

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138058.D
 Acq On : 29 May 2024 14:43
 Operator : CG\JU
 Sample : P2560-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 15:04:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	95059	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	330207	20.000	ng	# 0.00
39) Acenaphthene-d10	10.104	164	18847	20.000	ng	# 0.02
64) Phenanthrene-d10	11.622	188	1516	20.000	ng	# 0.04
76) Chrysene-d12	14.304	240	153629	20.000	ng	0.08
86) Perylene-d12	15.804	264	49654	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	610523	109.097	ng	-0.01
7) Phenol-d6	6.657	99	767886	111.391	ng	0.00
23) Nitrobenzene-d5	7.598	82	449314	80.078	ng	-0.01
42) 2,4,6-Tribromophenol	10.945	330	31900	167.865	ng	0.06
45) 2-Fluorobiphenyl	9.410	172	779273	636.909	ng	0.01
79) Terphenyl-d14	13.345	244	459911m	44.120	ng	0.18
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	65051	26.833	ng	99
3) Pyridine	3.628	79	180231m	33.133	ng	
4) n-Nitrosodimethylamine	3.587	42	85960m	35.821	ng	
6) Aniline	6.698	93	178451m	28.942	ng	
8) 2-Chlorophenol	6.822	128	266290	43.970	ng	98
9) Benzaldehyde	6.587	77	31336	8.402	ng	92
10) Phenol	6.669	94	301919	43.391	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	227634	42.608	ng	96
12) 1,3-Dichlorobenzene	6.981	146	282066	40.255	ng	99
13) 1,4-Dichlorobenzene	7.057	146	288300	40.990	ng	99
14) 1,2-Dichlorobenzene	7.210	146	271944	41.082	ng	97
15) Benzyl Alcohol	7.169	79	205015	44.537	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	281540	42.871	ng	97
17) 2-Methylphenol	7.275	107	209520	43.381	ng	98
18) Hexachloroethane	7.551	117	97353	40.904	ng	96
19) n-Nitroso-di-n-propyla...	7.440	70	170359	43.987	ng	98
20) 3+4-Methylphenols	7.428	107	272412	43.054	ng	97
22) Acetophenone	7.440	105	365560	49.419	ng	# 95
24) Nitrobenzene	7.616	77	250176	43.952	ng	96
25) Isophorone	7.851	82	465202	47.771	ng	# 97
26) 2-Nitrophenol	7.934	139	136880	47.858	ng	97
27) 2,4-Dimethylphenol	7.957	122	188597	51.217	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	271388	45.982	ng	96
29) 2,4-Dichlorophenol	8.175	162	201831	43.587	ng	96
30) 1,2,4-Trichlorobenzene	8.263	180	222006	42.941	ng	99
31) Naphthalene	8.345	128	722685	43.528	ng	99
32) Benzoic acid	8.075	122	148631	47.749	ng	# 82
33) 4-Chloroaniline	8.387	127	144037	26.464	ng	97
34) Hexachlorobutadiene	8.451	225	127555	38.979	ng	97
35) Caprolactam	8.757	113	93882m	69.981	ng	
36) 4-Chloro-3-methylphenol	8.892	107	243059	51.600	ng	# 74
37) 2-Methylnaphthalene	9.051	142	366380m	34.330	ng	
38) 1-Methylnaphthalene	9.134	142	426246	40.626	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	189403	369.653	ng	# 87
41) Hexachlorocyclopentadiene	9.210	237	101878m	523.281	ng	
43) 2,4,6-Trichlorophenol	9.375	196	203522m	605.809	ng	

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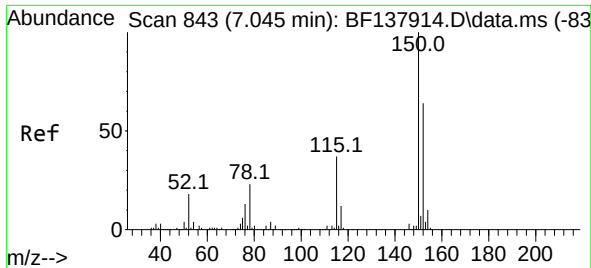
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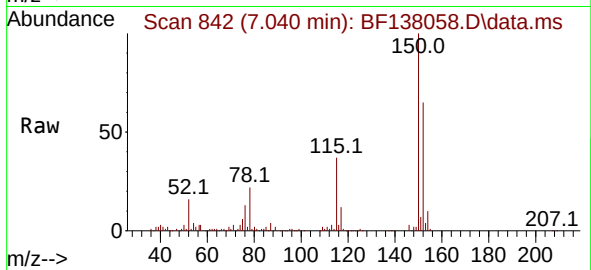
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	293031m	797.167	ng	
46) 1,1'-Biphenyl	9.516	154	443180	335.258	ng	85
47) 2-Chloronaphthalene	9.545	162	324244m	307.273	ng	
48) 2-Nitroaniline	9.663	65	103647	383.568	ng	# 76
49) Acenaphthylene	10.010	152	434204m	286.171	ng	
50) Dimethylphthalate	9.834	163	576505	487.796	ng	# 35
51) 2,6-Dinitrotoluene	9.898	165	77807	286.844	ng	# 48
52) Acenaphthene	10.181	154	205993m	205.410	ng	
53) 3-Nitroaniline	10.063	138	62323	235.023	ng	# 35
54) 2,4-Dinitrophenol	10.216	184	32909	211.980	ng	# 1
55) Dibenzofuran	10.375	168	327109m	224.128	ng	
56) 4-Nitrophenol	10.222	139	85740	450.175	ng	# 1
57) 2,4-Dinitrotoluene	10.304	165	8085	23.056	ng	# 50
58) Fluorene	10.716	166	144571	125.236	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.475	232	196693	681.134	ng	# 41
60) Diethylphthalate	10.575	149	215427	195.172	ng	# 34
61) 4-Chlorophenyl-phenyle...	10.669	204	27562	48.415	ng	# 1
62) 4-Nitroaniline	10.669	138	11723	46.610	ng	# 50
63) Azobenzene	10.816	77	17208	17.140	ng	# 48
65) 4,6-Dinitro-2-methylph...	10.692	198	4992	570.288	ng	# 1
66) n-Nitrosodiphenylamine	10.851	169	259597	5583.807	ng	# 72
67) 4-Bromophenyl-phenylether	11.086	248	1983	119.316	ng	# 1
68) Hexachlorobenzene	11.281	284	10136	551.734	ng	# 1
69) Atrazine	11.328	200	8929	703.339	ng	# 1
70) Pentachlorophenol	11.392	266	136480m	12682.588	ng	
71) Phenanthrene	11.769	178	130614m	1748.348	ng	
72) Anthracene	11.828	178	227512m	3069.382	ng	
73) Carbazole	11.975	167	159902m	2361.535	ng	
74) Di-n-butylphthalate	12.163	149	19738	262.667	ng	# 15
75) Fluoranthene	13.027	202	181017m	2387.169	ng	
78) Pyrene	13.245	202	236372m	17.591	ng	
80) Butylbenzylphthalate	13.727	149	305518	75.381	ng	93
81) Benzo(a)anthracene	14.292	228	450282	46.327	ng	99
82) 3,3'-Dichlorobenzidine	14.233	252	151163	56.120	ng	# 98
83) Chrysene	14.327	228	409778	44.083	ng	99
84) Bis(2-ethylhexyl)phtha...	14.222	149	256279	50.302	ng	# 98
85) Di-n-octyl phthalate	14.816	149	249655	36.272	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	168616	52.856	ng	99
88) Benzo(b)fluoranthene	15.339	252	180902	62.923	ng	99
89) Benzo(k)fluoranthene	15.368	252	176868	62.621	ng	99
90) Benzo(a)pyrene	15.733	252	128228	52.232	ng	# 98
91) Dibenzo(a,h)anthracene	17.445	278	143313	54.373	ng	99
92) Benzo(g,h,i)perylene	17.927	276	151062	54.558	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

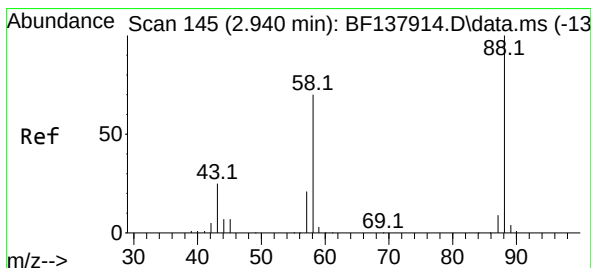
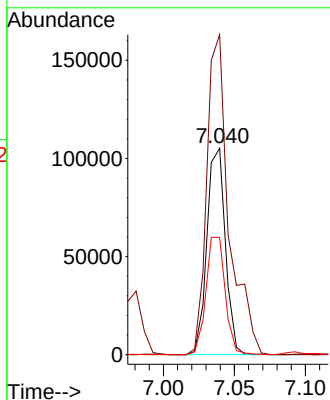
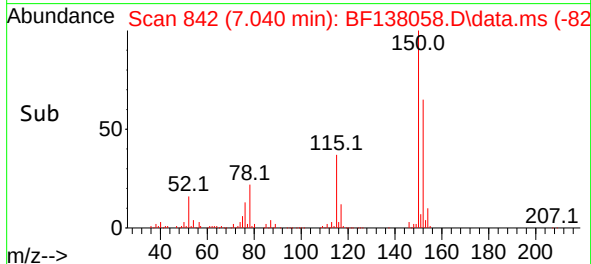
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:152 Resp: 95059
Ion Ratio Lower Upper
152 100
150 155.0 125.7 188.5
115 56.8 47.0 70.6

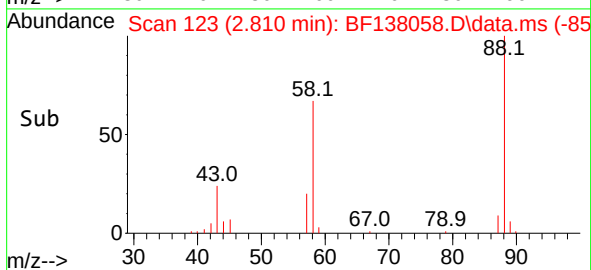
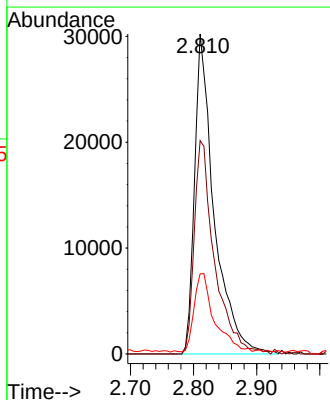
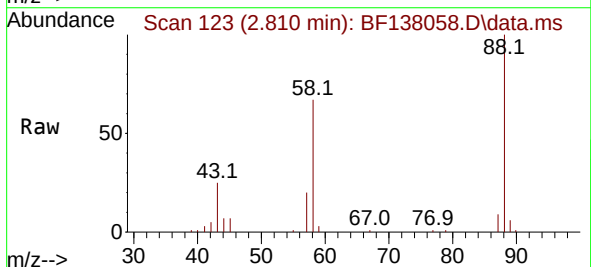
Manual Integrations
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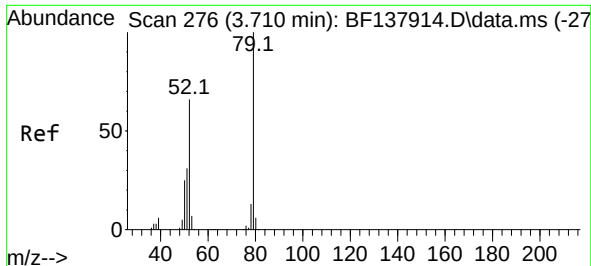
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#2
1,4-Dioxane
Concen: 26.833 ng
RT: 2.810 min Scan# 123
Delta R.T. -0.129 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

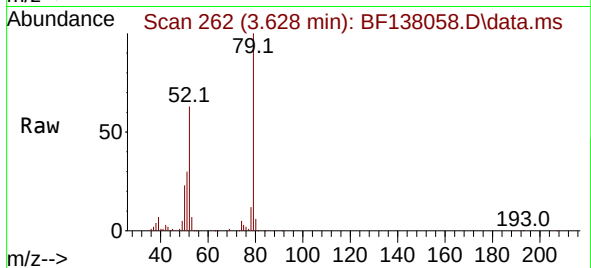
Tgt Ion: 88 Resp: 65051
Ion Ratio Lower Upper
88 100
58 69.0 54.4 81.6
43 25.2 19.6 29.4





#3
Pyridine
Concen: 33.133 ng m
RT: 3.628 min Scan# 20
Delta R.T. -0.082 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

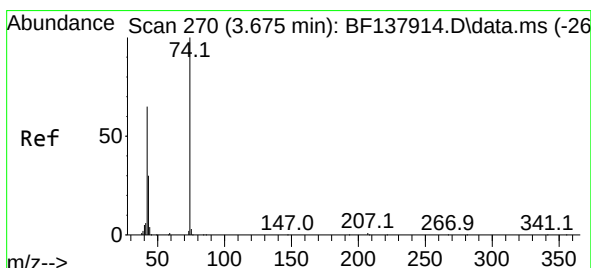
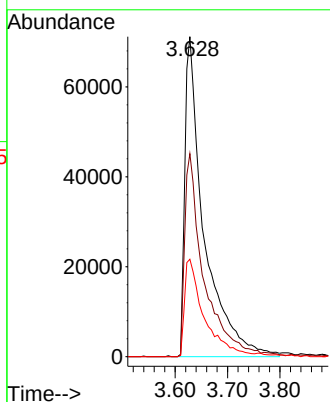
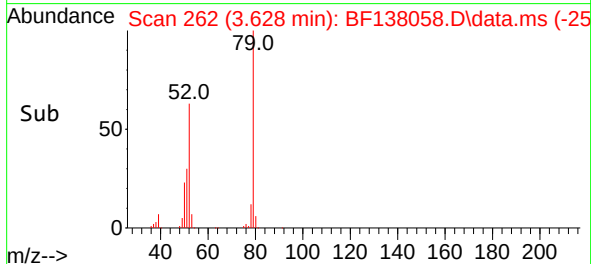
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion: 79 Resp: 18023
Ion Ratio Lower Upper
79 100
52 63.4 52.5 78.7
51 30.4 25.1 37.7

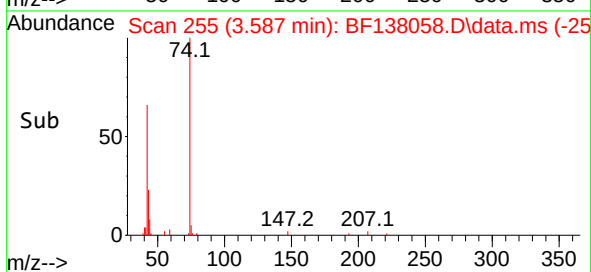
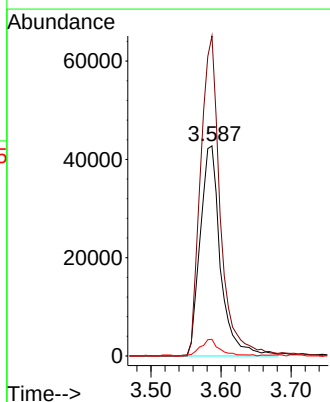
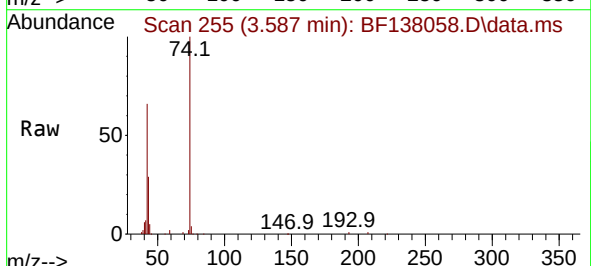
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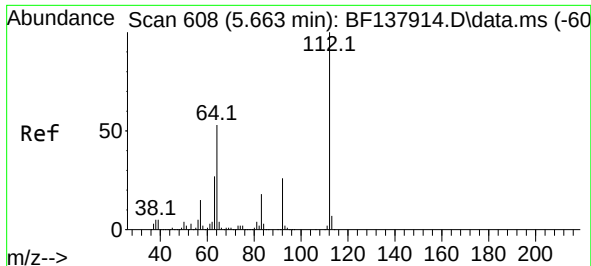
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#4
n-Nitrosodimethylamine
Concen: 35.821 ng m
RT: 3.587 min Scan# 255
Delta R.T. -0.088 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 42 Resp: 85960
Ion Ratio Lower Upper
42 100
74 152.3 123.1 184.7
44 7.9 5.0 7.6





#5
2-Fluorophenol
Concen: 109.097 ng
RT: 5.651 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

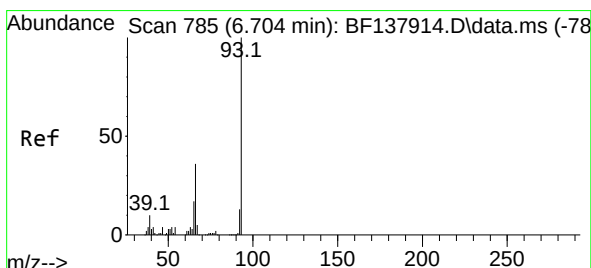
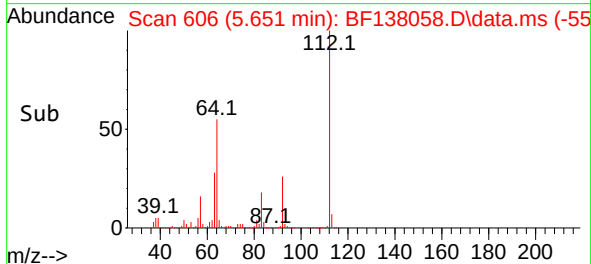
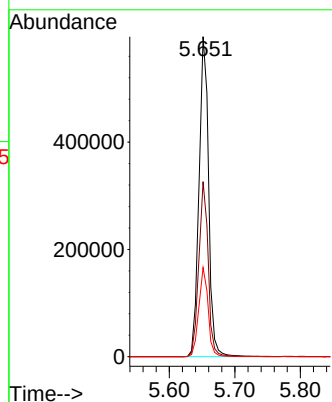
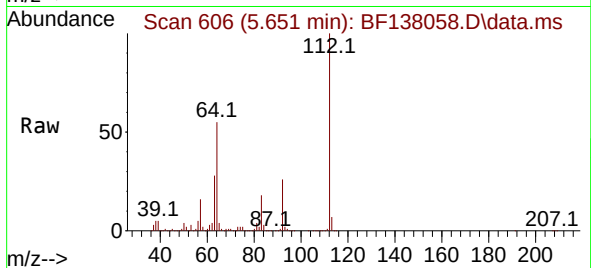
EXPE2MS

Tgt Ion:112 Resp: 61052
Ion Ratio Lower Upper
112 100
64 54.7 42.4 63.6
63 27.9 21.4 32.2

Manual Integrations

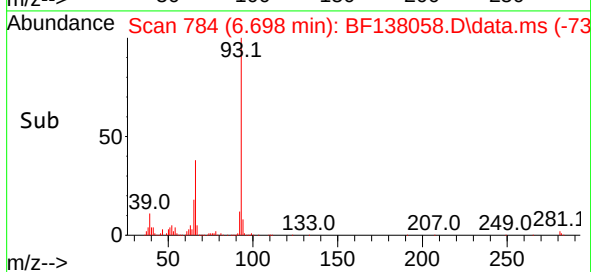
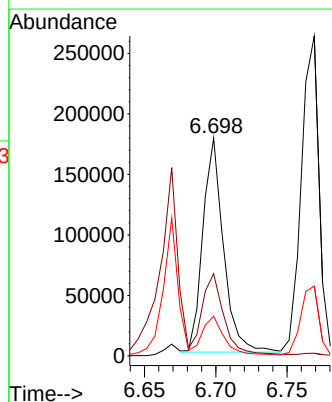
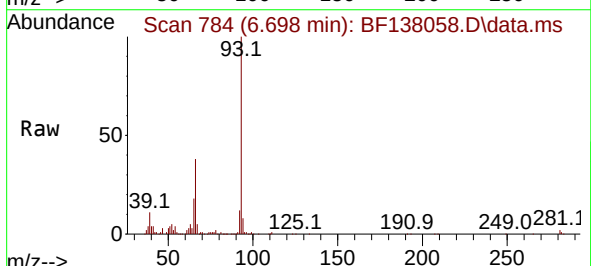
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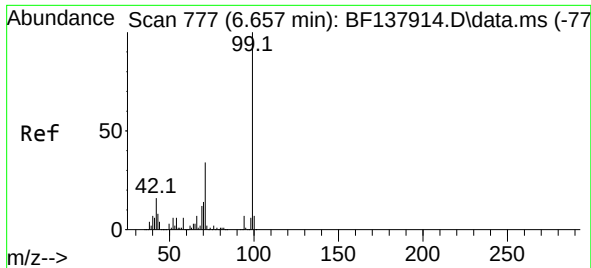
Reviewed By :Jagrut Upadhyay 05/30/2024
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#6
Aniline
Concen: 28.942 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138058.D
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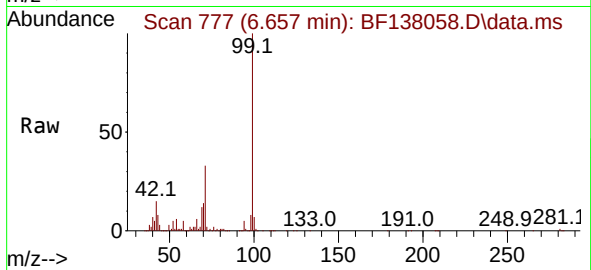
Tgt Ion: 93 Resp: 178451
Ion Ratio Lower Upper
93 100
66 37.8 30.7 46.1
65 18.2 15.0 22.4





#7
Phenol-d6
Concen: 111.391 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

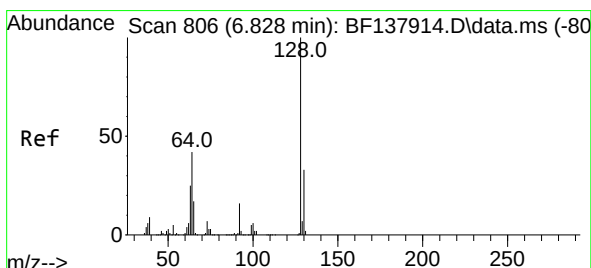
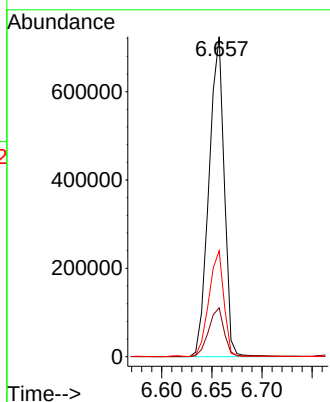
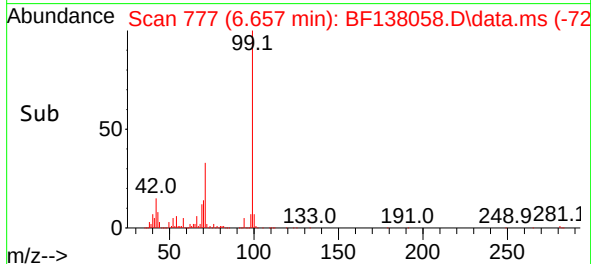
Instrument :
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Tgt Ion: 99 Resp: 767880
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 33.1 27.1 40.7

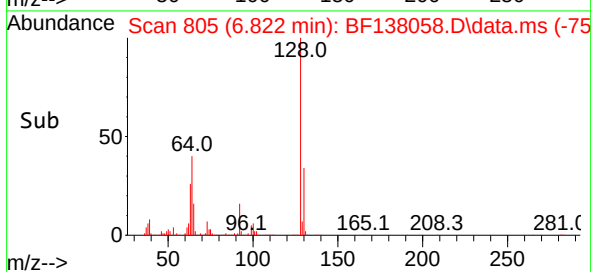
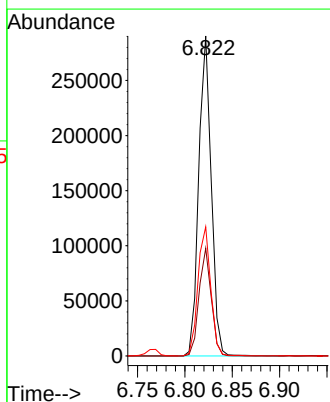
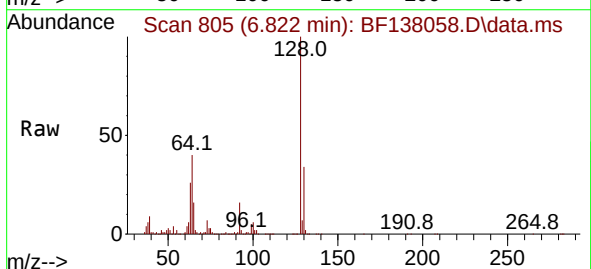
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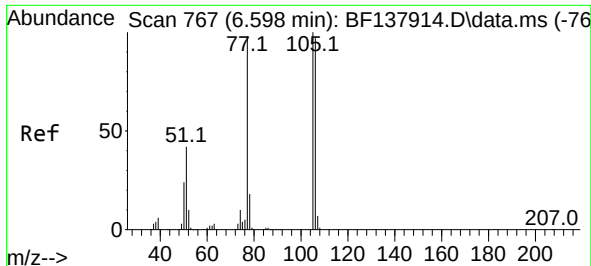
Reviewed By :Jagrut Upadhyay 05/30/2024
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#8
2-Chlorophenol
Concen: 43.970 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:128 Resp: 266290
Ion Ratio Lower Upper
128 100
130 33.7 12.8 52.8
64 40.4 22.2 62.2





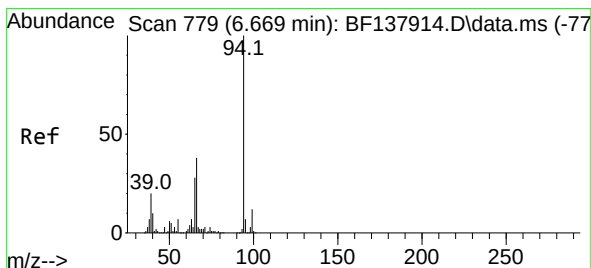
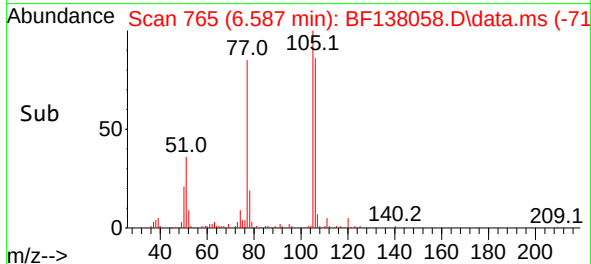
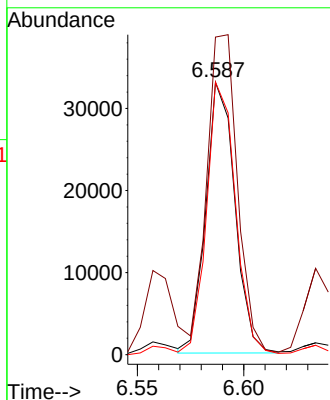
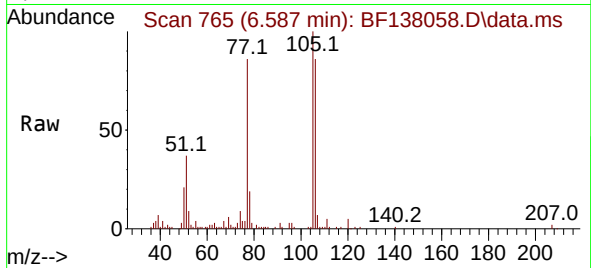
#9
Benzaldehyde
Concen: 8.402 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :
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ClientSampleId :
EXPE2MS

