

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138059.D
 Acq On : 29 May 2024 15:12
 Operator : CG\JU
 Sample : P2560-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MSD

Manual Integrations APPROVED

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

Quant Time: May 29 15:36:06 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	7.039	152	109088	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	377163	20.000	ng	# 0.00
39) Acenaphthene-d10	10.186	164	75963	20.000	ng	# 0.10
64) Phenanthrene-d10	11.633	188	2067	20.000	ng	# 0.05
76) Chrysene-d12	14.304	240	142475	20.000	ng	# 0.08
86) Perylene-d12	15.809	264	45965	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	650426	101.280	ng	-0.01
7) Phenol-d6	6.657	99	833822	105.401	ng	0.00
23) Nitrobenzene-d5	7.598	82	505938	78.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.945	330	34544	45.100	ng	0.06
45) 2-Fluorobiphenyl	9.457	172	830991m	168.509	ng	0.06
79) Terphenyl-d14	13.345	244	484173	50.084	ng	0.18
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	68930	24.776	ng	100
3) Pyridine	3.628	79	190249m	30.477	ng	
4) n-Nitrosodimethylamine	3.587	42	90474m	32.854	ng	
6) Aniline	6.698	93	211830m	29.937	ng	
8) 2-Chlorophenol	6.822	128	295715	42.549	ng	98
9) Benzaldehyde	6.587	77	36871	8.615	ng	92
10) Phenol	6.669	94	350128	43.848	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	253593	41.363	ng	97
12) 1,3-Dichlorobenzene	6.981	146	310412	38.603	ng	99
13) 1,4-Dichlorobenzene	7.057	146	313634	38.858	ng	99
14) 1,2-Dichlorobenzene	7.210	146	299232	39.391	ng	97
15) Benzyl Alcohol	7.175	79	228412	43.239	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.298	45	312005	41.400	ng	97
17) 2-Methylphenol	7.281	107	228839	41.288	ng	98
18) Hexachloroethane	7.551	117	108469	39.713	ng	96
19) n-Nitroso-di-n-propyla...	7.439	70	187453	42.176	ng	99
20) 3+4-Methylphenols	7.428	107	298712	41.139	ng	95
22) Acetophenone	7.445	105	403092	47.708	ng	99
24) Nitrobenzene	7.622	77	277204	42.637	ng	98
25) Isophorone	7.851	82	513058	46.126	ng	# 97
26) 2-Nitrophenol	7.934	139	150180	45.971	ng	94
27) 2,4-Dimethylphenol	7.963	122	207377	49.306	ng	94
28) bis(2-Chloroethoxy)met...	8.057	93	303177	44.973	ng	95
29) 2,4-Dichlorophenol	8.175	162	221901	41.955	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	246811	41.795	ng	99
31) Naphthalene	8.345	128	794578	41.900	ng	100
32) Benzoic acid	8.063	122	152313m	42.840	ng	
33) 4-Chloroaniline	8.386	127	159413	25.643	ng	95
34) Hexachlorobutadiene	8.457	225	151955	40.654	ng	98
35) Caprolactam	8.798	113	90696m	59.189	ng	
36) 4-Chloro-3-methylphenol	8.886	107	250611	46.579	ng	# 74
37) 2-Methylnaphthalene	9.051	142	397756	32.630	ng	99
38) 1-Methylnaphthalene	9.133	142	451293	37.658	ng	99
40) 1,2,4,5-Tetrachloroben...	9.210	216	201885	97.758	ng	# 88
41) Hexachlorocyclopentadiene	9.204	237	105690	134.688	ng	97
43) 2,4,6-Trichlorophenol	9.375	196	214094m	158.114	ng	

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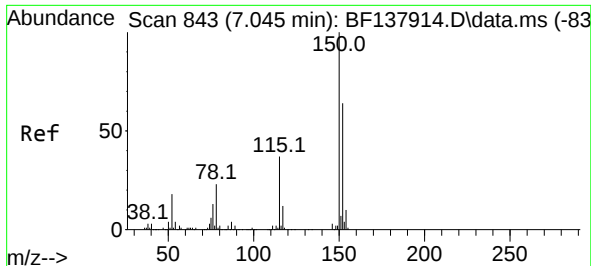
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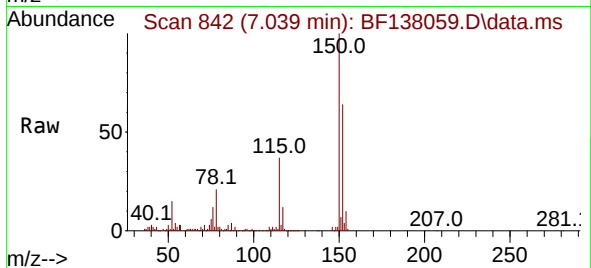
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.375	196	242363	163.584	ng	#	1
46) 1,1'-Biphenyl	9.539	154	459038m	86.157	ng		
47) 2-Chloronaphthalene	9.545	162	367028m	86.296	ng		
48) 2-Nitroaniline	9.657	65	107386	98.599	ng	#	79
49) Acenaphthylene	10.033	152	445211m	72.801	ng		
50) Dimethylphthalate	9.839	163	570879	119.845	ng	#	42
51) 2,6-Dinitrotoluene	9.963	165	4465	4.084	ng	#	46
52) Acenaphthene	10.210	154	209815	51.909	ng	#	48
53) 3-Nitroaniline	10.069	138	76375m	71.458	ng		
54) 2,4-Dinitrophenol	10.210	184	26575	48.043	ng	#	1
55) Dibenzofuran	10.392	168	316944m	53.880	ng		
56) 4-Nitrophenol	10.239	139	97300	126.751	ng	#	1
57) 2,4-Dinitrotoluene	10.327	165	42651	30.177	ng	#	53
58) Fluorene	10.757	166	268893m	57.792	ng		
59) 2,3,4,6-Tetrachlorophenol	10.463	232	189189	162.547	ng	#	40
60) Diethylphthalate	10.563	149	259494	58.329	ng	#	37
62) 4-Nitroaniline	10.686	138	66055m	65.160	ng		
63) Azobenzene	10.916	77	62590	15.467	ng	#	47
65) 4,6-Dinitro-2-methylph...	10.769	198	49403	4139.347	ng	#	1
66) n-Nitrosodiphenylamine	10.833	169	240466	3793.527	ng	#	74
67) 4-Bromophenyl-phenylether	11.222	248	40753	1798.440	ng	#	1
68) Hexachlorobenzene	11.298	284	14532	580.160	ng	#	1
69) Atrazine	11.345	200	70512	4073.652	ng	#	1
70) Pentachlorophenol	11.398	266	144385m	9840.557	ng		
71) Phenanthrene	11.786	178	150117m	1473.760	ng		
72) Anthracene	11.816	178	210929m	2087.092	ng		
73) Carbazole	11.957	167	107876m	1168.488	ng		
74) Di-n-butylphthalate	12.174	149	16012	156.281	ng	#	22
75) Fluoranthene	13.021	202	163807m	1584.364	ng		
78) Pyrene	13.245	202	270309m	21.692	ng		
80) Butylbenzylphthalate	13.733	149	239086	63.608	ng		95
81) Benzo(a)anthracene	14.298	228	390643	43.338	ng		100
82) 3,3'-Dichlorobenzidine	14.239	252	143133	57.299	ng		99
83) Chrysene	14.327	228	364651	42.300	ng		99
84) Bis(2-ethylhexyl)phtha...	14.221	149	232476	49.202	ng		99
85) Di-n-octyl phthalate	14.821	149	222997	34.935	ng		98
87) Indeno(1,2,3-cd)pyrene	17.433	276	131574	44.554	ng		99
88) Benzo(b)fluoranthene	15.339	252	165361	62.133	ng		100
89) Benzo(k)fluoranthene	15.368	252	146195	55.916	ng		98
90) Benzo(a)pyrene	15.739	252	109508	48.187	ng	#	97
91) Dibenzo(a,h)anthracene	17.451	278	110846	45.430	ng		98
92) Benzo(g,h,i)perylene	17.927	276	117289	45.760	ng		99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

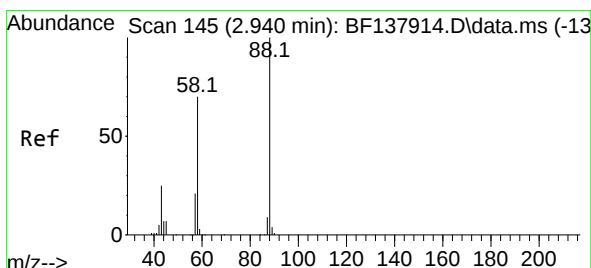
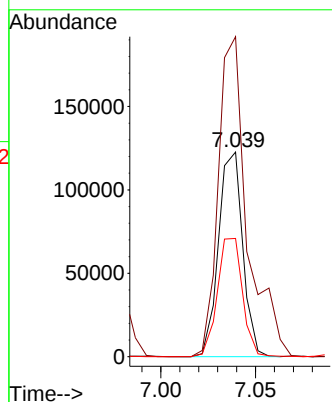
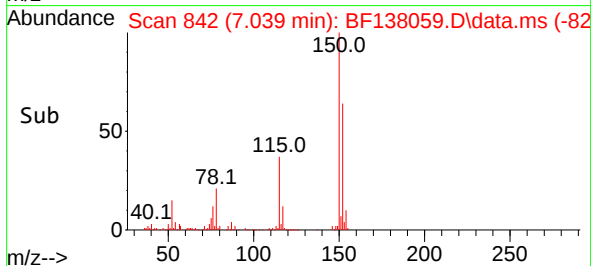
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



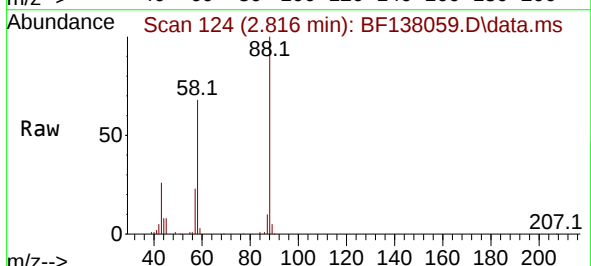
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Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 57.8 47.0 70.6

Manual Integrations
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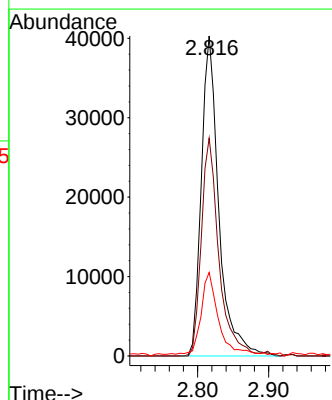
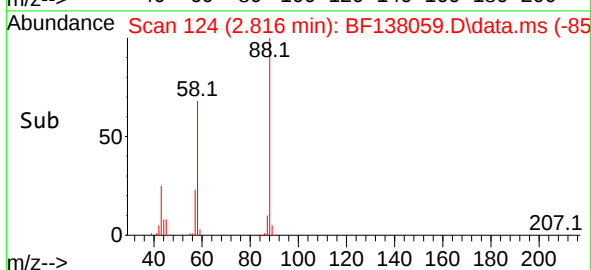
Reviewed By :Jagrut Upadhyay 05/30/2024
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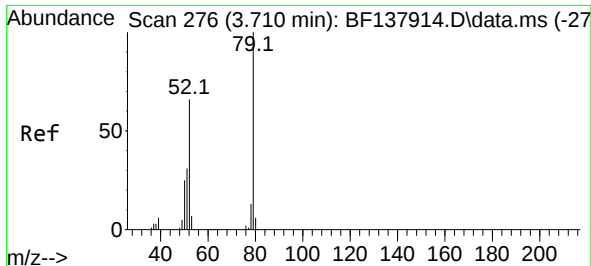


#2
1,4-Dioxane
Concen: 24.776 ng
RT: 2.816 min Scan# 124
Delta R.T. -0.123 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion: 88 Resp: 68930
Ion Ratio Lower Upper
88 100
58 68.2 54.4 81.6
43 25.1 19.6 29.4





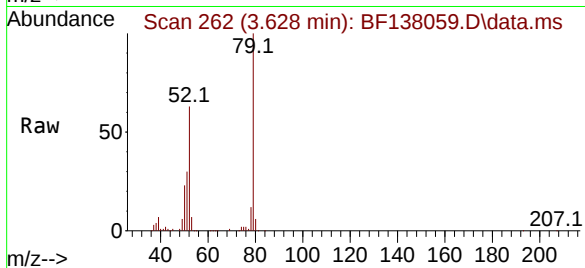
#3
Pyridine
Concen: 30.477 ng m
RT: 3.628 min Scan# 20
Delta R.T. -0.082 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

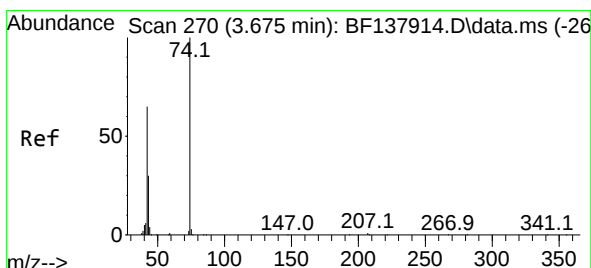
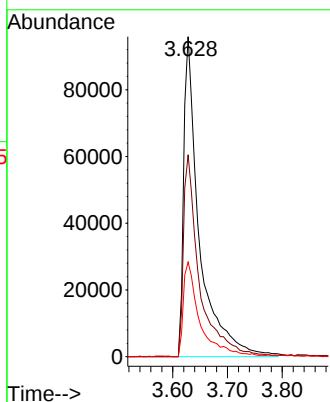
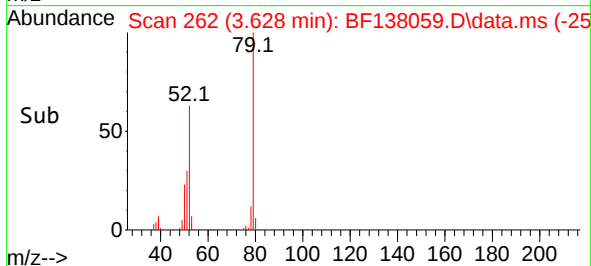


Tgt Ion: 79 Resp: 190249
Ion Ratio Lower Upper
79 100
52 63.1 52.5 78.7
51 29.6 25.1 37.7

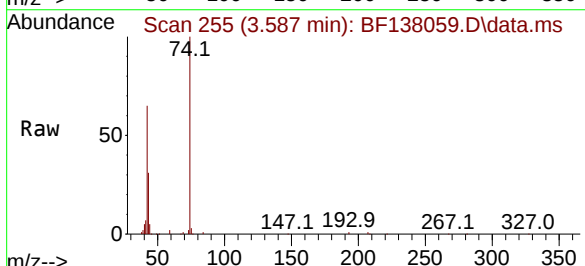
Manual Integrations

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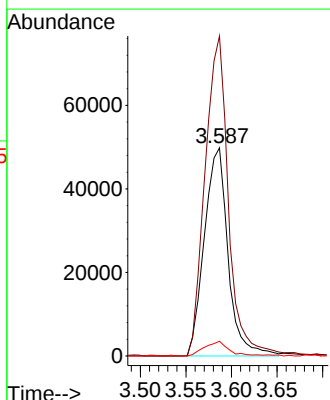
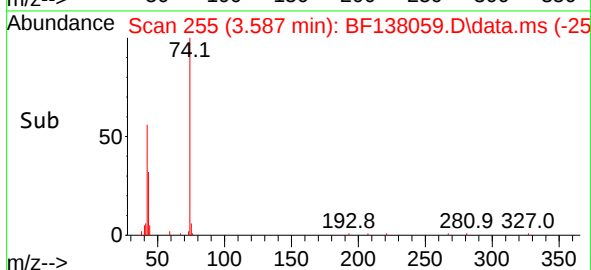
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

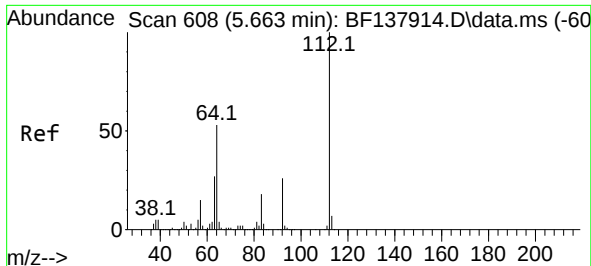


#4
n-Nitrosodimethylamine
Concen: 32.854 ng m
RT: 3.587 min Scan# 255
Delta R.T. -0.088 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion: 42 Resp: 90474
Ion Ratio Lower Upper
42 100
74 153.7 123.1 184.7
44 7.1 5.0 7.6





#5
2-Fluorophenol
Concen: 101.280 ng
RT: 5.651 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

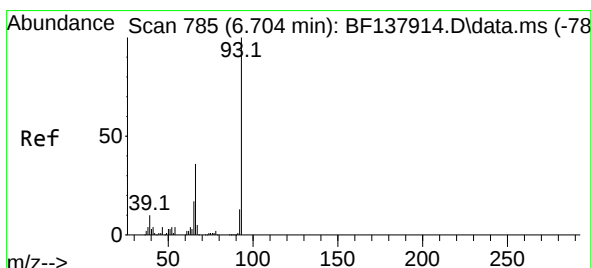
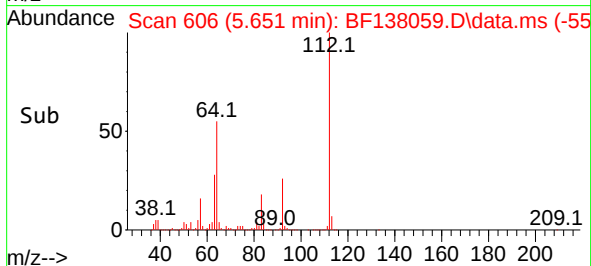
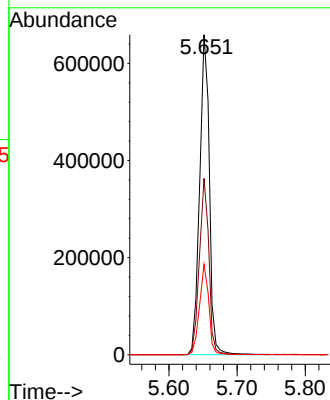
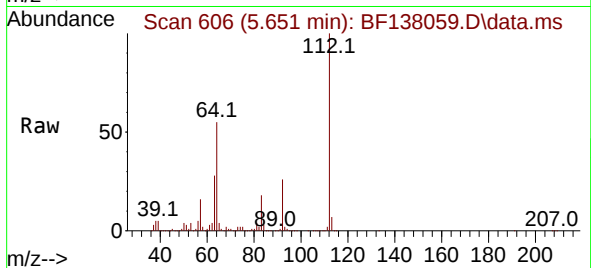
EXPE2MSD

Tgt Ion:112 Resp: 650420
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.2 21.4 32.2

Manual Integrations

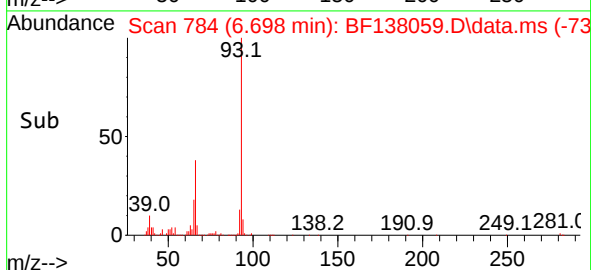
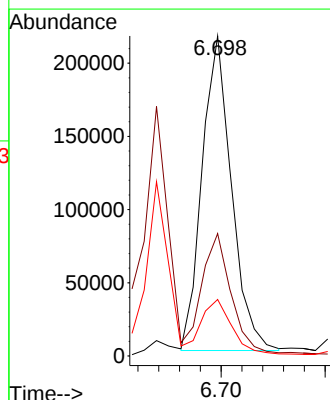
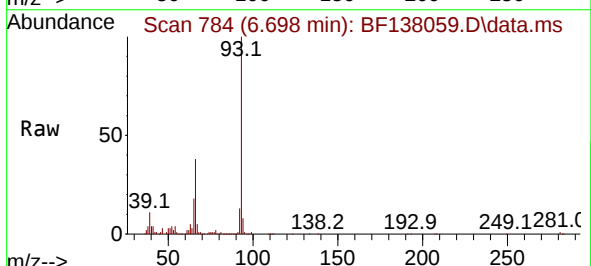
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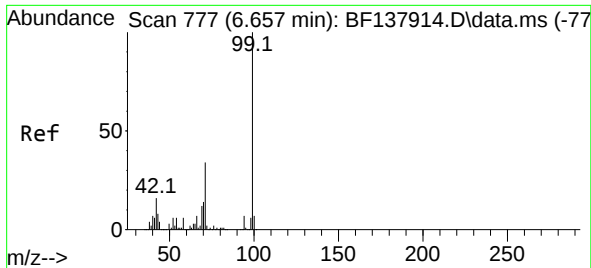
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#6
Aniline
Concen: 29.937 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

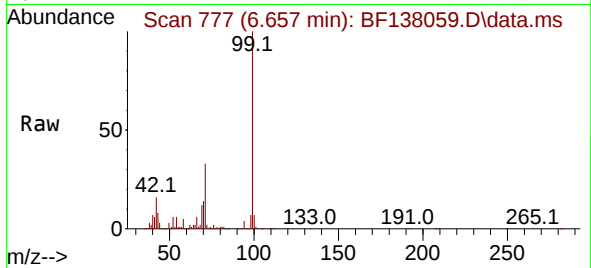
Tgt Ion: 93 Resp: 211830
Ion Ratio Lower Upper
93 100
66 38.2 30.7 46.1
65 17.7 15.0 22.4





#7
Phenol-d6
Concen: 105.401 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

