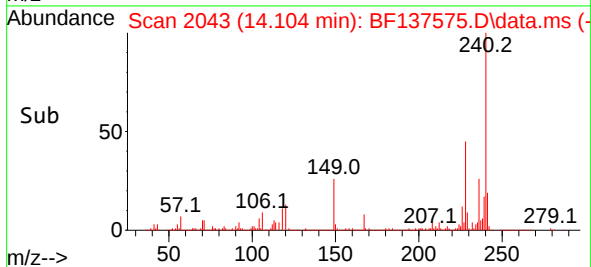
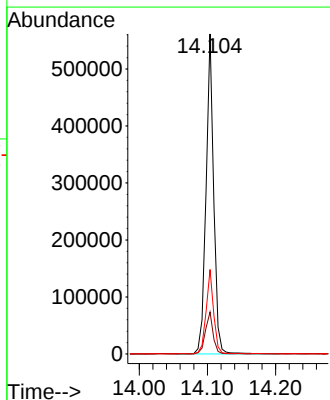
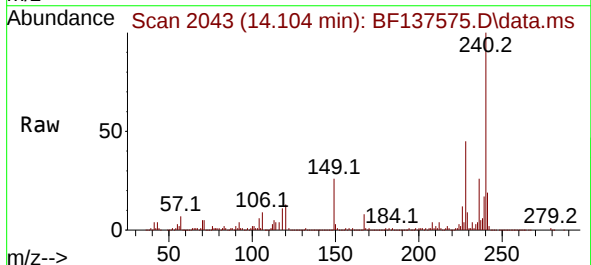
Manual Integrations
APPROVED

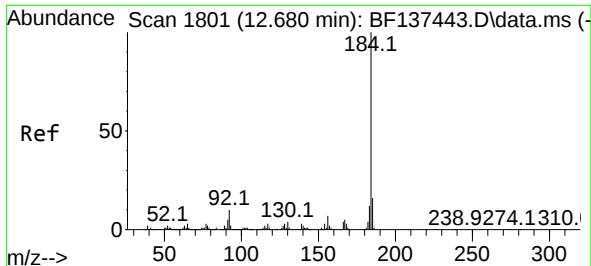
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

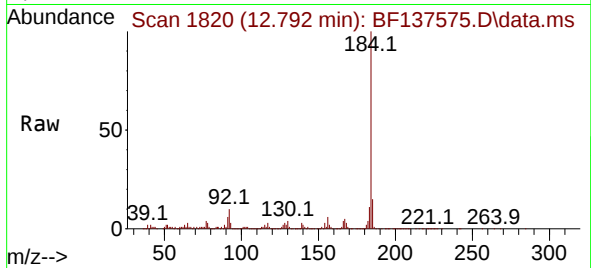
Tgt Ion:240 Resp: 439262
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 26.4 20.9 31.3





#77
Benzidine
Concen: 46.755 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

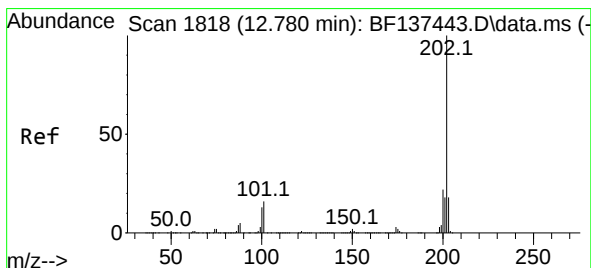
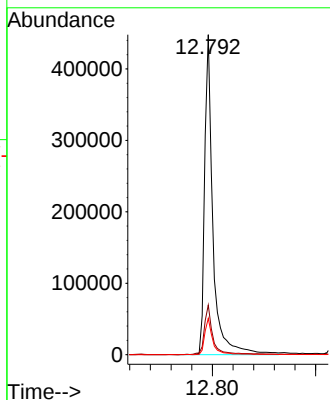
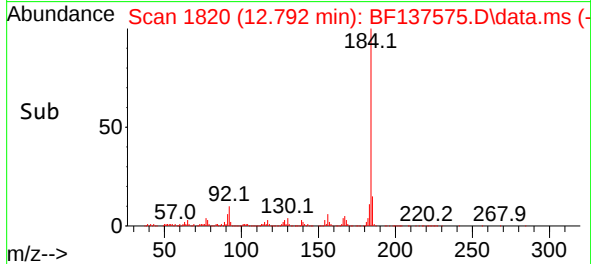
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:184 Resp: 502609
Ion Ratio Lower Upper
184 100
185 15.5 13.2 19.8
183 11.3 9.3 13.9