Tgt Ion: 77 Resp: 31336
Ion Ratio Lower Upper
77 100
105 116.6 82.3 122.3
106 100.1 79.2 119.2

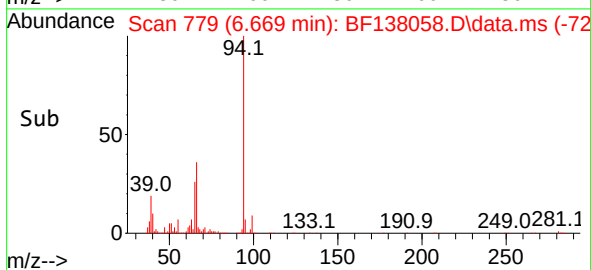
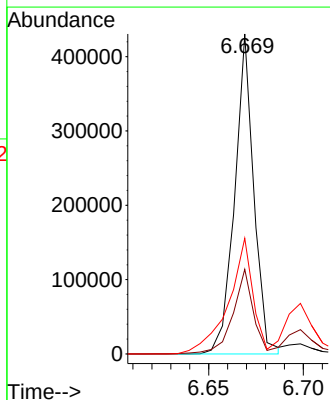
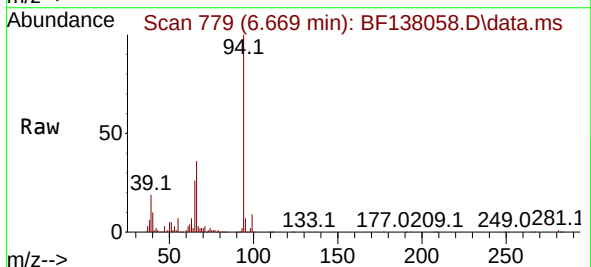
Manual Integrations
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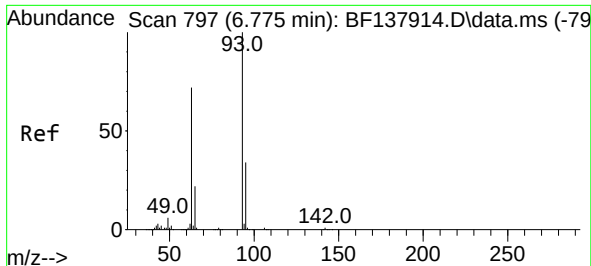
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#10
Phenol
Concen: 43.391 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

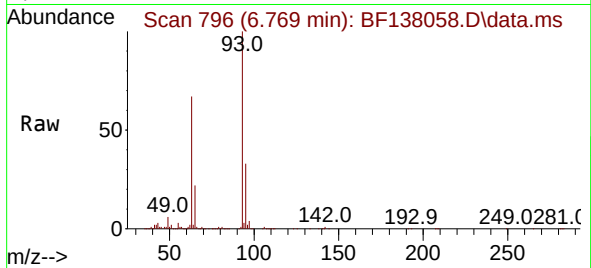
Tgt Ion: 94 Resp: 301919
Ion Ratio Lower Upper
94 100
65 26.5 7.8 47.8
66 36.2 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 42.608 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

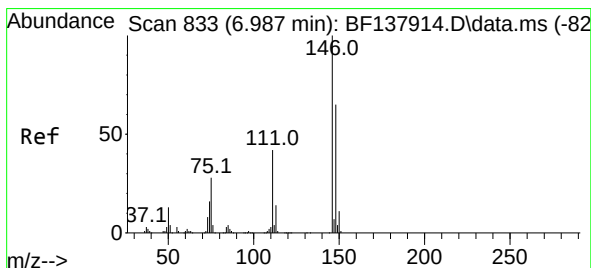
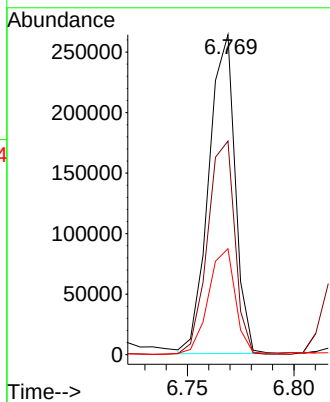
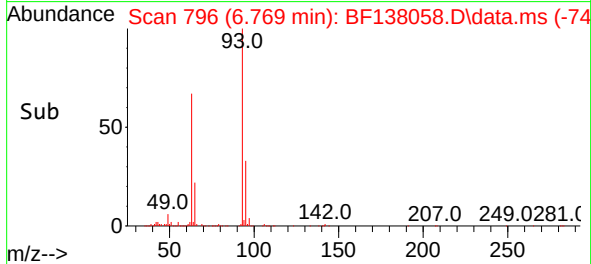
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion: 93 Resp: 227634
Ion Ratio Lower Upper
93 100
63 66.7 51.4 91.4
95 33.1 13.5 53.5

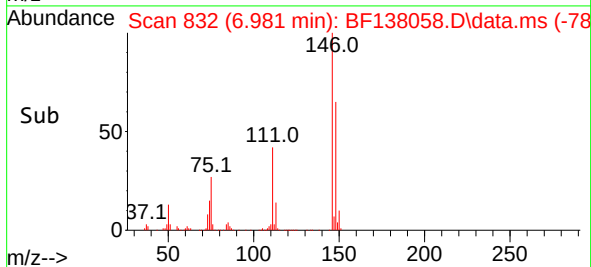
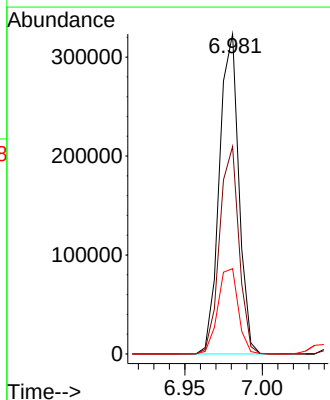
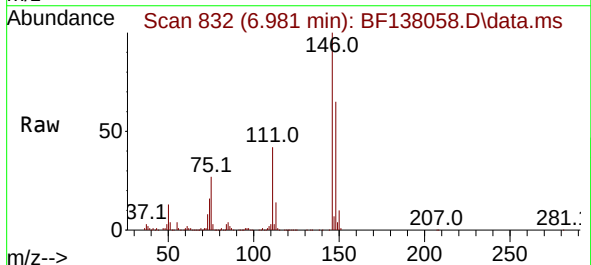
Manual Integrations
APPROVED

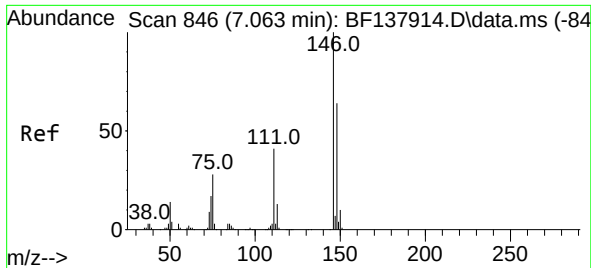
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#12
1,3-Dichlorobenzene
Concen: 40.255 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

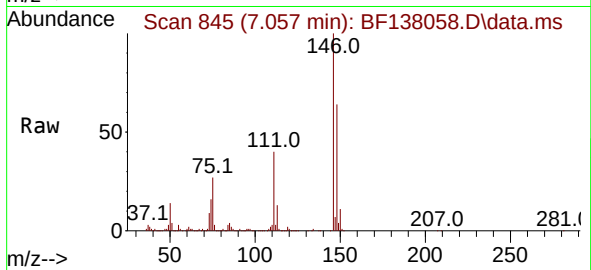
Tgt Ion:146 Resp: 282066
Ion Ratio Lower Upper
146 100
148 64.9 51.7 77.5
75 26.6 22.4 33.6





#13
1,4-Dichlorobenzene
Concen: 40.990 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

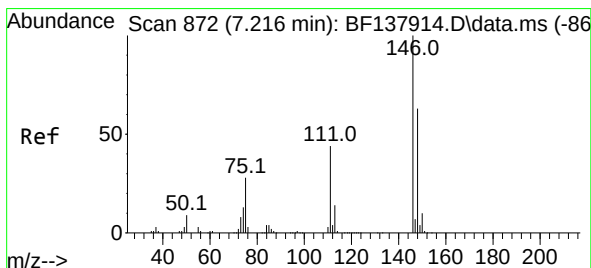
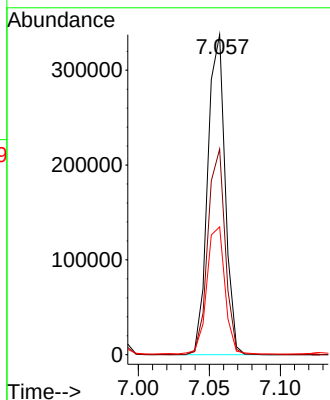
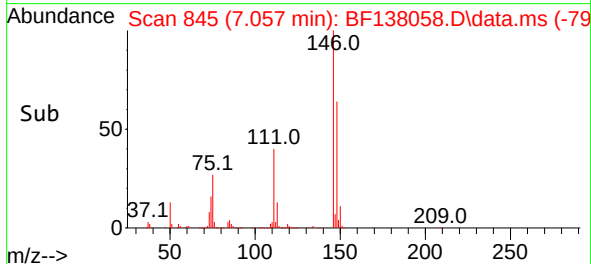
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



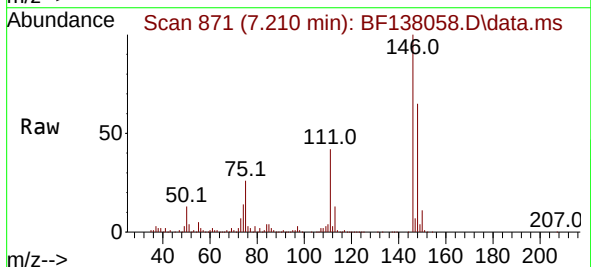
Tgt Ion:146 Resp: 288300
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 40.0 32.5 48.7

Manual Integrations
APPROVED

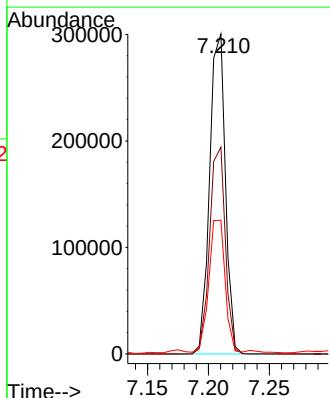
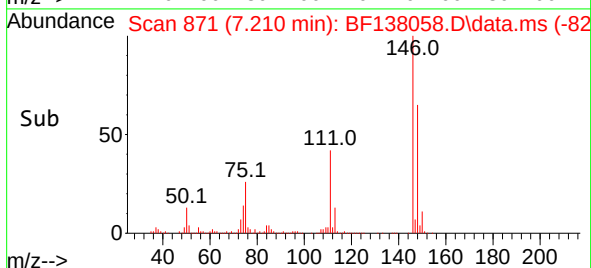
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

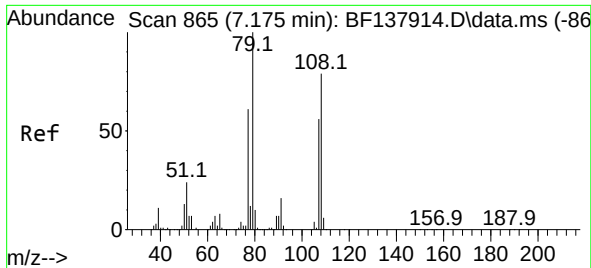


#14
1,2-Dichlorobenzene
Concen: 41.082 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43



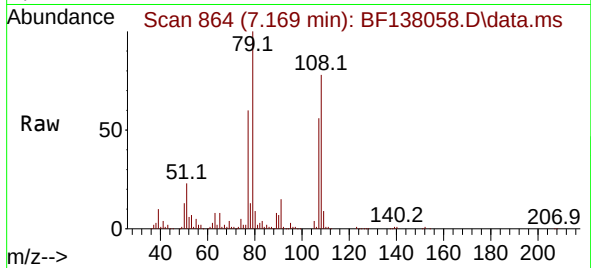
Tgt Ion:146 Resp: 271944
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
111 41.8 35.1 52.7





#15
Benzyl Alcohol
Concen: 44.537 ng
RT: 7.169 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

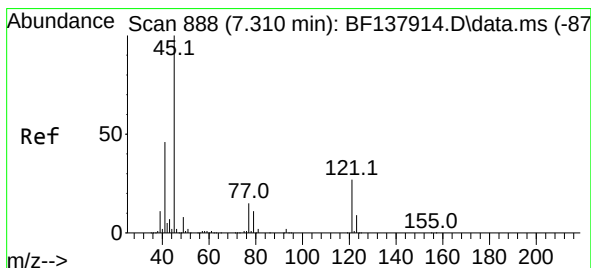
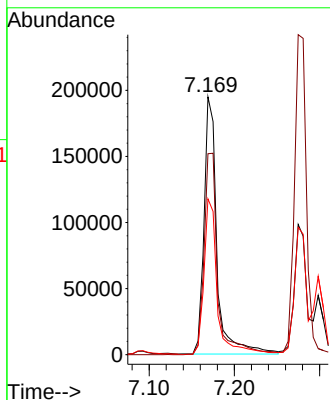
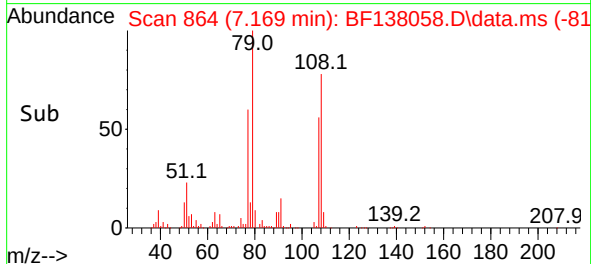
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion: 79 Resp: 205015
Ion Ratio Lower Upper
79 100
108 77.9 62.8 94.2
77 60.5 48.7 73.1

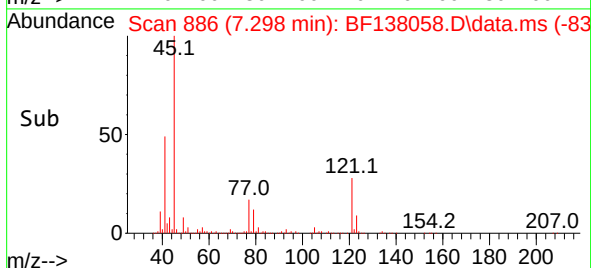
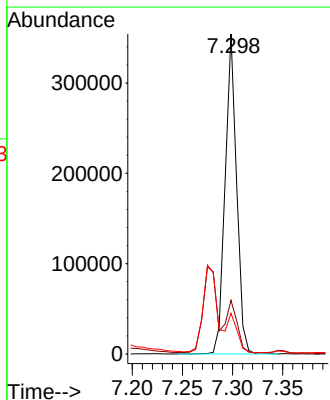
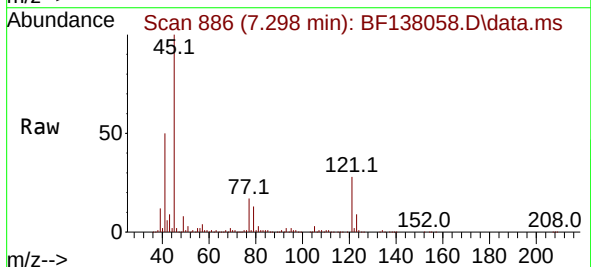
Manual Integrations
APPROVED

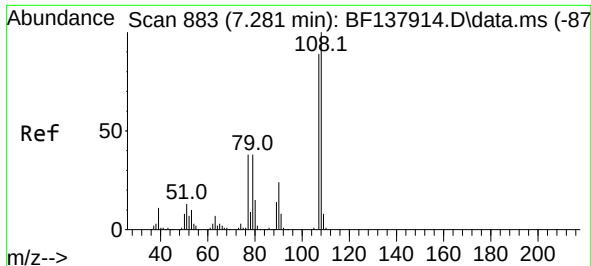
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.871 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 45 Resp: 281540
Ion Ratio Lower Upper
45 100
77 16.7 0.0 35.3
79 12.7 0.0 32.1





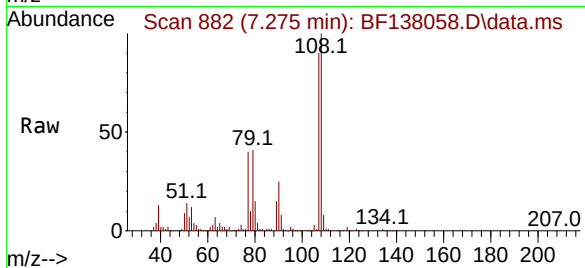
#17
2-Methylphenol
Concen: 43.381 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

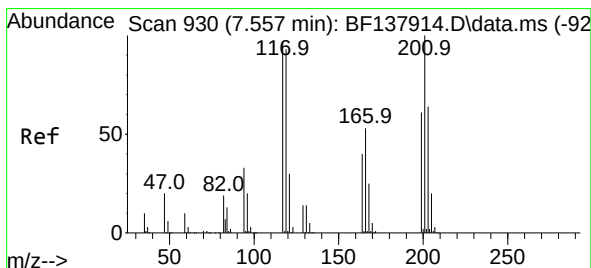
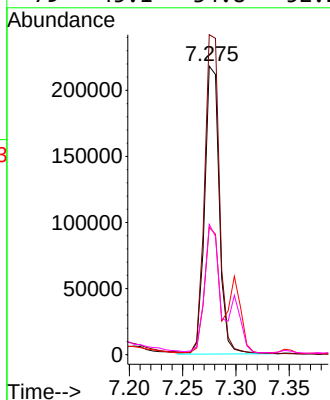
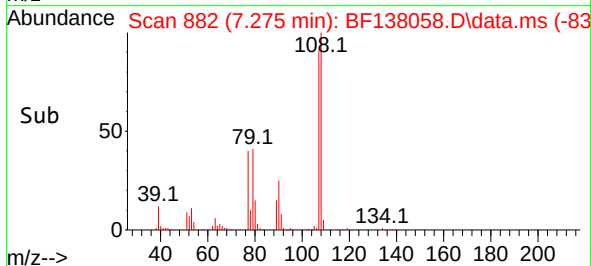


Tgt Ion:107 Resp: 209520
Ion Ratio Lower Upper
107 100
108 110.8 90.1 135.1
77 44.1 34.3 51.5
79 45.1 34.8 52.2

Manual Integrations

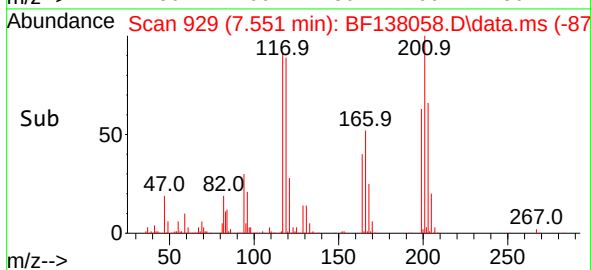
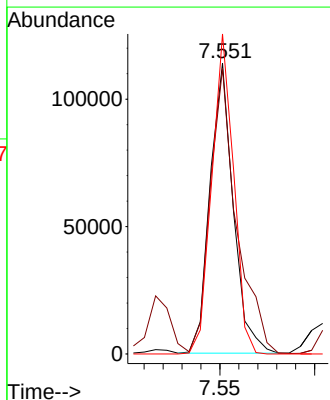
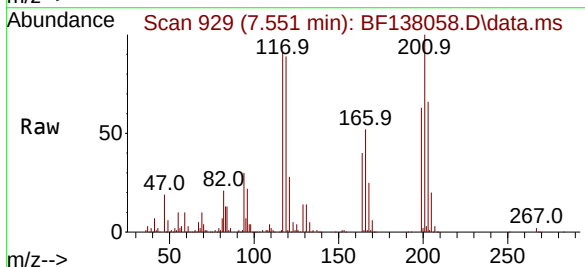
APPROVED

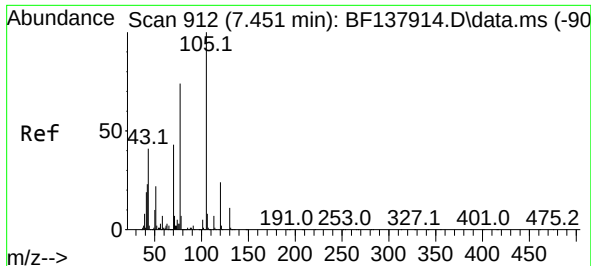
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#18
Hexachloroethane
Concen: 40.904 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

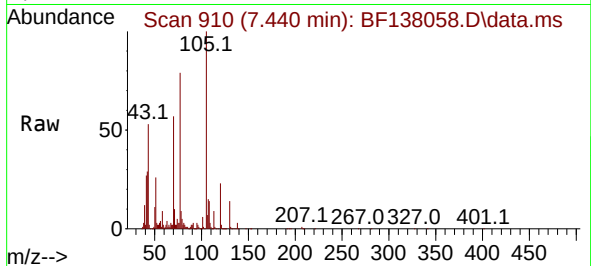
Tgt Ion:117 Resp: 97353
Ion Ratio Lower Upper
117 100
119 98.2 76.8 115.2
201 110.0 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.987 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

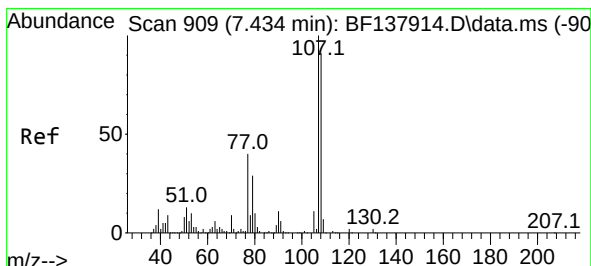
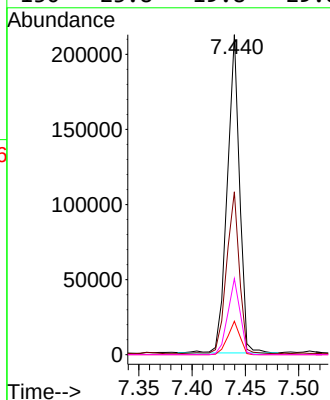
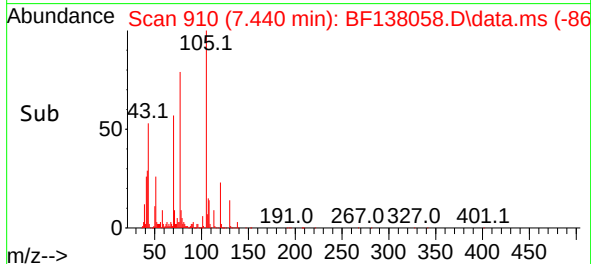
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion: 70 Resp: 170359
Ion Ratio Lower Upper
70 100
42 50.9 42.2 63.4
101 10.5 8.8 13.2
130 23.8 19.8 29.8

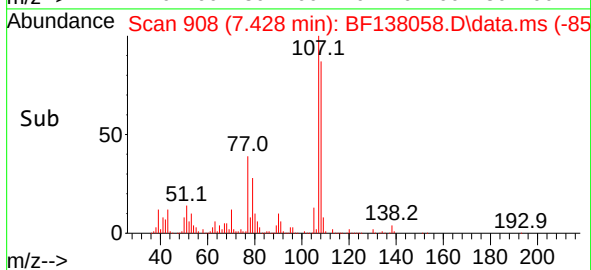
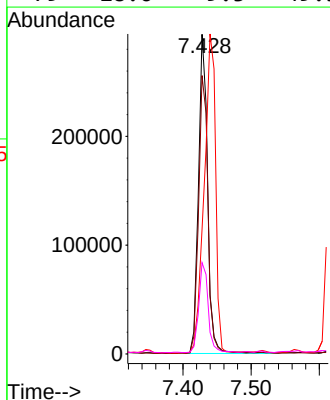
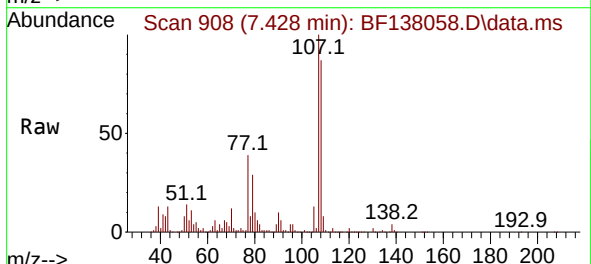
Manual Integrations
APPROVED

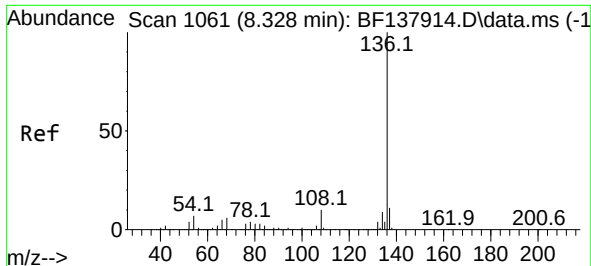
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#20
3+4-Methylphenols
Concen: 43.054 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

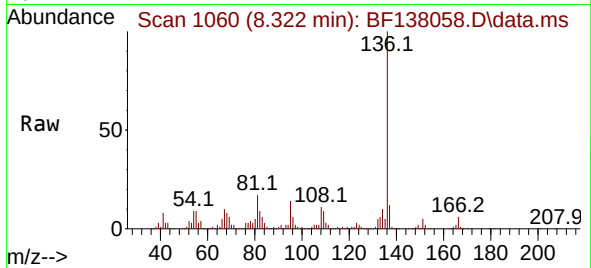
Tgt Ion:107 Resp: 272412
Ion Ratio Lower Upper
107 100
108 87.1 70.8 110.8
77 38.9 20.2 60.2
79 28.6 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