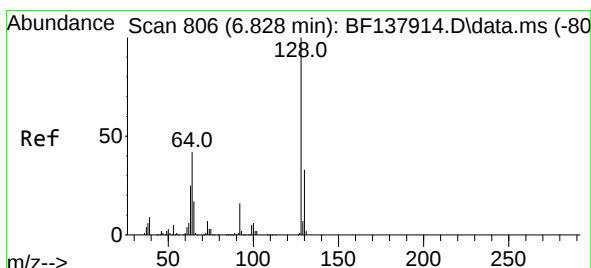
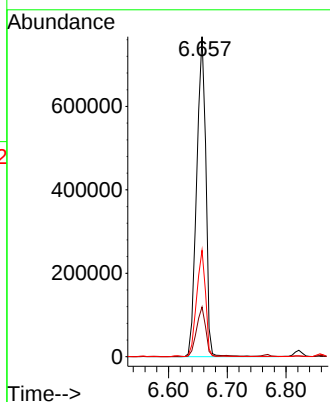
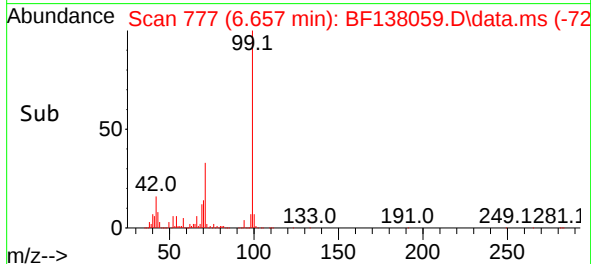
Instrument :
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Tgt Ion: 99 Resp: 83382
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.2 27.1 40.7

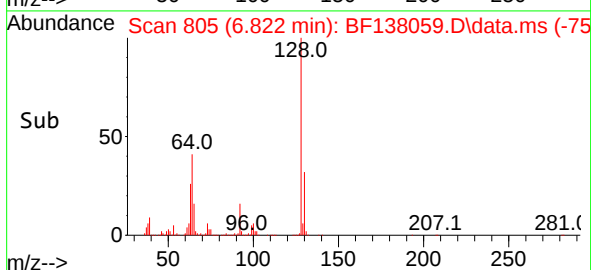
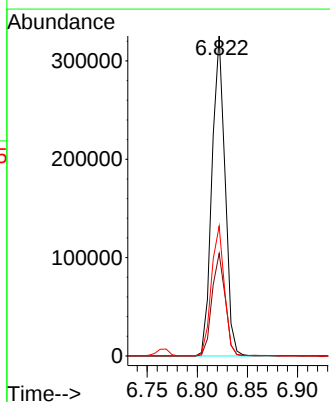
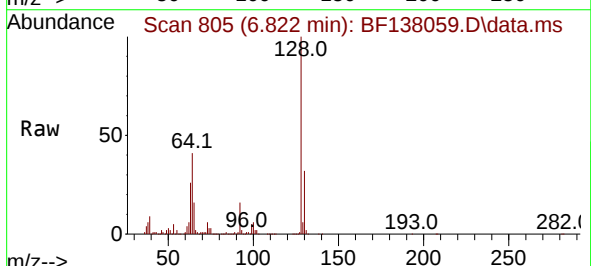
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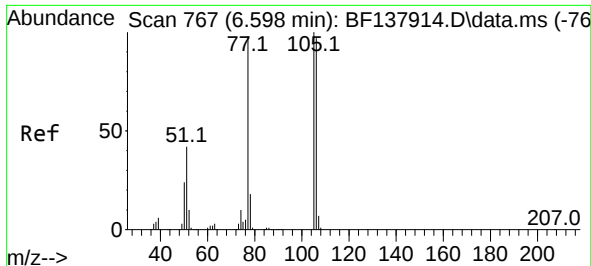
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#8
2-Chlorophenol
Concen: 42.549 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:128 Resp: 295715
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 40.6 22.2 62.2





#9
Benzaldehyde
Concen: 8.615 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

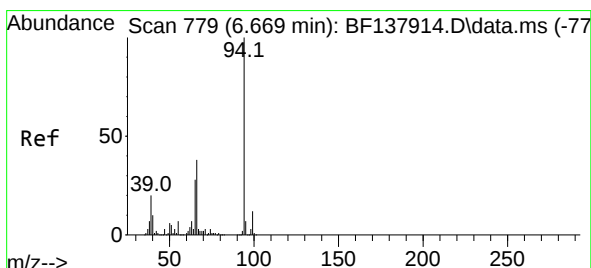
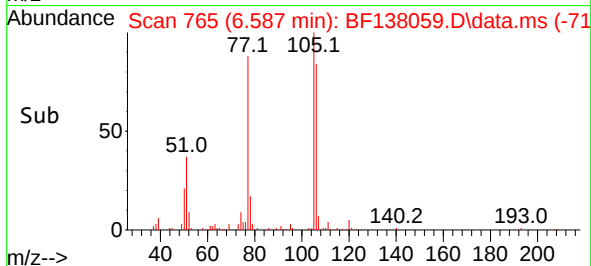
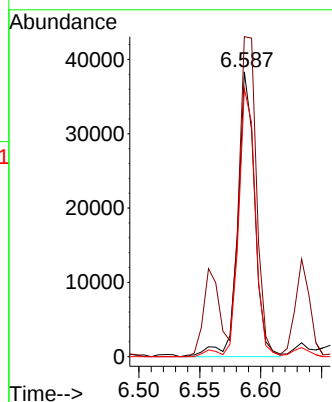
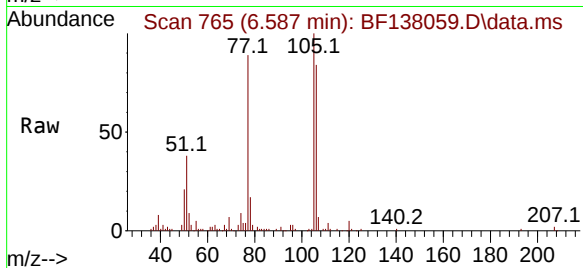
EXPE2MSD

Tgt Ion: 77 Resp: 3687
Ion Ratio Lower Upper
77 100
105 112.4 82.3 122.3
106 94.1 79.2 119.2

Manual Integrations

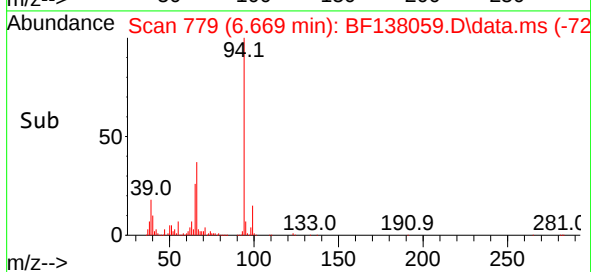
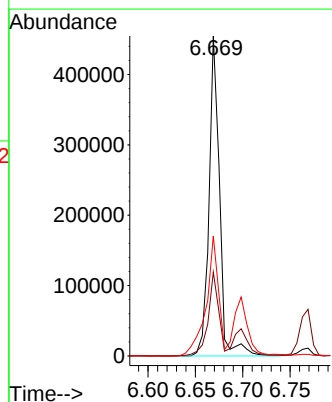
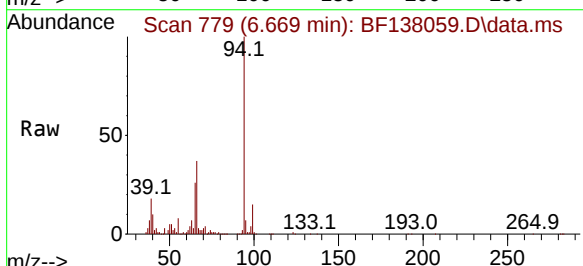
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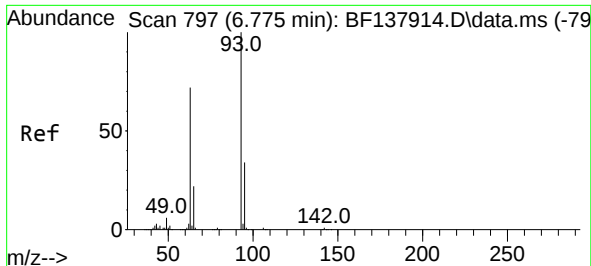
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#10
Phenol
Concen: 43.848 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion: 94 Resp: 350128
Ion Ratio Lower Upper
94 100
65 26.2 7.8 47.8
66 37.5 18.6 58.6





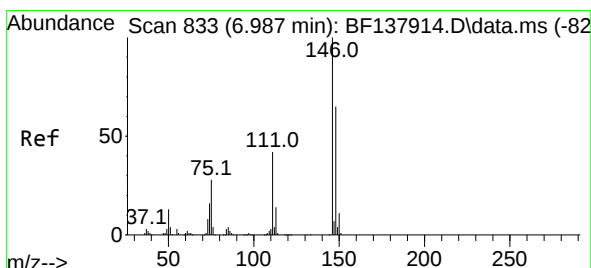
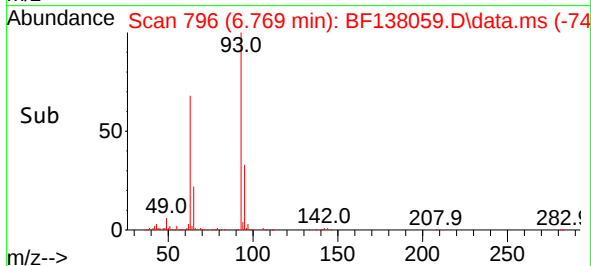
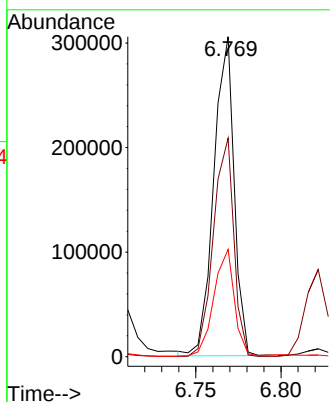
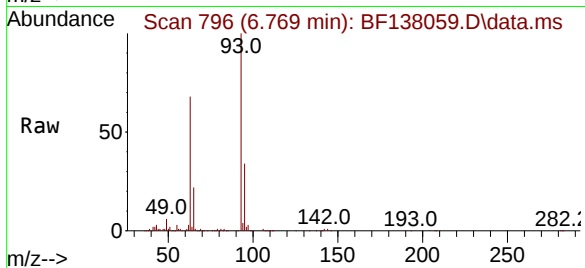
#11
bis(2-Chloroethyl)ether
Concen: 41.363 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

Tgt Ion: 93 Resp: 25359
Ion Ratio Lower Upper
93 100
63 68.3 51.4 91.4
95 33.5 13.5 53.5

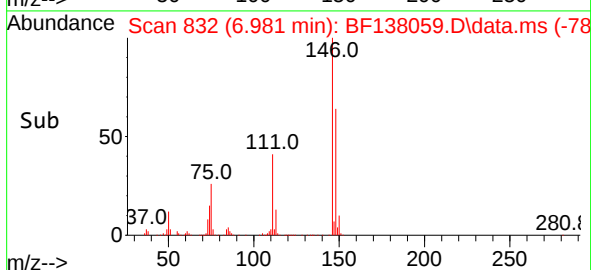
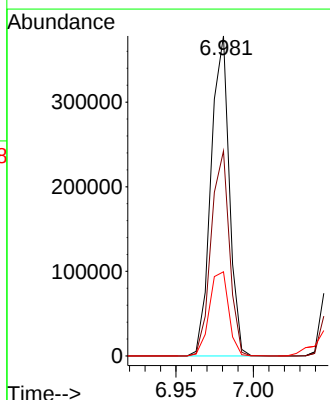
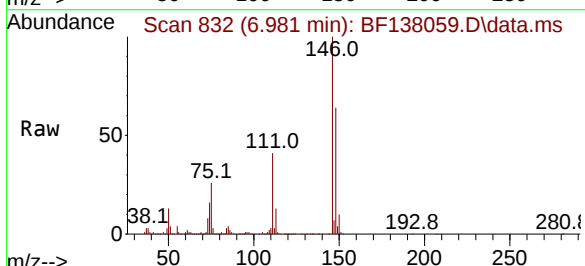
Manual Integrations
APPROVED

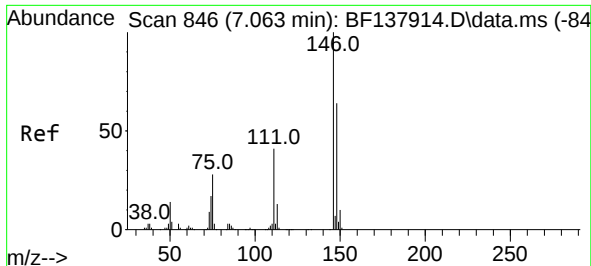
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#12
1,3-Dichlorobenzene
Concen: 38.603 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:146 Resp: 310412
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
75 26.3 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 38.858 ng

RT: 7.057 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

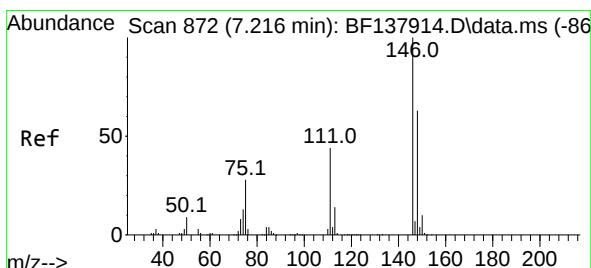
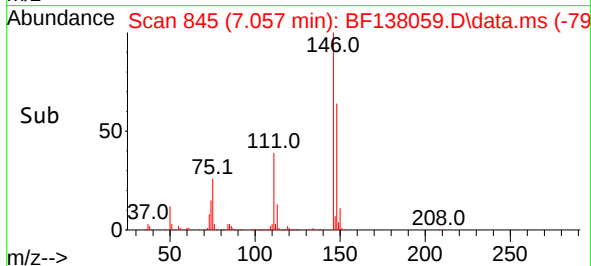
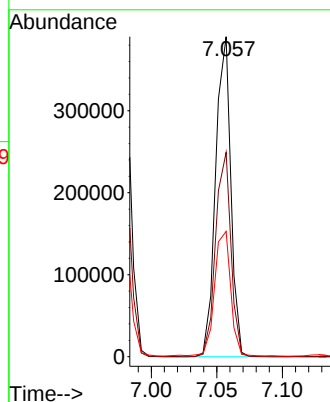
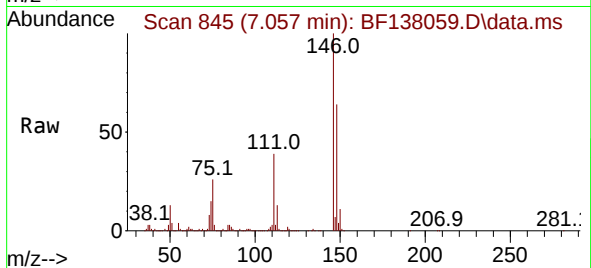
EXPE2MSD

Tgt Ion:146 Resp: 313634
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 39.2 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: 39.391 ng

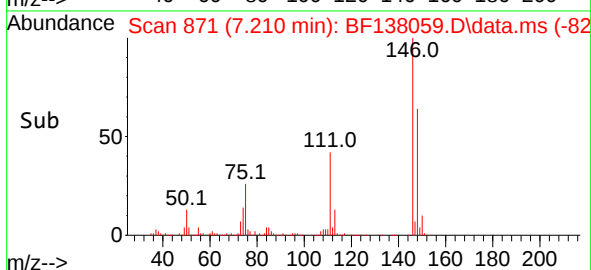
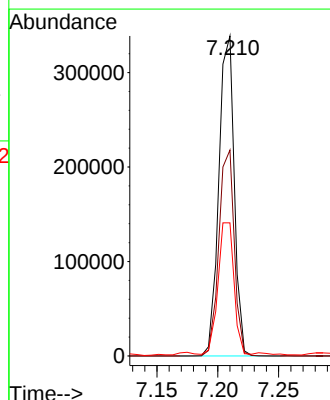
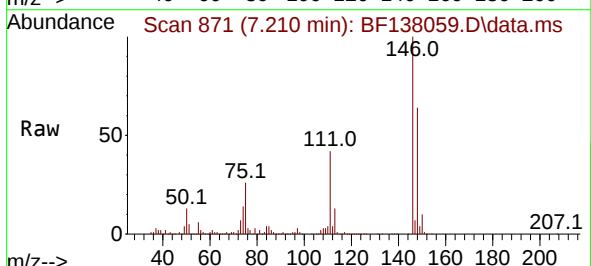
RT: 7.210 min Scan# 871

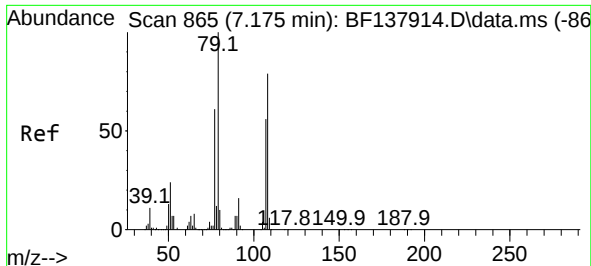
Delta R.T. -0.006 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

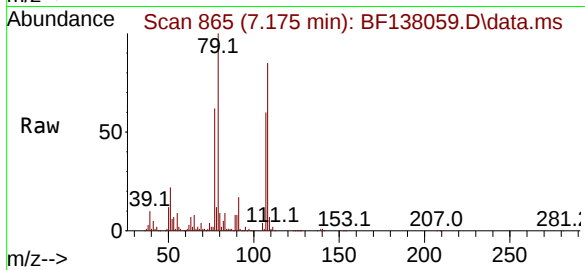
Tgt Ion:146 Resp: 299232
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.2 75.4
 111 41.6 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.239 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

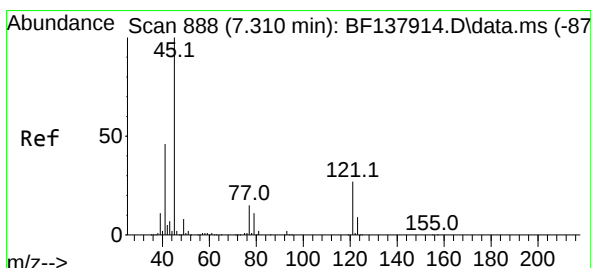
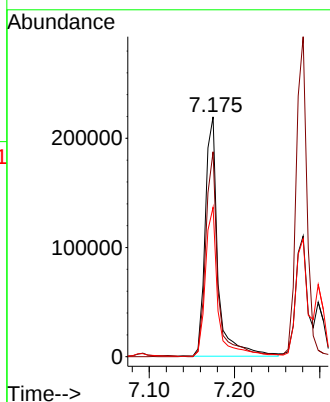
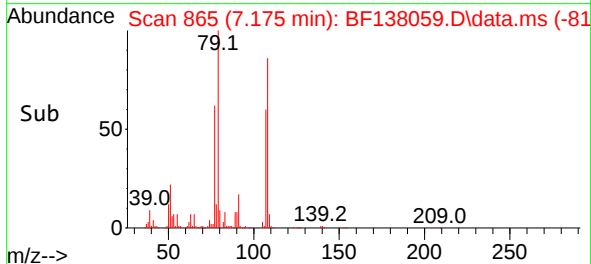
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



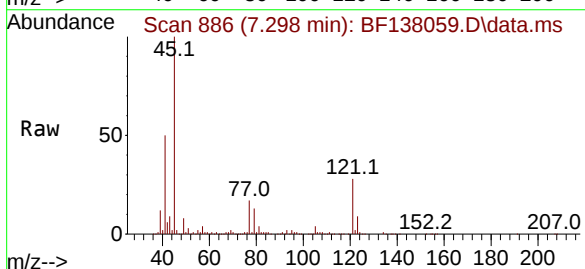
Tgt Ion: 79 Resp: 22841
Ion Ratio Lower Upper
79 100
108 85.5 62.8 94.2
77 62.3 48.7 73.1

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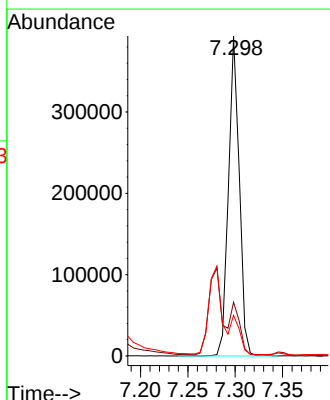
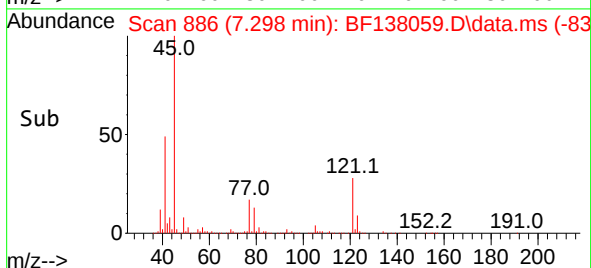
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

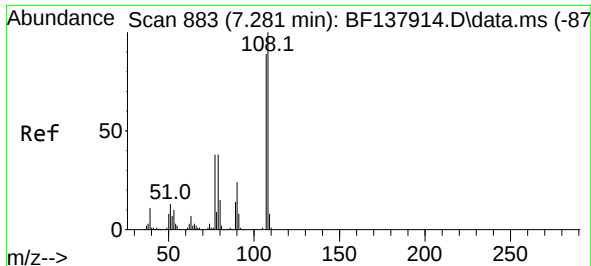


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.400 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion: 45 Resp: 312005
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.3
79 12.7 0.0 32.1





#17

2-Methylphenol

Concen: 41.288 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF138059.D

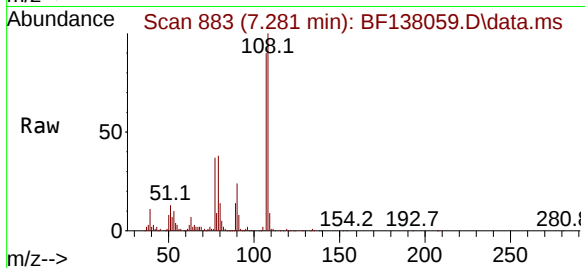
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD