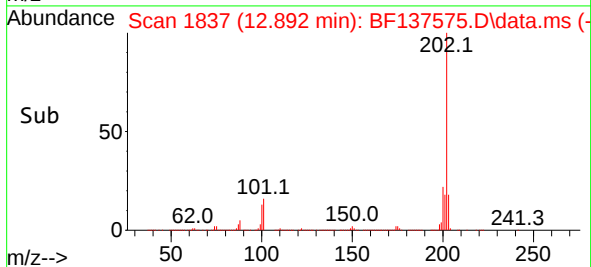
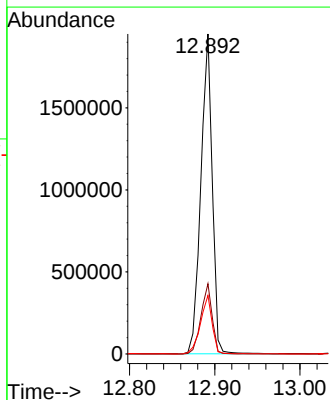
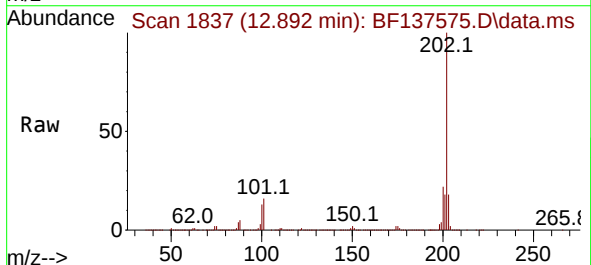
Manual Integrations
APPROVED

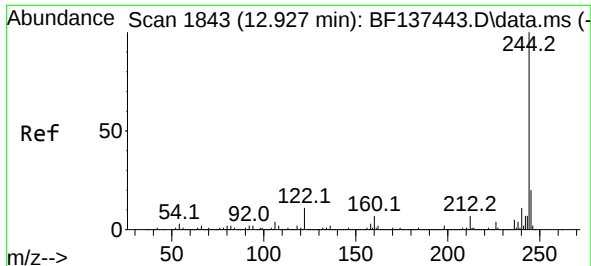
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#78
Pyrene
Concen: 41.968 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

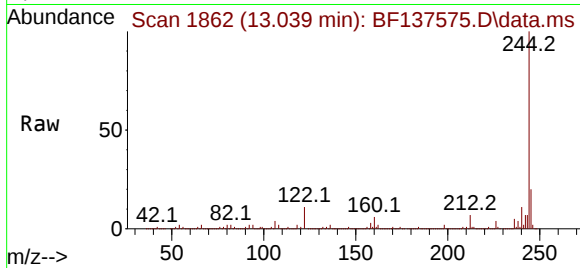
Tgt Ion:202 Resp: 1808883
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.3 14.1 21.1





#79
Terphenyl-d14
Concen: 54.003 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

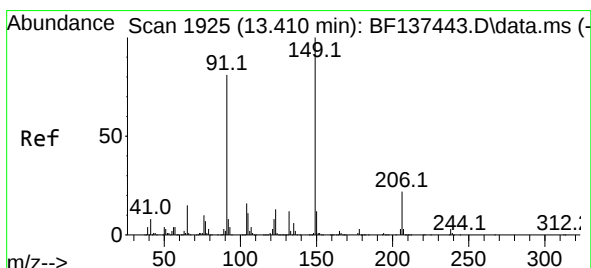
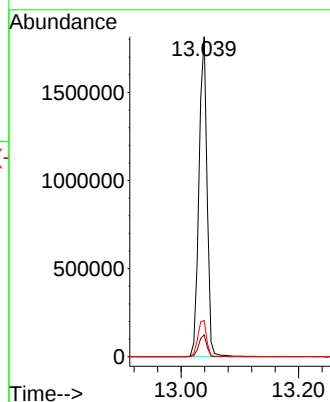
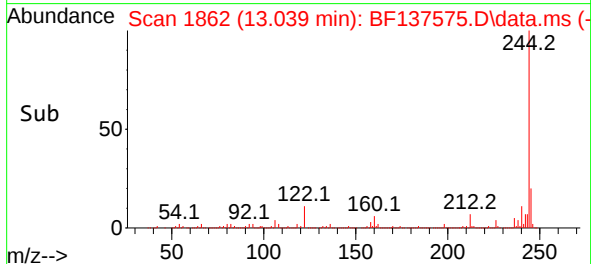
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