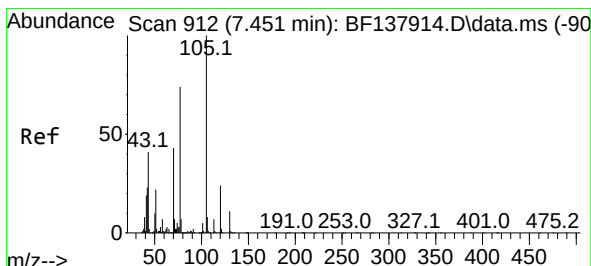
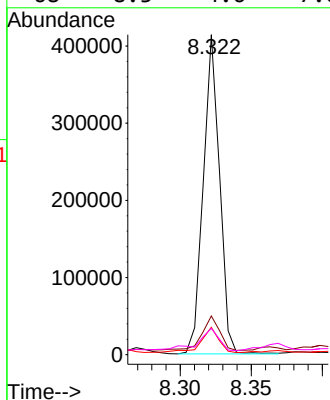
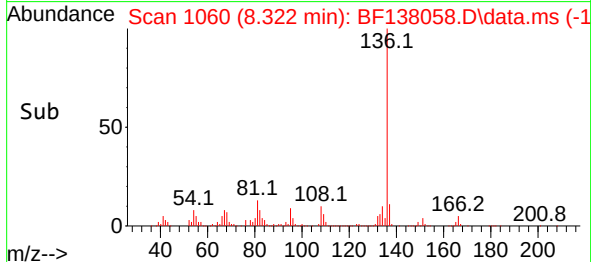
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:136 Resp: 330207
Ion Ratio Lower Upper
136 100
137 12.1 8.7 13.1
54 8.6 5.4 8.2
68 8.3 4.6 7.0

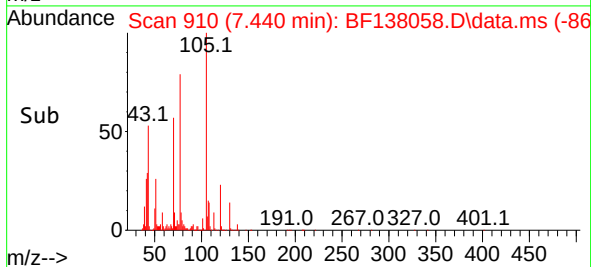
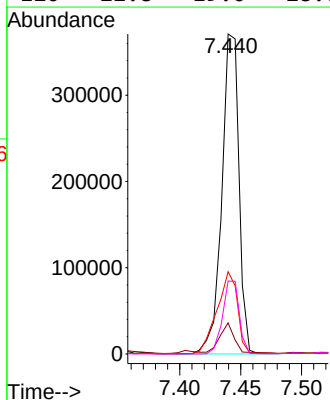
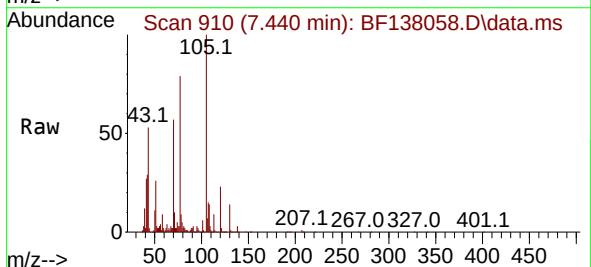
Manual Integrations
APPROVED

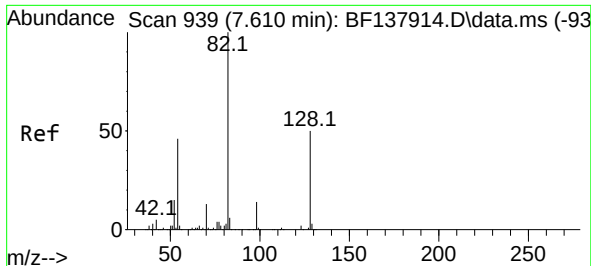
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#22
Acetophenone
Concen: 49.419 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:105 Resp: 365560
Ion Ratio Lower Upper
105 100
71 9.7 5.7 8.5
51 25.7 17.8 26.8
120 22.8 19.0 28.6





#23

Nitrobenzene-d5

Concen: 80.078 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

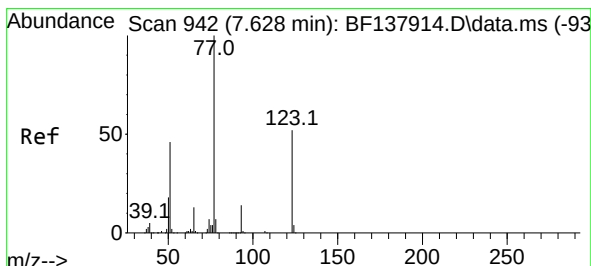
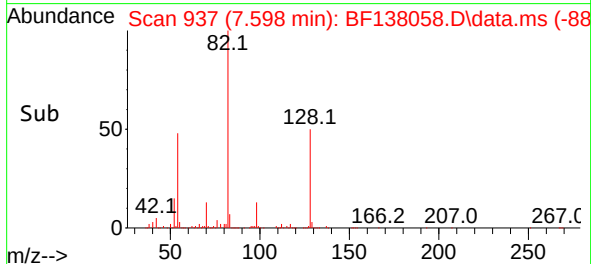
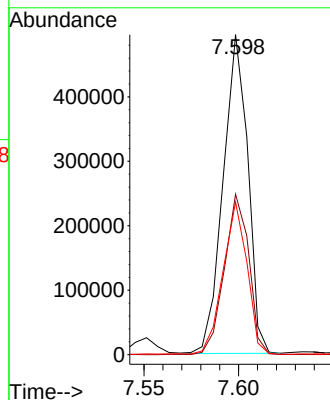
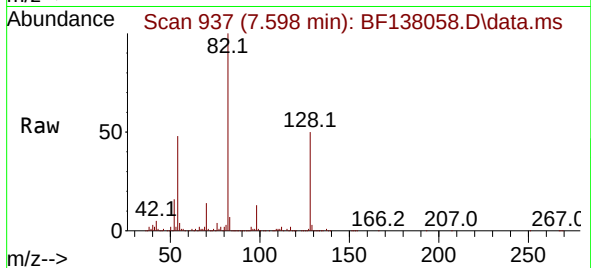
EXPE2MS

Tgt Ion: 82 Resp: 449314
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.3 60.5
 54 47.7 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#24

Nitrobenzene

Concen: 43.952 ng

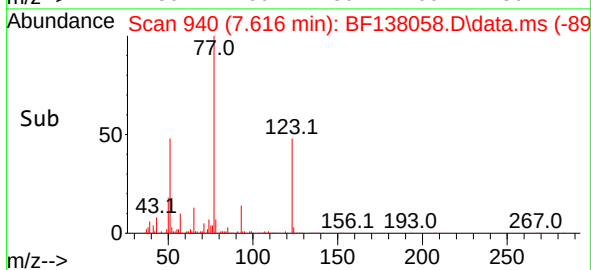
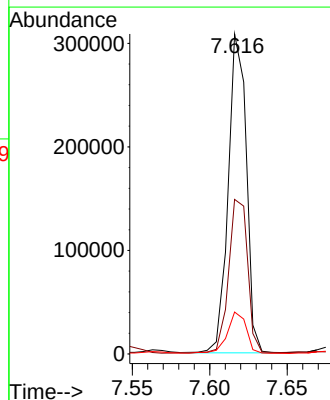
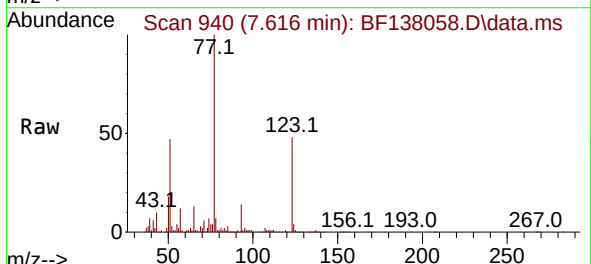
RT: 7.616 min Scan# 940

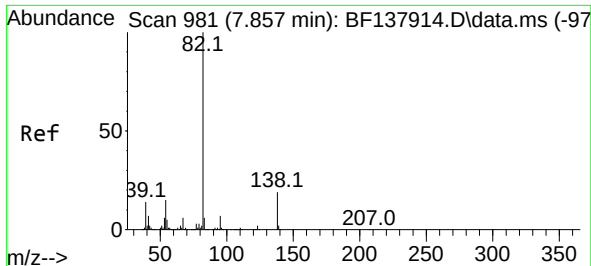
Delta R.T. -0.012 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

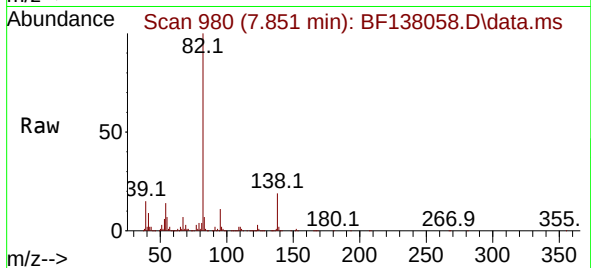
Tgt Ion: 77 Resp: 250176
 Ion Ratio Lower Upper
 77 100
 123 48.3 41.4 62.2
 65 13.1 10.5 15.7





#25
Isophorone
Concen: 47.771 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

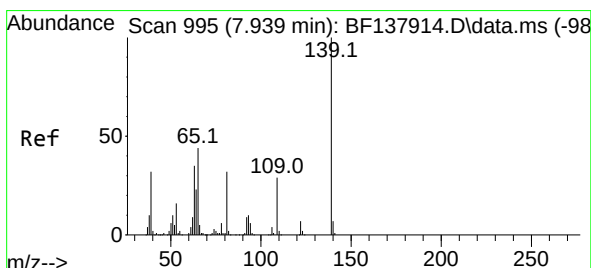
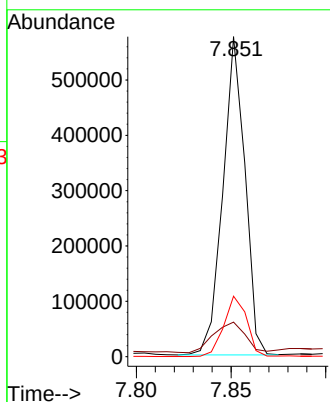
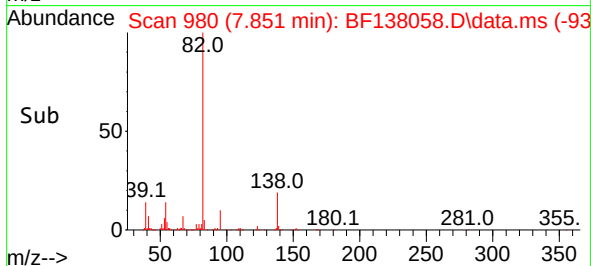
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion: 82 Resp: 46520
Ion Ratio Lower Upper
82 100
95 10.8 6.0 9.0
138 18.9 15.0 22.4

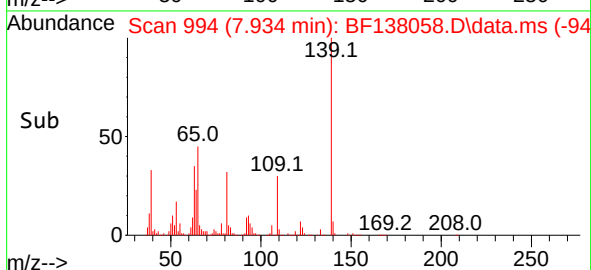
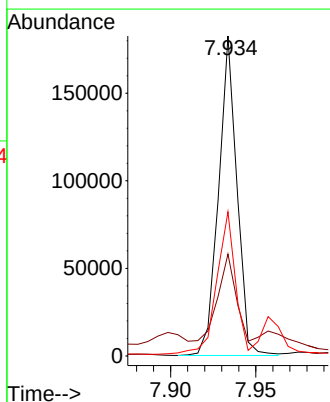
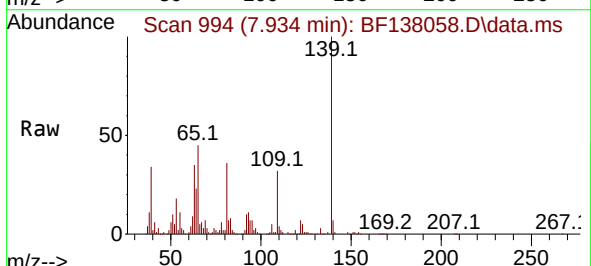
Manual Integrations
APPROVED

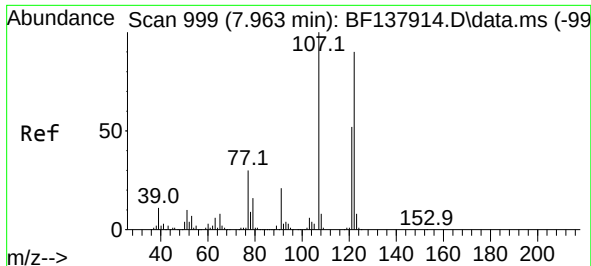
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#26
2-Nitrophenol
Concen: 47.858 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

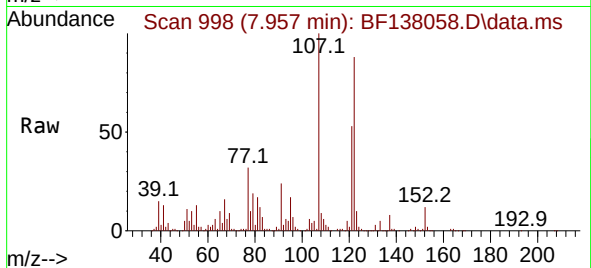
Tgt Ion:139 Resp: 136880
Ion Ratio Lower Upper
139 100
109 31.8 22.8 34.2
65 45.1 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 51.217 ng
RT: 7.957 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

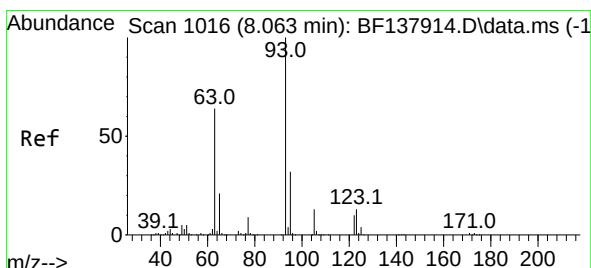
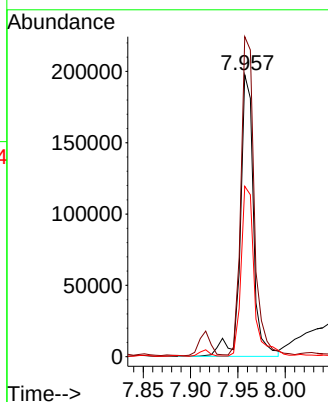
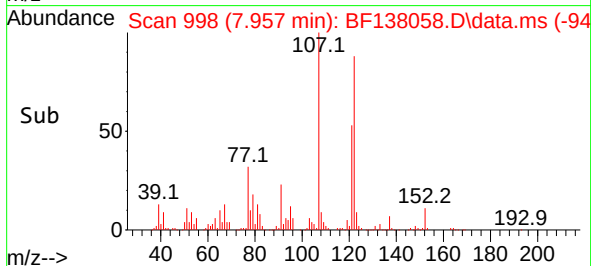
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:122 Resp: 18859
Ion Ratio Lower Upper
122 100
107 113.5 89.0 133.4
121 60.4 46.2 69.4

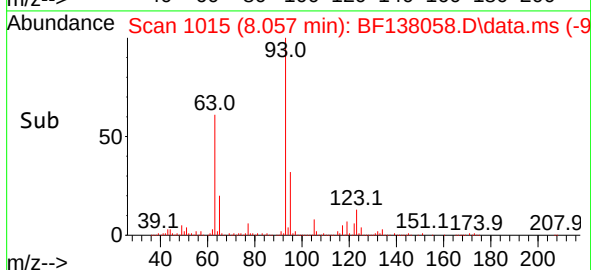
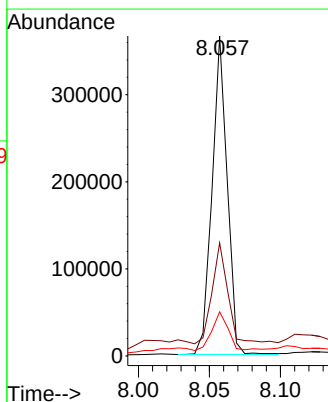
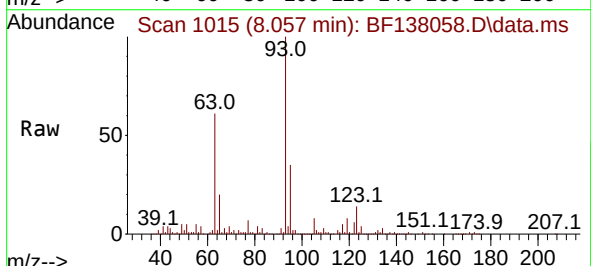
Manual Integrations
APPROVED

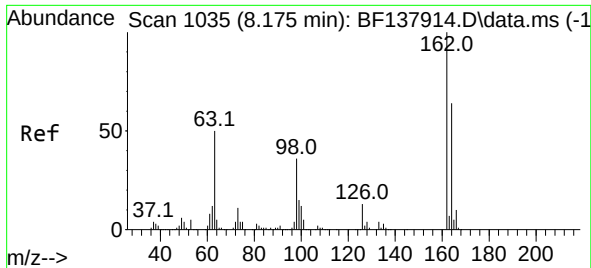
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.982 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion: 93 Resp: 271388
Ion Ratio Lower Upper
93 100
95 35.4 25.9 38.9
123 13.8 10.4 15.6





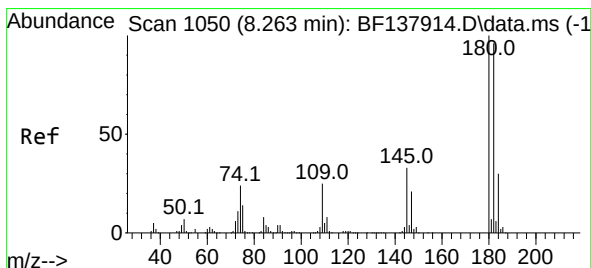
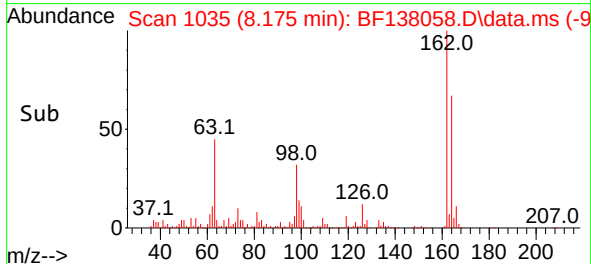
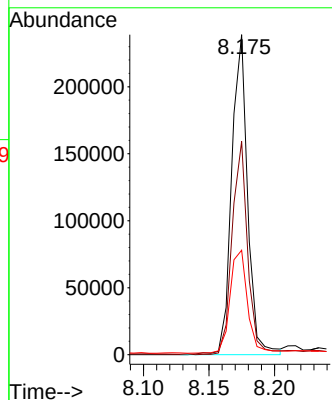
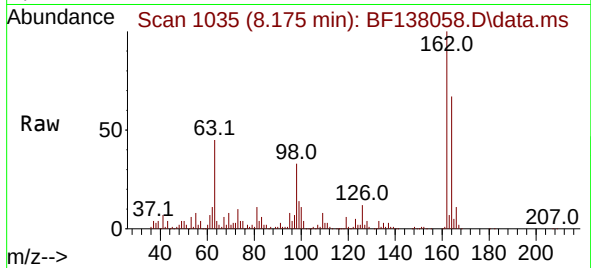
#29
2,4-Dichlorophenol
Concen: 43.587 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
EXPE2MS

Tgt Ion:162 Resp: 20183
Ion Ratio Lower Upper
162 100
164 66.7 44.3 84.3
98 32.7 15.8 55.8

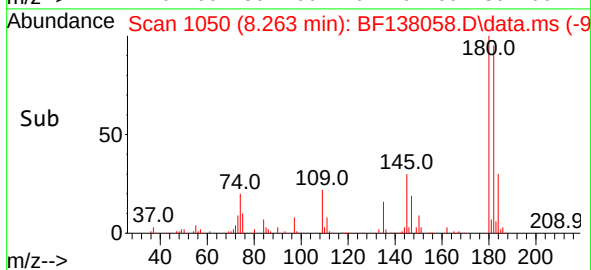
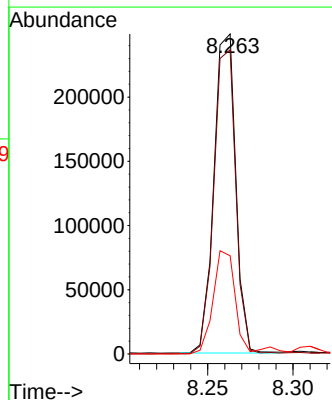
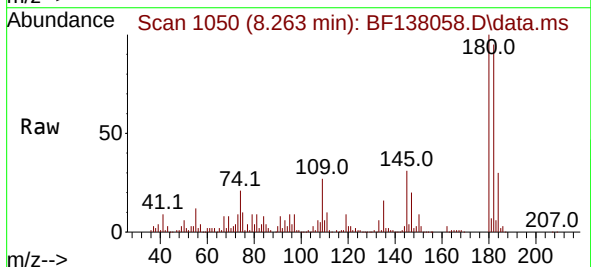
Manual Integrations
APPROVED

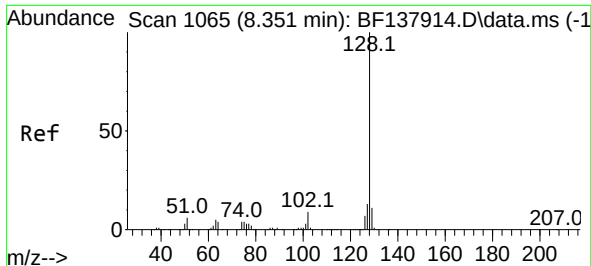
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.941 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

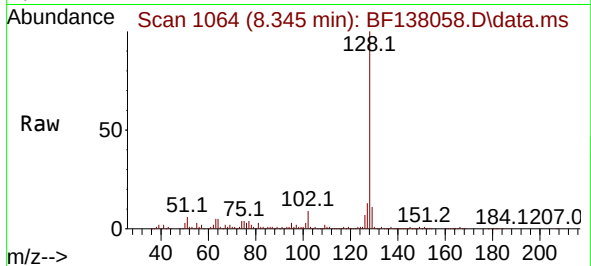
Tgt Ion:180 Resp: 222006
Ion Ratio Lower Upper
180 100
182 95.0 76.5 114.7
145 30.7 26.2 39.2





#31
Naphthalene
Concen: 43.528 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

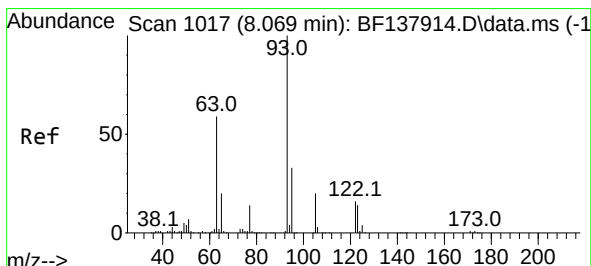
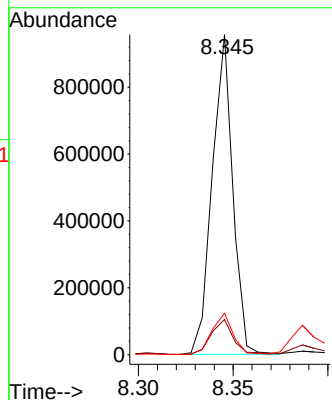
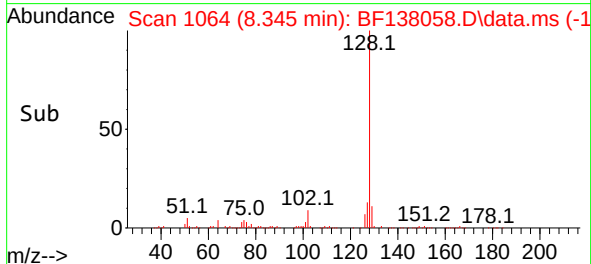
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:128 Resp: 722685
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.6 16.0

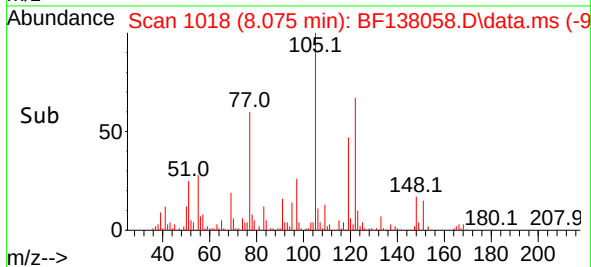
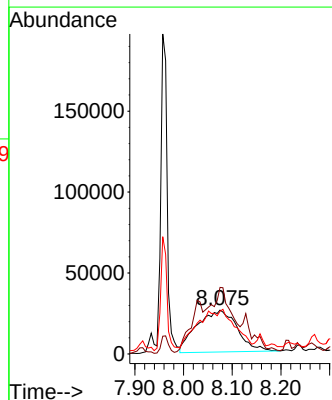
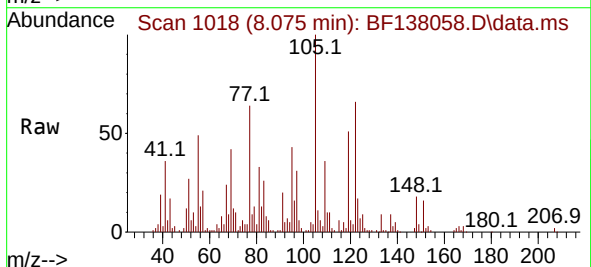
Manual Integrations
APPROVED

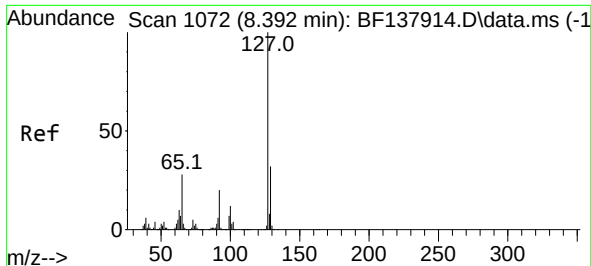
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#32
Benzoic acid
Concen: 47.749 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

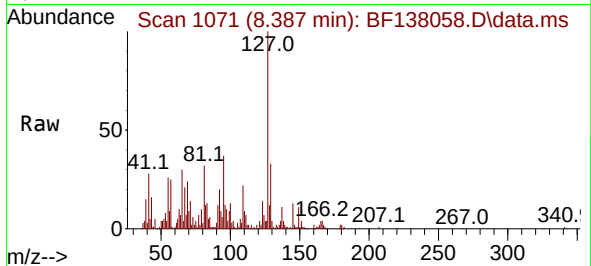
Tgt Ion:122 Resp: 148631
Ion Ratio Lower Upper
122 100
105 151.5 103.8 143.8#
77 97.4 68.4 108.4