Tgt Ion:107 Resp: 228839

Ion Ratio Lower Upper

107 100

108 111.6 90.1 135.1

77 41.1 34.3 51.5

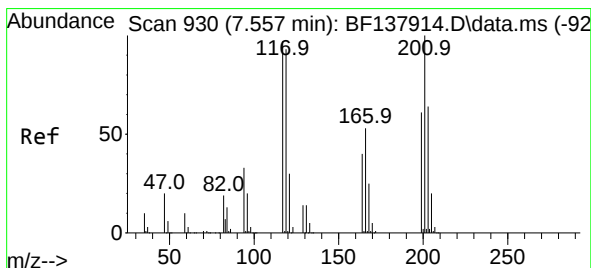
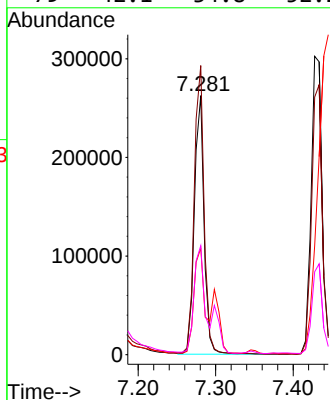
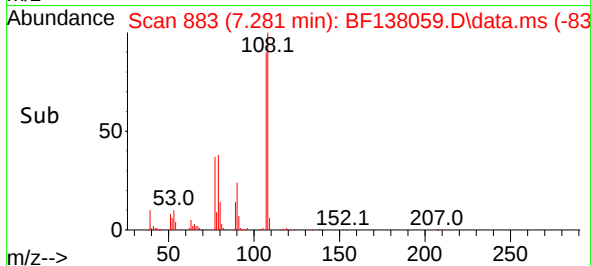
79 42.1 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#18

Hexachloroethane

Concen: 39.713 ng

RT: 7.551 min Scan# 929

Delta R.T. -0.006 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

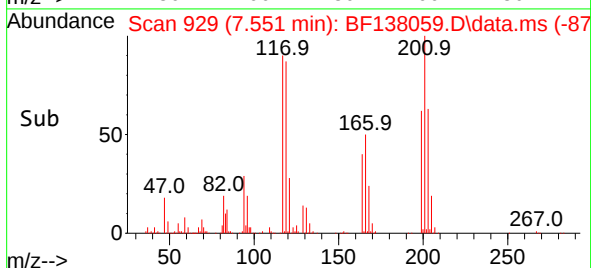
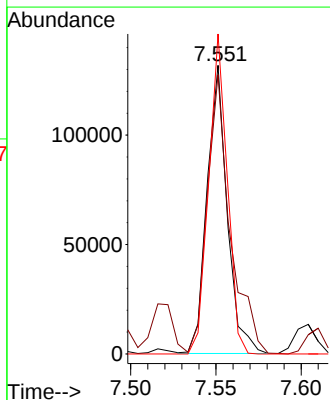
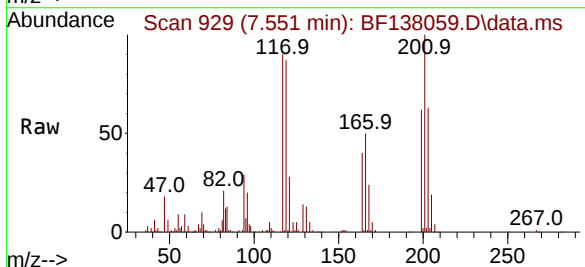
Tgt Ion:117 Resp: 108469

Ion Ratio Lower Upper

117 100

119 96.8 76.8 115.2

201 110.9 82.7 124.1





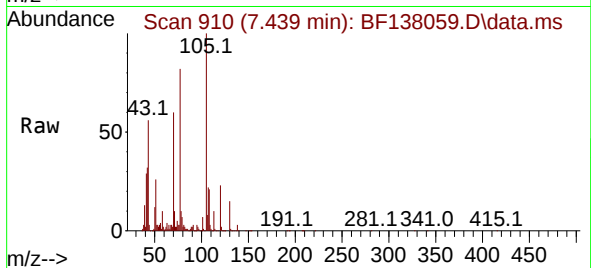
#19
n-Nitroso-di-n-propylamine
Concen: 42.176 ng
RT: 7.439 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

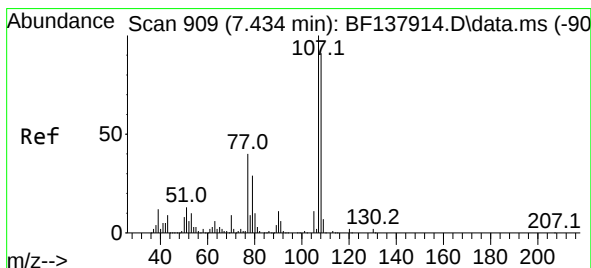
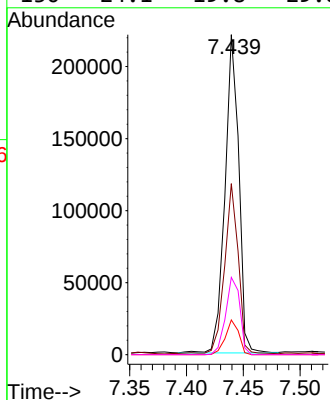
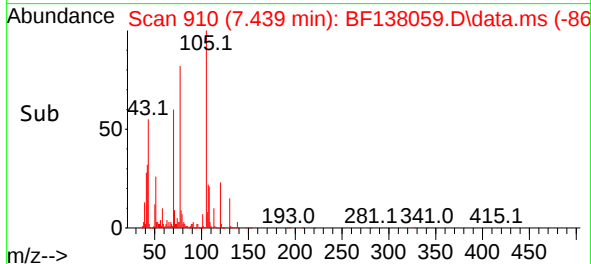
EXPE2MSD



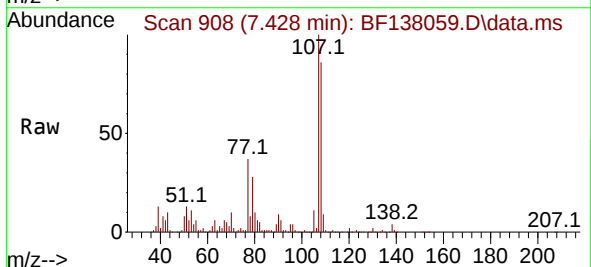
Tgt Ion: 70 Resp: 18745
Ion Ratio Lower Upper
70 100
42 53.5 42.2 63.4
101 10.8 8.8 13.2
130 24.1 19.8 29.8

Manual Integrations
APPROVED

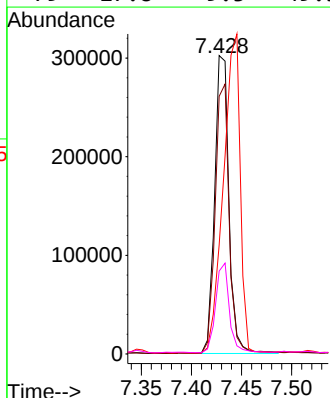
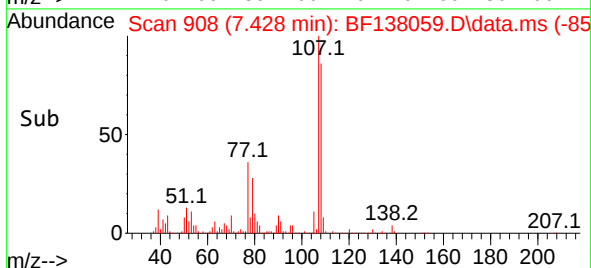
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

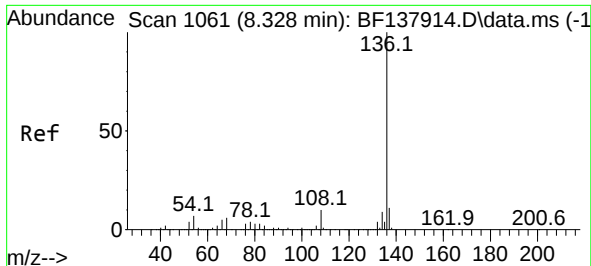


#20
3+4-Methylphenols
Concen: 41.139 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion:107 Resp: 298712
Ion Ratio Lower Upper
107 100
108 86.3 70.8 110.8
77 36.5 20.2 60.2
79 27.8 9.3 49.3





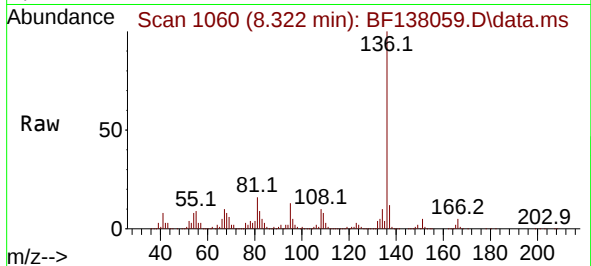
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

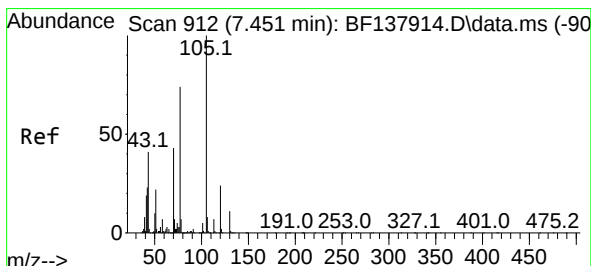
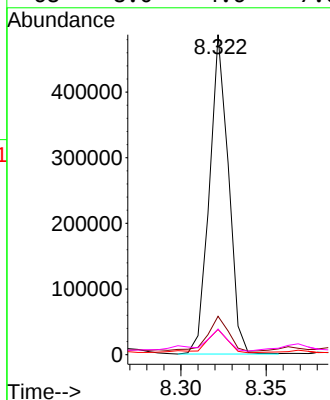
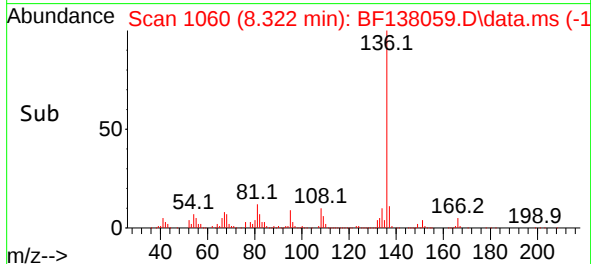


Tgt Ion:136 Resp: 377161
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 7.9 5.4 8.2
68 8.0 4.6 7.0#

Manual Integrations

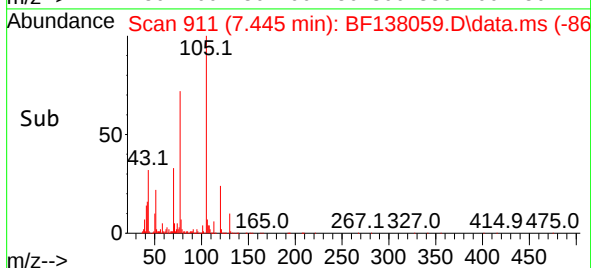
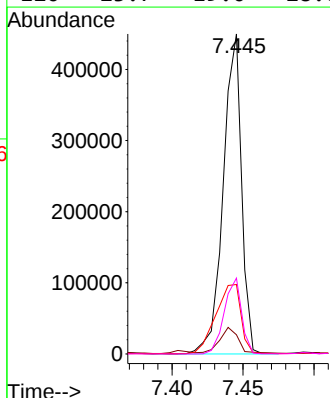
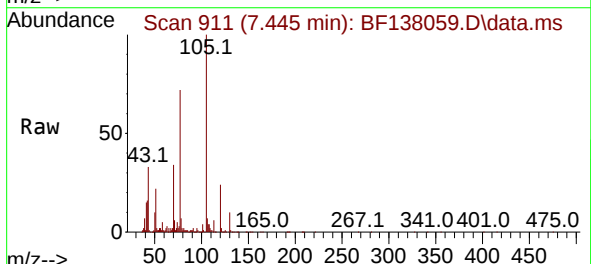
APPROVED

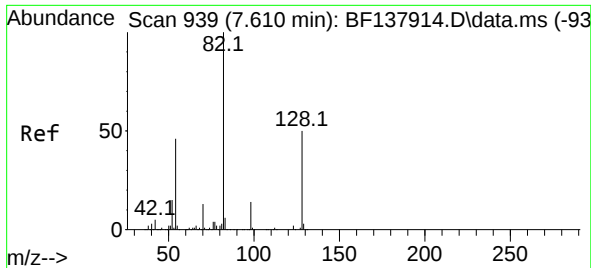
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#22
Acetophenone
Concen: 47.708 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:105 Resp: 403092
Ion Ratio Lower Upper
105 100
71 6.0 5.7 8.5
51 21.7 17.8 26.8
120 23.7 19.0 28.6





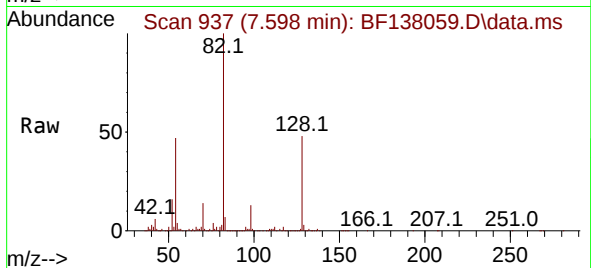
#23
Nitrobenzene-d5
Concen: 78.944 ng
RT: 7.598 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

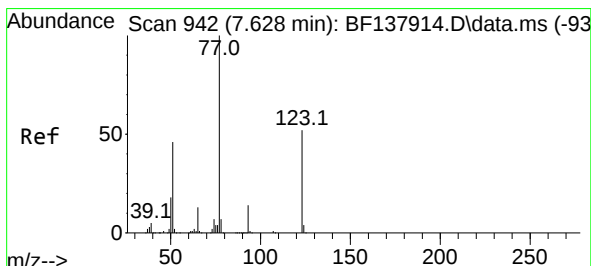
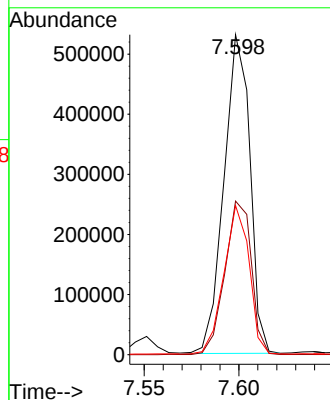
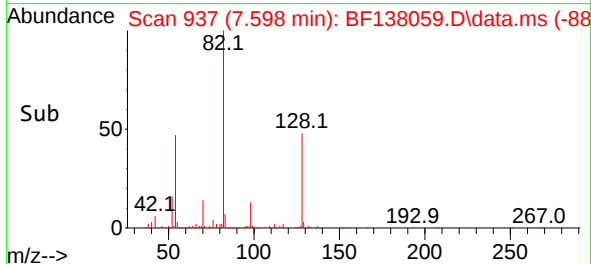


Tgt Ion: 82 Resp: 505938
Ion Ratio Lower Upper
82 100
128 48.0 40.3 60.5
54 46.6 36.8 55.2

Manual Integrations

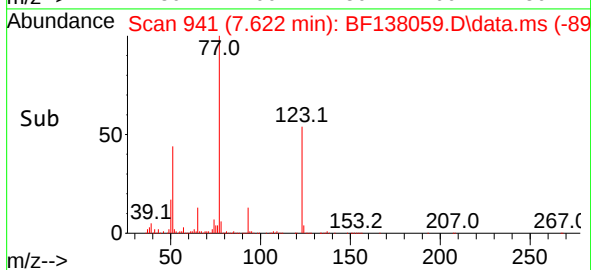
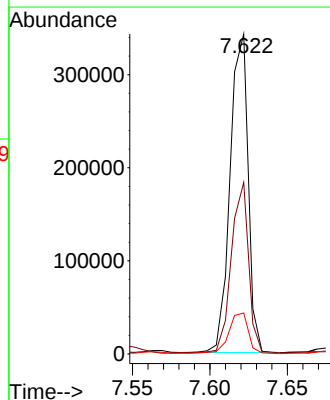
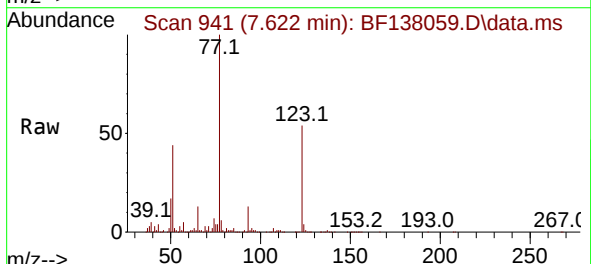
APPROVED

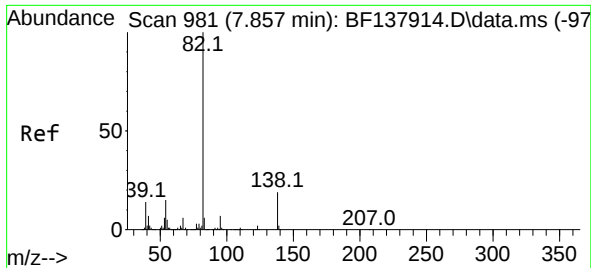
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#24
Nitrobenzene
Concen: 42.637 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

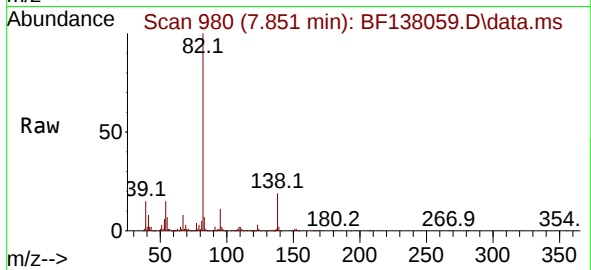
Tgt Ion: 77 Resp: 277204
Ion Ratio Lower Upper
77 100
123 53.6 41.4 62.2
65 12.8 10.5 15.7





#25
Isophorone
Concen: 46.126 ng
RT: 7.851 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

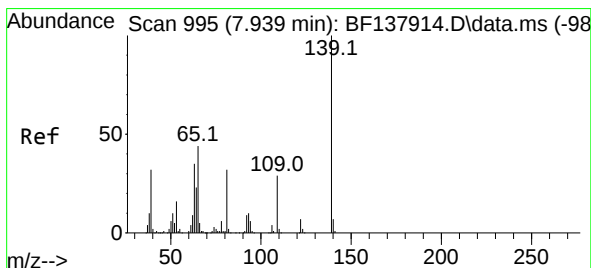
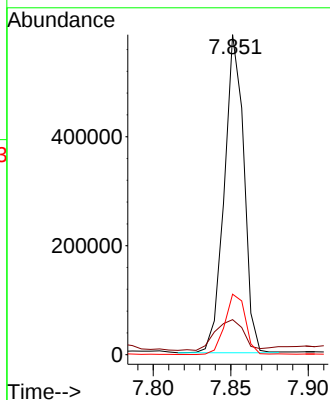
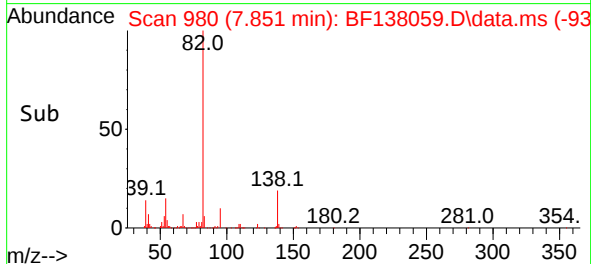
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion: 82 Resp: 513058
Ion Ratio Lower Upper
82 100
95 11.0 6.0 9.0
138 18.9 15.0 22.4

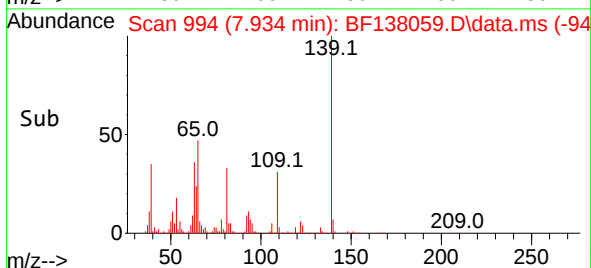
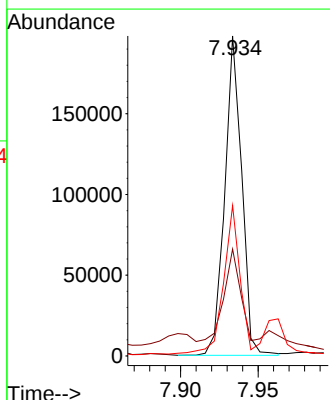
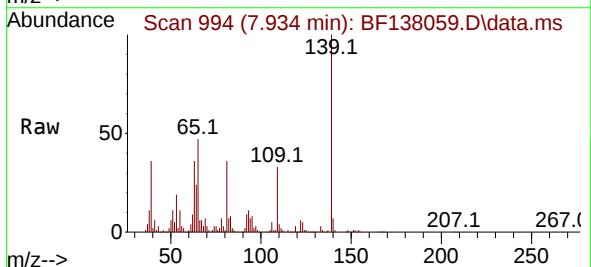
Manual Integrations
APPROVED

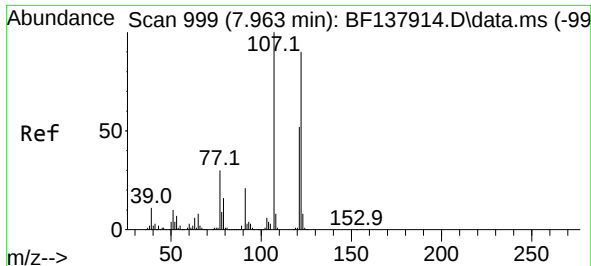
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#26
2-Nitrophenol
Concen: 45.971 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:139 Resp: 150180
Ion Ratio Lower Upper
139 100
109 33.4 22.8 34.2
65 47.0 35.2 52.8





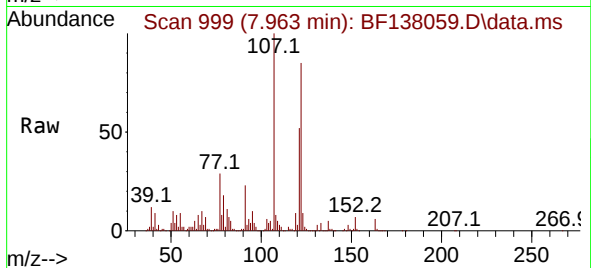
#27
2,4-Dimethylphenol
Concen: 49.306 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