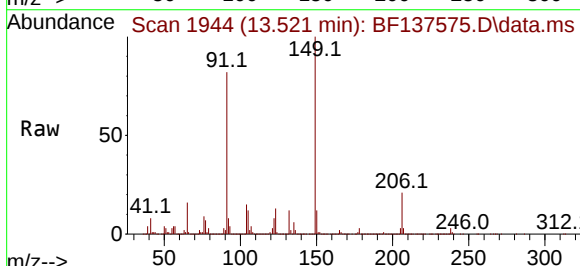
Tgt Ion:244 Resp: 1725062
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.3 9.1 13.7

Manual Integrations
APPROVED

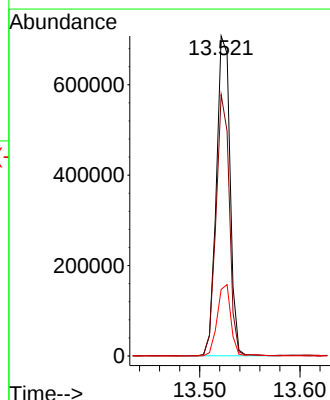
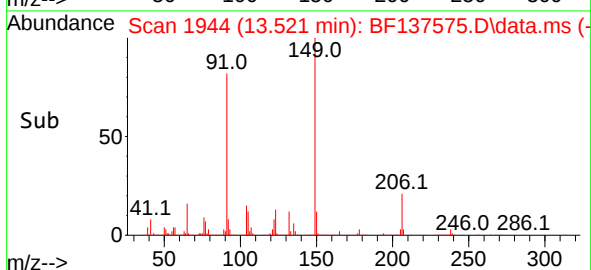
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

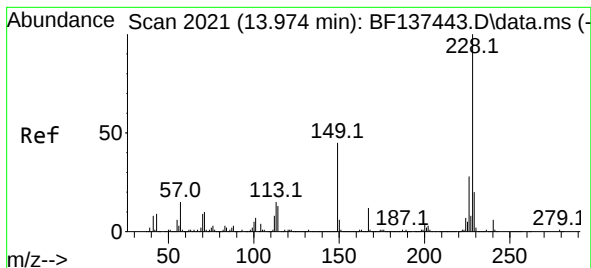


#80
Butylbenzylphthalate
Concen: 60.958 ng
RT: 13.521 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



Tgt Ion:149 Resp: 670998
Ion Ratio Lower Upper
149 100
91 81.6 64.7 97.1
206 20.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 47.036 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF137575.D

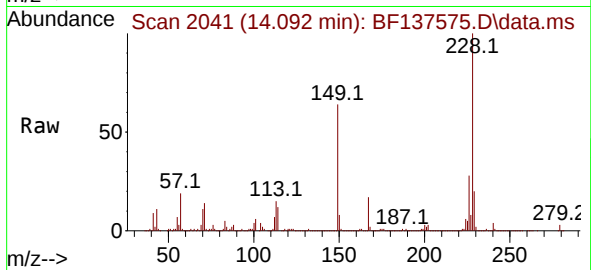
Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS



Tgt Ion:228 Resp: 1448120

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

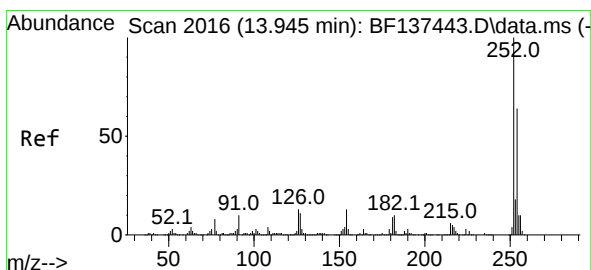
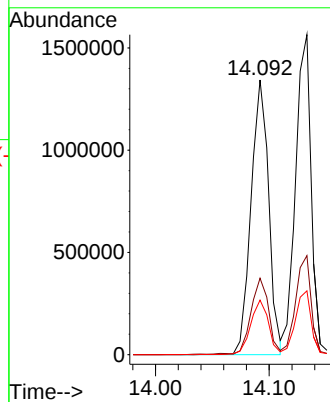
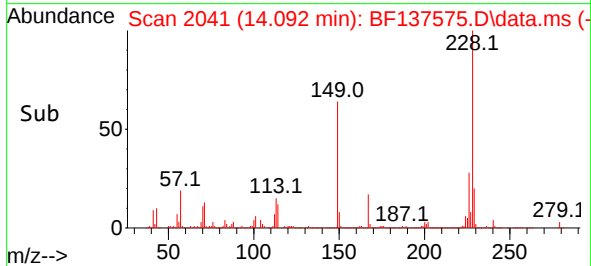
229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.055 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