#33
4-Chloroaniline
Concen: 26.464 ng
RT: 8.387 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

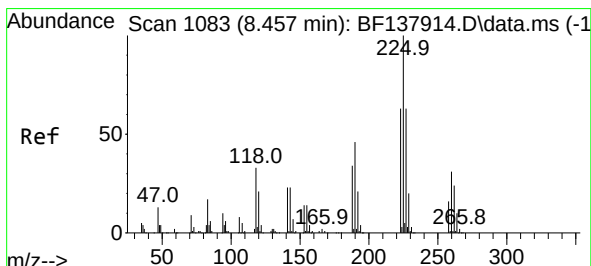
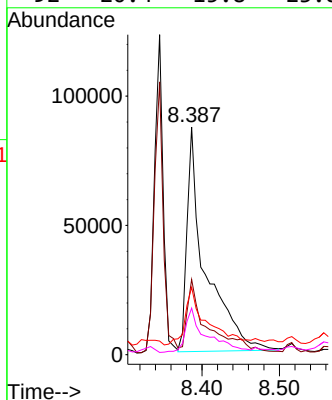
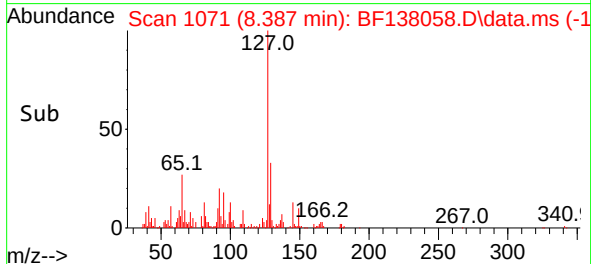
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:	127	Resp:	14403
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	29.6	22.0	33.0
92	20.4	15.8	23.8

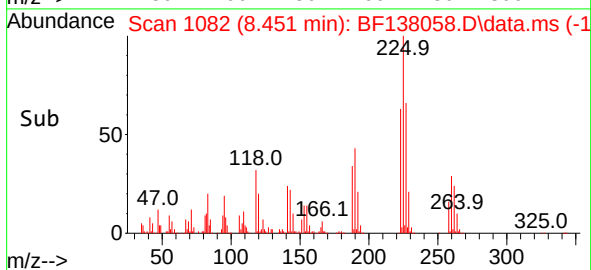
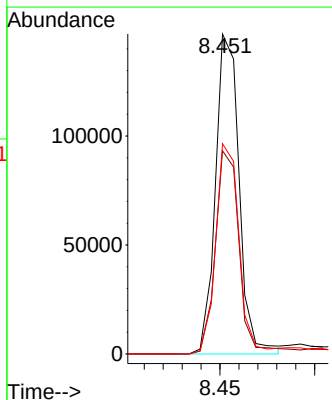
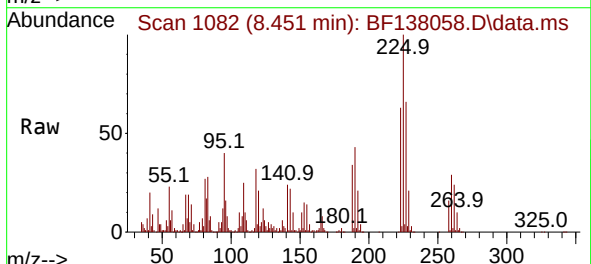
Manual Integrations
APPROVED

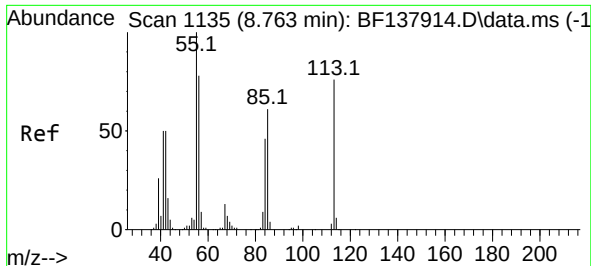
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

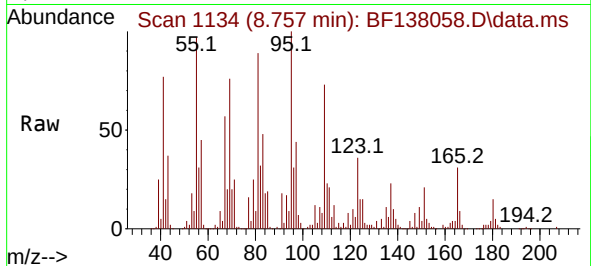
Tgt Ion:	225	Resp:	127555
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	65.7	50.2	75.4





#35
Caprolactam
Concen: 69.981 ng m
RT: 8.757 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

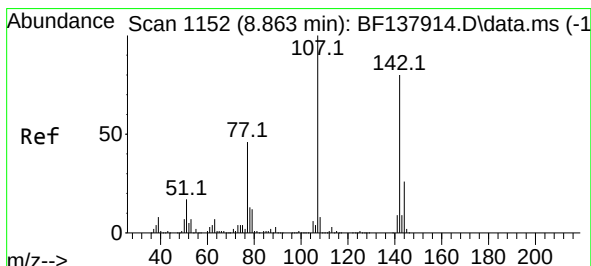
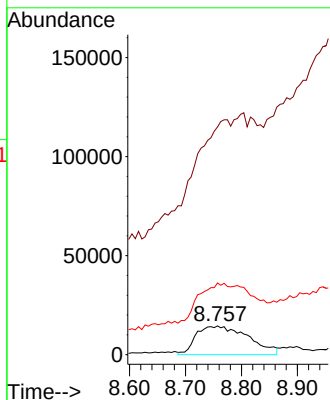
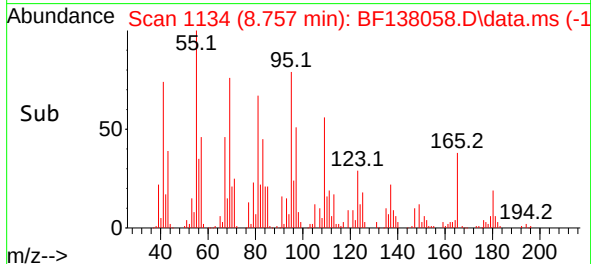
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:113 Resp: 9388
Ion Ratio Lower Upper
113 100
55 791.5 112.3 152.3#
56 249.1 82.7 122.7#

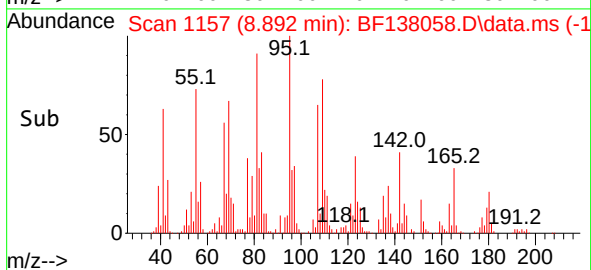
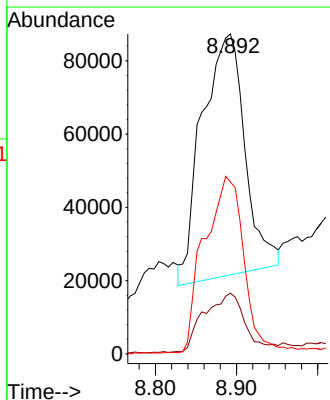
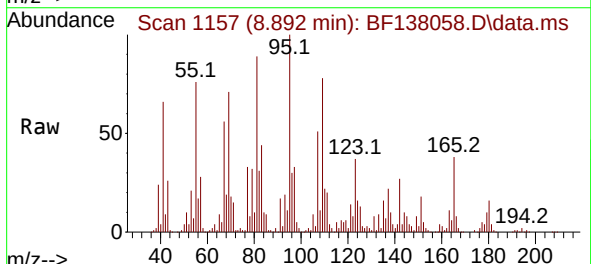
Manual Integrations
APPROVED

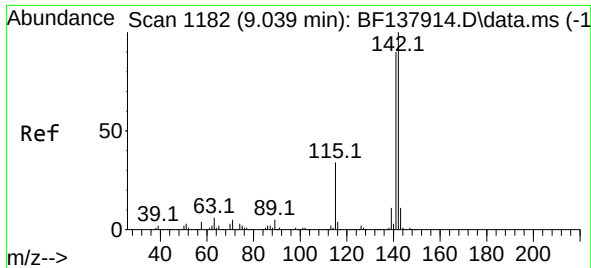
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#36
4-Chloro-3-methylphenol
Concen: 51.600 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.030 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

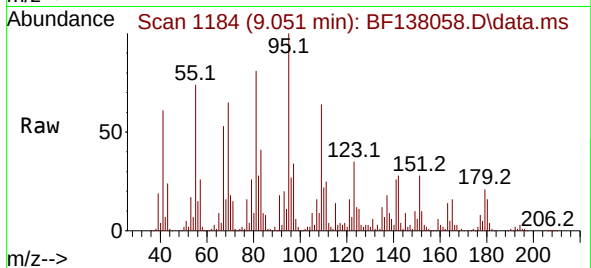
Tgt Ion:107 Resp: 243059
Ion Ratio Lower Upper
107 100
144 19.0 20.7 31.1#
142 53.8 64.0 96.0#





#37
2-Methylnaphthalene
Concen: 34.330 ng m
RT: 9.051 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

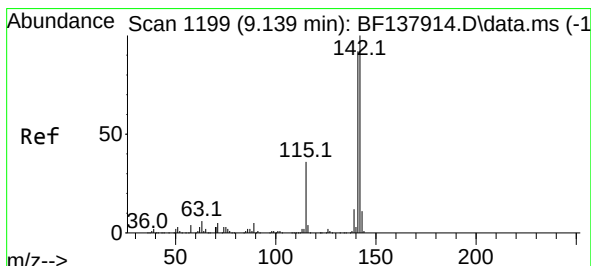
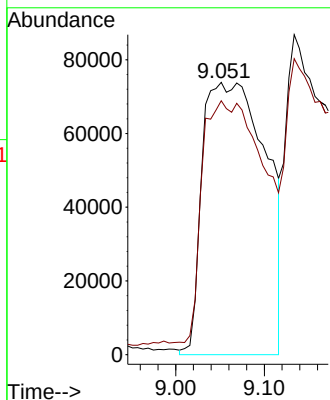
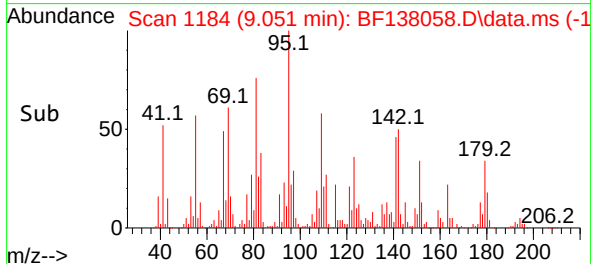
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



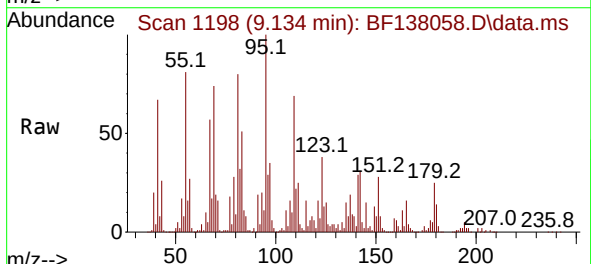
Tgt Ion:142 Resp: 366380
Ion Ratio Lower Upper
142 100
141 93.3 72.0 108.0

Manual Integrations
APPROVED

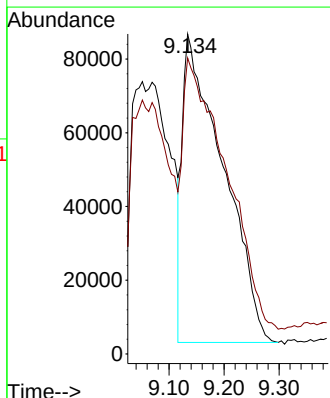
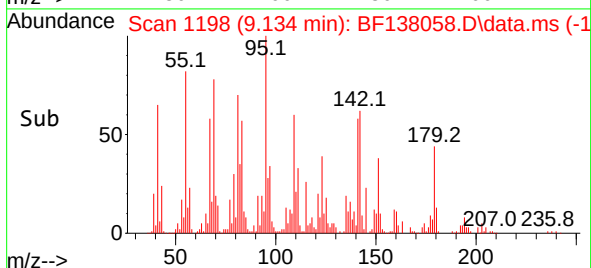
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

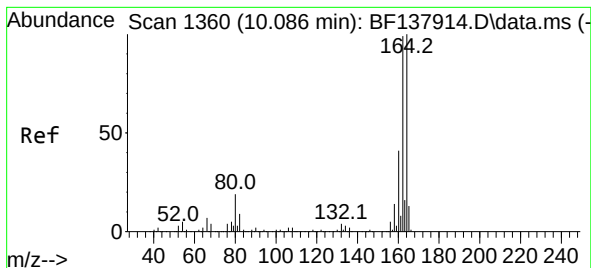


#38
1-Methylnaphthalene
Concen: 40.626 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43



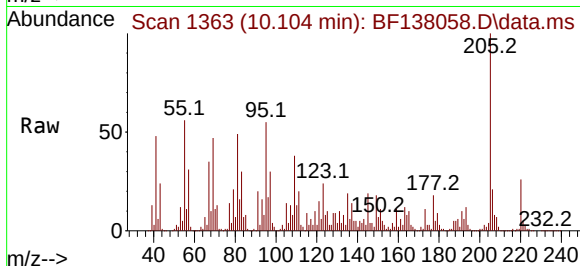
Tgt Ion:142 Resp: 426246
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

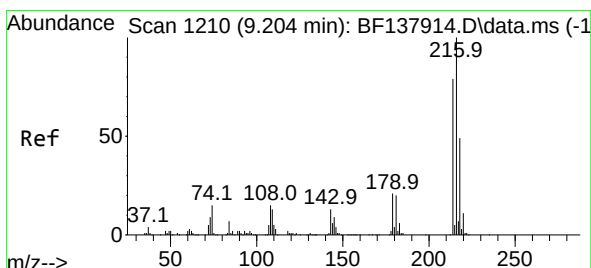
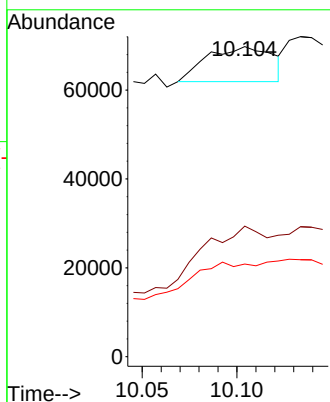
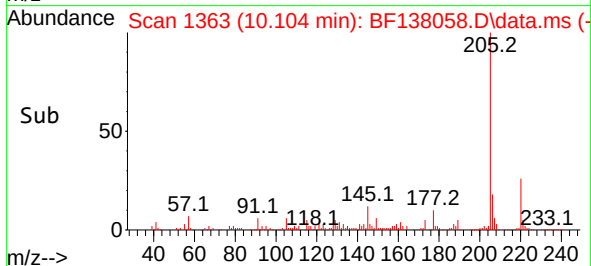
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:164 Resp: 1884
Ion Ratio Lower Upper
164 100
162 42.1 79.4 119.2
160 29.9 33.1 49.7

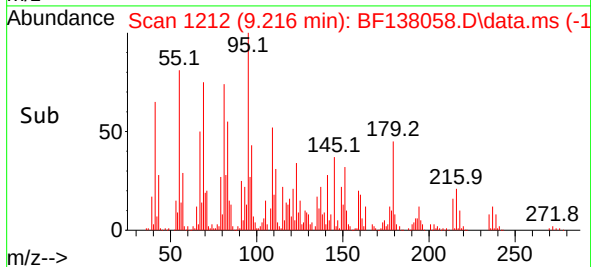
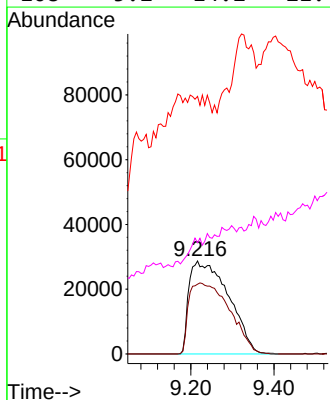
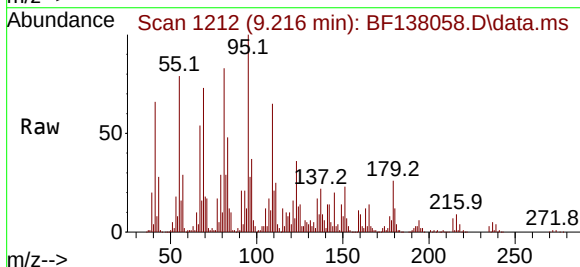
Manual Integrations
APPROVED

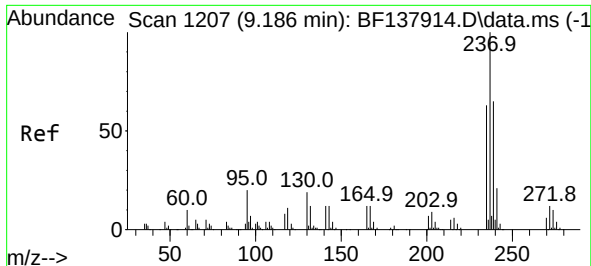
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 369.653 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

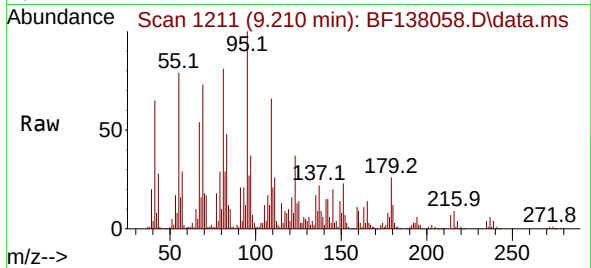
Tgt Ion:216 Resp: 189403
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 0.0 17.0 25.4#
108 5.2 14.2 21.4#





#41
Hexachlorocyclopentadiene
Concen: 523.281 ng m
RT: 9.210 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

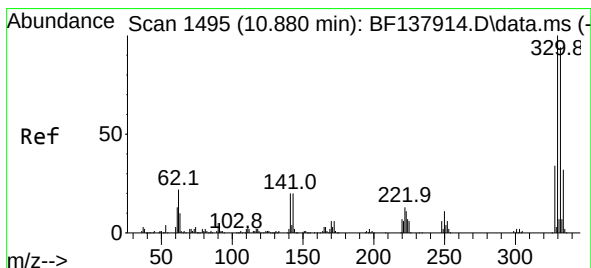
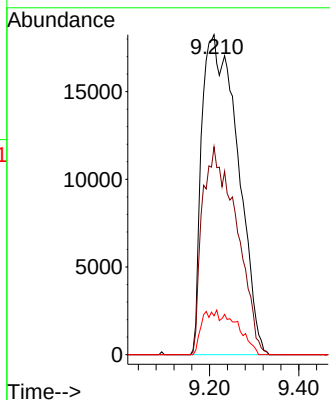
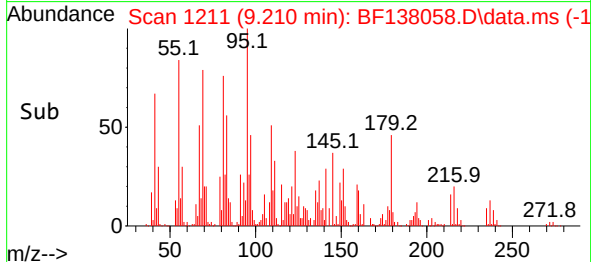
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



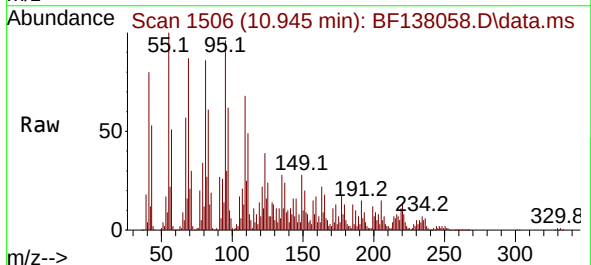
Tgt Ion: 237 Resp: 101878
Ion Ratio Lower Upper
237 100
235 65.0 42.8 82.8
272 12.2 0.0 32.0

Manual Integrations
APPROVED

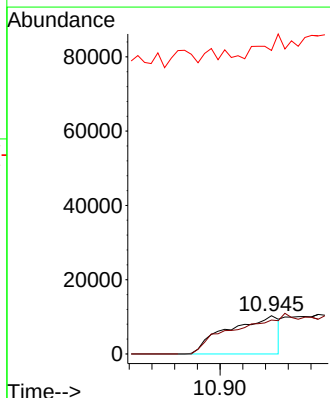
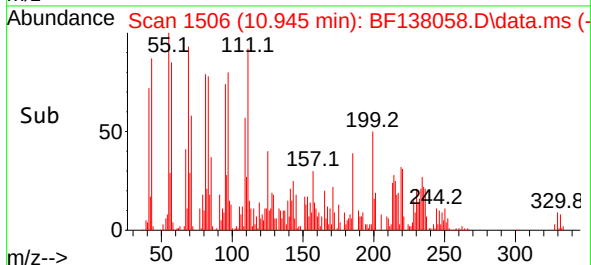
Reviewed By : Jagrut Upadhyay 05/30/2024
Supervised By : mohammad ahmed 05/31/2024

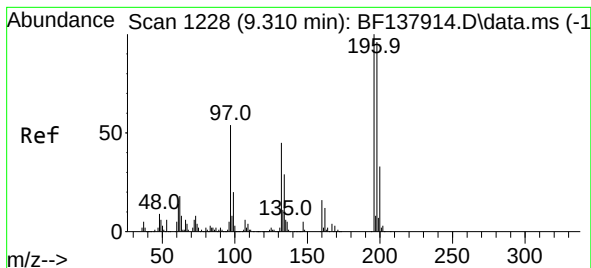


#42
2,4,6-Tribromophenol
Concen: 167.865 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.065 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43



Tgt Ion: 330 Resp: 31900
Ion Ratio Lower Upper
330 100
332 126.6 75.8 113.8#
141 0.0 23.8 35.6#





#43

2,4,6-Trichlorophenol

Concen: 605.809 ng m

RT: 9.375 min Scan# 1239

Delta R.T. 0.065 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

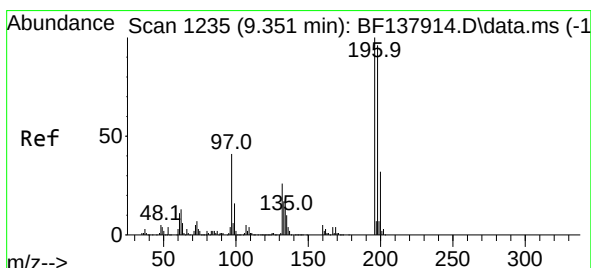
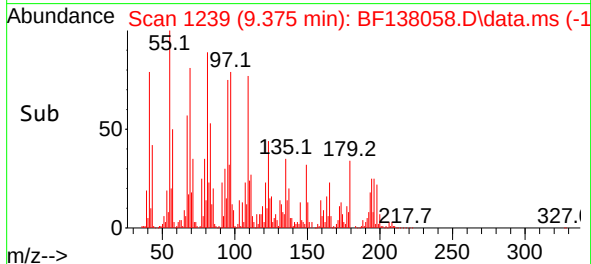
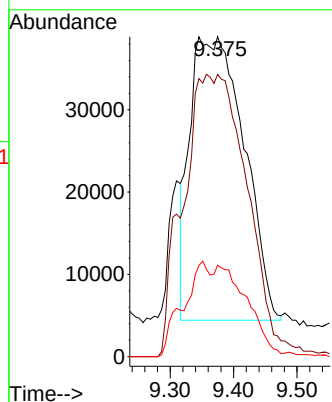
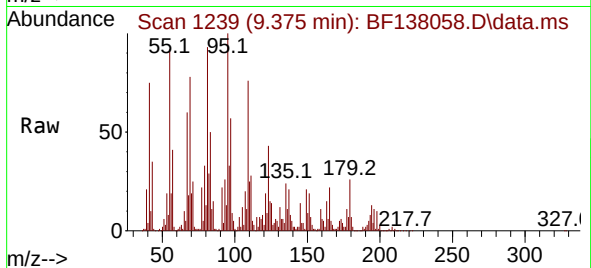
EXPE2MS

Tgt Ion:196	Resp: 20352
Ion Ratio	Lower Upper
196	100
198	88.2 77.0 115.4
200	28.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#44

2,4,5-Trichlorophenol

Concen: 797.167 ng m

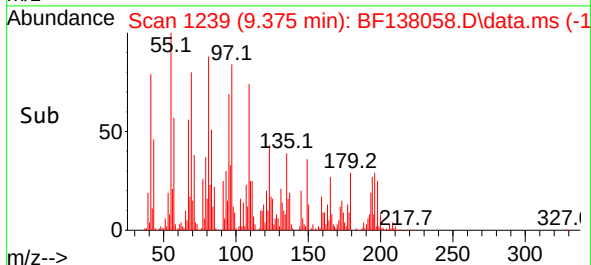
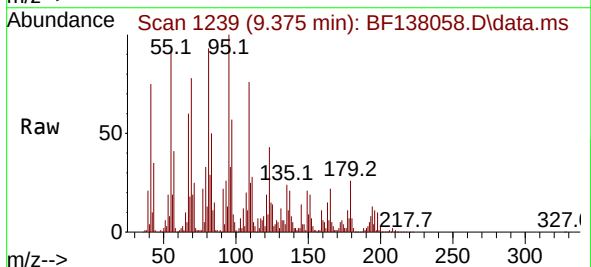
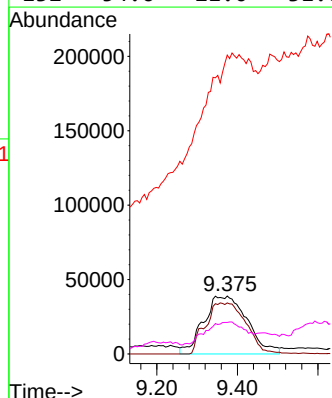
RT: 9.375 min Scan# 1239

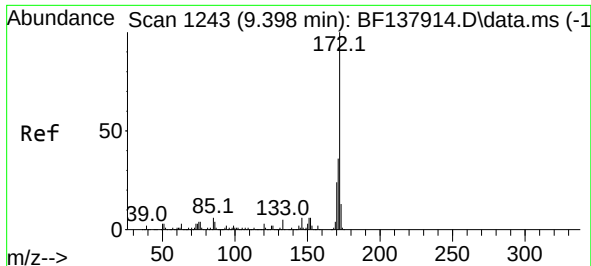
Delta R.T. 0.024 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