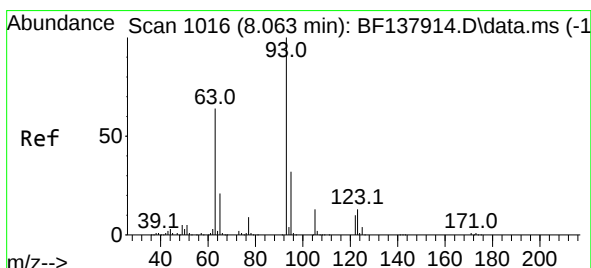
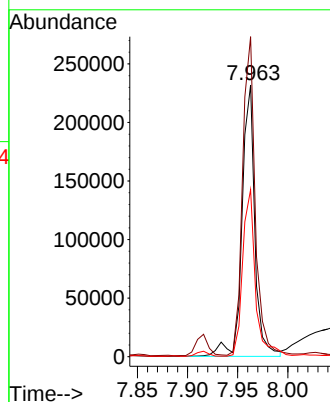
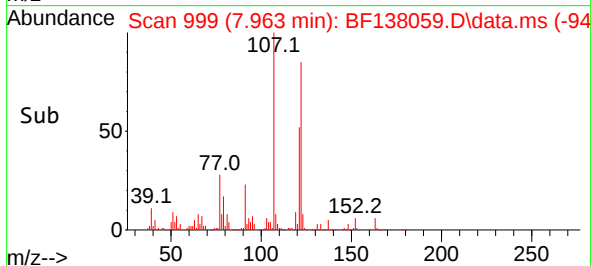


Tgt Ion:122 Resp: 207377
Ion Ratio Lower Upper
122 100
107 117.8 89.0 133.4
121 61.5 46.2 69.4

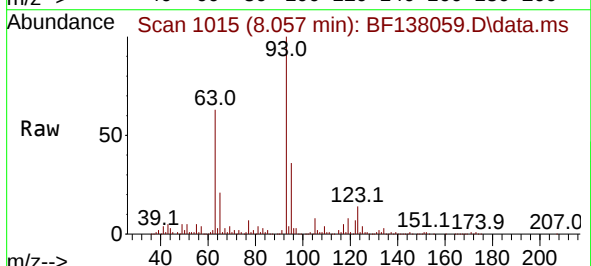
Manual Integrations

APPROVED

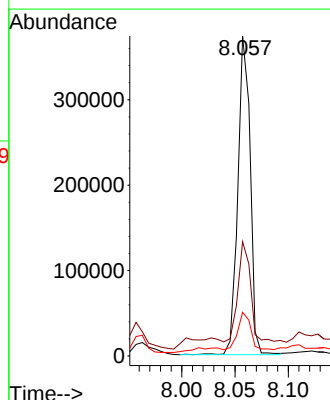
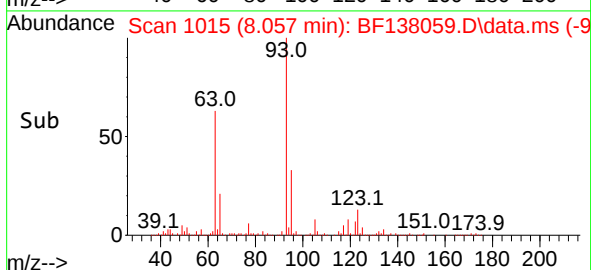
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

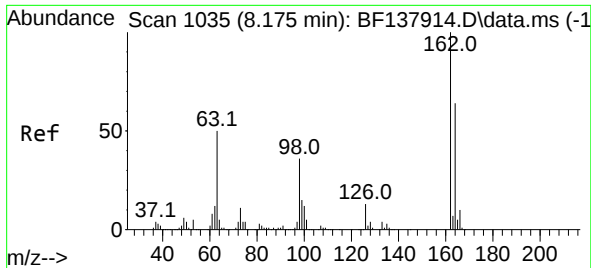


#28
bis(2-Chloroethoxy)methane
Concen: 44.973 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



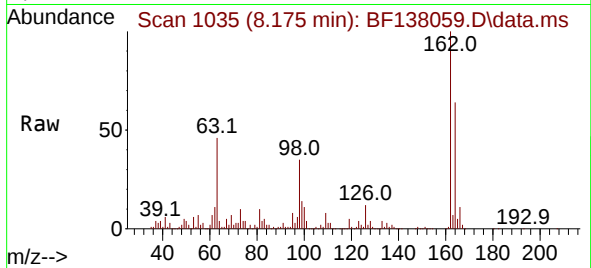
Tgt Ion: 93 Resp: 303177
Ion Ratio Lower Upper
93 100
95 35.7 25.9 38.9
123 13.7 10.4 15.6





#29
2,4-Dichlorophenol
Concen: 41.955 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

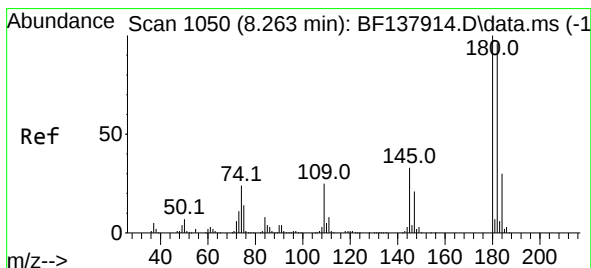
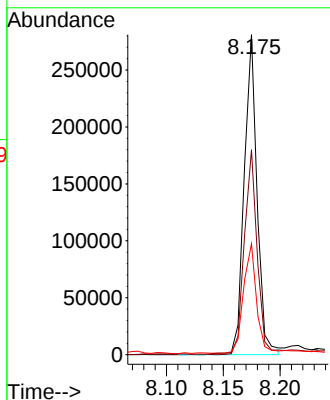
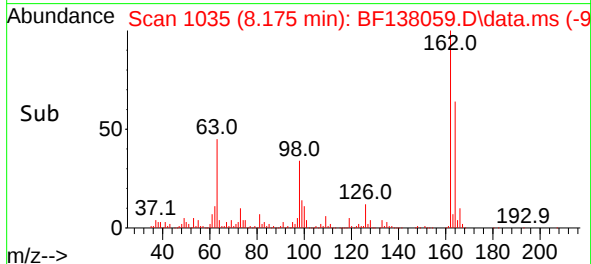
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



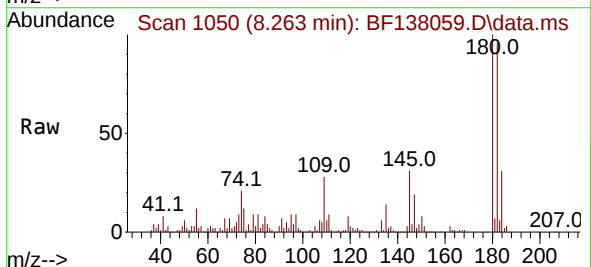
Tgt Ion:162 Resp: 22190
Ion Ratio Lower Upper
162 100
164 64.0 44.3 84.3
98 34.7 15.8 55.8

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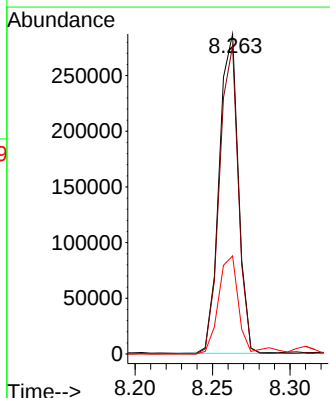
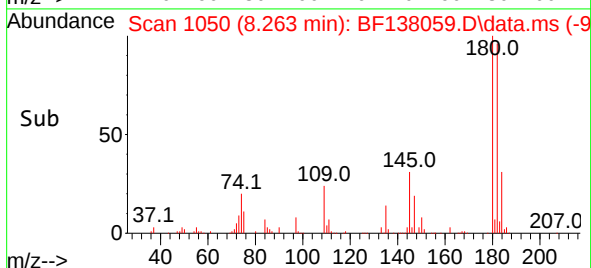
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.795 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



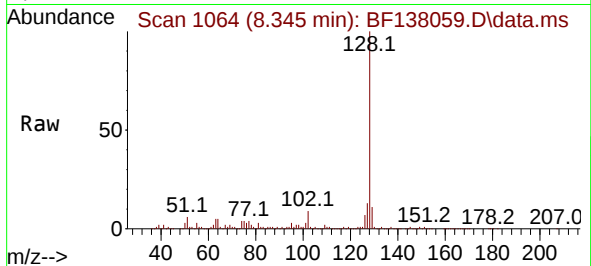
Tgt Ion:180 Resp: 246811
Ion Ratio Lower Upper
180 100
182 96.3 76.5 114.7
145 30.7 26.2 39.2





#31
Naphthalene
Concen: 41.900 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

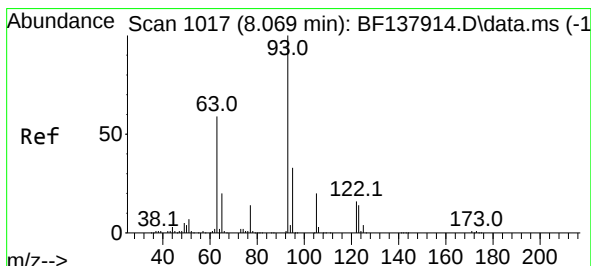
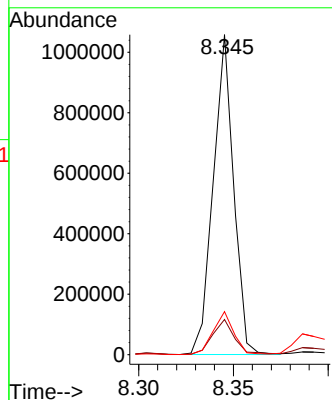
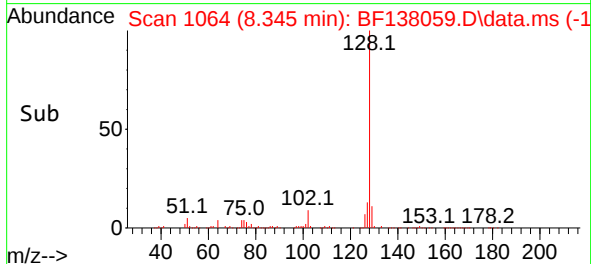
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:128 Resp: 794578
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0

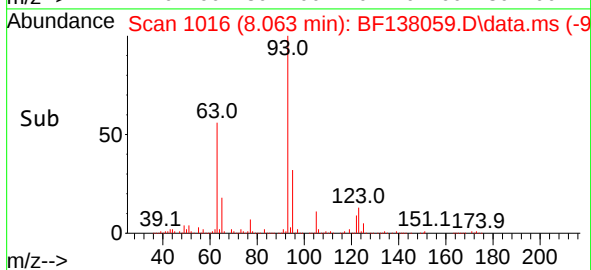
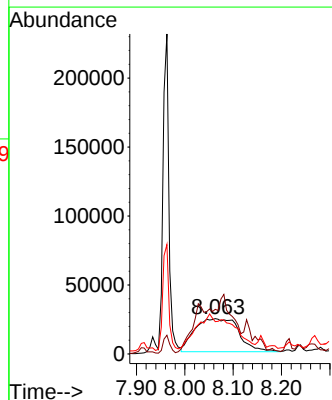
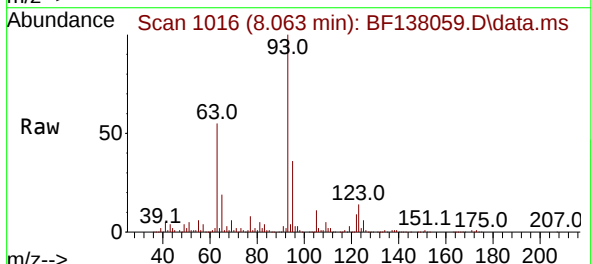
Manual Integrations
APPROVED

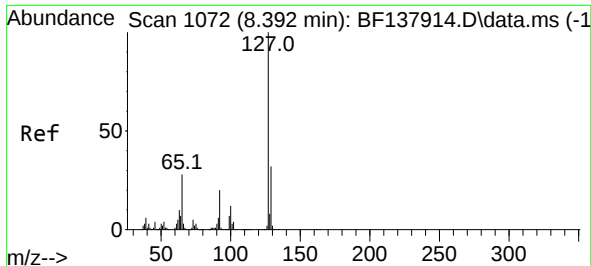
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#32
Benzoic acid
Concen: 42.840 ng m
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:122 Resp: 152313
Ion Ratio Lower Upper
122 100
105 126.6 103.8 143.8
77 91.5 68.4 108.4





#33

4-Chloroaniline

Concen: 25.643 ng

RT: 8.386 min Scan# 1071

Delta R.T. -0.006 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

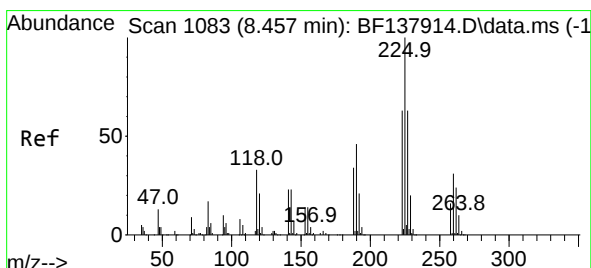
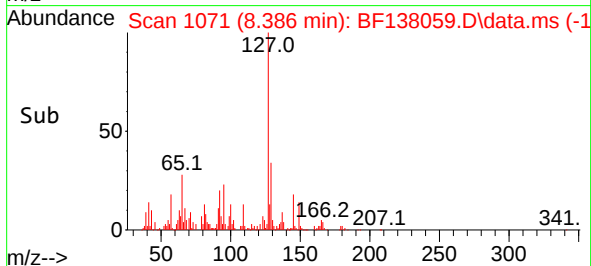
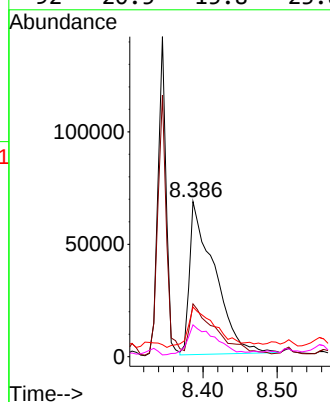
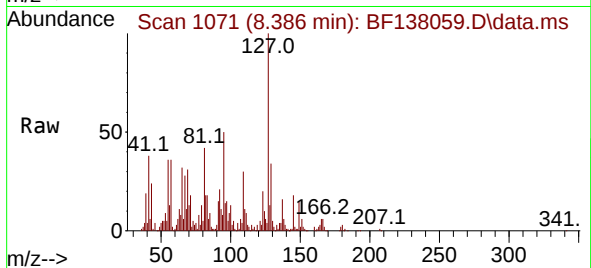
Tgt Ion:127 Resp: 15941

Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.4	38.2
65	32.0	22.0	33.0
92	20.5	15.8	23.8

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 40.654 ng

RT: 8.457 min Scan# 1083

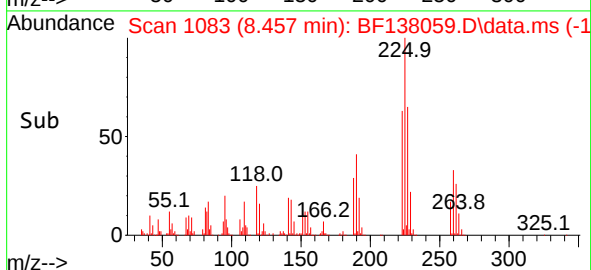
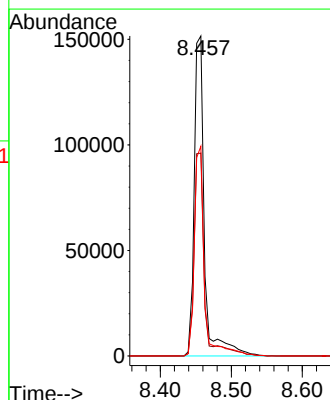
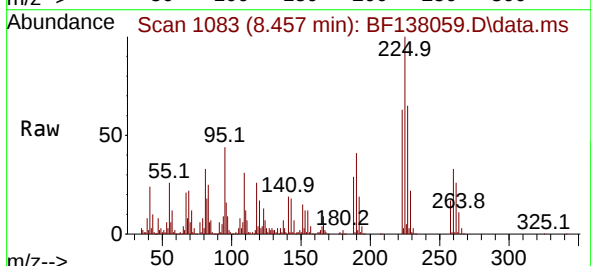
Delta R.T. 0.000 min

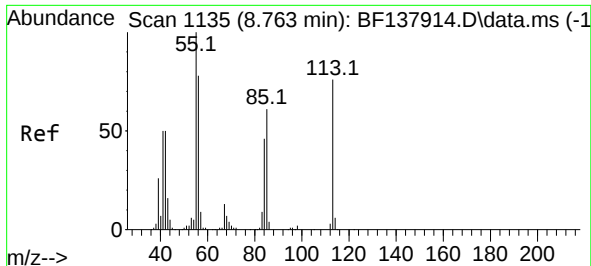
Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:225 Resp: 151955

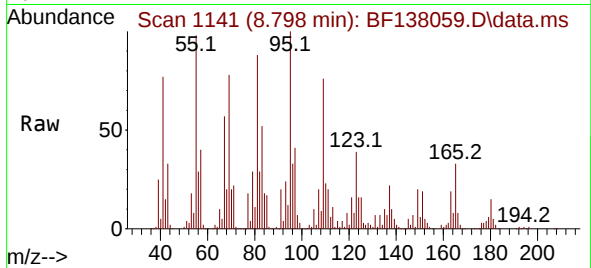
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	65.5	50.2	75.4





#35
Caprolactam
Concen: 59.189 ng m
RT: 8.798 min Scan# 1135
Delta R.T. 0.035 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

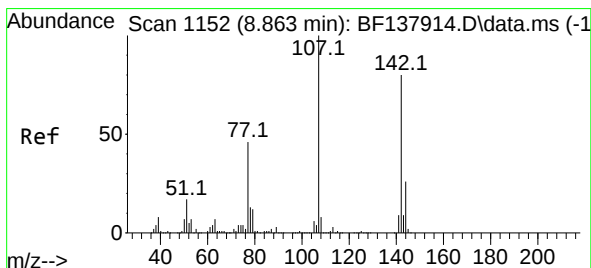
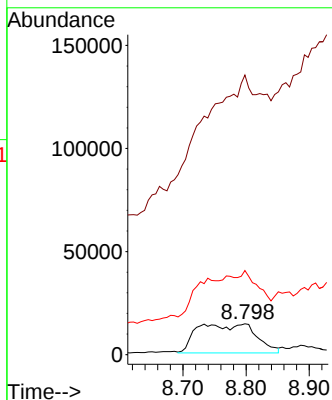
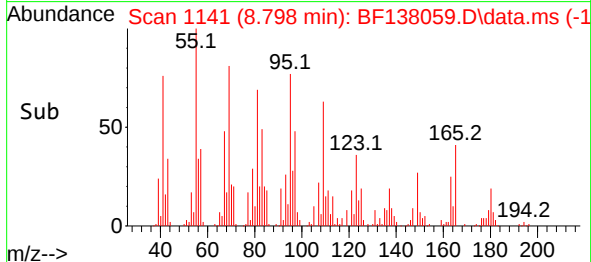
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:113 Resp: 90690
Ion Ratio Lower Upper
113 100
55 904.8 112.3 152.3#
56 272.5 82.7 122.7#

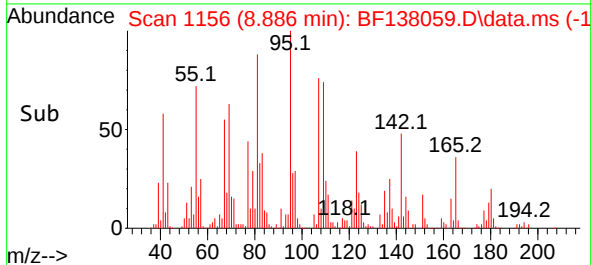
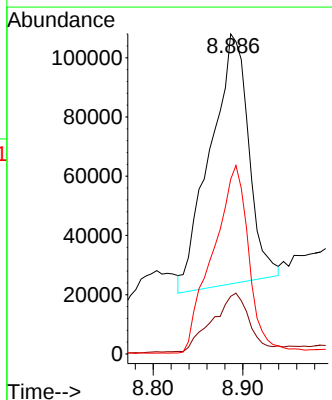
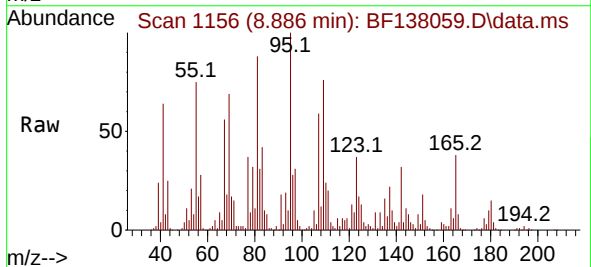
Manual Integrations
APPROVED

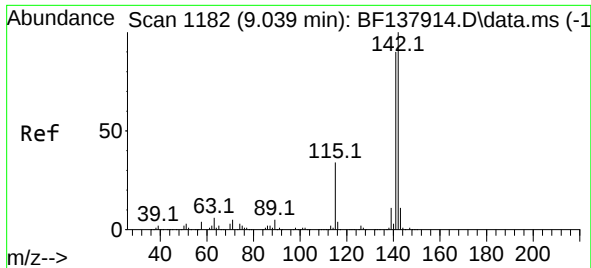
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#36
4-Chloro-3-methylphenol
Concen: 46.579 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.024 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

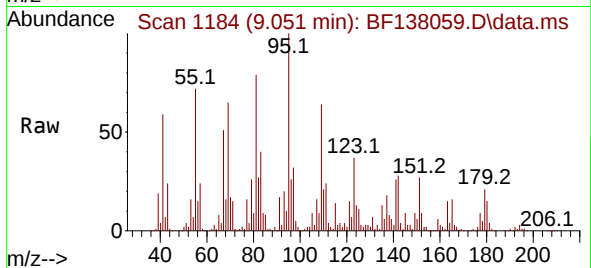
Tgt Ion:107 Resp: 250611
Ion Ratio Lower Upper
107 100
144 18.0 20.7 31.1#
142 54.6 64.0 96.0#