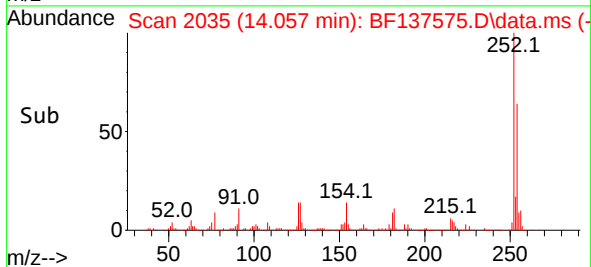
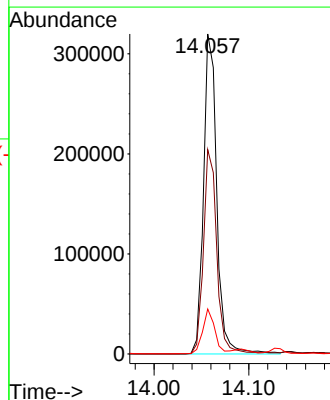
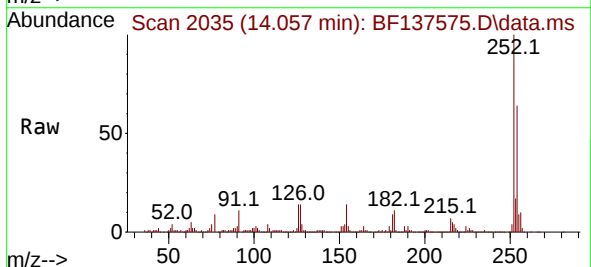
Tgt Ion:252 Resp: 312004

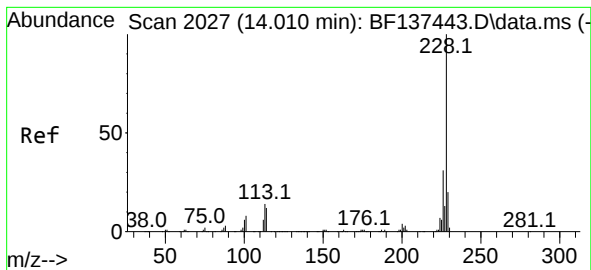
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

126 14.1 10.4 15.6





#83

Chrysene

Concen: 48.047 ng

RT: 14.133 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:228 Resp: 149505

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

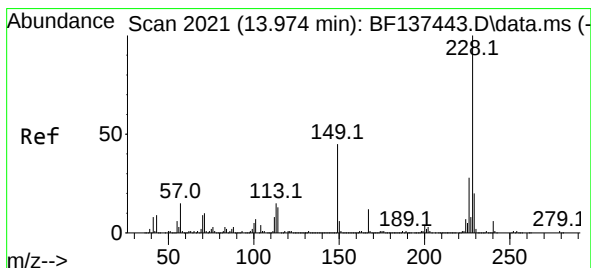
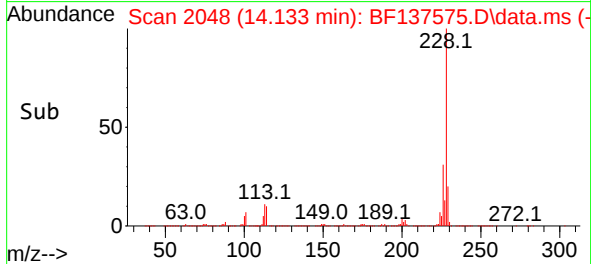
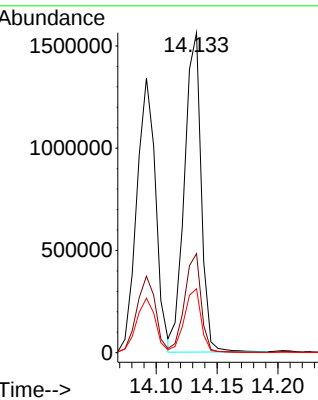
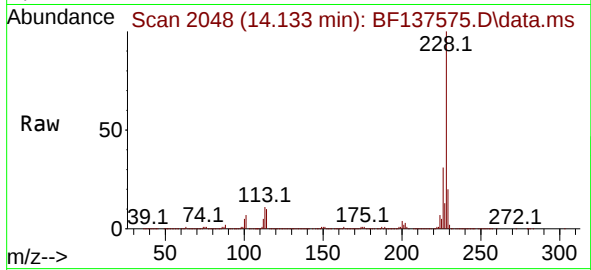
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.089 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