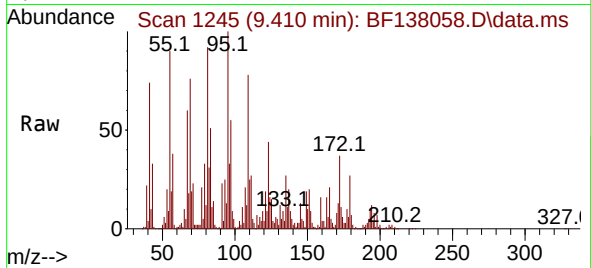
Tgt Ion:196	Resp: 293031
Ion Ratio	Lower Upper
196	100
198	88.2 77.4 116.0
97	516.8 32.9 49.3#
132	54.6 21.0 31.6#





#45
2-Fluorobiphenyl
Concen: 636.909 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

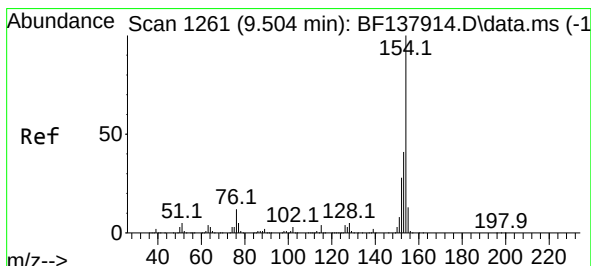
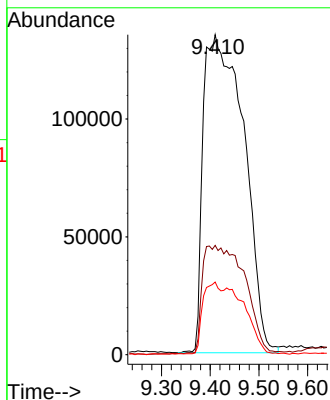
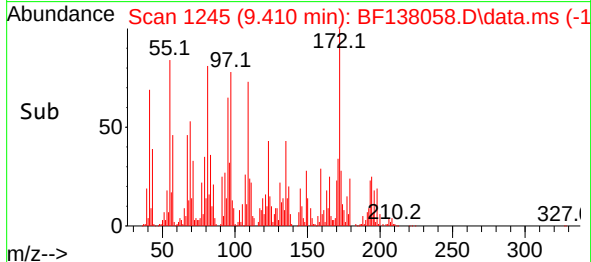
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:172 Resp: 77927
Ion Ratio Lower Upper
172 100
171 34.2 28.9 43.3
170 22.7 18.9 28.3

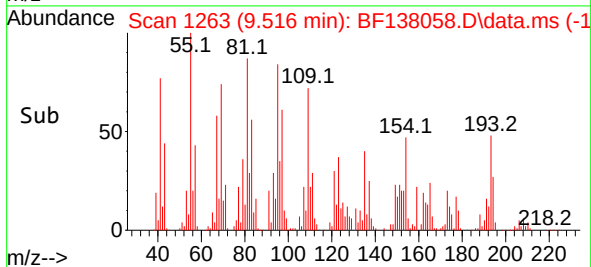
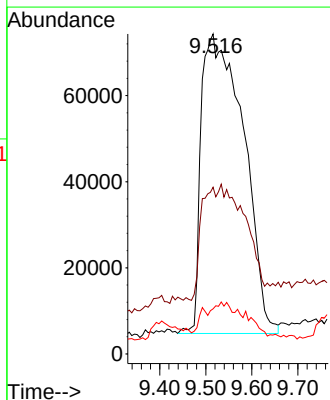
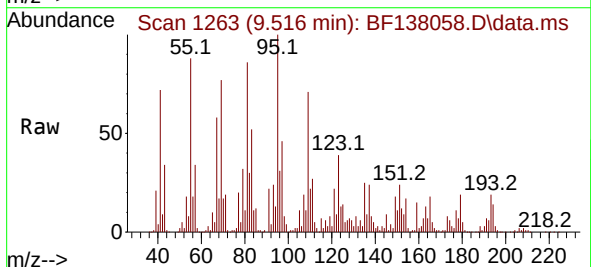
Manual Integrations
APPROVED

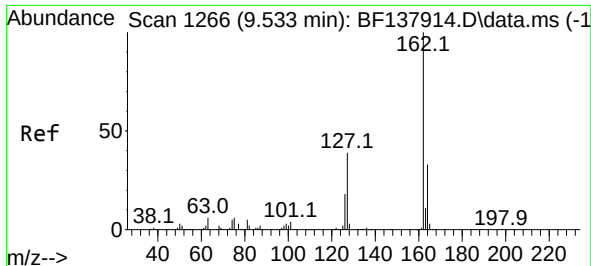
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#46
1,1'-Biphenyl
Concen: 335.258 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:154 Resp: 443180
Ion Ratio Lower Upper
154 100
153 52.1 21.3 61.3
76 14.1 0.0 31.9





#47

2-Chloronaphthalene

Concen: 307.273 ng m

RT: 9.545 min Scan# 1266

Delta R.T. 0.012 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

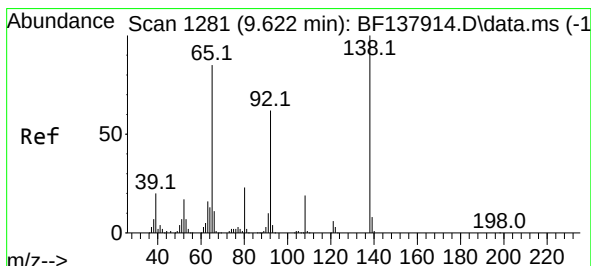
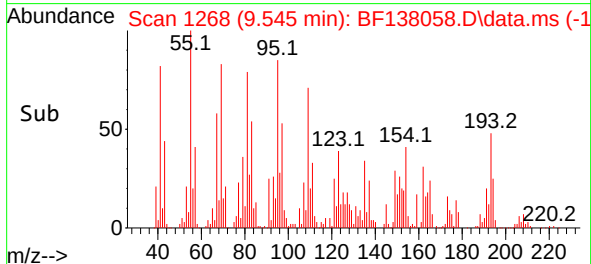
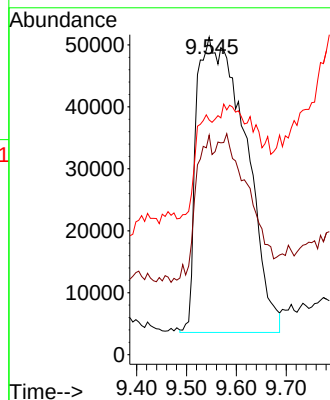
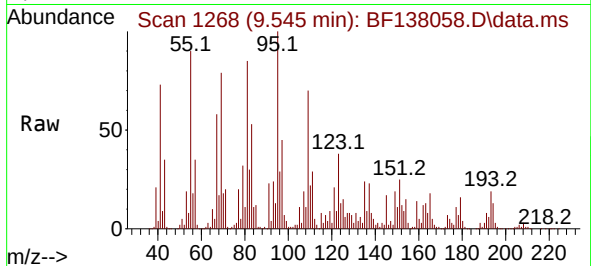
EXPE2MS

Tgt Ion:	162	Resp:	32424
Ion Ratio	Lower	Upper	
162	100		
127	69.1	32.0	48.0
164	73.9	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#48

2-Nitroaniline

Concen: 383.568 ng

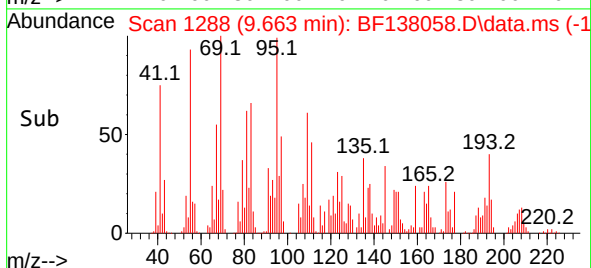
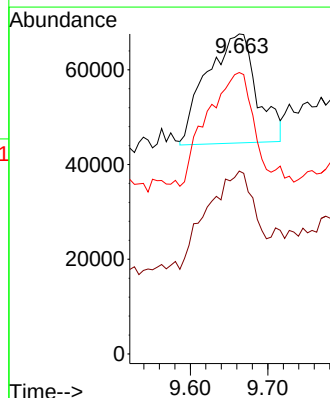
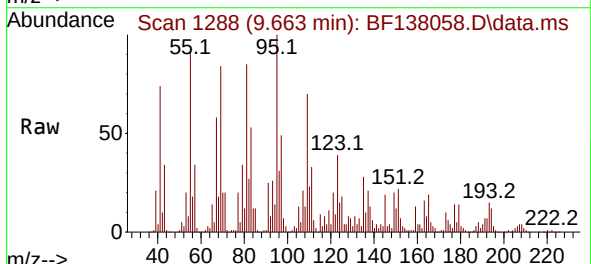
RT: 9.663 min Scan# 1288

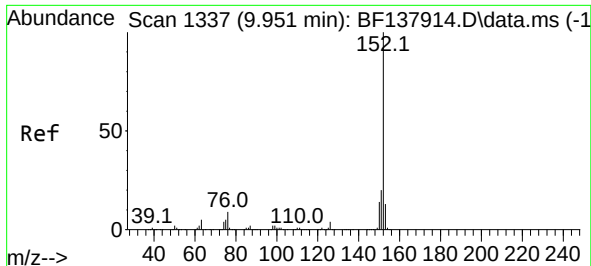
Delta R.T. 0.041 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

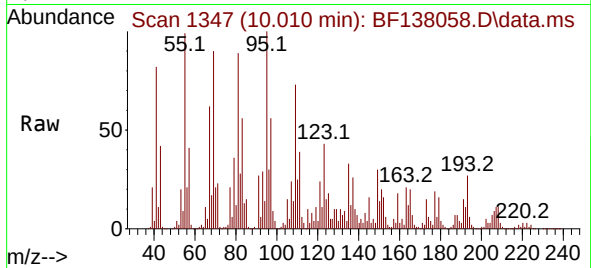
Tgt Ion:	65	Resp:	103647
Ion Ratio	Lower	Upper	
65	100		
92	57.2	58.6	88.0
138	88.0	94.1	141.1





#49
Acenaphthylene
Concen: 286.171 ng m
RT: 10.010 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

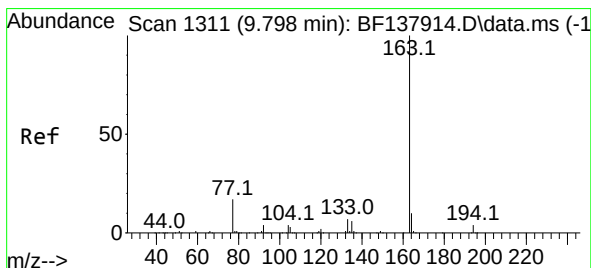
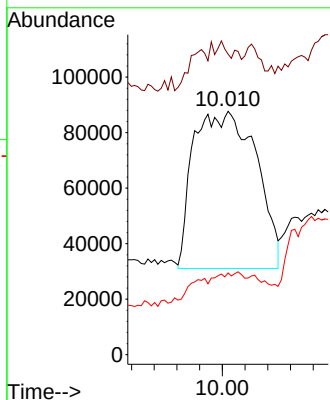
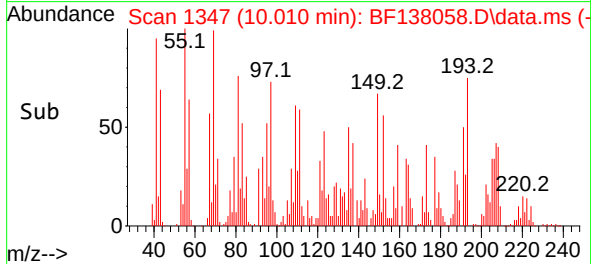
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:152 Resp: 434204
Ion Ratio Lower Upper
152 100
151 123.4 15.8 23.8
153 33.6 10.2 15.4

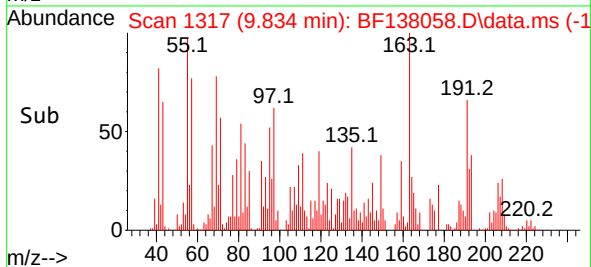
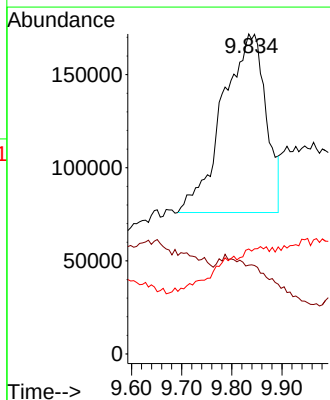
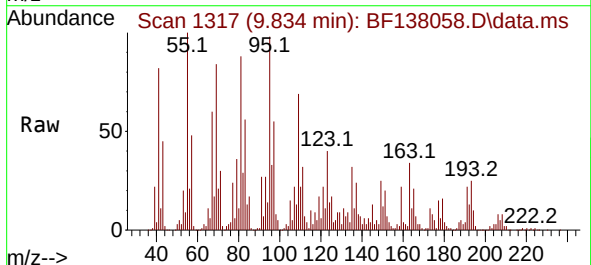
Manual Integrations
APPROVED

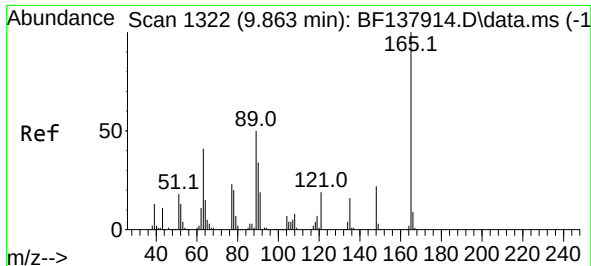
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#50
Dimethylphthalate
Concen: 487.796 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.035 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

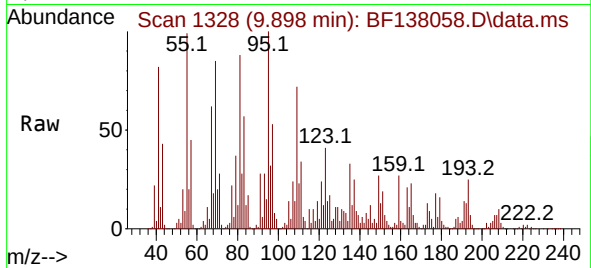
Tgt Ion:163 Resp: 576505
Ion Ratio Lower Upper
163 100
194 27.7 3.4 5.0#
164 32.8 8.0 12.0#





#51
2,6-Dinitrotoluene
Concen: 286.844 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.035 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

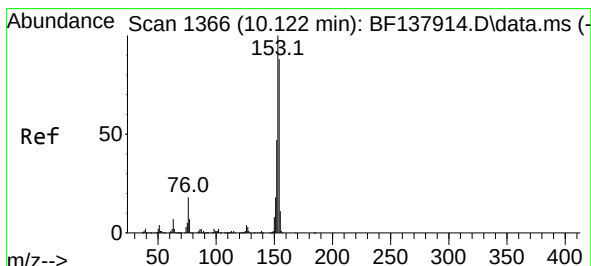
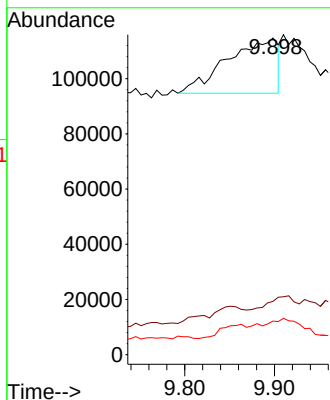
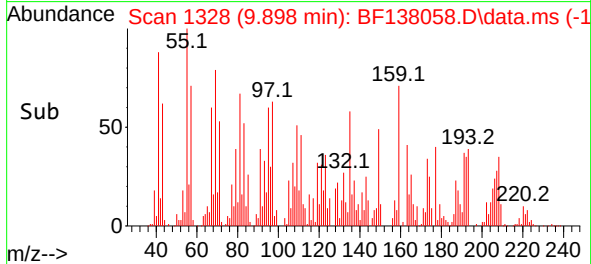
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:165 Resp: 7780
Ion Ratio Lower Upper
165 100
63 16.8 38.9 58.3
89 10.6 40.4 60.6

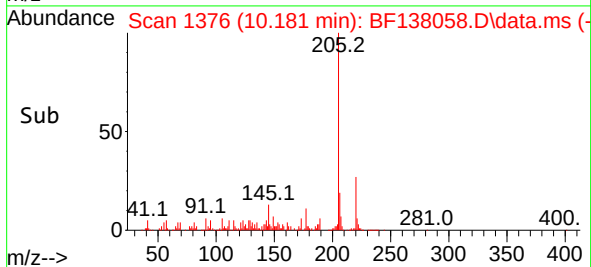
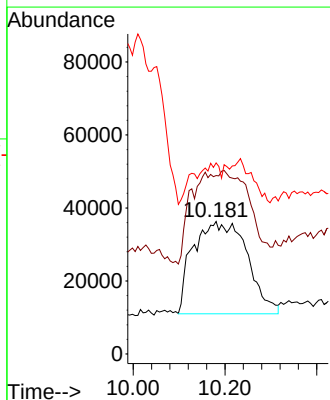
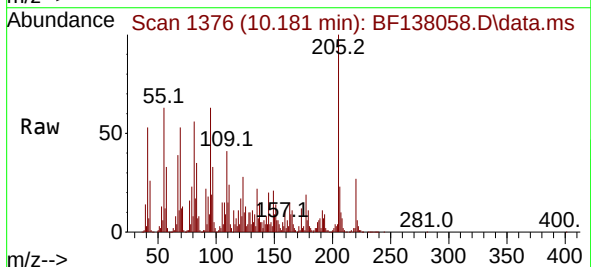
Manual Integrations
APPROVED

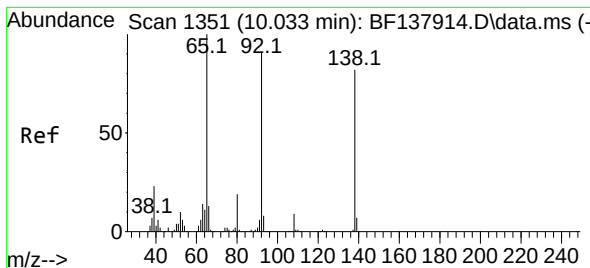
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#52
Acenaphthene
Concen: 205.410 ng m
RT: 10.181 min Scan# 1376
Delta R.T. 0.059 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

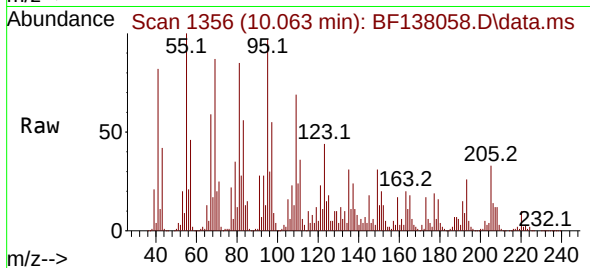
Tgt Ion:154 Resp: 205993
Ion Ratio Lower Upper
154 100
153 134.7 90.4 135.6
152 144.2 42.3 63.5





#53
3-Nitroaniline
Concen: 235.023 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

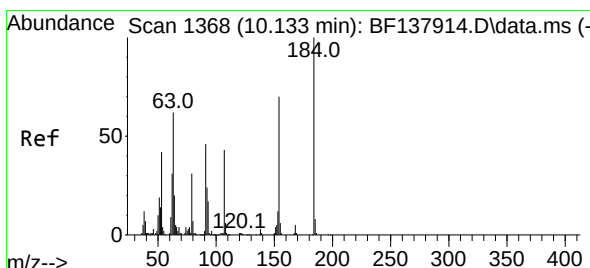
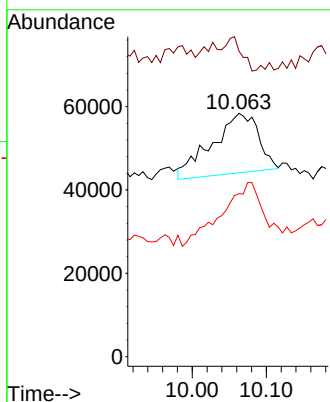
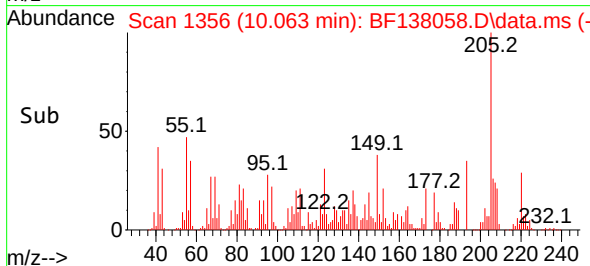
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:138 Resp: 6232
Ion Ratio Lower Upper
138 100
108 125.5 8.8 13.2
92 66.9 88.6 133.0

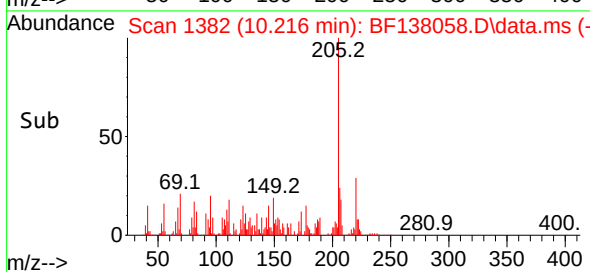
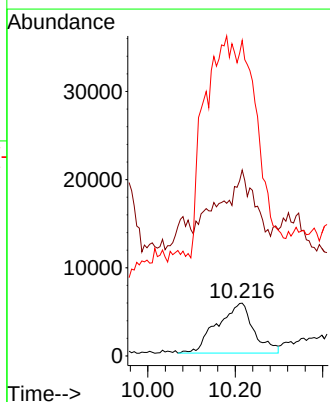
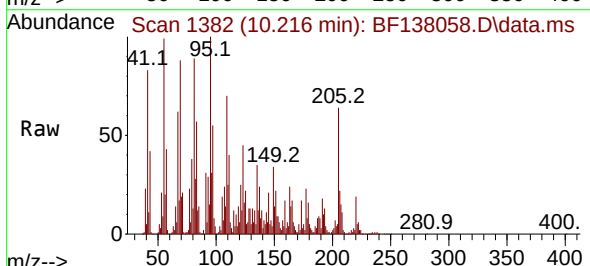
Manual Integrations
APPROVED

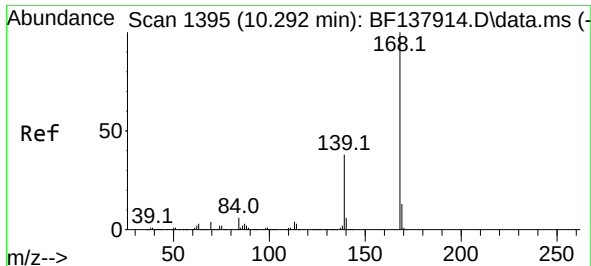
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#54
2,4-Dinitrophenol
Concen: 211.980 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.083 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

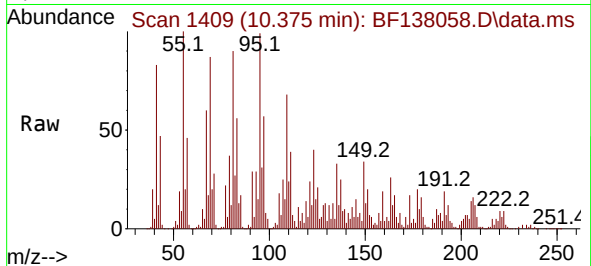
Tgt Ion:184 Resp: 32909
Ion Ratio Lower Upper
184 100
63 351.6 50.4 75.6#
154 597.0 63.7 95.5#





#55
Dibenzenofuran
Concen: 224.128 ng m
RT: 10.375 min Scan# 1409
Delta R.T. 0.083 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

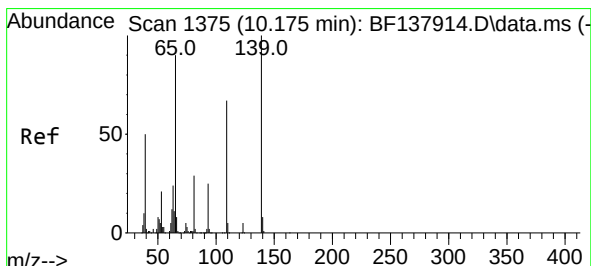
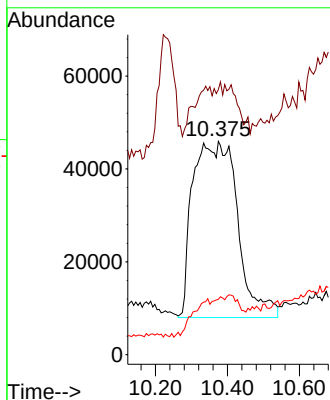
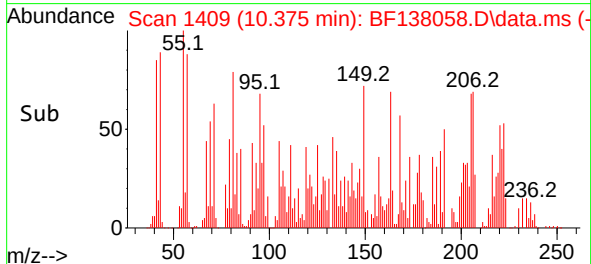
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:168 Resp: 327109
Ion Ratio Lower Upper
168 100
139 124.3 30.4 45.6
169 26.0 10.5 15.7

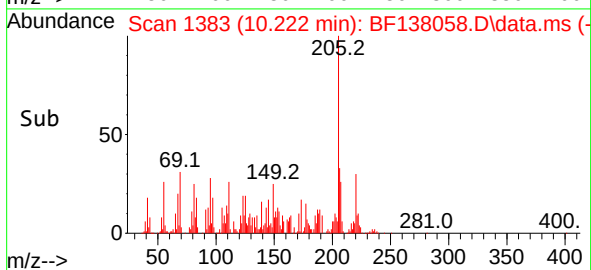
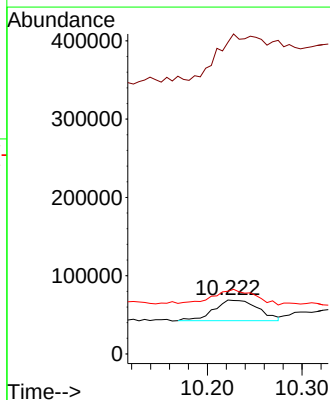
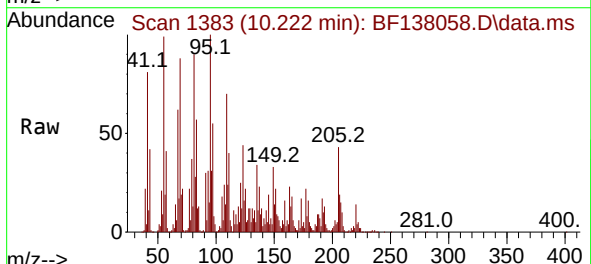
Manual Integrations
APPROVED