#37
2-Methylnaphthalene
Concen: 32.630 ng
RT: 9.051 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

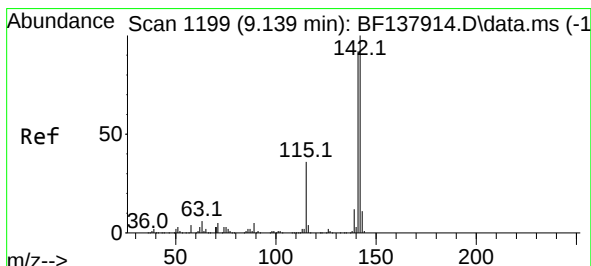
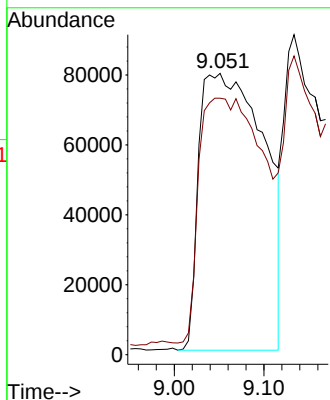
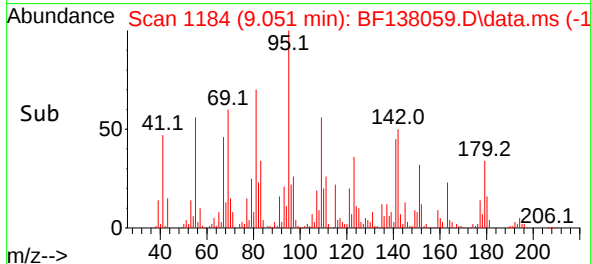
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:142 Resp: 397750
Ion Ratio Lower Upper
142 100
141 91.2 72.0 108.0

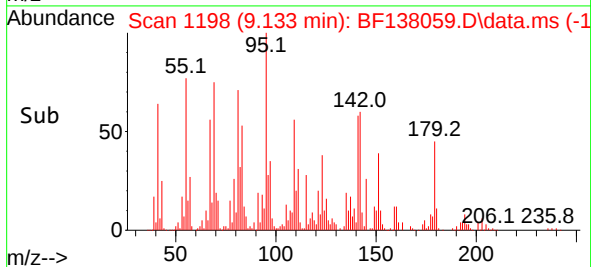
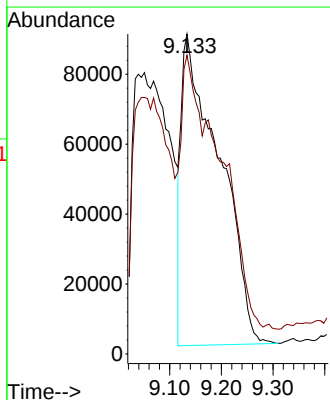
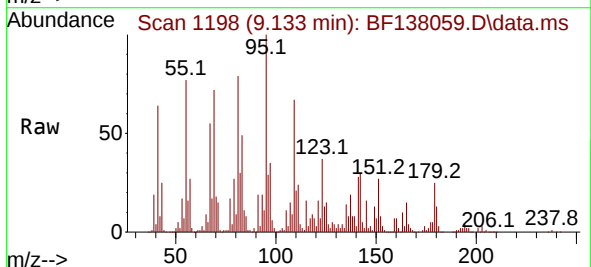
Manual Integrations
APPROVED

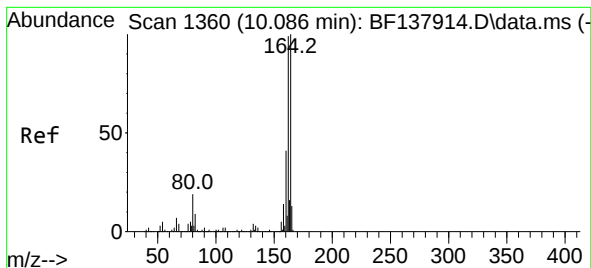
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#38
1-Methylnaphthalene
Concen: 37.658 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:142 Resp: 451293
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.186 min Scan# 11

Delta R.T. 0.100 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

Tgt Ion:164 Resp: 7596

Ion Ratio Lower Upper

164 100

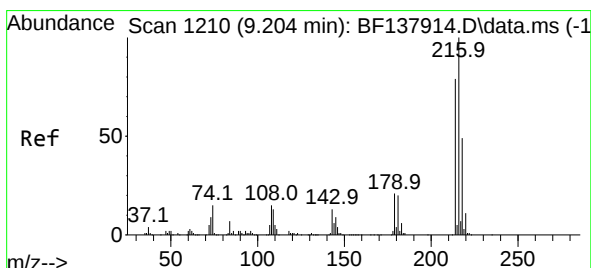
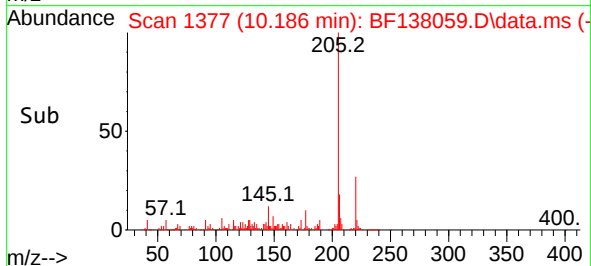
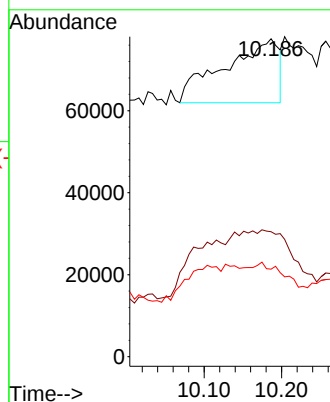
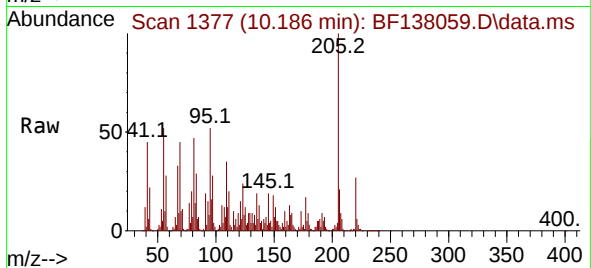
162 39.3 79.4 119.2

160 27.5 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: 97.758 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:216 Resp: 201885

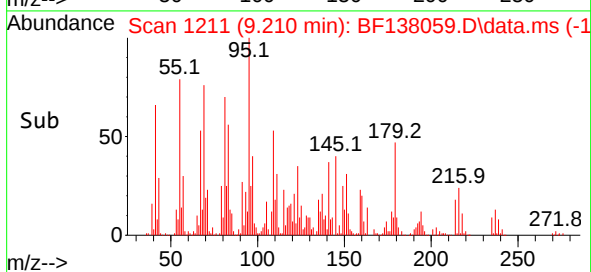
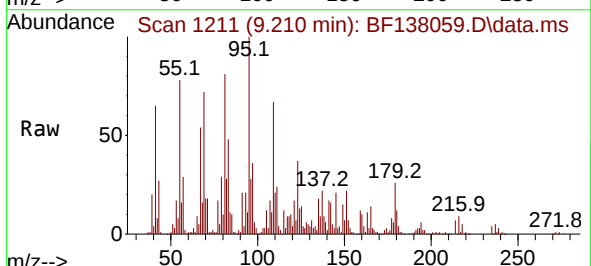
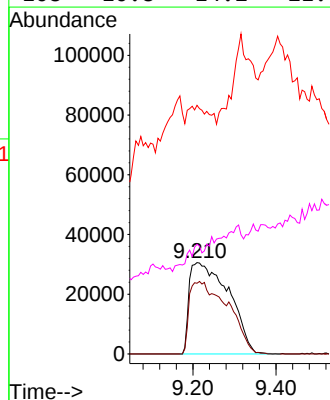
Ion Ratio Lower Upper

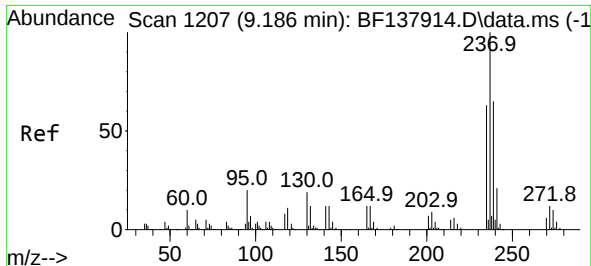
216 100

214 77.5 63.4 95.2

179 0.0 17.0 25.4#

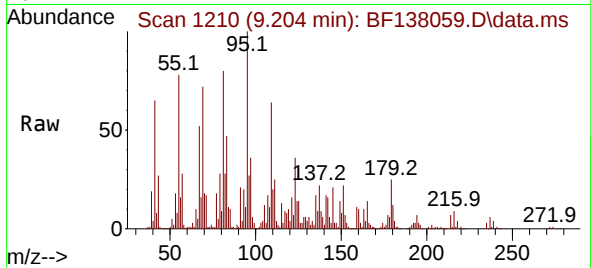
108 10.8 14.2 21.4#





#41
Hexachlorocyclopentadiene
Concen: 134.688 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

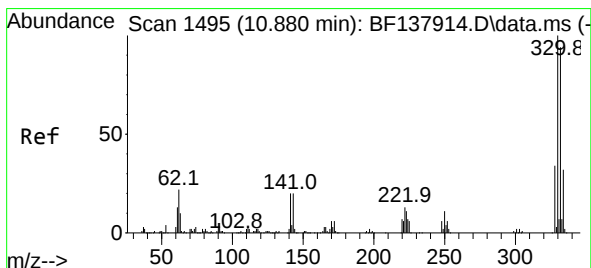
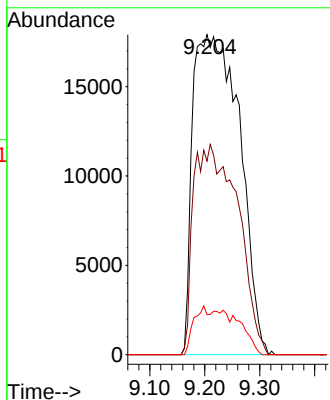
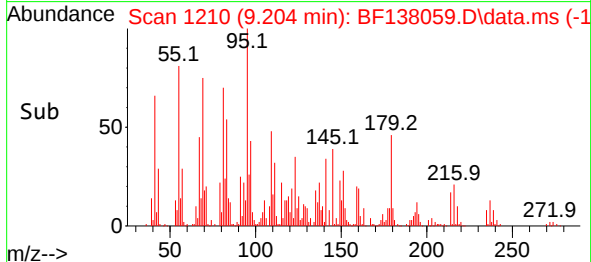
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



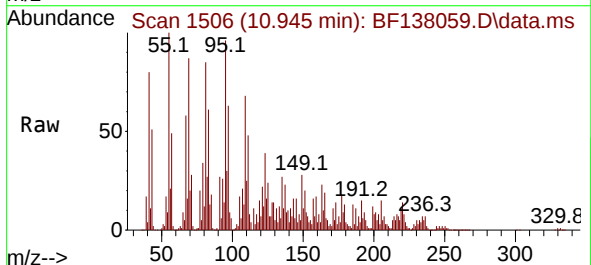
Tgt Ion:237 Resp: 105690
Ion Ratio Lower Upper
237 100
235 60.5 42.8 82.8
272 12.5 0.0 32.0

Manual Integrations
APPROVED

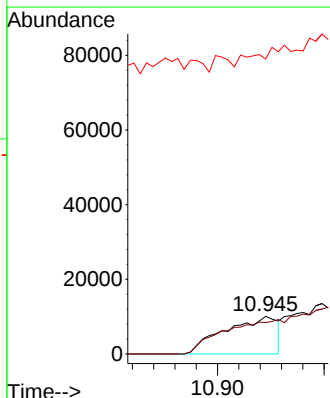
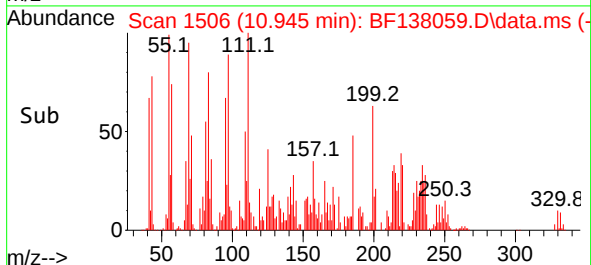
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

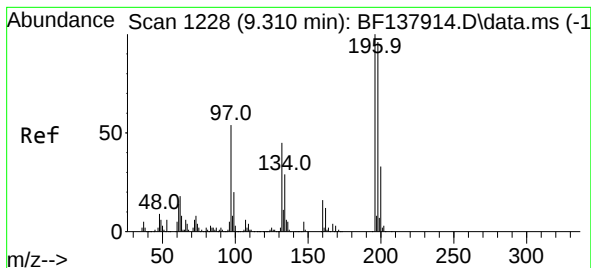


#42
2,4,6-Tribromophenol
Concen: 45.100 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion:330 Resp: 34544
Ion Ratio Lower Upper
330 100
332 0.0 75.8 113.8#
141 34.4 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 158.114 ng m

RT: 9.375 min Scan# 1239

Delta R.T. 0.065 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

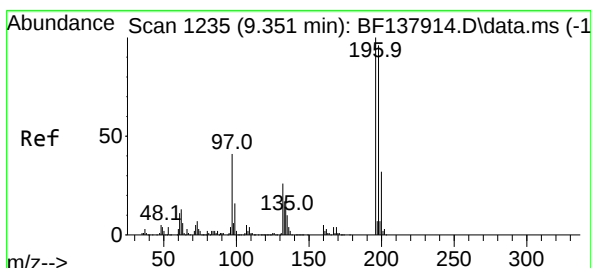
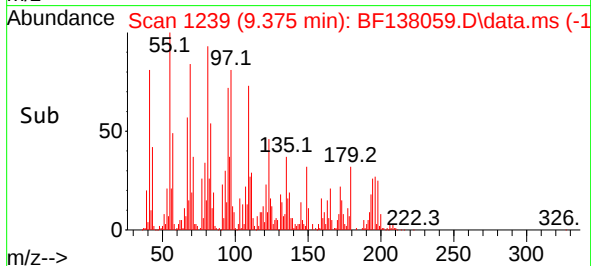
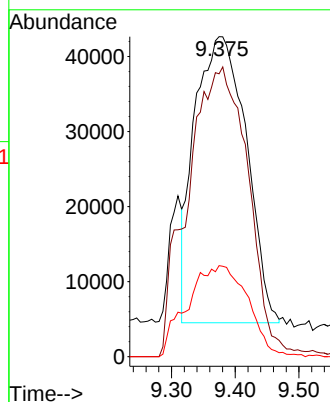
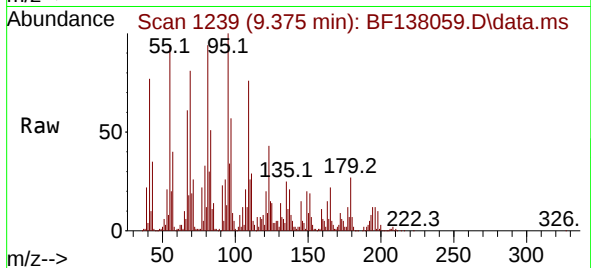
EXPE2MSD

Tgt Ion:196	Resp: 214094
Ion Ratio	Lower Upper
196	100
198	88.4 77.0 115.4
200	28.4 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: 163.584 ng

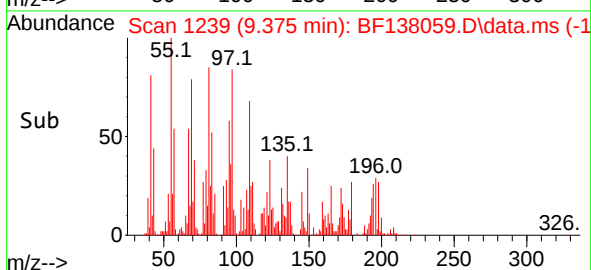
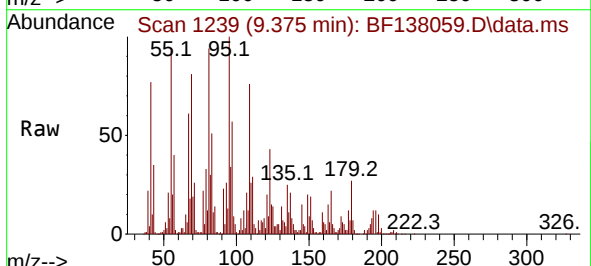
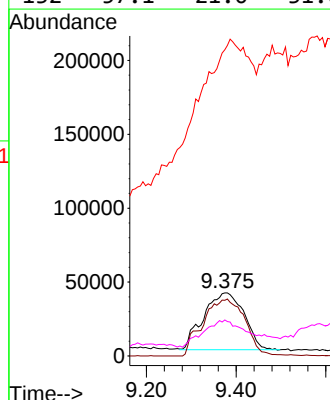
RT: 9.375 min Scan# 1239

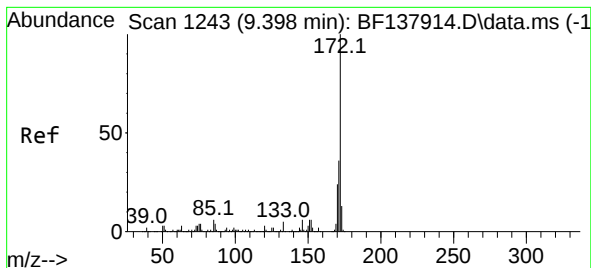
Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:196	Resp: 242363
Ion Ratio	Lower Upper
196	100
198	88.4 77.4 116.0
97	486.2 32.9 49.3#
132	57.1 21.0 31.6#





#45

2-Fluorobiphenyl

Concen: 168.509 ng m

RT: 9.457 min Scan# 1253

Delta R.T. 0.059 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

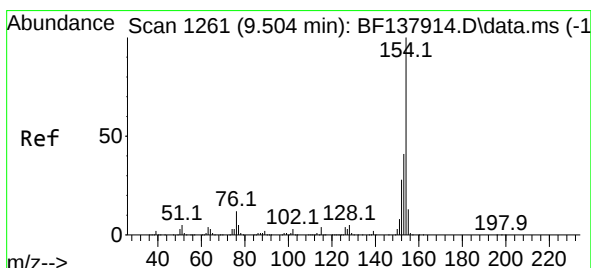
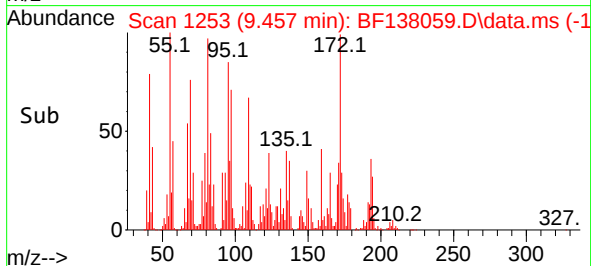
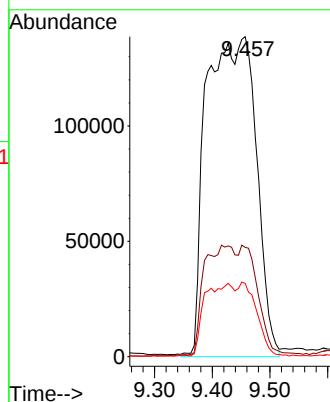
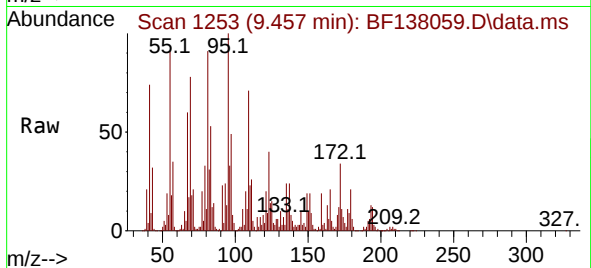
EXPE2MSD

Tgt Ion:	172	Resp:	83099
Ion Ratio	Lower	Upper	
172	100		
171	34.1	28.9	43.3
170	22.9	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: 86.157 ng m

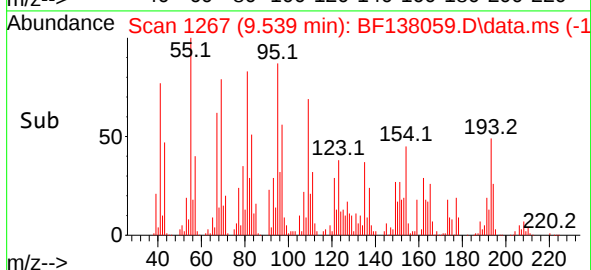
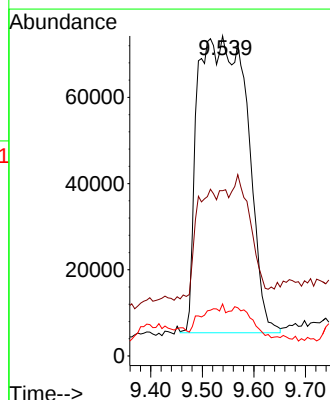
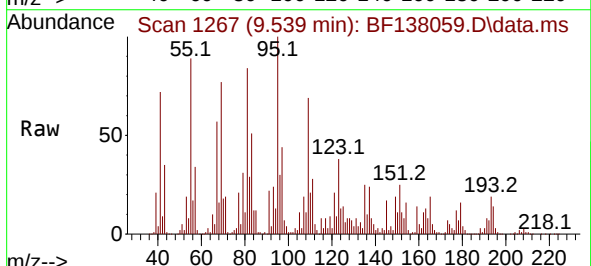
RT: 9.539 min Scan# 1267