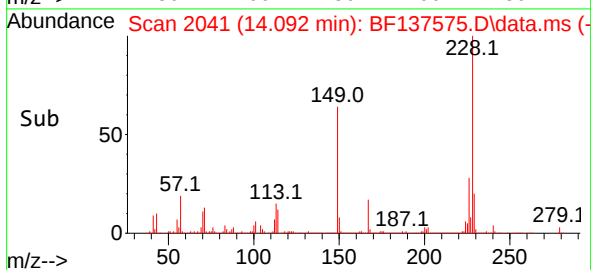
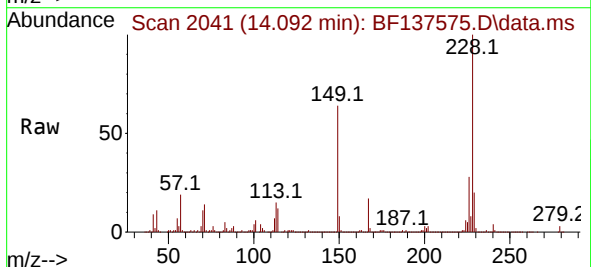
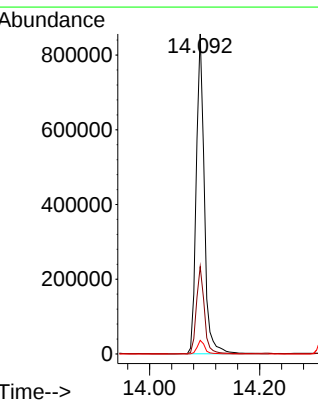
Tgt Ion:149 Resp: 868685

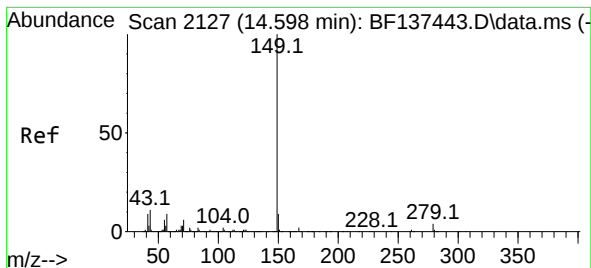
Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 4.3 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 62.063 ng

RT: 14.721 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137575.D

Acq: 13 Mar 2024 14:14

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:149 Resp: 1723634

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

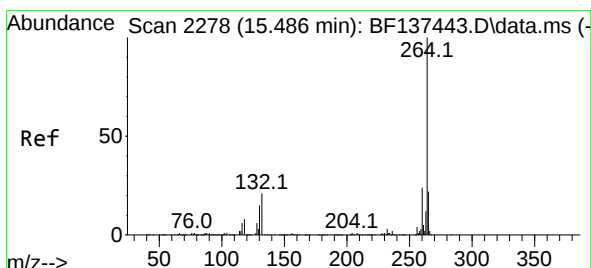
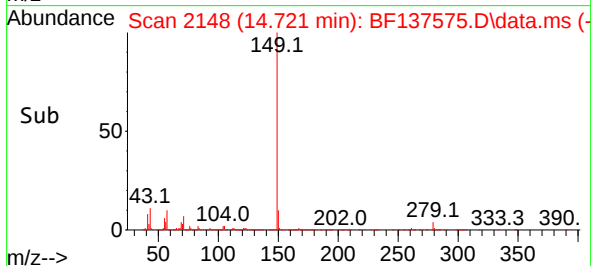
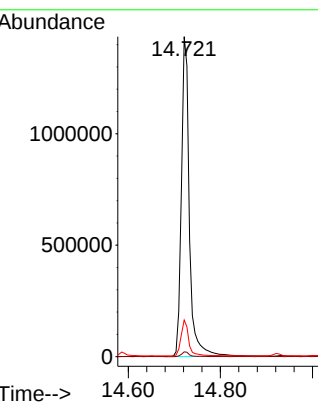
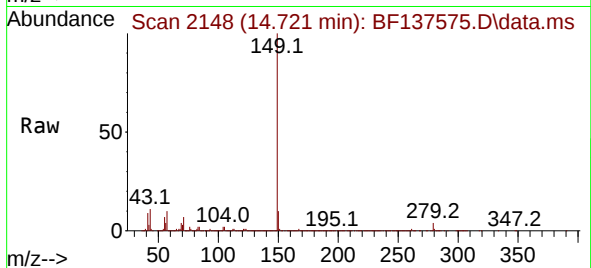
43 10.9 9.6 14.4