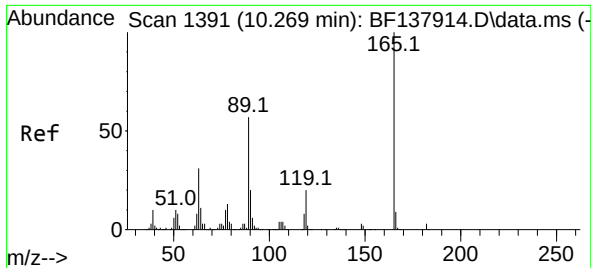
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#56
4-Nitrophenol
Concen: 450.175 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.047 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

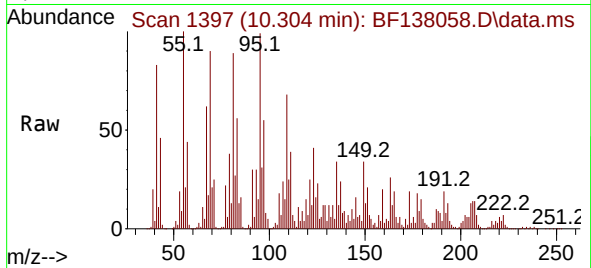
Tgt Ion:139 Resp: 85740
Ion Ratio Lower Upper
139 100
109 577.8 46.5 86.5#
65 116.2 70.4 110.4#





#57
2,4-Dinitrotoluene
Concen: 23.056 ng
RT: 10.304 min Scan# 1467
Delta R.T. 0.035 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

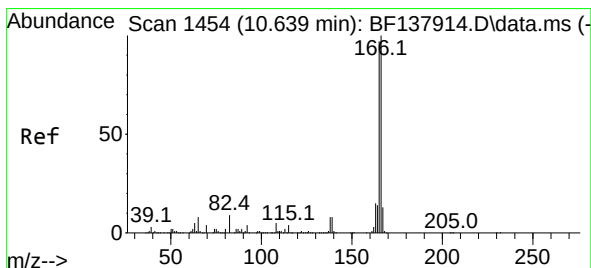
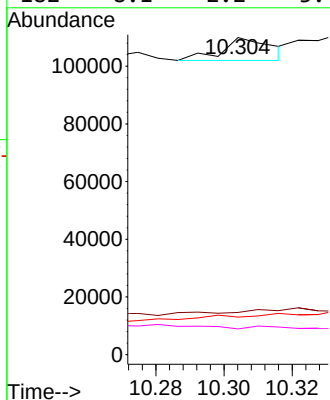
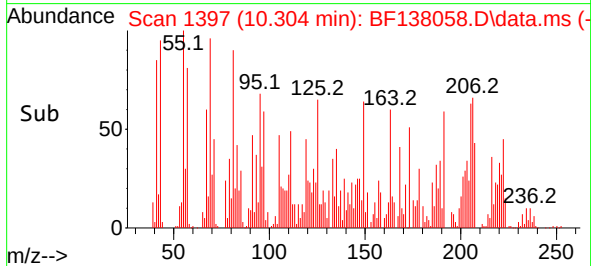
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:165 Resp: 808
Ion Ratio Lower Upper
165 100
63 13.3 25.3 37.9
89 11.9 45.9 68.9
182 8.1 2.2 3.4#

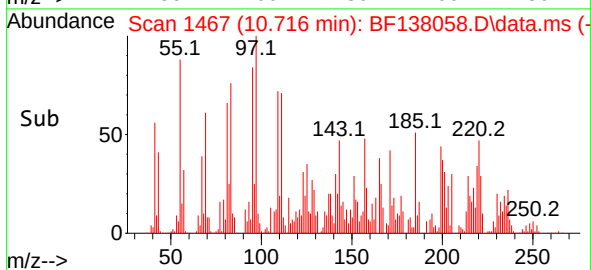
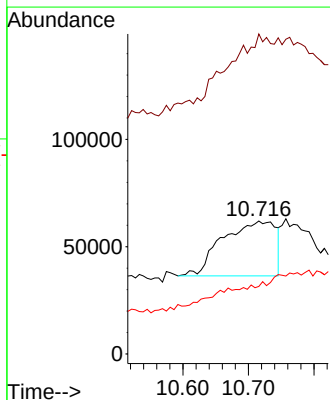
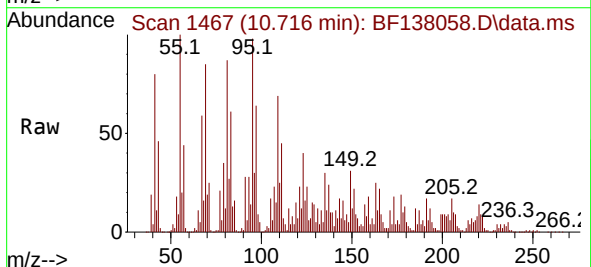
Manual Integrations
APPROVED

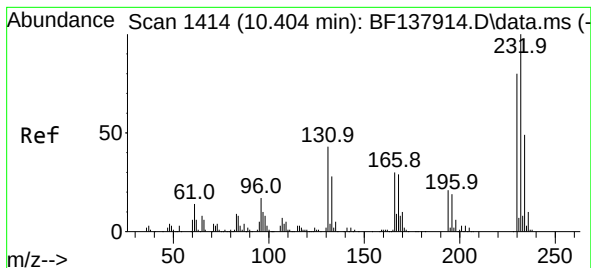
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#58
Fluorene
Concen: 125.236 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.077 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

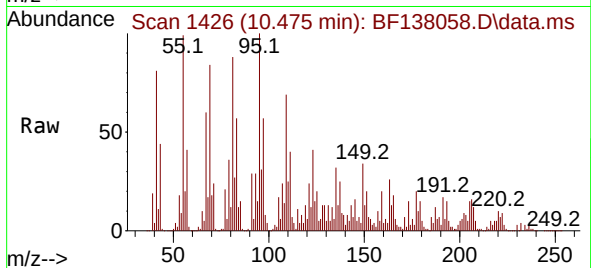
Tgt Ion:166 Resp: 144571
Ion Ratio Lower Upper
166 100
165 240.6 77.8 116.8#
167 50.8 10.4 15.6#





#59
2,3,4,6-Tetrachlorophenol
Concen: 681.134 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.071 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

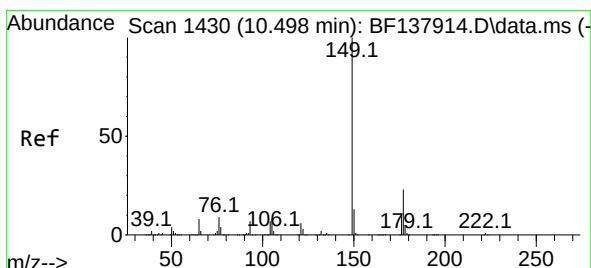
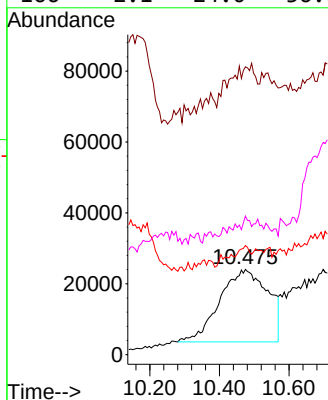
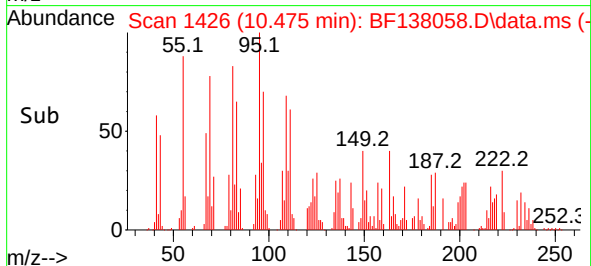
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:232 Resp: 19669
Ion Ratio Lower Upper
232 100
131 0.0 34.4 51.6#
130 3.0 1.7 2.5#
166 2.1 24.0 36.0#

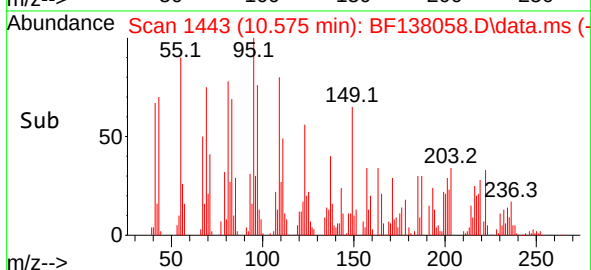
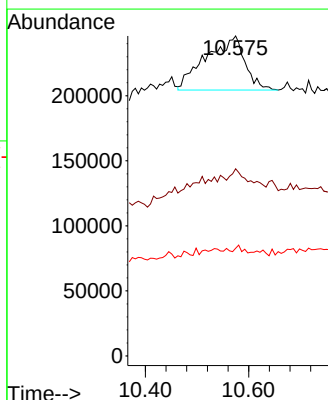
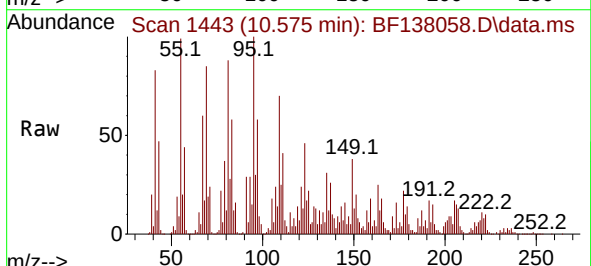
Manual Integrations
APPROVED

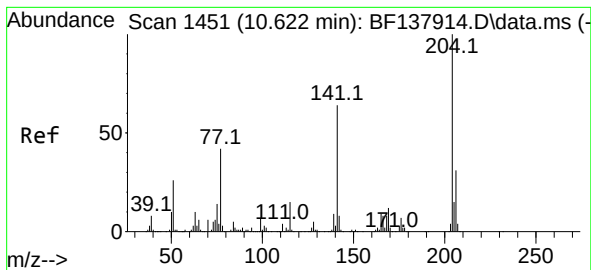
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#60
Diethylphthalate
Concen: 195.172 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.077 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:149 Resp: 215427
Ion Ratio Lower Upper
149 100
177 58.5 18.4 27.6#
150 33.7 10.1 15.1#





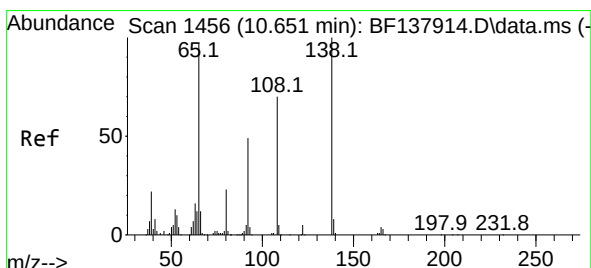
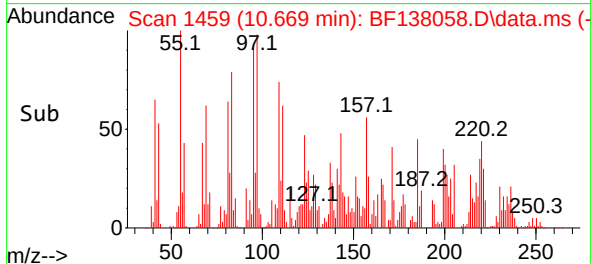
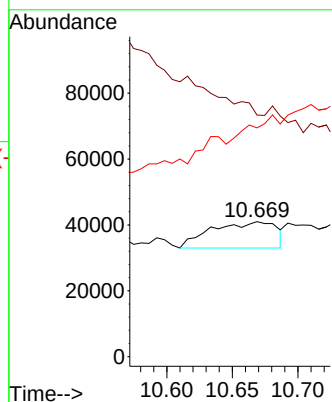
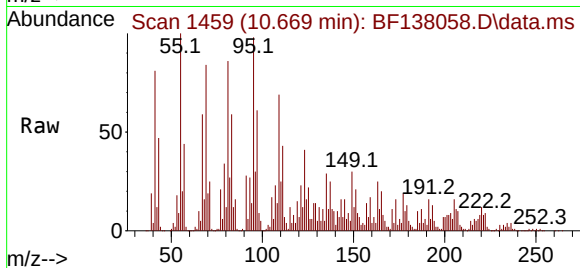
#61
4-Chlorophenyl-phenylether
Concen: 48.415 ng
RT: 10.669 min Scan# 1451
Delta R.T. 0.047 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
EXPE2MS

Tgt Ion:204 Resp: 27562
Ion Ratio Lower Upper
204 100
206 178.8 25.1 37.7
141 169.3 51.0 76.6

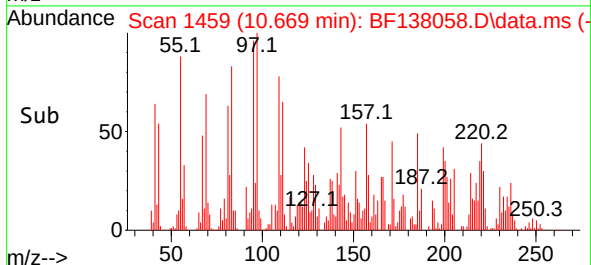
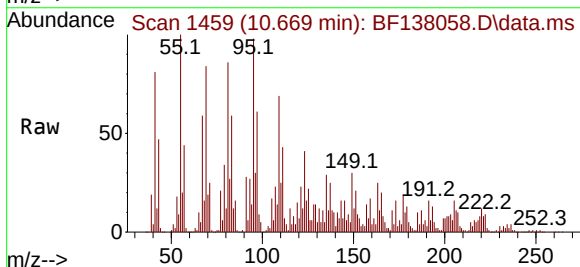
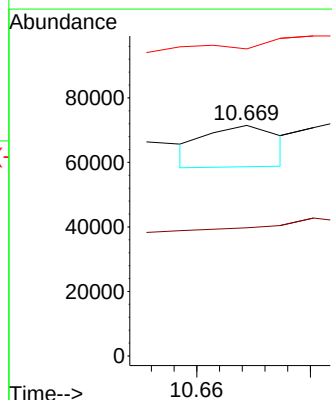
Manual Integrations
APPROVED

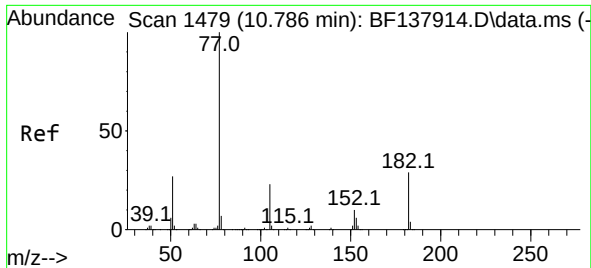
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#62
4-Nitroaniline
Concen: 46.610 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

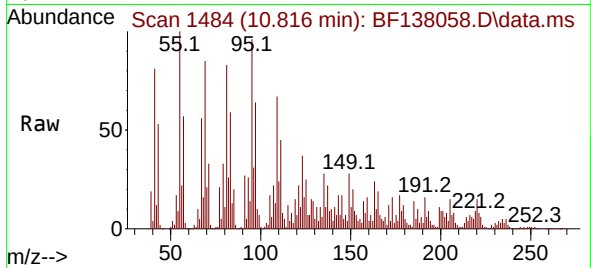
Tgt Ion:138 Resp: 11723
Ion Ratio Lower Upper
138 100
92 55.6 29.0 69.0
108 133.2 49.7 89.7





#63
Azobenzene
Concen: 17.140 ng
RT: 10.816 min Scan# 1479
Delta R.T. 0.030 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

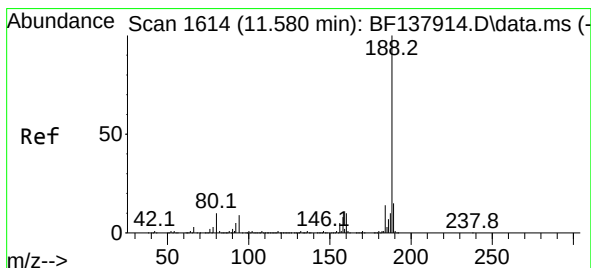
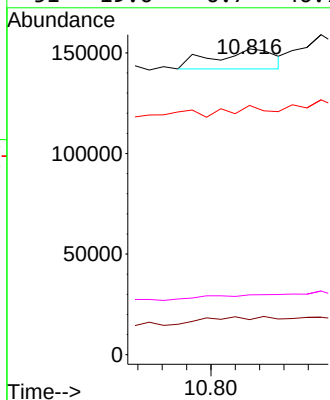
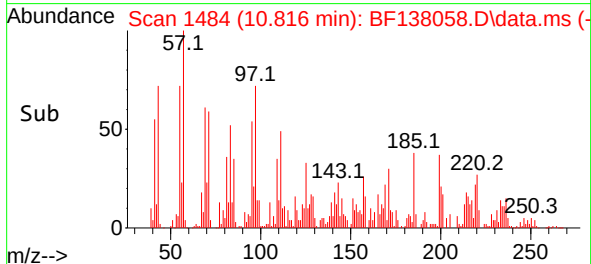
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



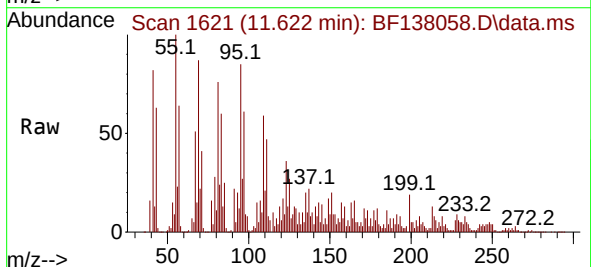
Tgt Ion: 77 Resp: 17208
Ion Ratio Lower Upper
77 100
182 11.5 9.2 49.2
105 81.5 3.1 43.1
51 19.6 6.7 46.7

Manual Integrations
APPROVED

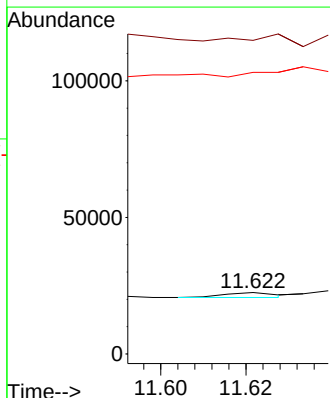
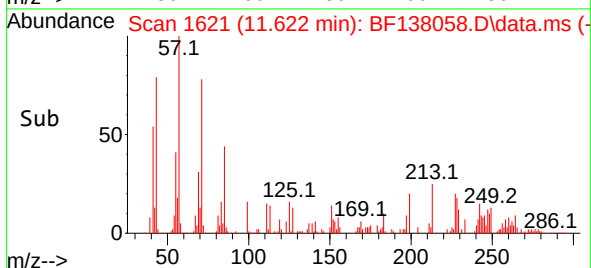
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

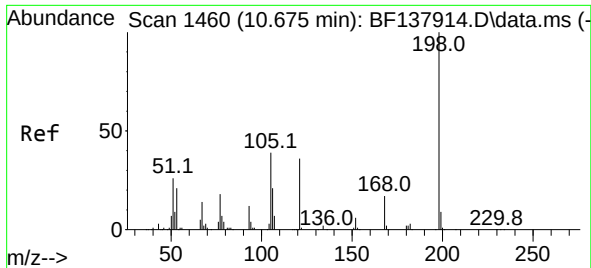


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.622 min Scan# 1621
Delta R.T. 0.041 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43



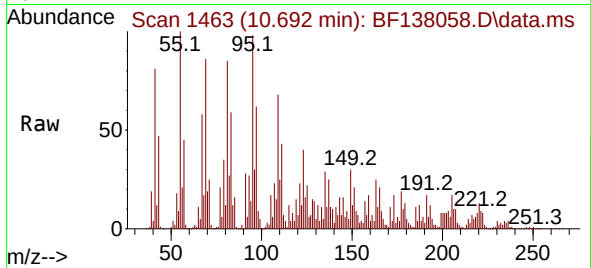
Tgt Ion:188 Resp: 1516
Ion Ratio Lower Upper
188 100
94 510.5 7.0 10.4#
80 458.3 7.7 11.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 570.288 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.017 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

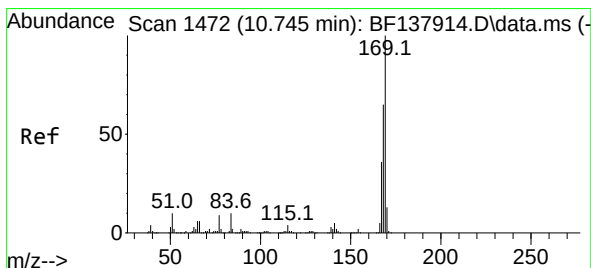
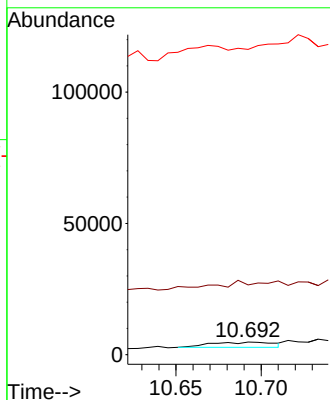
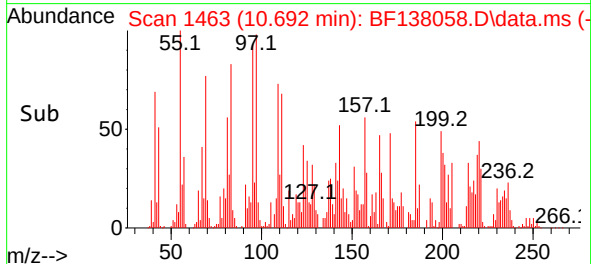
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



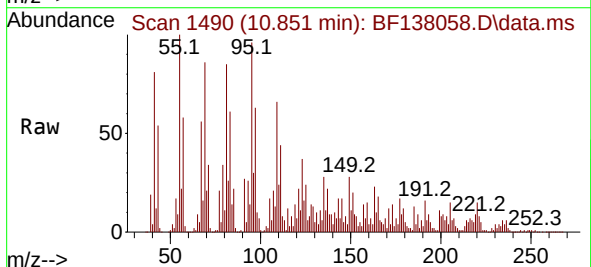
Tgt Ion:198 Resp: 4992
Ion Ratio Lower Upper
198 100
51 551.2 13.8 53.8
105 2412.5 19.0 59.0

Manual Integrations
APPROVED

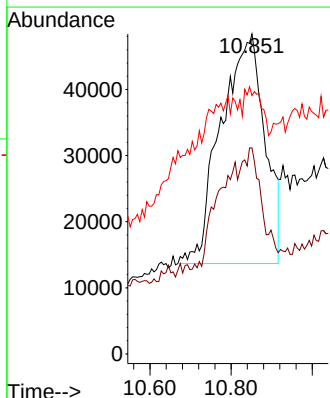
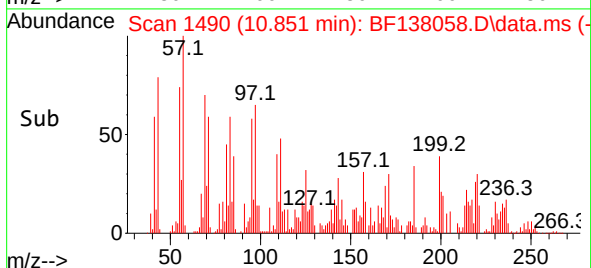
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

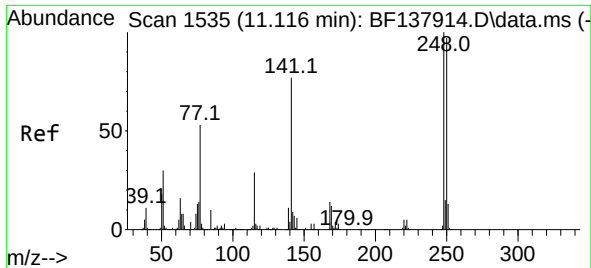


#66
n-Nitrosodiphenylamine
Concen: 5583.807 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.106 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43



Tgt Ion:169 Resp: 259597
Ion Ratio Lower Upper
169 100
168 64.4 52.4 78.6
167 80.7 28.9 43.3





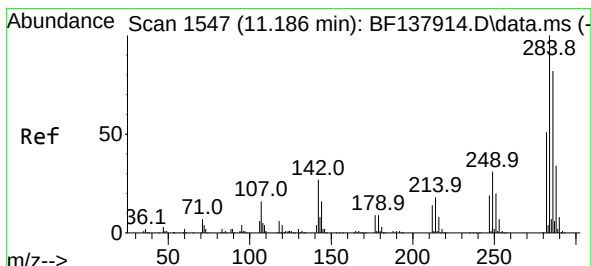
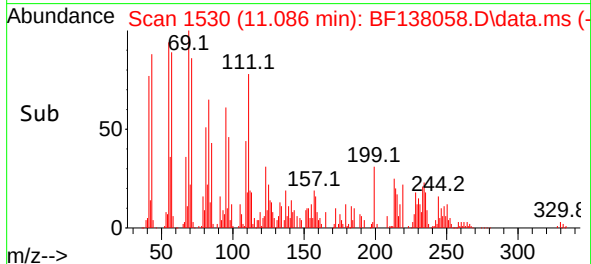
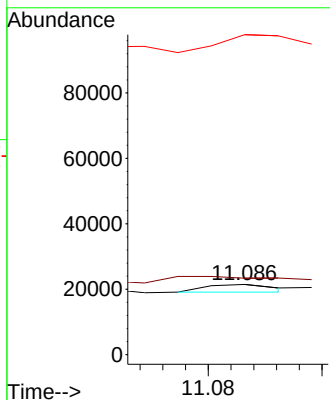
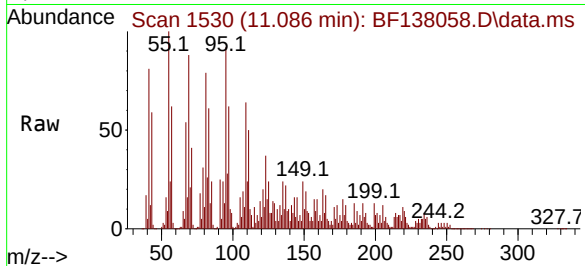
#67
4-Bromophenyl-phenylether
Concen: 119.316 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.029 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
EXPE2MS