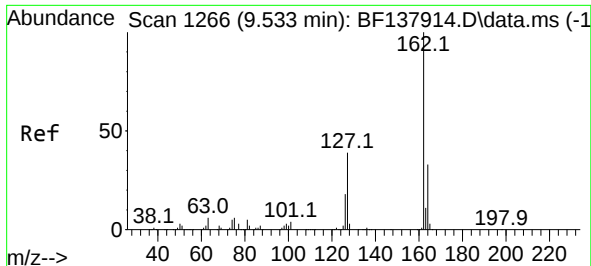
Delta R.T. 0.035 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:	154	Resp:	459038
Ion Ratio	Lower	Upper	
154	100		
153	51.6	21.3	61.3
76	16.2	0.0	31.9





#47

2-Chloronaphthalene

Concen: 86.296 ng m

RT: 9.545 min Scan# 1266

Delta R.T. 0.012 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

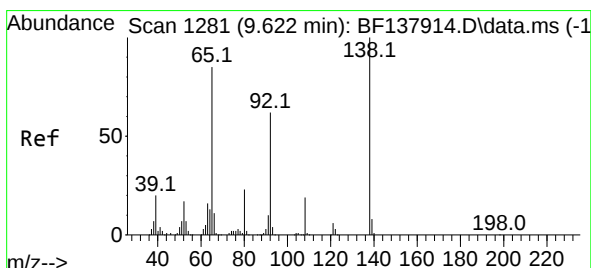
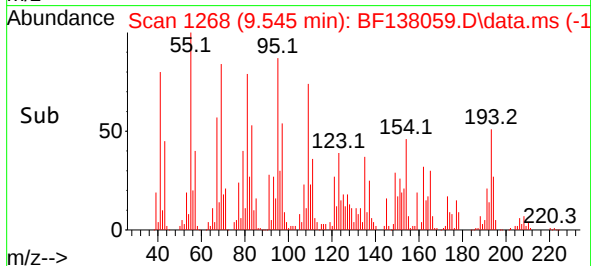
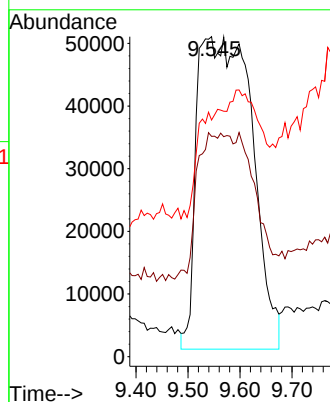
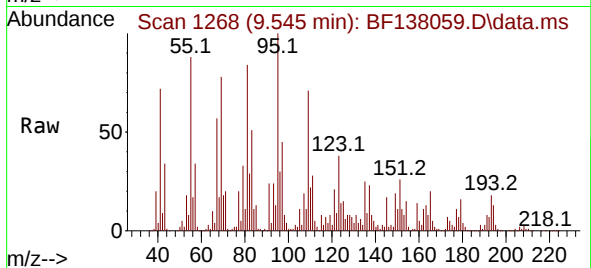
EXPE2MSD

Tgt Ion:	162	Resp:	36702
Ion Ratio	Lower	Upper	
162	100		
127	68.8	32.0	48.0
164	74.0	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: 98.599 ng

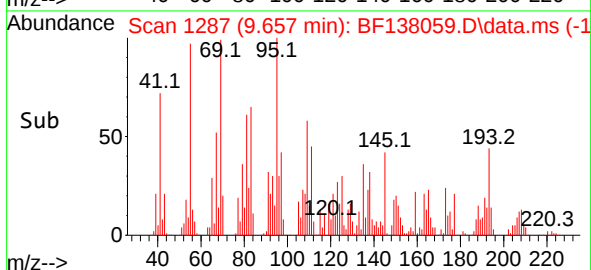
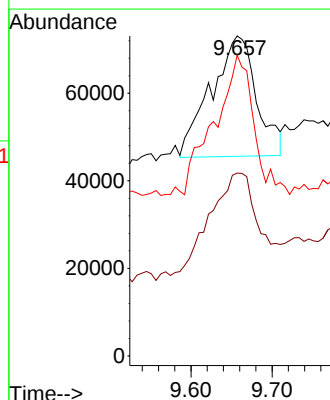
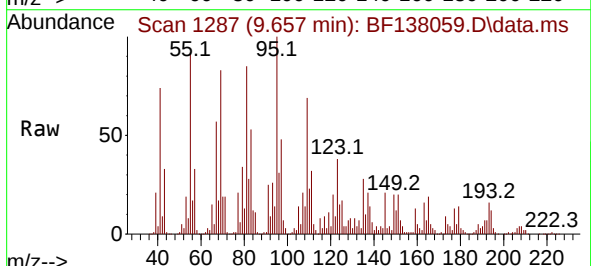
RT: 9.657 min Scan# 1287

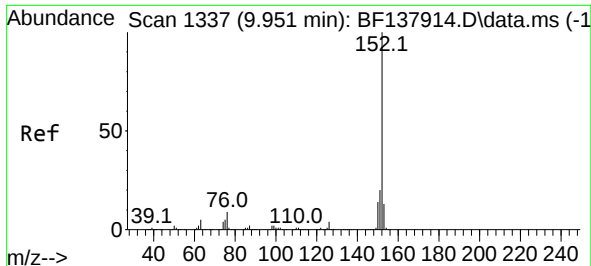
Delta R.T. 0.035 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

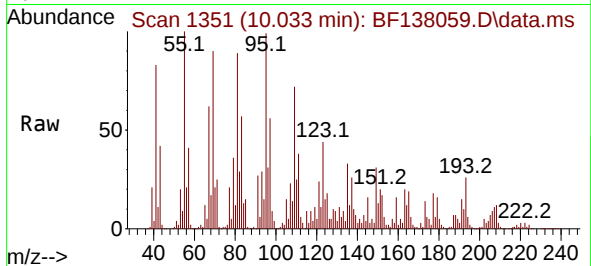
Tgt Ion:	65	Resp:	107386
Ion Ratio	Lower	Upper	
65	100		
92	57.1	58.6	88.0
138	94.0	94.1	141.1





#49
Acenaphthylene
Concen: 72.801 ng m
RT: 10.033 min Scan# 1351
Delta R.T. 0.082 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

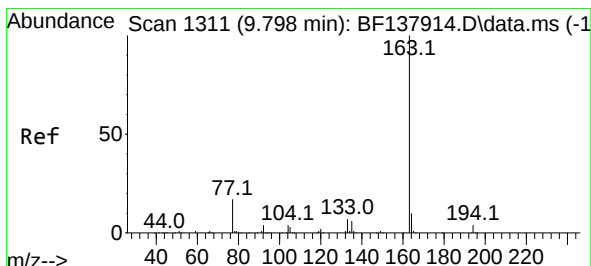
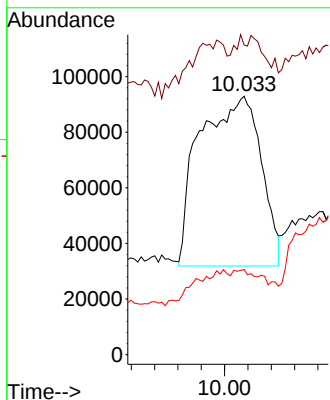
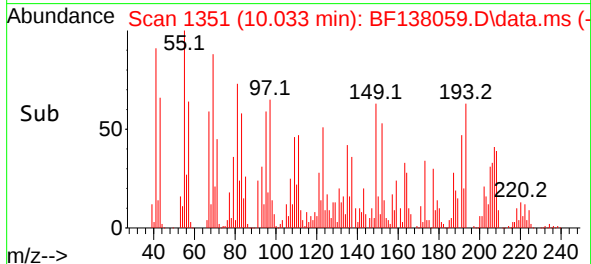
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:152 Resp: 44521
Ion Ratio Lower Upper
152 100
151 119.9 15.8 23.8
153 33.0 10.2 15.4

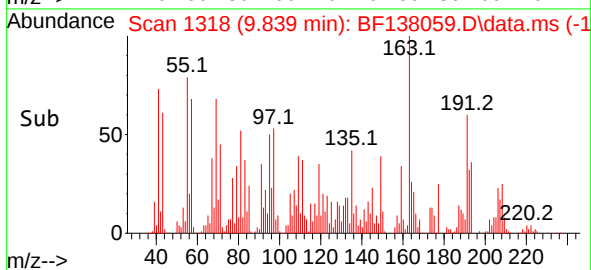
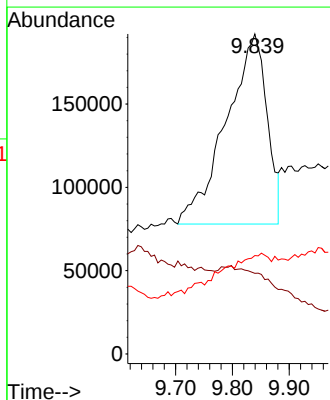
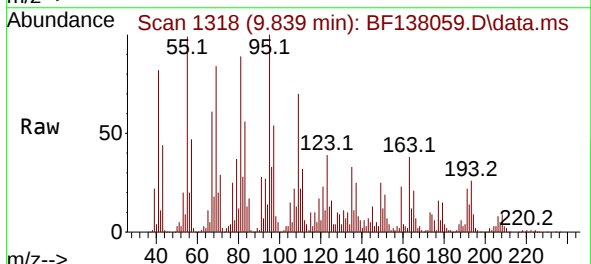
Manual Integrations
APPROVED

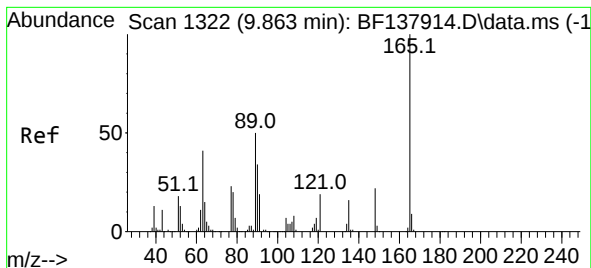
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#50
Dimethylphthalate
Concen: 119.845 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.041 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

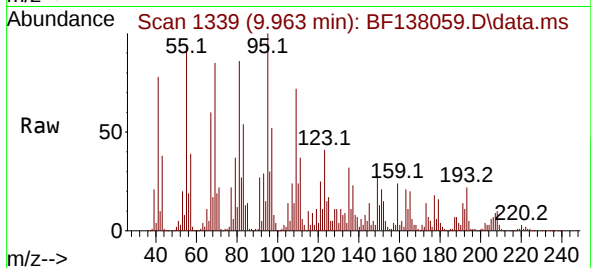
Tgt Ion:163 Resp: 570879
Ion Ratio Lower Upper
163 100
194 25.2 3.4 5.0#
164 30.7 8.0 12.0#





#51
2,6-Dinitrotoluene
Concen: 4.084 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.100 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

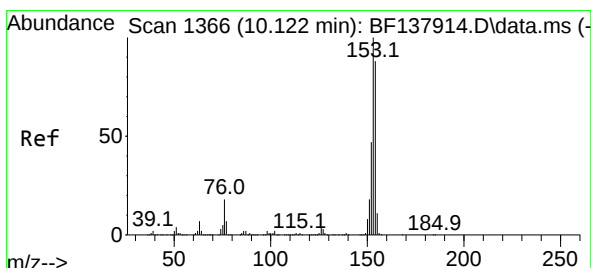
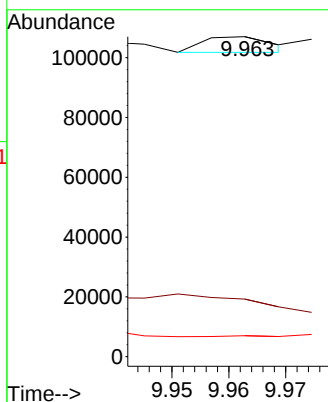
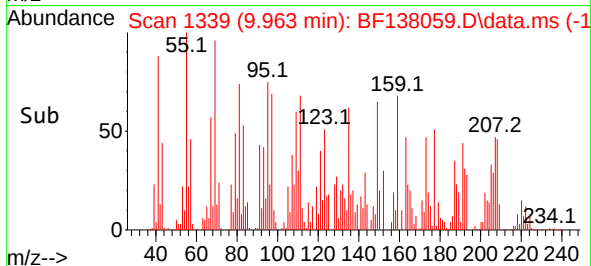
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



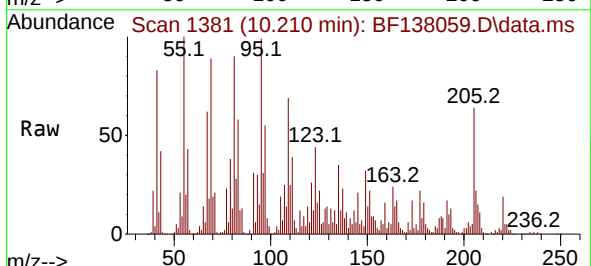
Tgt Ion:165 Resp: 446
Ion Ratio Lower Upper
165 100
63 18.0 38.9 58.3
89 6.5 40.4 60.6

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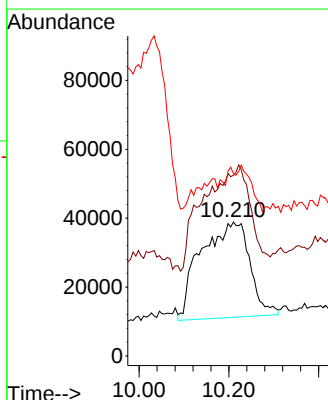
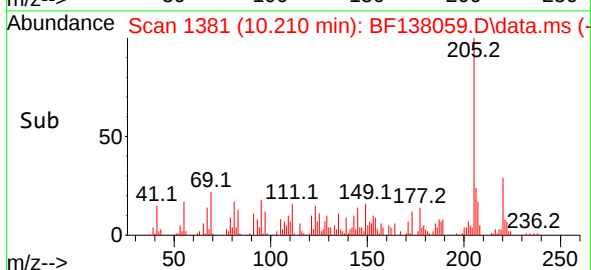
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

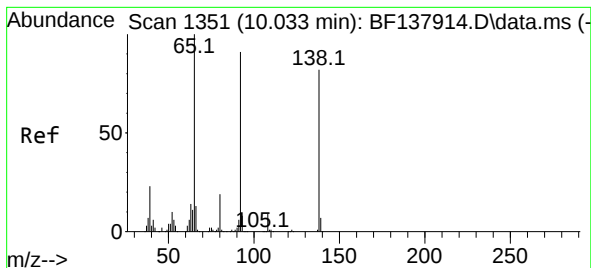


#52
Acenaphthene
Concen: 51.909 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.088 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



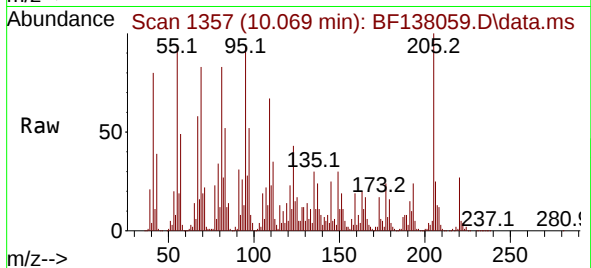
Tgt Ion:154 Resp: 209815
Ion Ratio Lower Upper
154 100
153 134.9 90.4 135.6
152 136.4 42.3 63.5





#53
3-Nitroaniline
Concen: 71.458 ng m
RT: 10.069 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

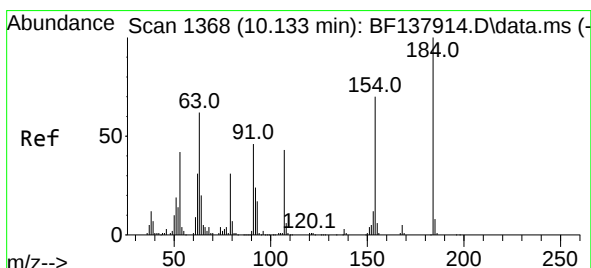
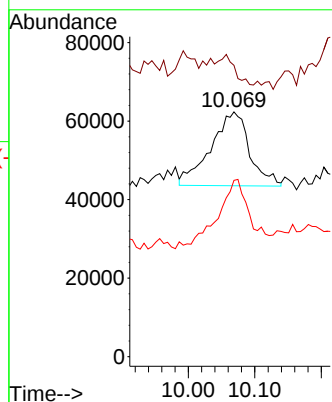
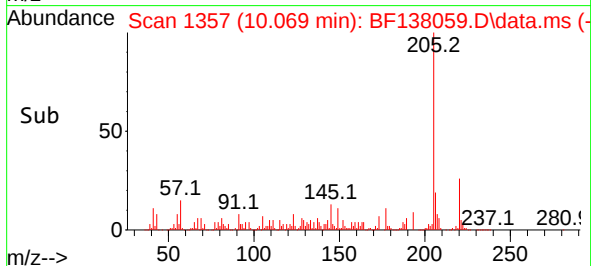
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:138 Resp: 76375
Ion Ratio Lower Upper
138 100
108 119.0 8.8 13.2
92 72.0 88.6 133.0

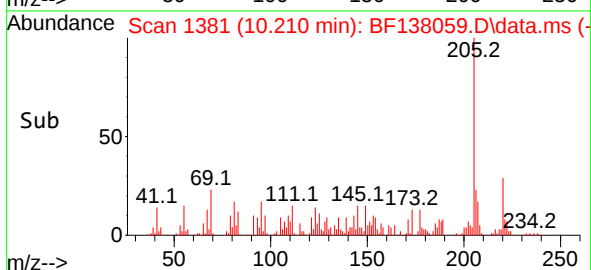
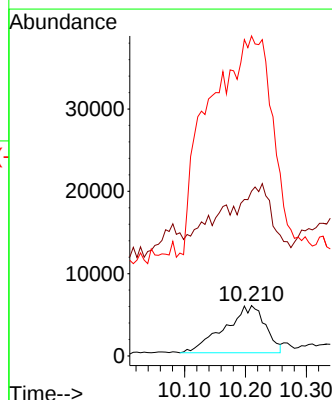
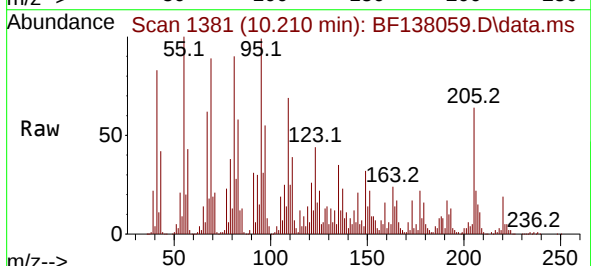
Manual Integrations
APPROVED

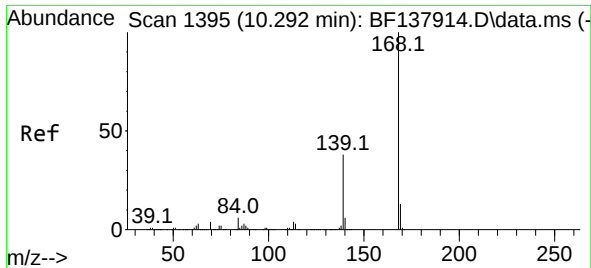
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#54
2,4-Dinitrophenol
Concen: 48.043 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.077 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

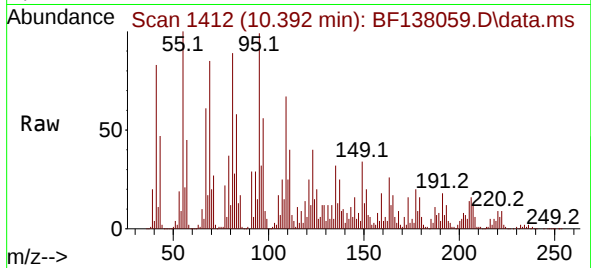
Tgt Ion:184 Resp: 26575
Ion Ratio Lower Upper
184 100
63 326.8 50.4 75.6#
154 634.3 63.7 95.5#





#55
Dibenzofuran
Concen: 53.880 ng m
RT: 10.392 min Scan# 1412
Delta R.T. 0.100 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

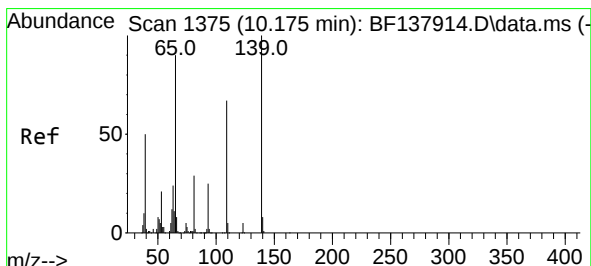
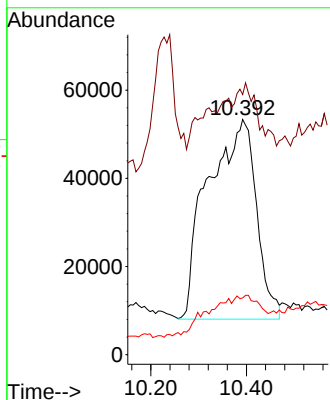
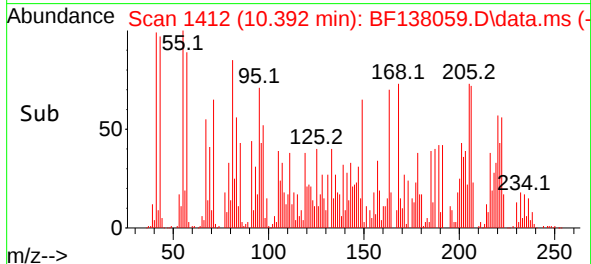
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:168 Resp: 316944
Ion Ratio Lower Upper
168 100
139 110.6 30.4 45.6
169 24.2 10.5 15.7