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: BF137575.D

Acq: 13 Mar 2024 14:14

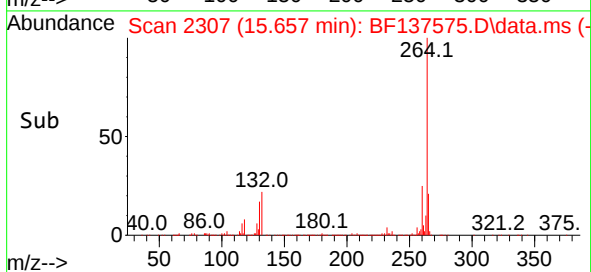
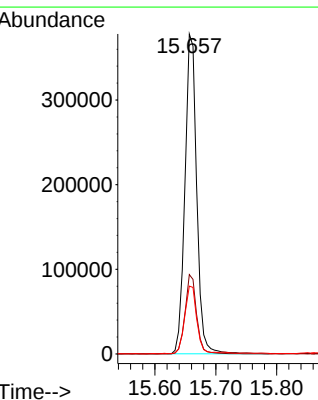
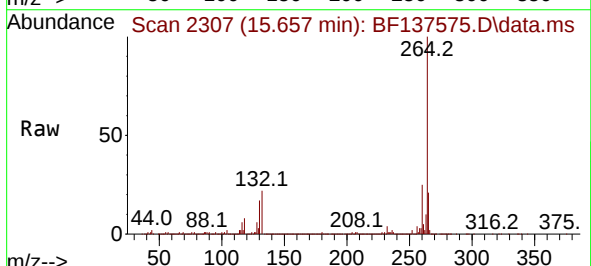
Tgt Ion:264 Resp: 507303

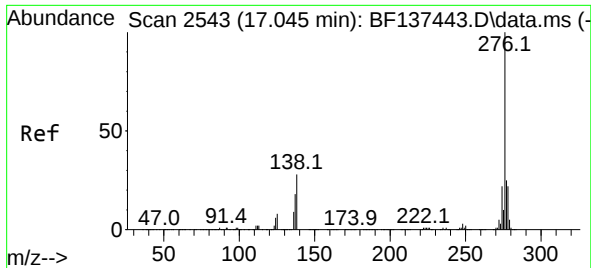
Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

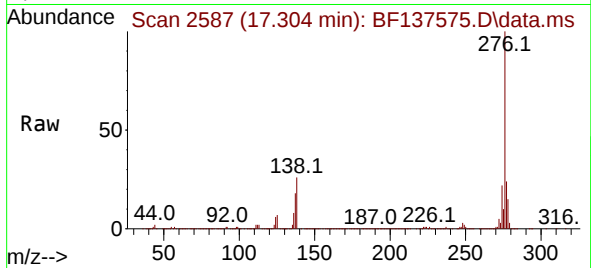
265 21.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.183 ng
RT: 17.304 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

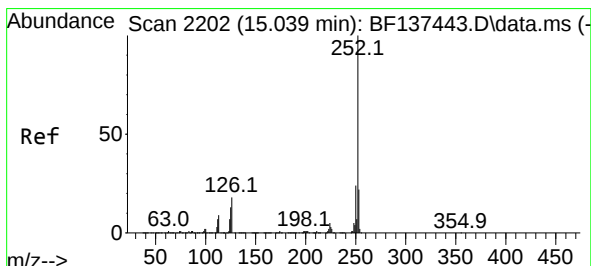
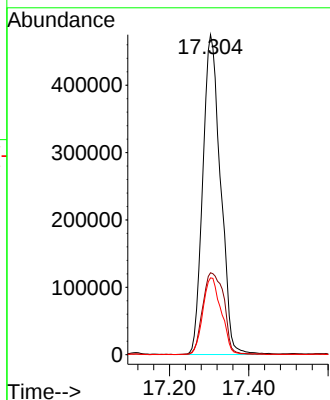
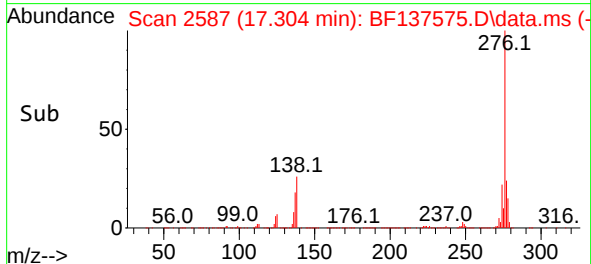
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:276 Resp: 1474992
Ion Ratio Lower Upper
276 100
138 30.5 25.8 38.8
277 25.0 20.2 30.2