Tgt Ion:248 Resp: 198
Ion Ratio Lower Upper
248 100
250 108.9 77.6 116.4
141 455.9 61.4 92.2

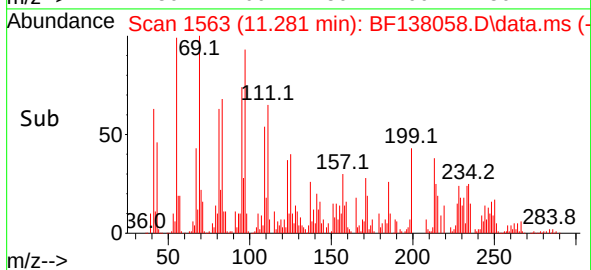
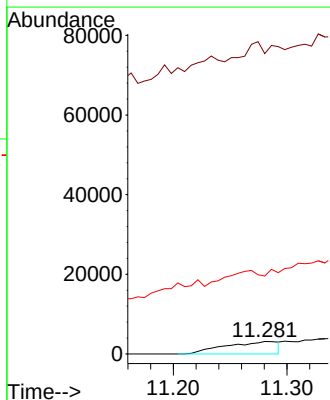
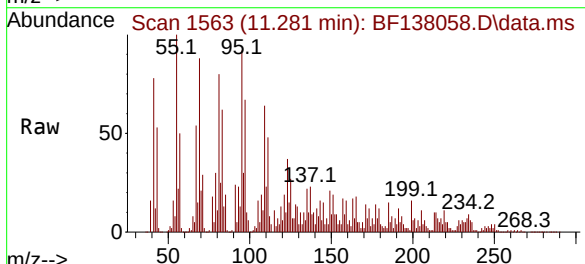
Manual Integrations
APPROVED

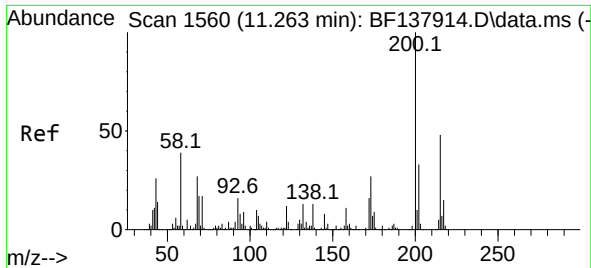
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#68
Hexachlorobenzene
Concen: 551.734 ng
RT: 11.281 min Scan# 1563
Delta R.T. 0.094 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:284 Resp: 10136
Ion Ratio Lower Upper
284 100
142 2400.0 21.3 31.9#
249 623.3 24.6 37.0#





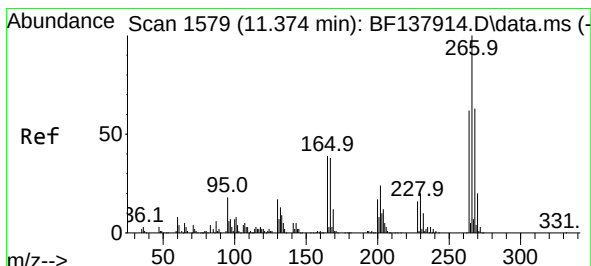
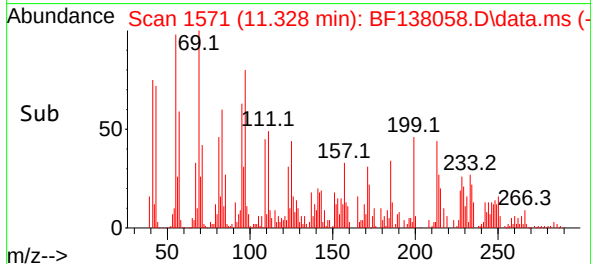
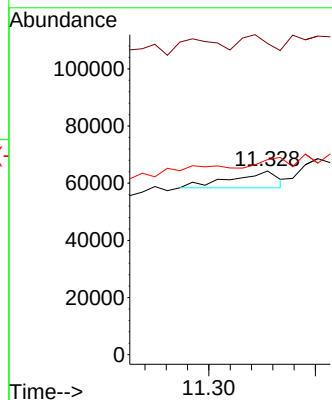
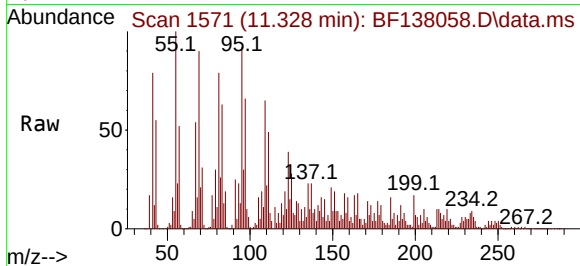
#69
Atrazine
Concen: 703.339 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.065 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
EXPE2MS

Tgt Ion:200 Resp: 8929
Ion Ratio Lower Upper
200 100
173 169.4 6.6 46.6
215 106.2 27.5 67.5

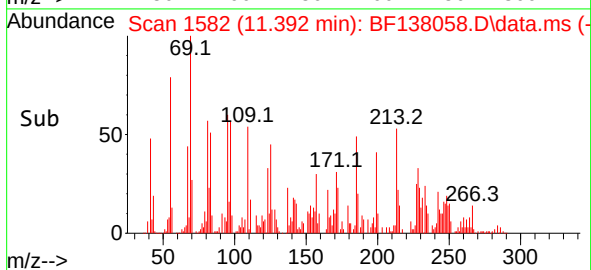
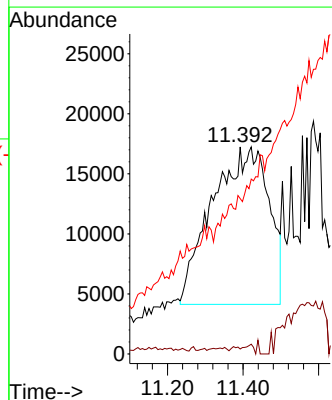
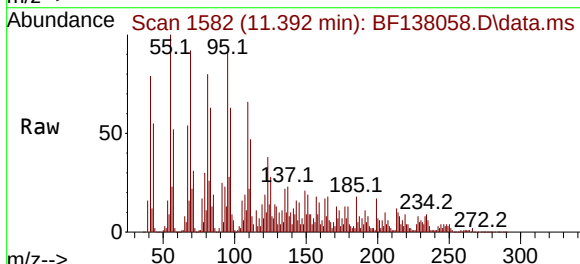
Manual Integrations
APPROVED

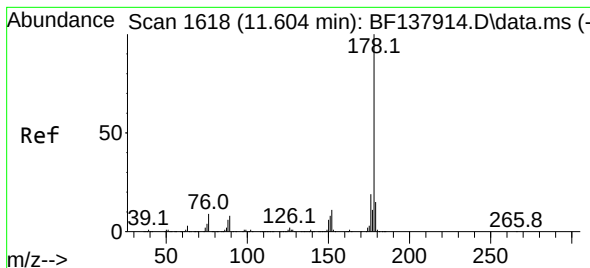
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#70
Pentachlorophenol
Concen: 12682.588 ng m
RT: 11.392 min Scan# 1582
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:266 Resp: 136480
Ion Ratio Lower Upper
266 100
268 2.4 50.1 75.1#
264 75.0 49.4 74.2#





#71

Phenanthrene

Concen: 1748.348 ng m

RT: 11.769 min Scan# 1

Delta R.T. 0.165 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

Tgt Ion:178 Resp: 130614

Ion Ratio Lower Upper

178 100

176 47.5 15.2 22.8

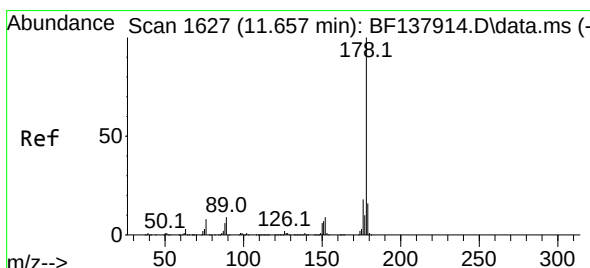
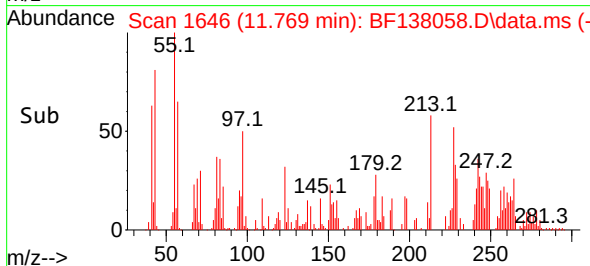
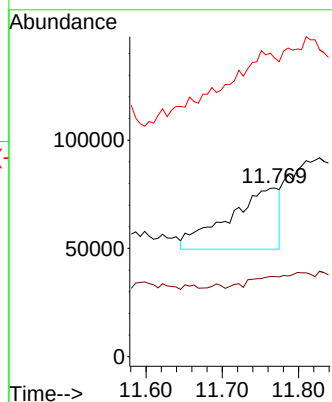
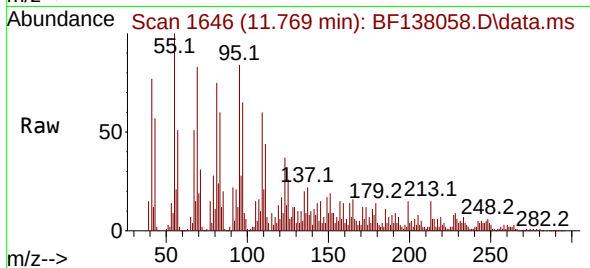
179 177.0 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#72

Anthracene

Concen: 3069.382 ng m

RT: 11.828 min Scan# 1656

Delta R.T. 0.171 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

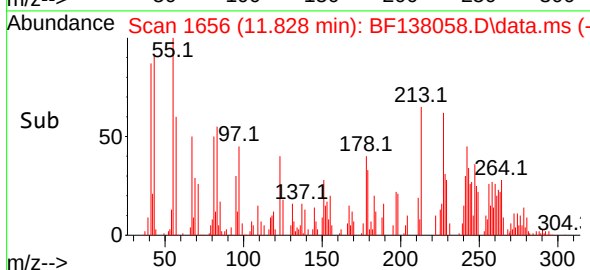
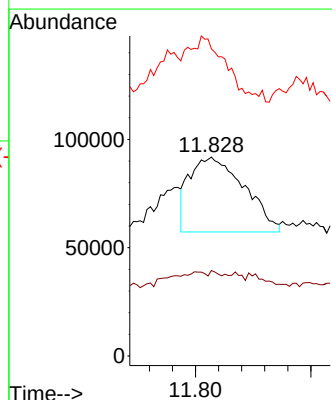
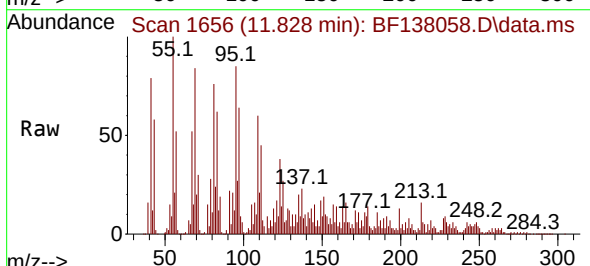
Tgt Ion:178 Resp: 227512

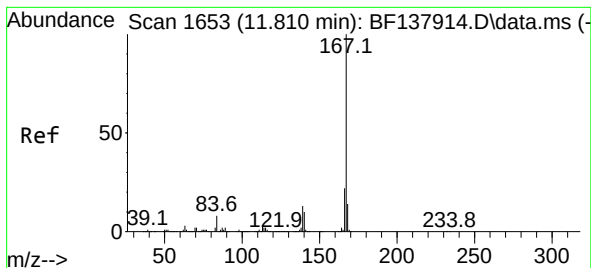
Ion Ratio Lower Upper

178 100

176 43.0 14.7 22.1#

179 154.4 12.4 18.6#





#73

Carbazole

Concen: 2361.535 ng m

RT: 11.975 min Scan# 1

Delta R.T. 0.165 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

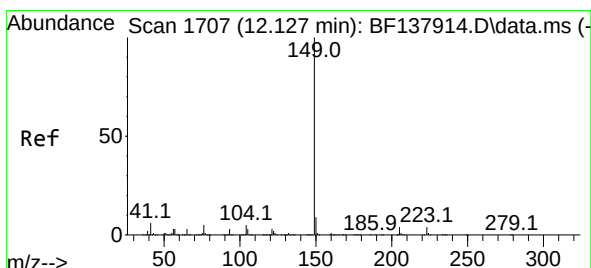
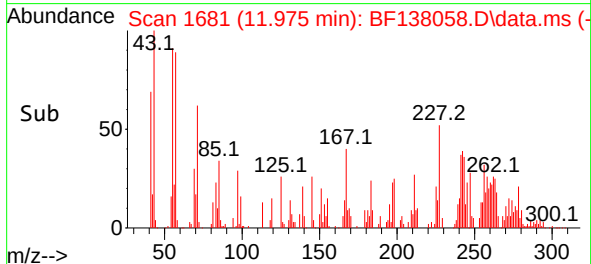
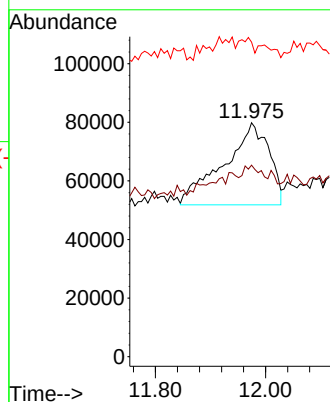
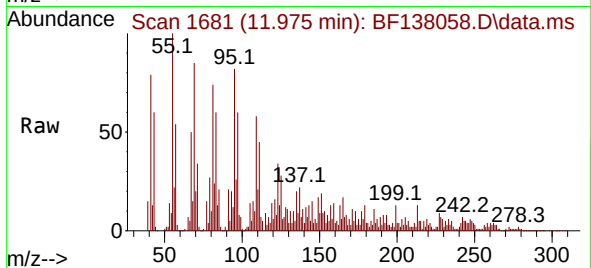
EXPE2MS

Tgt Ion:	167	Resp:	15990
Ion Ratio	Lower	Upper	
167	100		
166	81.9	17.3	25.9
139	134.5	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#74

Di-n-butylphthalate

Concen: 262.667 ng

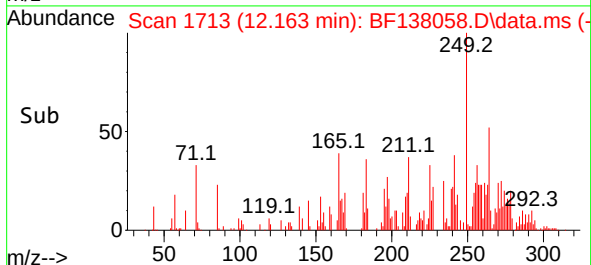
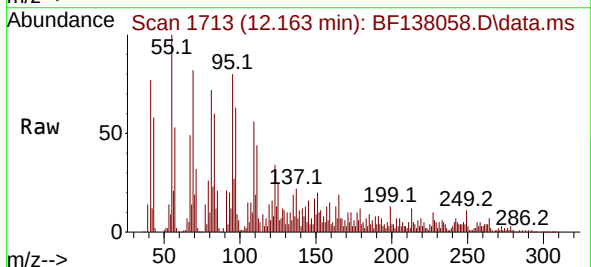
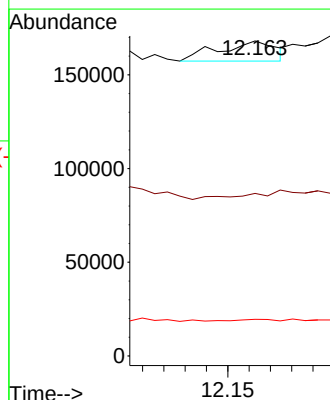
RT: 12.163 min Scan# 1713

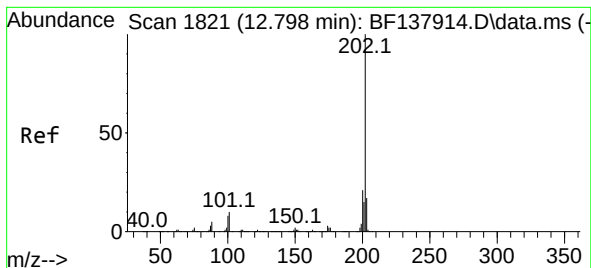
Delta R.T. 0.035 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

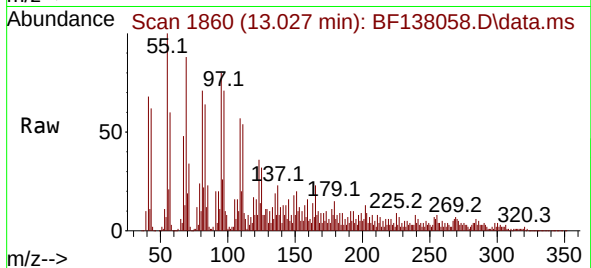
Tgt Ion:	149	Resp:	19738
Ion Ratio	Lower	Upper	
149	100		
150	51.6	7.4	11.2#
104	11.6	3.6	5.4#





#75
Fluoranthene
Concen: 2387.169 ng m
RT: 13.027 min Scan# 1860
Delta R.T. 0.230 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

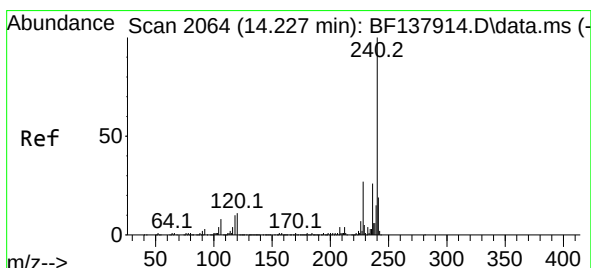
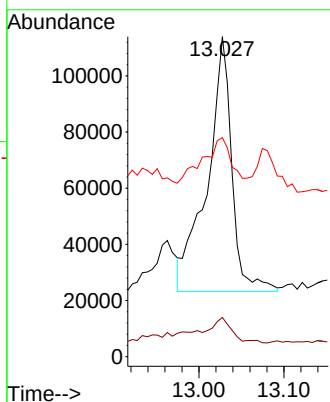
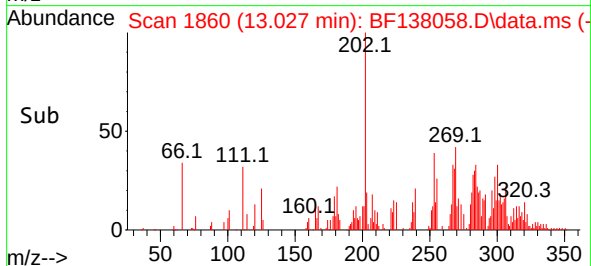
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:202 Resp: 18101
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.5
203 68.5 0.0 37.3

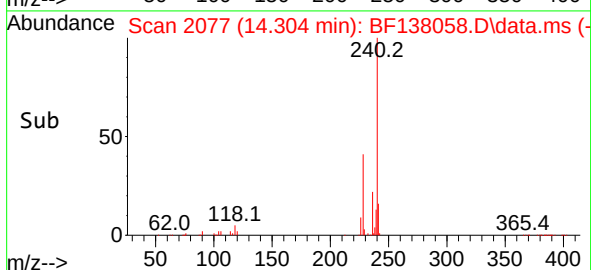
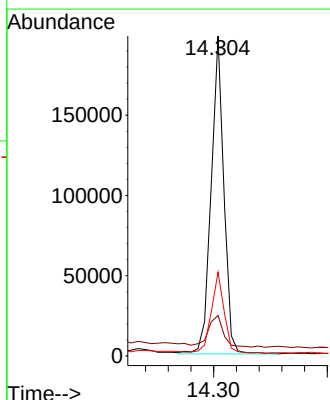
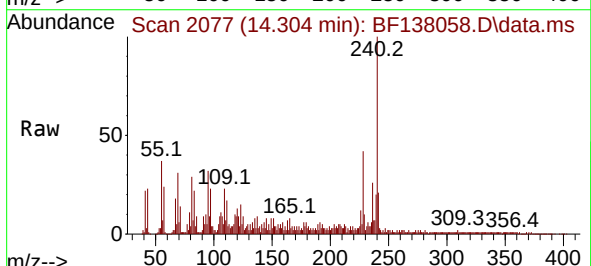
Manual Integrations
APPROVED

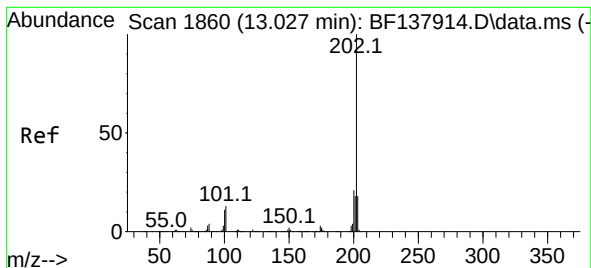
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.304 min Scan# 2077
Delta R.T. 0.077 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:240 Resp: 153629
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 26.2 21.0 31.4





#78

Pyrene

Concen: 17.591 ng m

RT: 13.245 min Scan# 1860

Delta R.T. 0.218 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

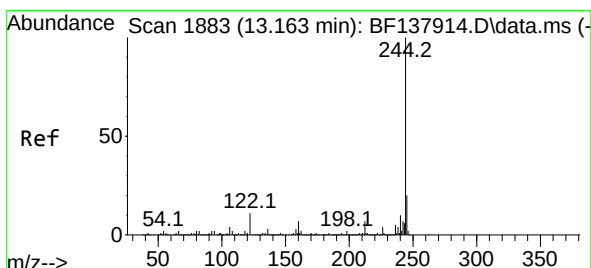
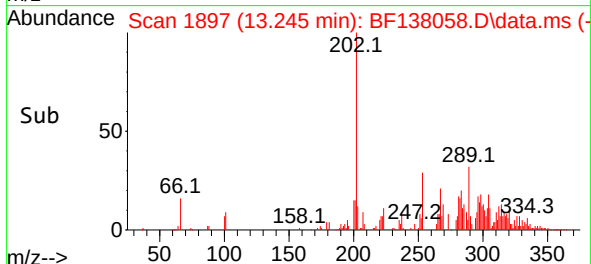
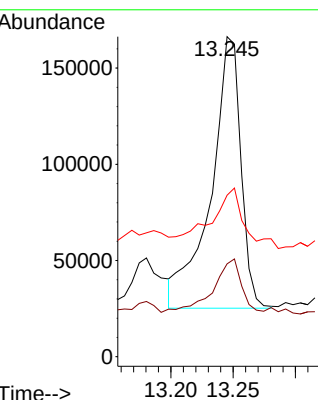
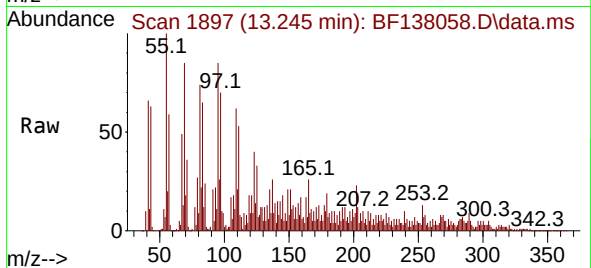
EXPE2MS

Tgt Ion:202 Resp: 236372
 Ion Ratio Lower Upper
 202 100
 200 29.0 17.0 25.4#
 203 50.4 14.1 21.1#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#79

Terphenyl-d14

Concen: 44.120 ng m

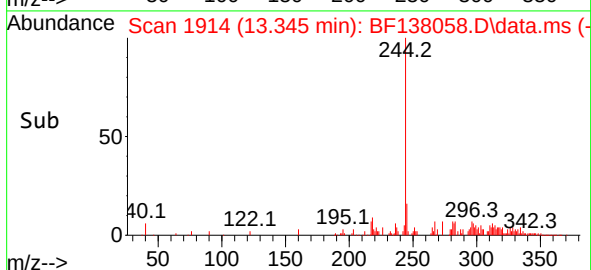
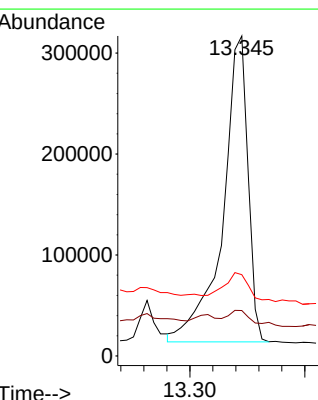
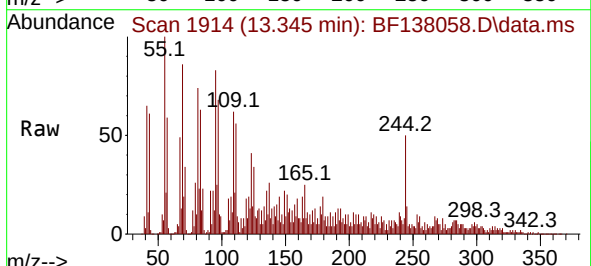
RT: 13.345 min Scan# 1914

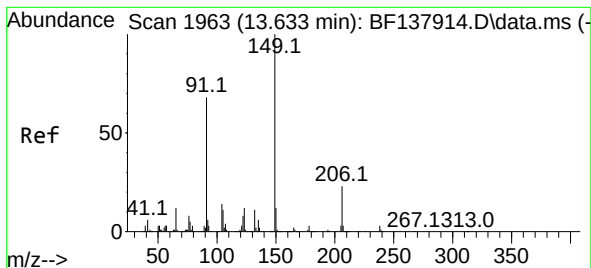
Delta R.T. 0.183 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Tgt Ion:244 Resp: 459911
 Ion Ratio Lower Upper
 244 100
 212 14.2 5.6 8.4#
 122 25.4 8.8 13.2#