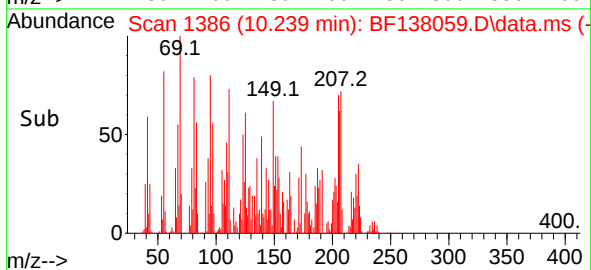
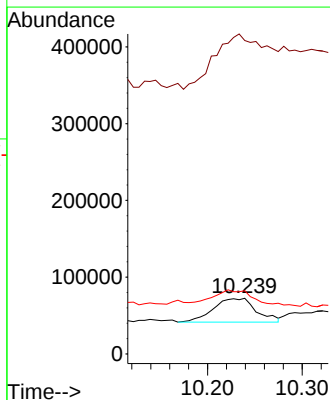
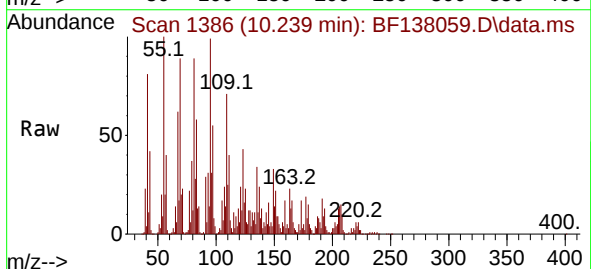
Manual Integrations
APPROVED

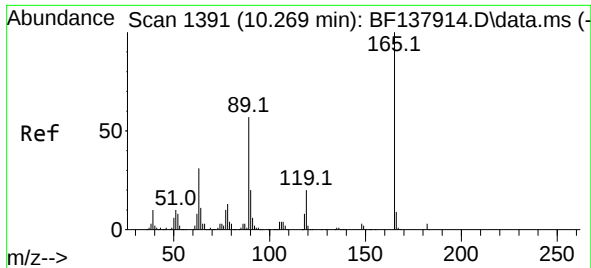
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#56
4-Nitrophenol
Concen: 126.751 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

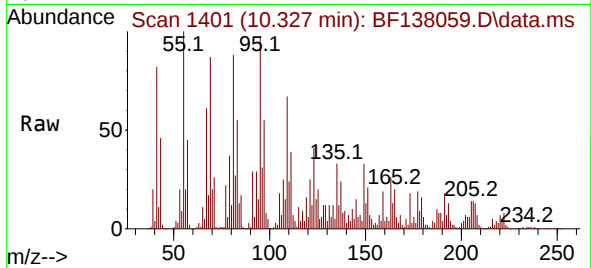
Tgt Ion:139 Resp: 97300
Ion Ratio Lower Upper
139 100
109 562.4 46.5 86.5#
65 113.4 70.4 110.4#





#57
2,4-Dinitrotoluene
Concen: 30.177 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.059 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

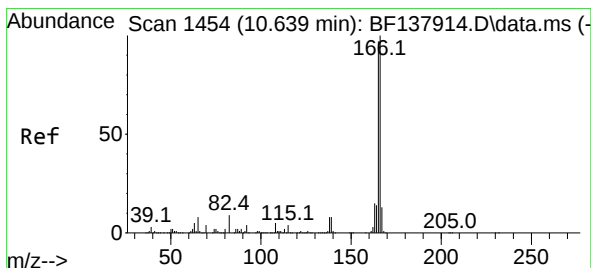
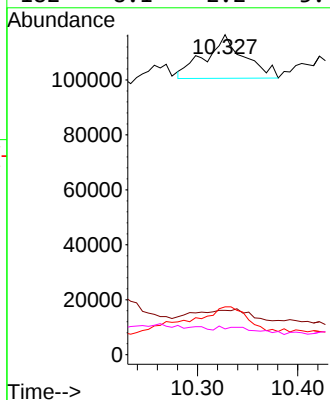
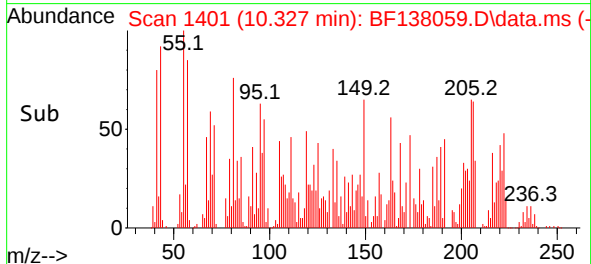
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



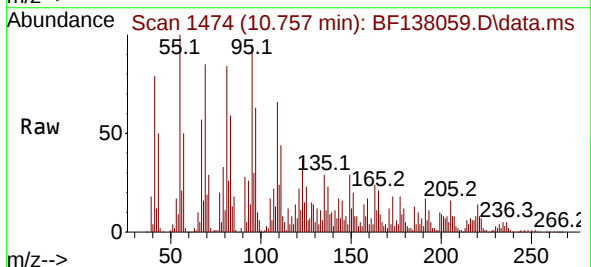
Tgt Ion:165 Resp: 4265
Ion Ratio Lower Upper
165 100
63 13.8 25.3 37.9
89 14.9 45.9 68.9
182 8.1 2.2 3.4#

Manual Integrations
APPROVED

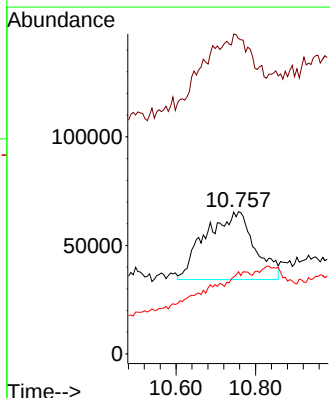
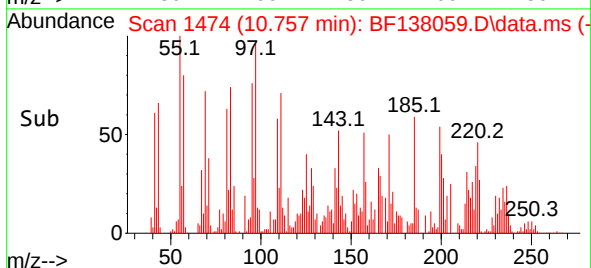
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

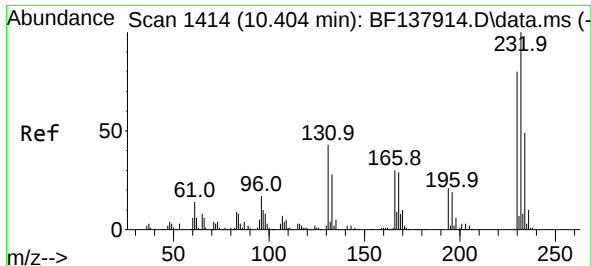


#58
Fluorene
Concen: 57.792 ng m
RT: 10.757 min Scan# 1474
Delta R.T. 0.118 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



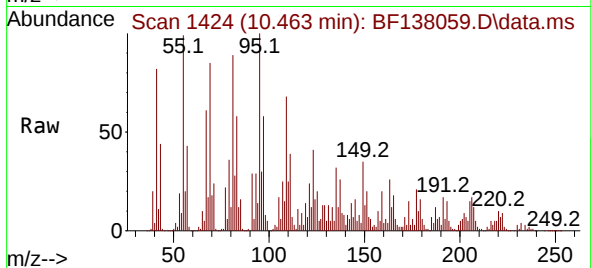
Tgt Ion:166 Resp: 268893
Ion Ratio Lower Upper
166 100
165 221.7 77.8 116.8#
167 57.8 10.4 15.6#





#59
2,3,4,6-Tetrachlorophenol
Concen: 162.547 ng
RT: 10.463 min Scan# 1414
Delta R.T. 0.059 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

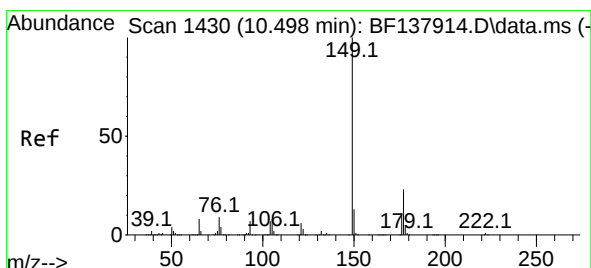
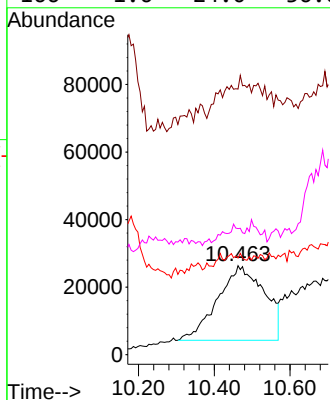
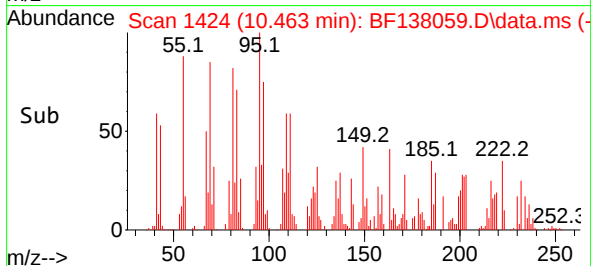
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:232 Resp: 189189
Ion Ratio Lower Upper
232 100
131 0.0 34.4 51.6#
130 1.6 1.7 2.5#
166 1.6 24.0 36.0#

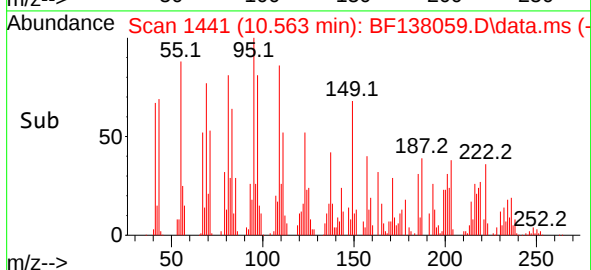
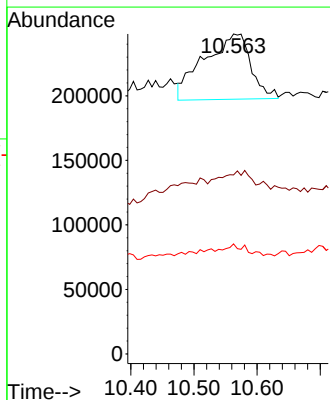
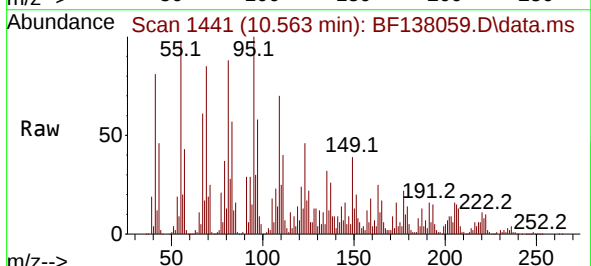
Manual Integrations
APPROVED

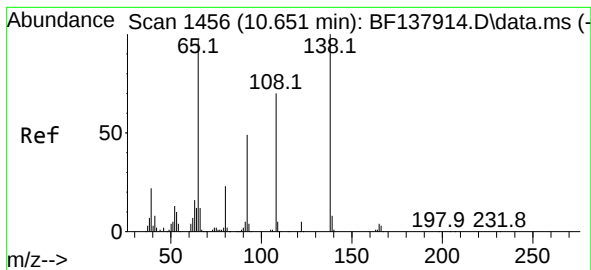
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#60
Diethylphthalate
Concen: 58.329 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:149 Resp: 259494
Ion Ratio Lower Upper
149 100
177 55.9 18.4 27.6#
150 34.4 10.1 15.1#





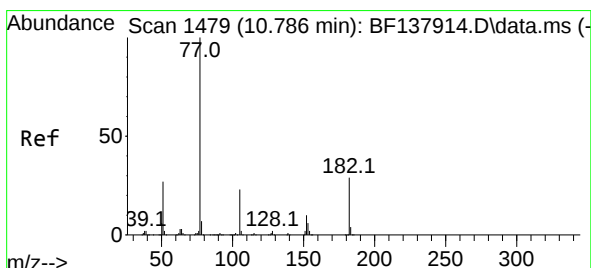
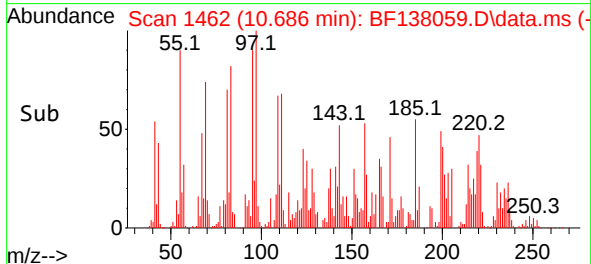
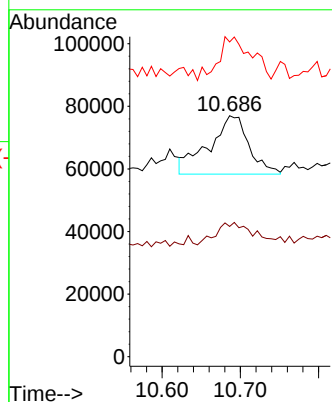
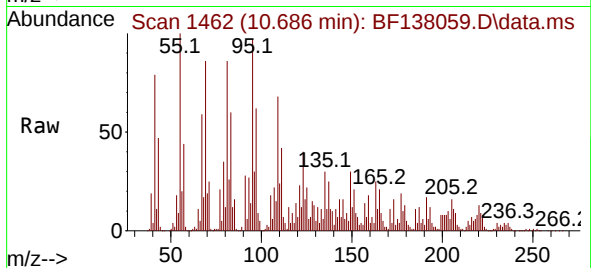
#62
4-Nitroaniline
Concen: 65.160 ng m
RT: 10.686 min Scan# 1456
Delta R.T. 0.035 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :
BNA_F
ClientSampleId :
EXPE2MSD

Tgt Ion:138 Resp: 6605
Ion Ratio Lower Upper
138 100
92 54.0 29.0 69.0
108 130.6 49.7 89.7

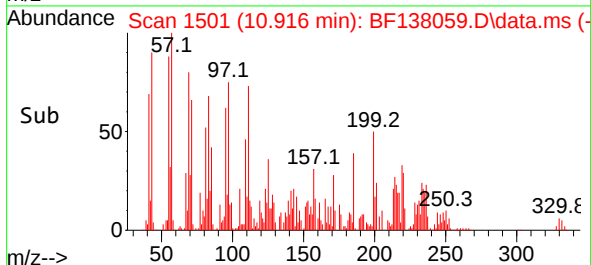
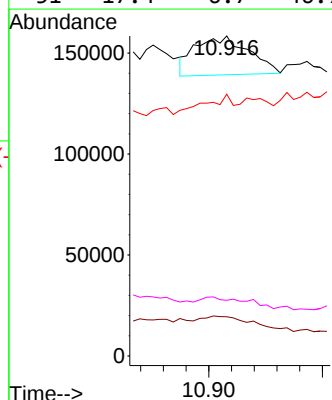
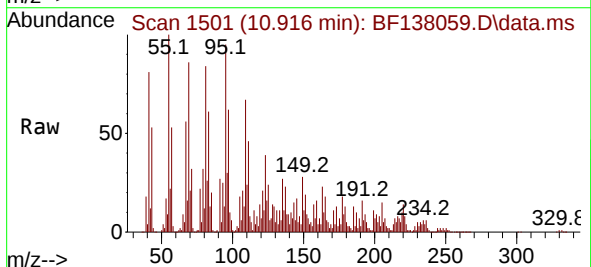
Manual Integrations
APPROVED

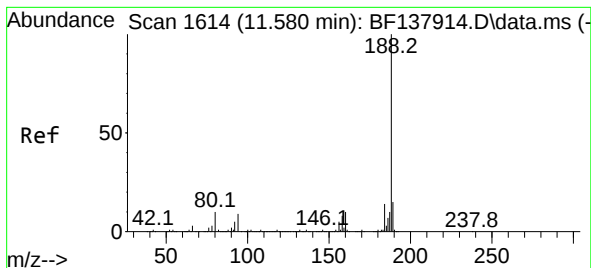
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#63
Azobenzene
Concen: 15.467 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.129 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

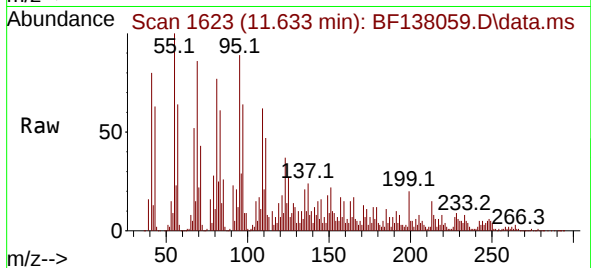
Tgt Ion: 77 Resp: 62590
Ion Ratio Lower Upper
77 100
182 12.2 9.2 49.2
105 81.8 3.1 43.1#
51 17.4 6.7 46.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.633 min Scan# 11633
Delta R.T. 0.053 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

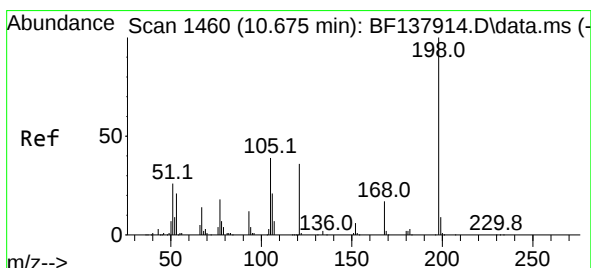
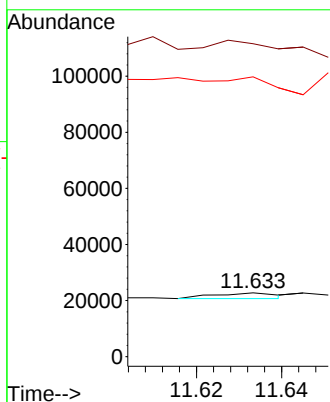
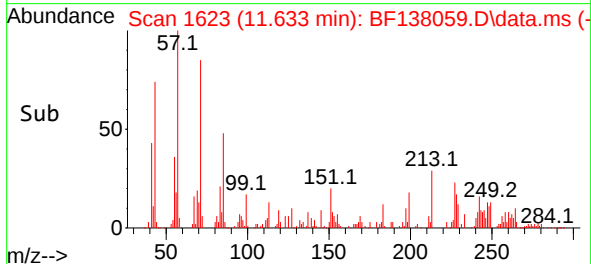
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



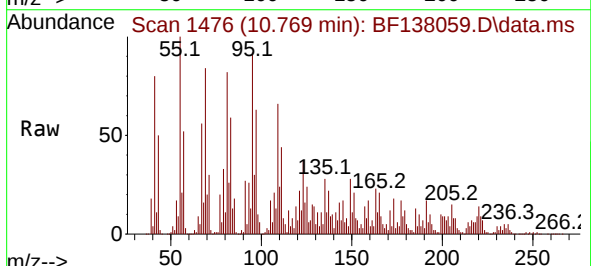
Tgt Ion:188 Resp: 206
Ion Ratio Lower Upper
188 100
94 489.9 7.0 10.4
80 438.1 7.7 11.5

Manual Integrations
APPROVED

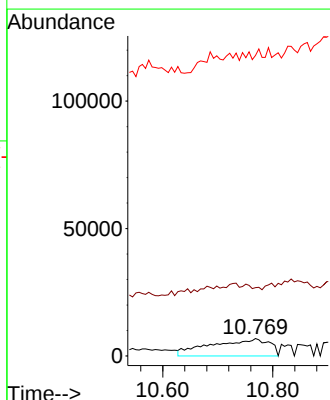
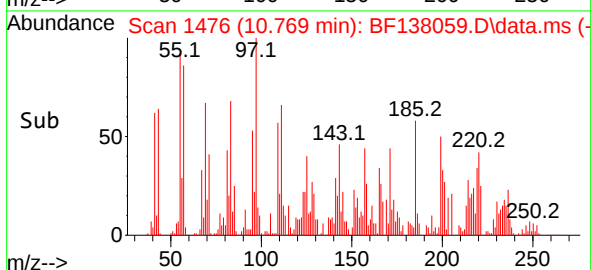
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

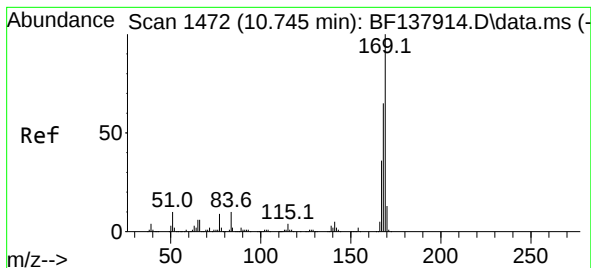


#65
4,6-Dinitro-2-methylphenol
Concen: 4139.347 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.094 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



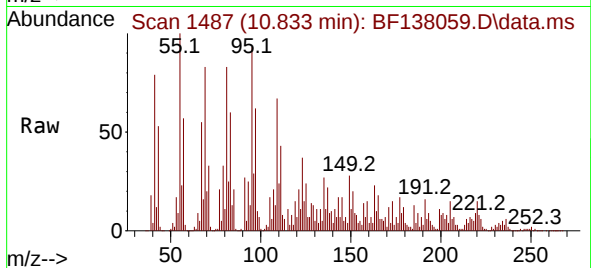
Tgt Ion:198 Resp: 49403
Ion Ratio Lower Upper
198 100
51 391.8 13.8 53.8#
105 1721.7 19.0 59.0#





#66
n-Nitrosodiphenylamine
Concen: 3793.527 ng
RT: 10.833 min Scan# 1472
Delta R.T. 0.088 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

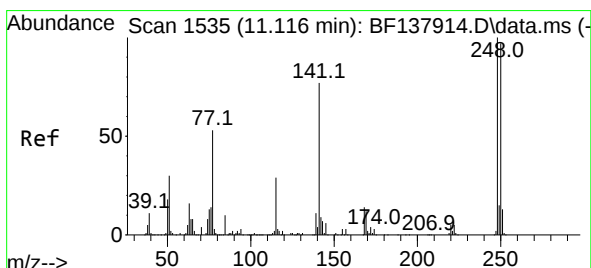
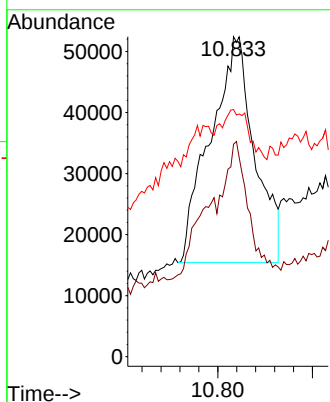
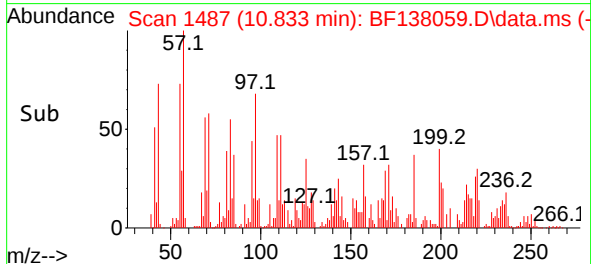
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