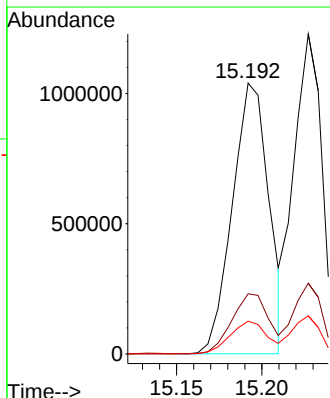
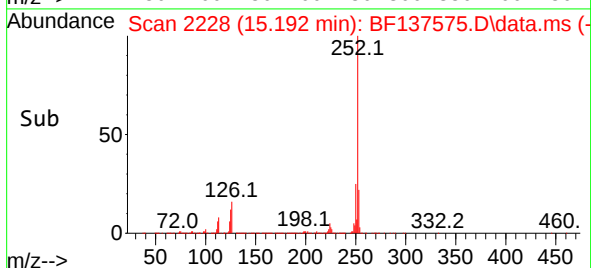
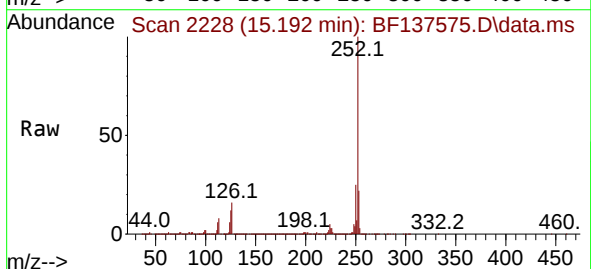
Manual Integrations
APPROVED

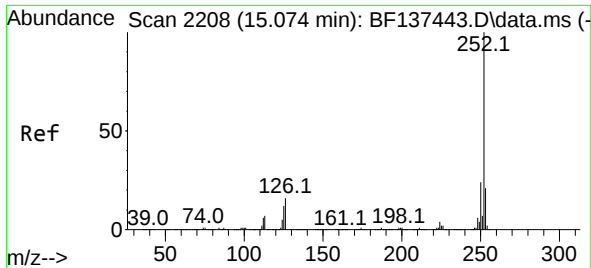
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#88
Benzo(b)fluoranthene
Concen: 51.551 ng
RT: 15.192 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

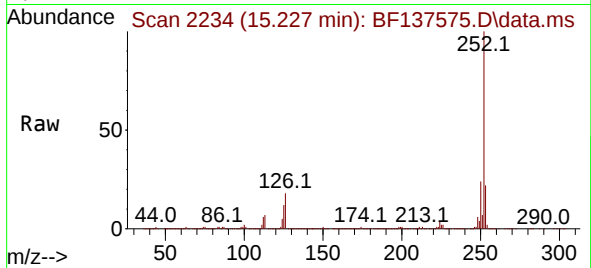
Tgt Ion:252 Resp: 1547002
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.1 10.1 15.1





#89
Benzo(k)fluoranthene
Concen: 44.136 ng
RT: 15.227 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

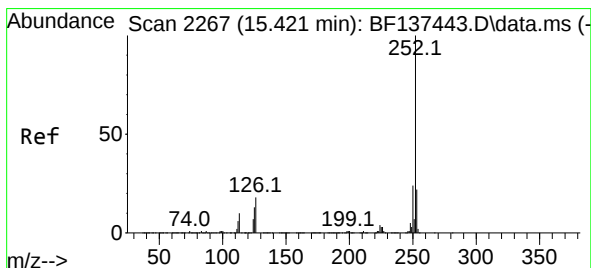
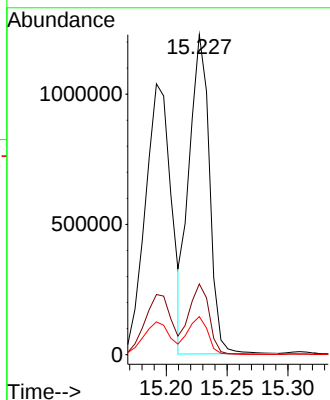
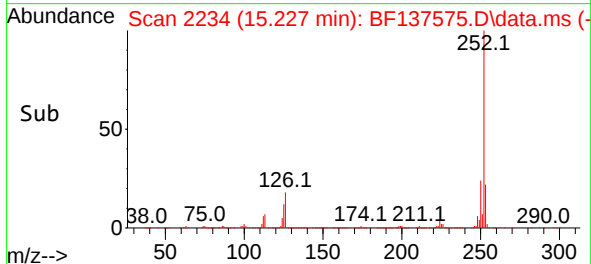
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:252 Resp: 1422620
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.9 9.6 14.4