#80

Butylbenzylphthalate

Concen: 75.381 ng

RT: 13.727 min Scan# 1963

Delta R.T. 0.094 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EXPE2MS

Tgt Ion:149 Resp: 305518

Ion Ratio Lower Upper

149 100

91 73.5 54.2 81.4

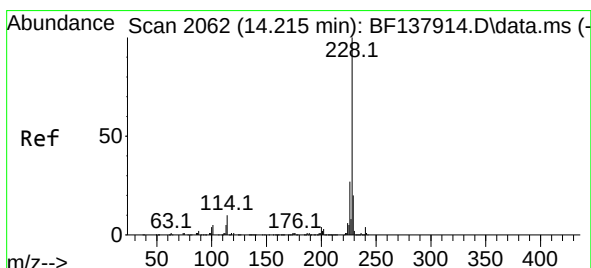
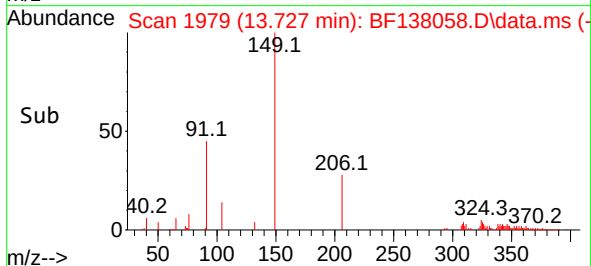
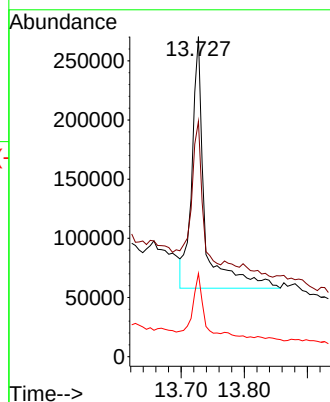
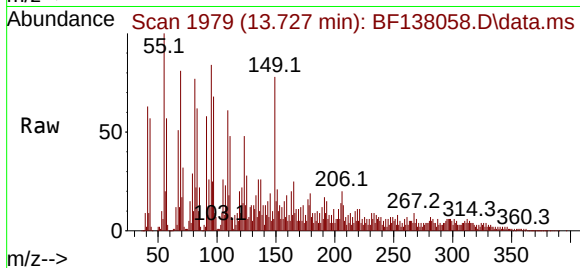
206 26.0 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#81

Benzo(a)anthracene

Concen: 46.327 ng

RT: 14.292 min Scan# 2075

Delta R.T. 0.077 min

Lab File: BF138058.D

Acq: 29 May 2024 14:43

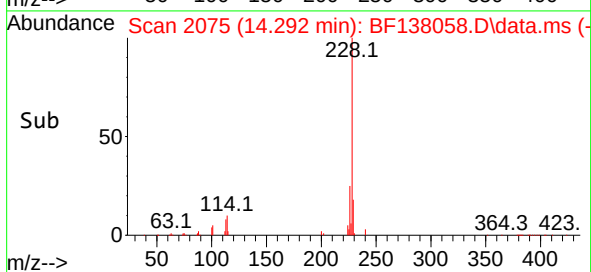
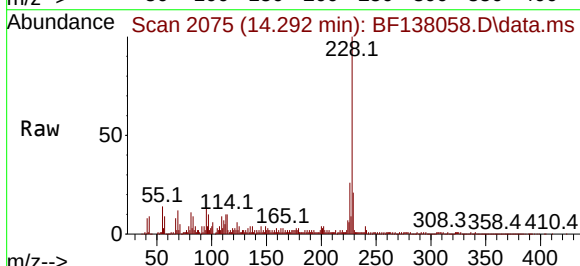
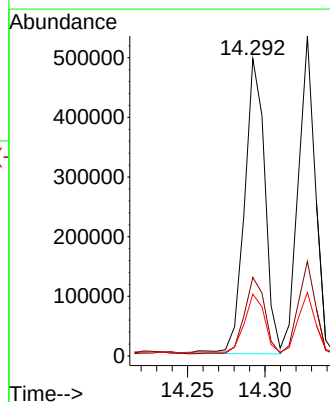
Tgt Ion:228 Resp: 450282

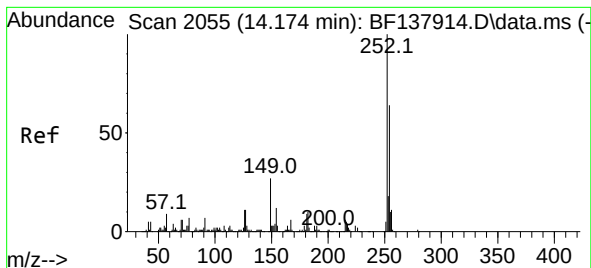
Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

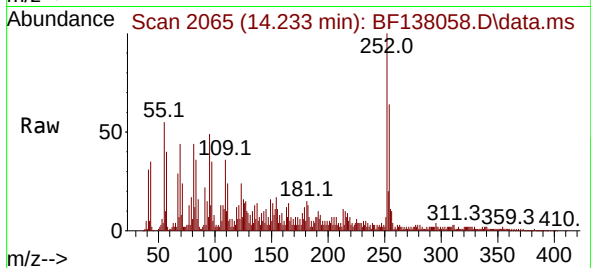
229 20.8 15.7 23.5





#82
3,3'-Dichlorobenzidine
Concen: 56.120 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.059 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

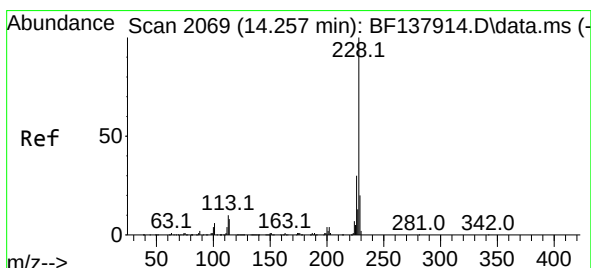
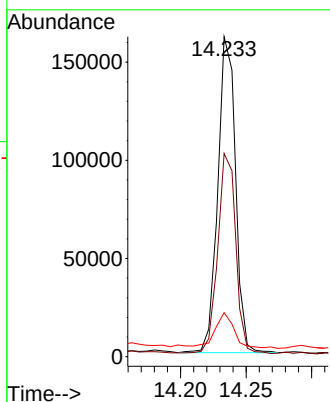
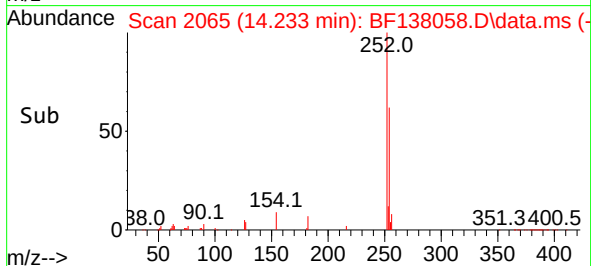
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:252 Resp: 15116
Ion Ratio Lower Upper
252 100
254 63.5 51.2 76.8
126 13.7 8.7 13.1

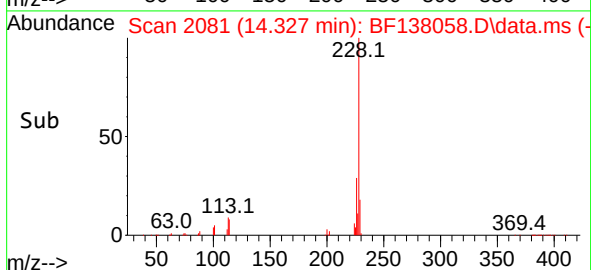
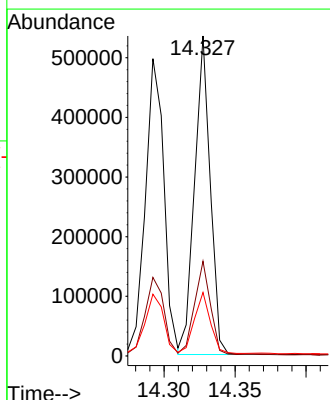
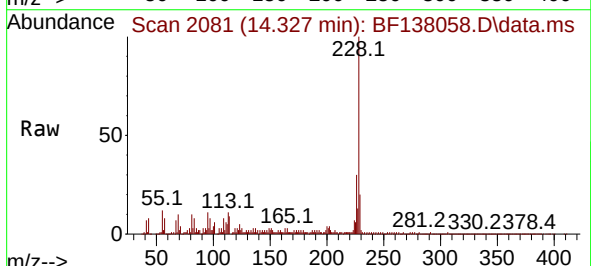
Manual Integrations
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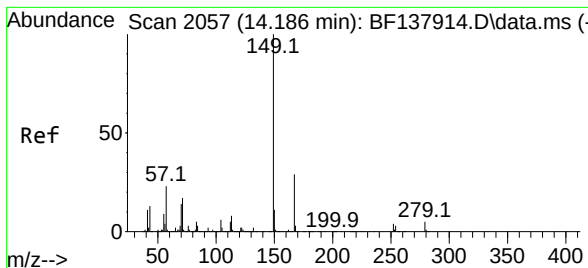
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#83
Chrysene
Concen: 44.083 ng
RT: 14.327 min Scan# 2081
Delta R.T. 0.071 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Tgt Ion:228 Resp: 409778
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.9 15.6 23.4





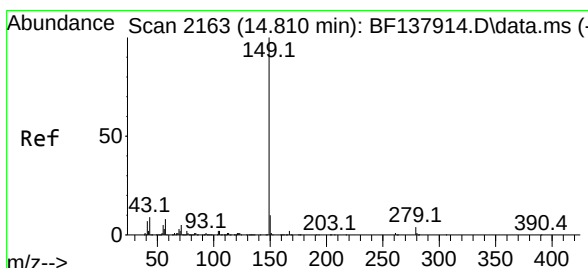
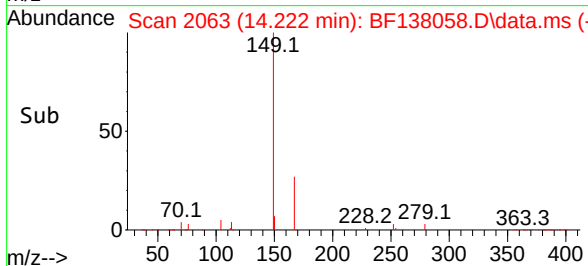
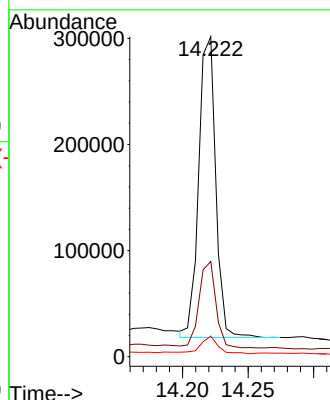
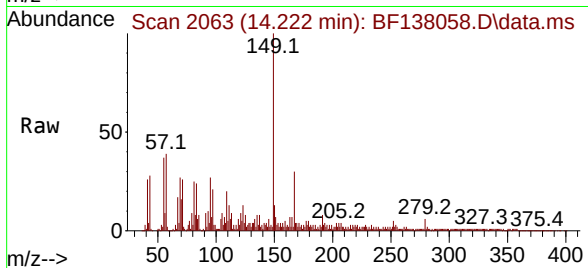
#84
Bis(2-ethylhexyl)phthalate
Concen: 50.302 ng
RT: 14.222 min Scan# 2057
Delta R.T. 0.035 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
EXPE2MS

Tgt Ion:149 Resp: 256279
Ion Ratio Lower Upper
149 100
167 29.7 23.2 34.8
279 6.4 4.1 6.1

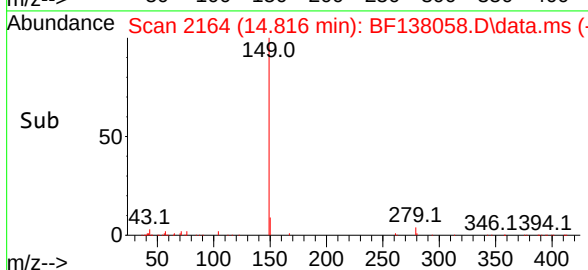
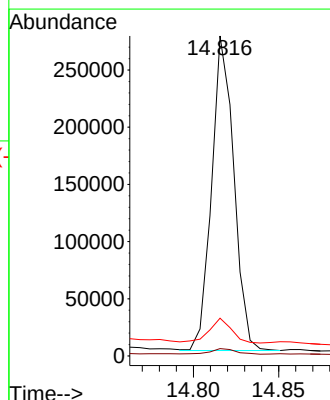
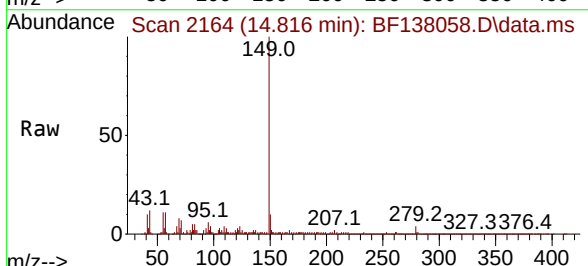
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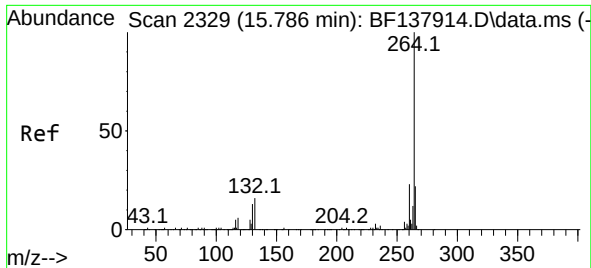
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#85
Di-n-octyl phthalate
Concen: 36.272 ng
RT: 14.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

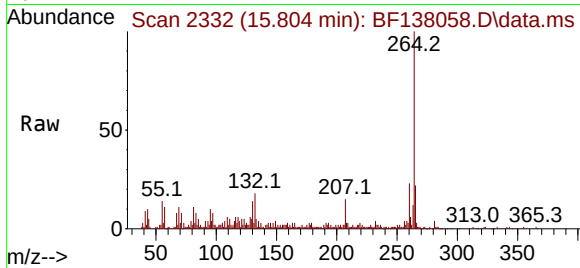
Tgt Ion:149 Resp: 249655
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.8 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.804 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

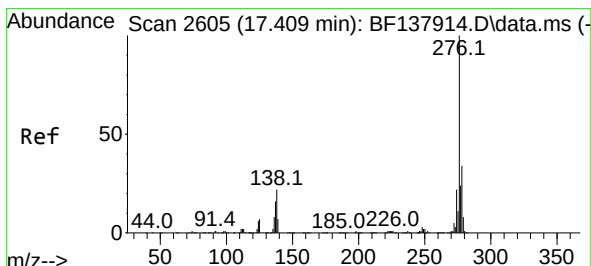
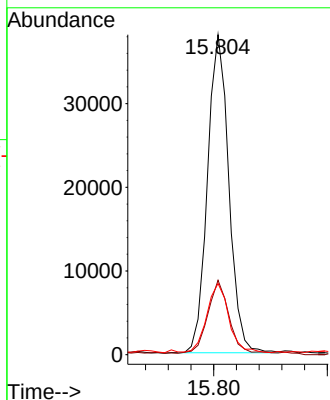
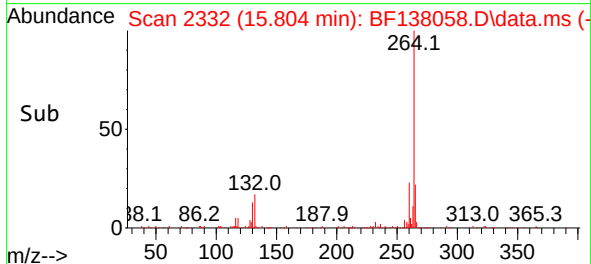
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:264 Resp: 49654
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 22.3 17.6 26.4

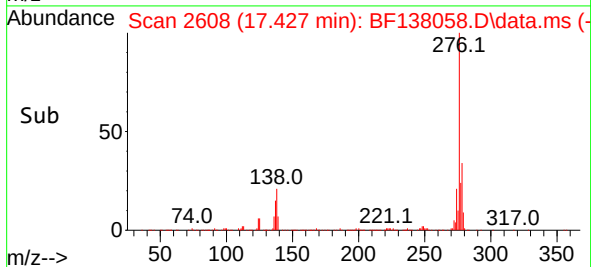
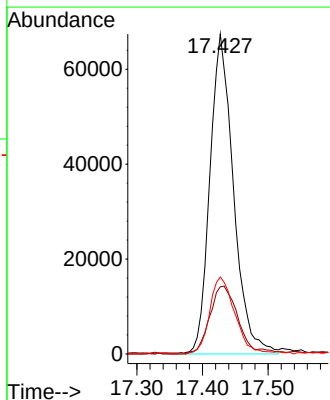
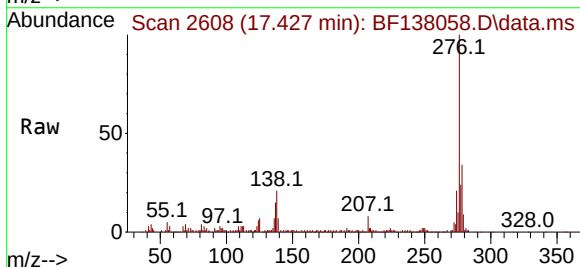
Manual Integrations
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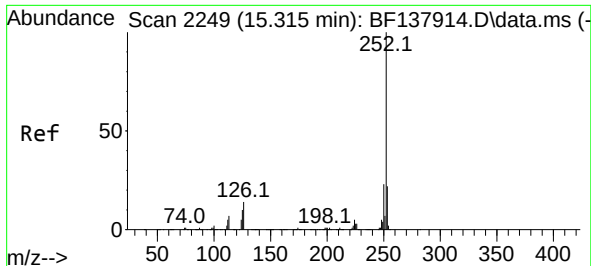
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 52.856 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

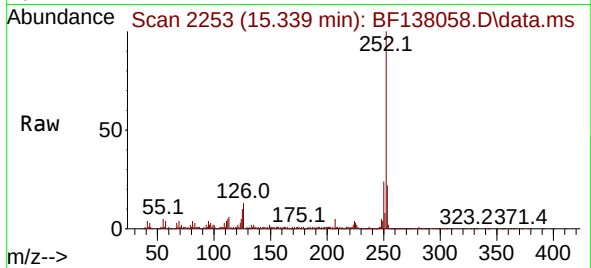
Tgt Ion:276 Resp: 168616
Ion Ratio Lower Upper
276 100
138 25.7 20.6 30.8
277 25.9 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 62.923 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

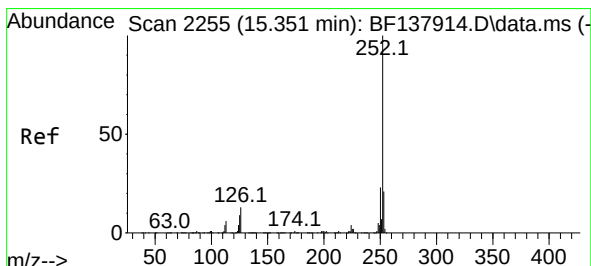
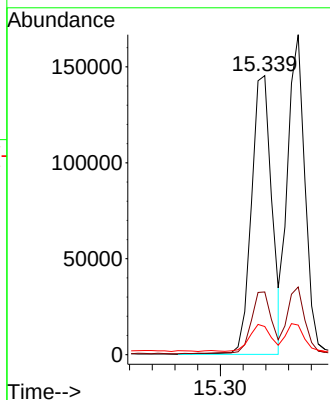
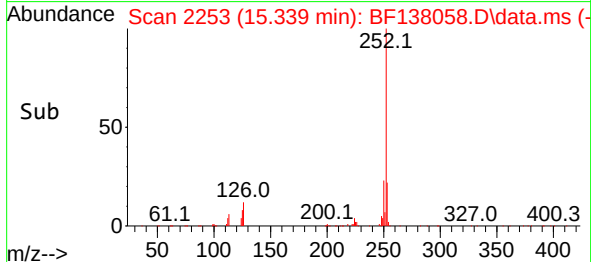
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:252 Resp: 18090
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.1 8.2 12.4

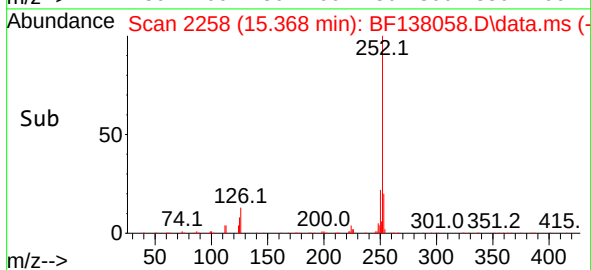
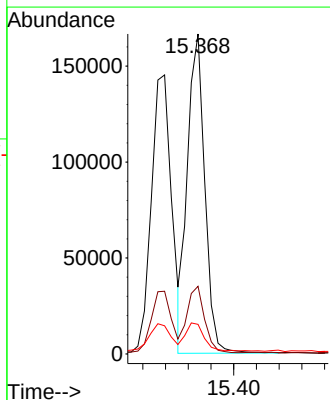
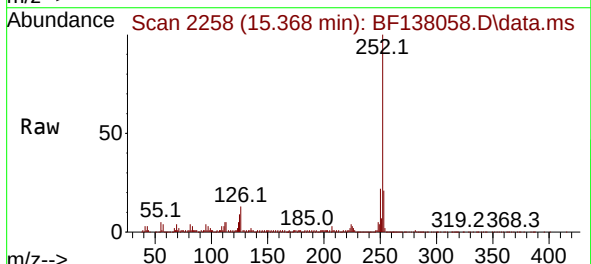
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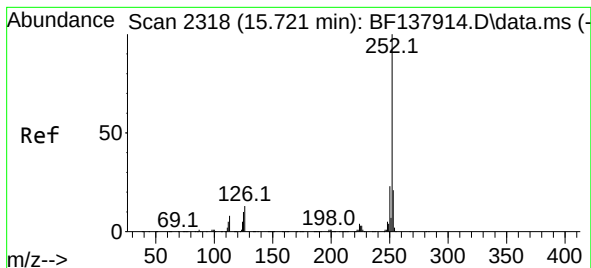
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#89
Benzo(k)fluoranthene
Concen: 62.621 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

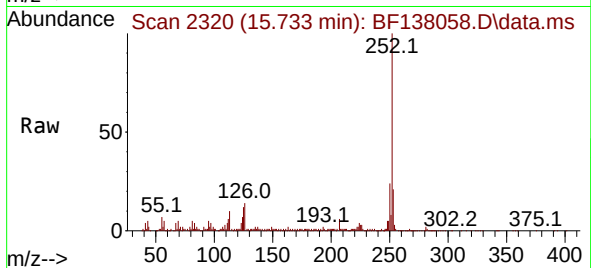
Tgt Ion:252 Resp: 176868
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 9.3 7.7 11.5





#90
Benzo(a)pyrene
Concen: 52.232 ng
RT: 15.733 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

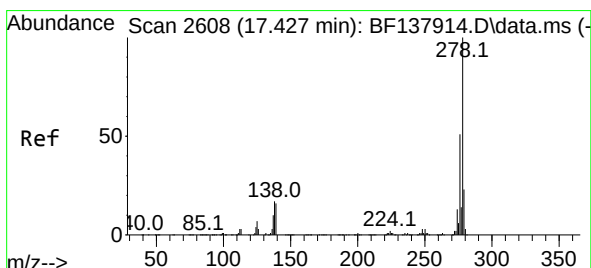
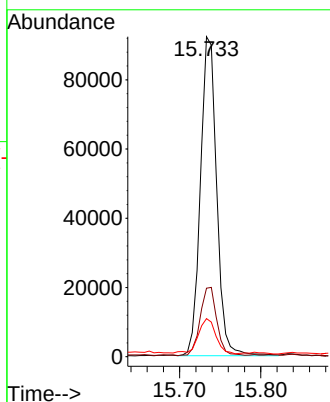
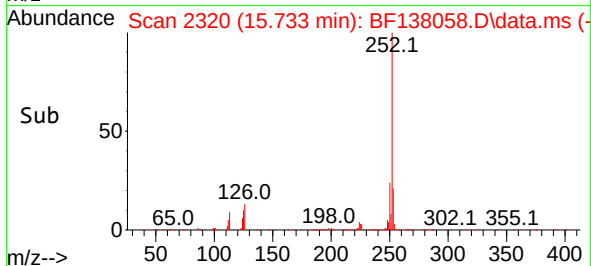
Instrument :
BNA_F
ClientSampleId :
EXPE2MS



Tgt Ion:252 Resp: 128228
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.9 7.8 11.8

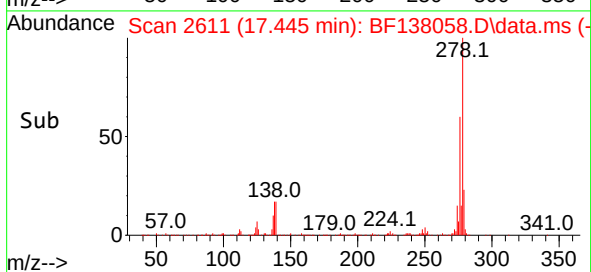
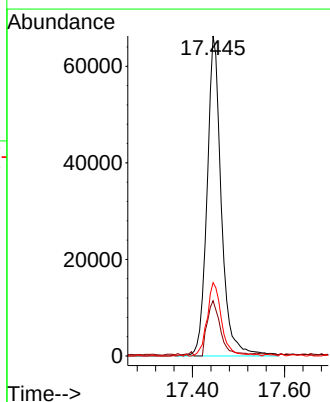
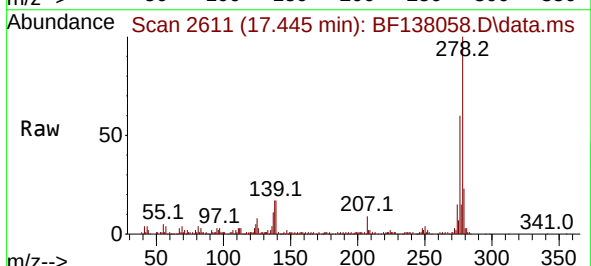
Manual Integrations
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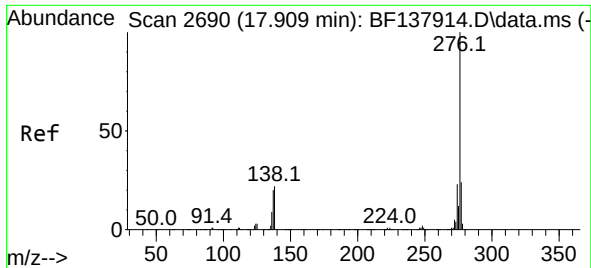
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#91
Dibenzo(a,h)anthracene
Concen: 54.373 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.018 min
Lab File: BF138058.D
Acq: 29 May 2024 14:43

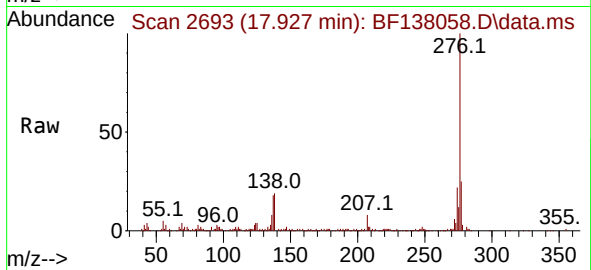
Tgt Ion:278 Resp: 143313
Ion Ratio Lower Upper
278 100
139 17.3 13.1 19.7
279 22.9 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 54.558 ng
 RT: 17.927 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF138058.D
 Acq: 29 May 2024 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS



Tgt Ion:276 Resp: 151062
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.9 28.3
 138 19.1 17.6 26.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