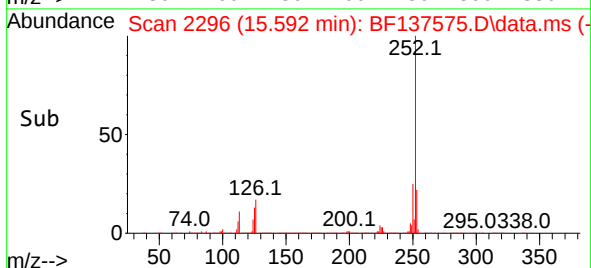
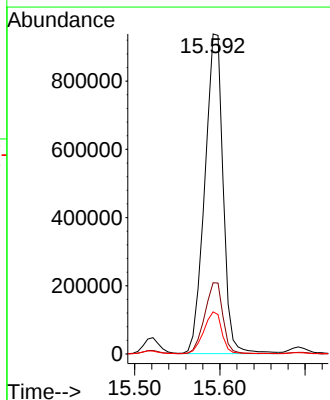
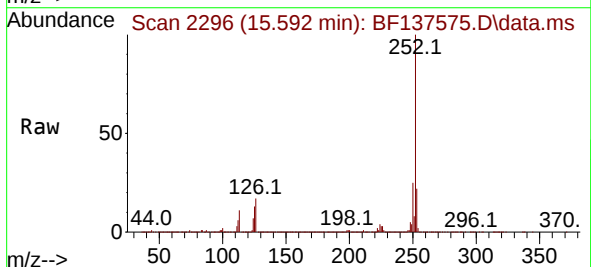
Manual Integrations
APPROVED

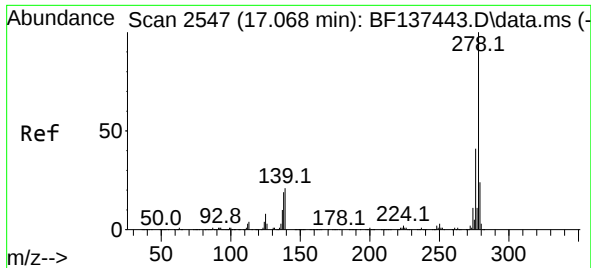
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#90
Benzo(a)pyrene
Concen: 47.386 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.006 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

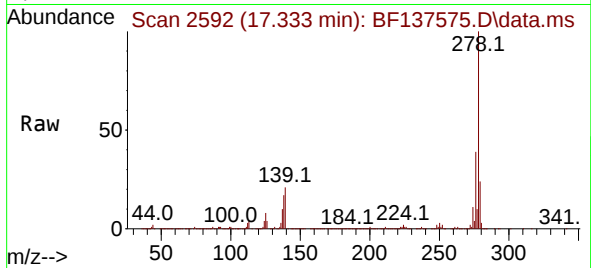
Tgt Ion:252 Resp: 1401316
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.2 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 43.227 ng
RT: 17.333 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14

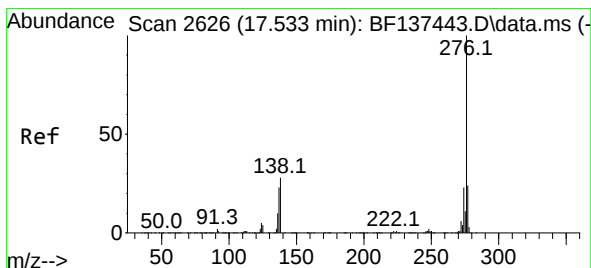
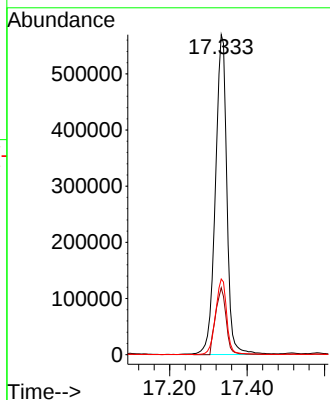
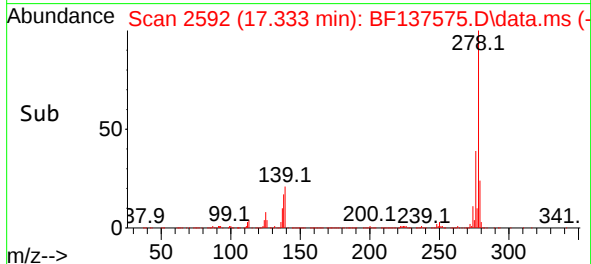
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



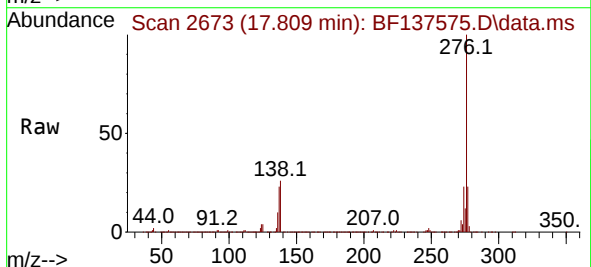
Tgt Ion:278 Resp: 1170650
Ion Ratio Lower Upper
278 100
139 20.9 17.0 25.6
279 23.6 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.757 ng
RT: 17.809 min Scan# 2673
Delta R.T. 0.018 min
Lab File: BF137575.D
Acq: 13 Mar 2024 14:14



Tgt Ion:276 Resp: 1105732
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 25.9 22.2 33.2