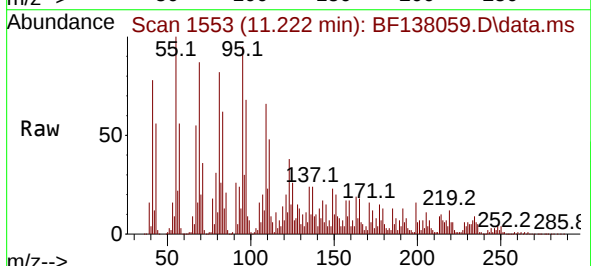
Tgt Ion:169 Resp: 240460
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 77.2 28.9 43.3

Manual Integrations
APPROVED

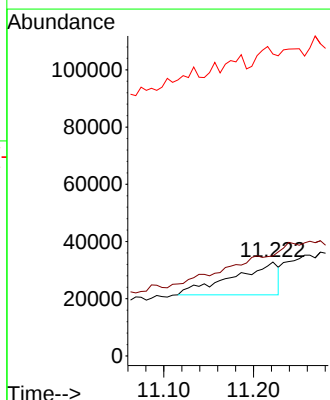
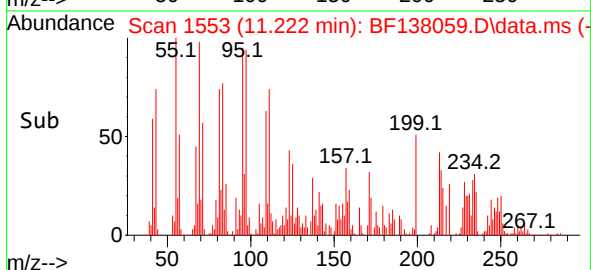
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

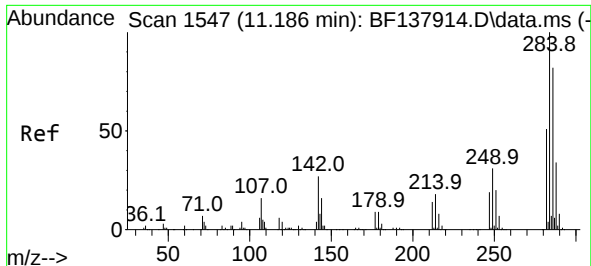


#67
4-Bromophenyl-phenylether
Concen: 1798.440 ng
RT: 11.222 min Scan# 1553
Delta R.T. 0.106 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



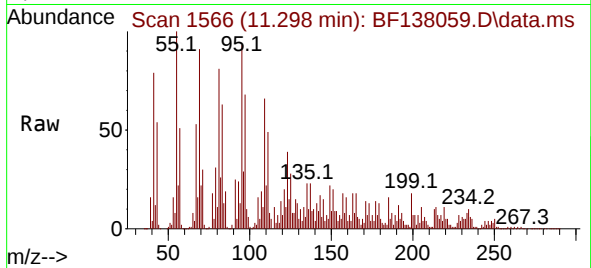
Tgt Ion:248 Resp: 40753
Ion Ratio Lower Upper
248 100
250 106.5 77.6 116.4
141 321.7 61.4 92.2#





#68
Hexachlorobenzene
Concen: 580.160 ng
RT: 11.298 min Scan# 1157
Delta R.T. 0.112 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

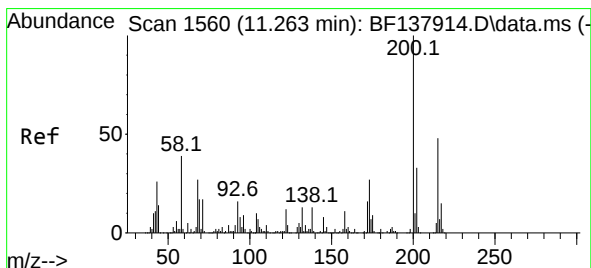
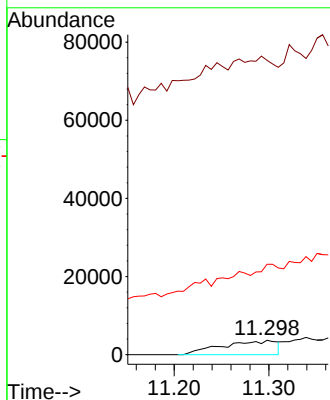
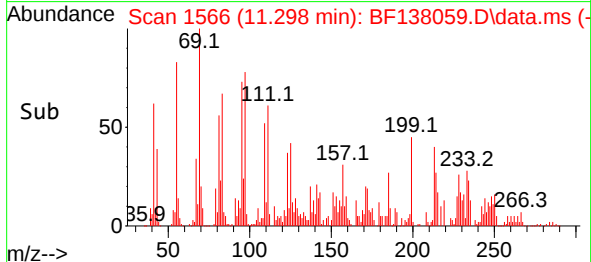
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



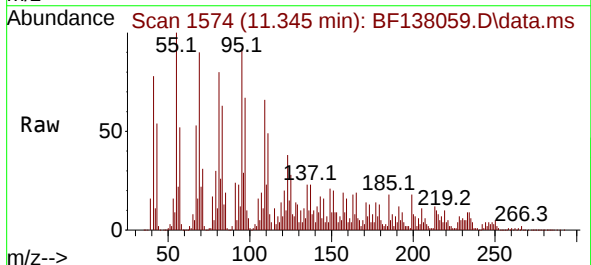
Tgt Ion:284 Resp: 14532
Ion Ratio Lower Upper
284 100
142 2042.1 21.3 31.9
249 626.8 24.6 37.0

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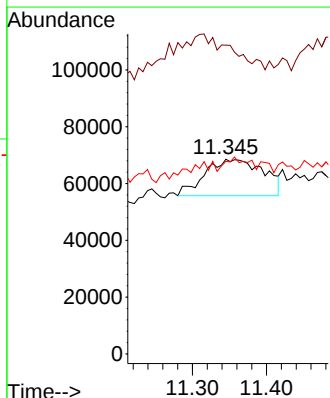
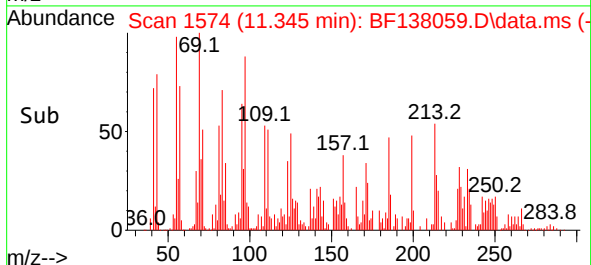
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

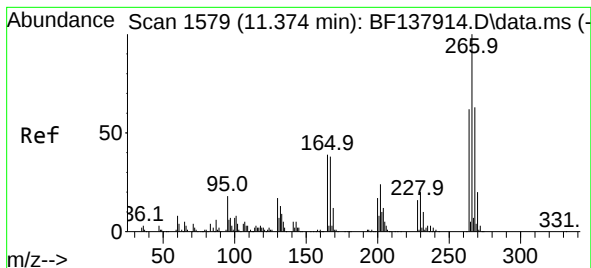


#69
Atrazine
Concen: 4073.652 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.082 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion:200 Resp: 70512
Ion Ratio Lower Upper
200 100
173 158.6 6.6 46.6#
215 99.0 27.5 67.5#





#70

Pentachlorophenol

Concen: 9840.557 ng m

RT: 11.398 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

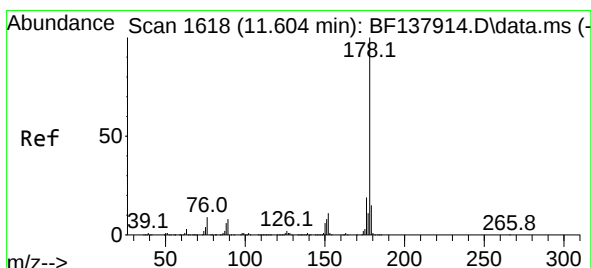
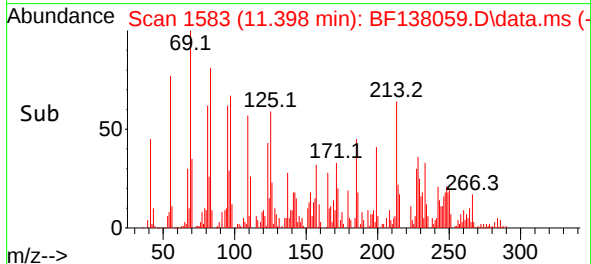
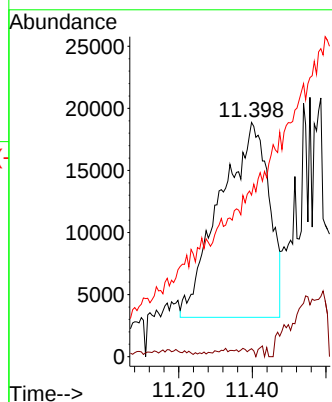
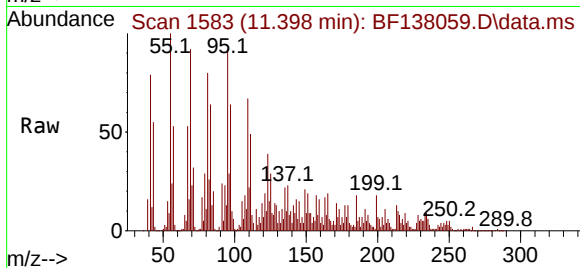
Tgt Ion:266 Resp: 14438

Ion	Ratio	Lower	Upper
266	100		
268	3.4	50.1	75.1
264	69.0	49.4	74.2

Manual Integrations

APPROVED

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



#71

Phenanthrene

Concen: 1473.760 ng m

RT: 11.786 min Scan# 1649

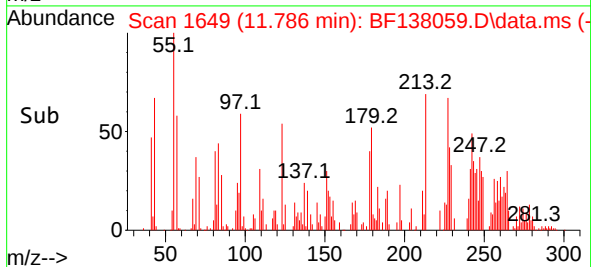
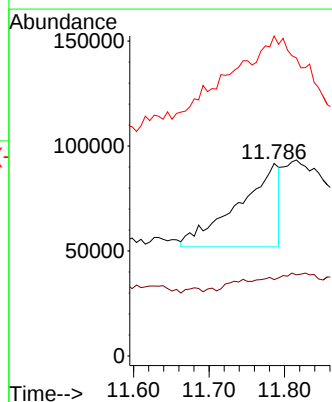
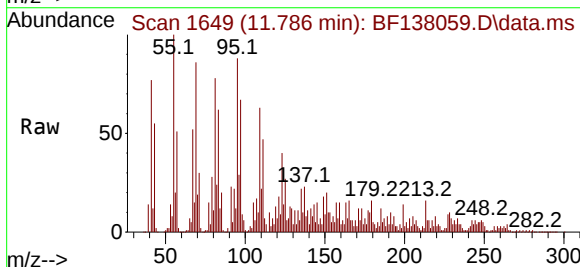
Delta R.T. 0.182 min

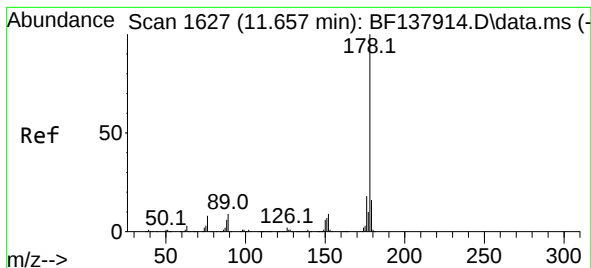
Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:178 Resp: 150117

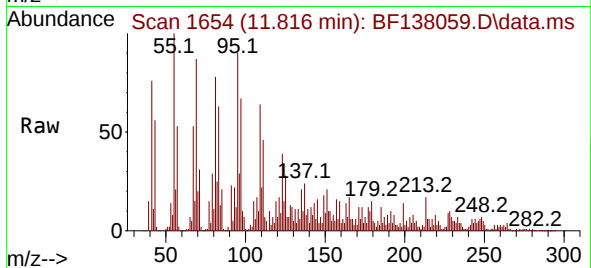
Ion	Ratio	Lower	Upper
178	100		
176	39.6	15.2	22.8
179	166.3	12.2	18.4





#72
 Anthracene
 Concen: 2087.092 ng m
 RT: 11.816 min Scan# 1654
 Delta R.T. 0.159 min
 Lab File: BF138059.D
 Acq: 29 May 2024 15:12

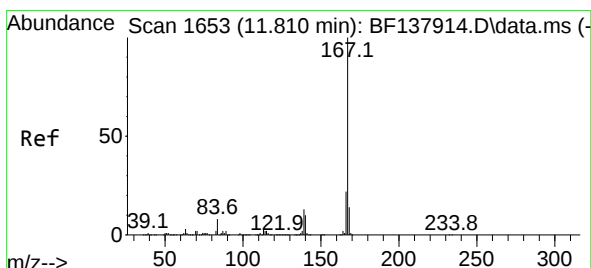
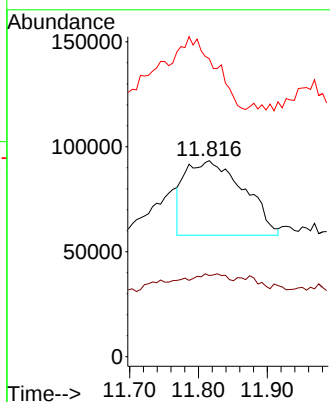
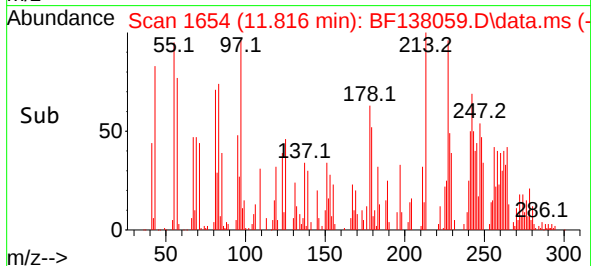
Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MSD



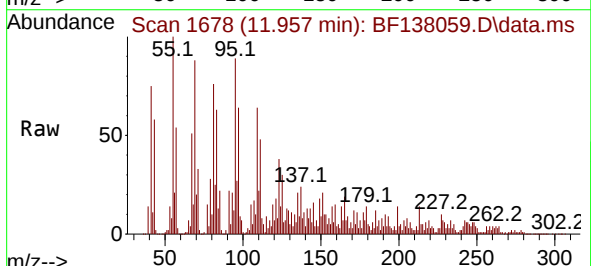
Tgt Ion:178 Resp: 210929
 Ion Ratio Lower Upper
 178 100
 176 41.4 14.7 22.1#
 179 152.1 12.4 18.6#

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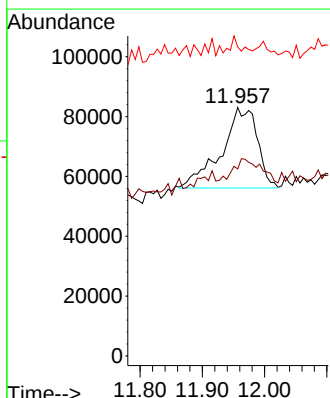
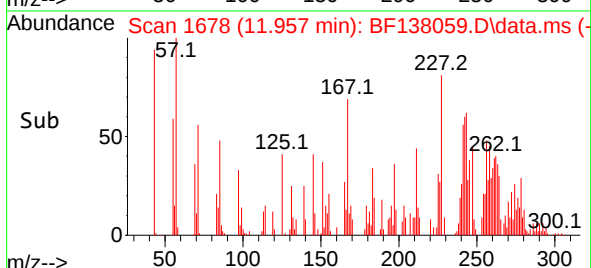
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

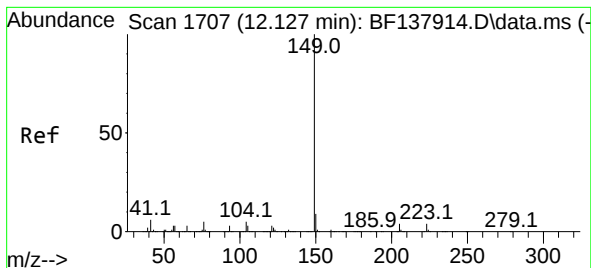


#73
 Carbazole
 Concen: 1168.488 ng m
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.147 min
 Lab File: BF138059.D
 Acq: 29 May 2024 15:12



Tgt Ion:167 Resp: 107876
 Ion Ratio Lower Upper
 167 100
 166 75.3 17.3 25.9#
 139 124.4 10.3 15.5#





#74

Di-n-butylphthalate

Concen: 156.281 ng

RT: 12.174 min Scan# 11

Delta R.T. 0.047 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

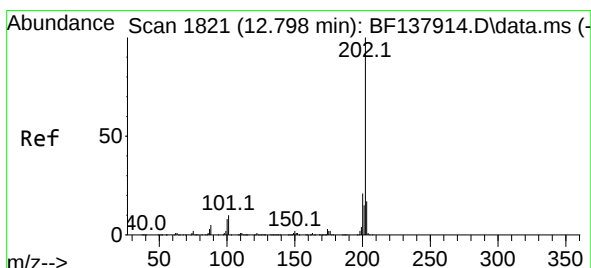
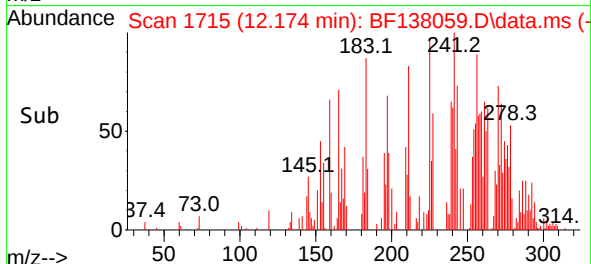
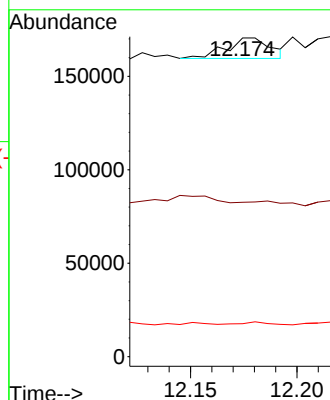
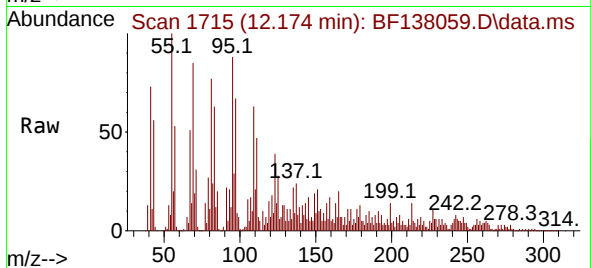
Tgt Ion:149 Resp: 1601

Ion	Ratio	Lower	Upper
149	100		
150	48.5	7.4	11.2
104	10.4	3.6	5.4

Manual Integrations

APPROVED

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



#75

Fluoranthene

Concen: 1584.364 ng m

RT: 13.021 min Scan# 1859

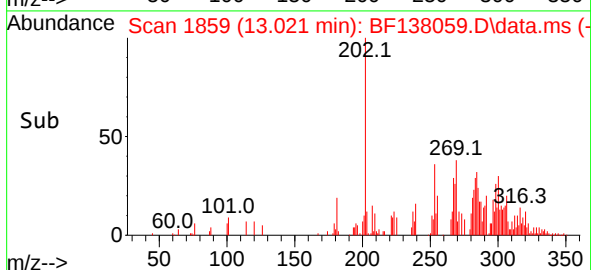
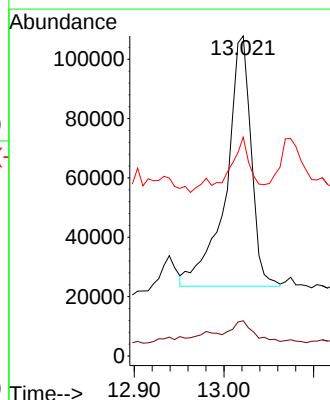
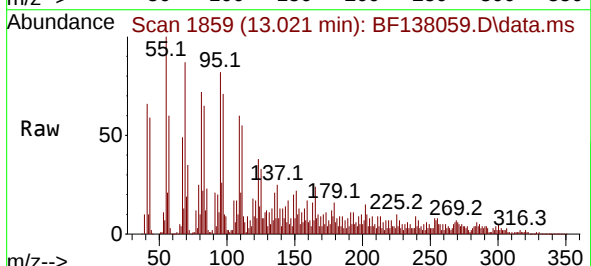
Delta R.T. 0.224 min

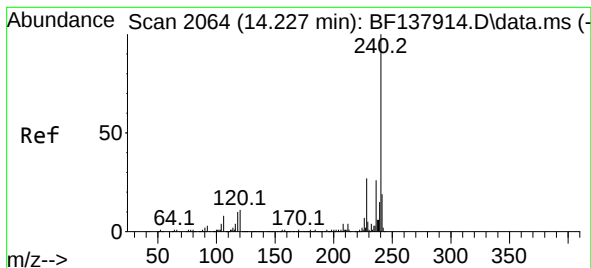
Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:202 Resp: 163807

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.5
203	68.3	0.0	37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.304 min Scan# 2064

Delta R.T. 0.076 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

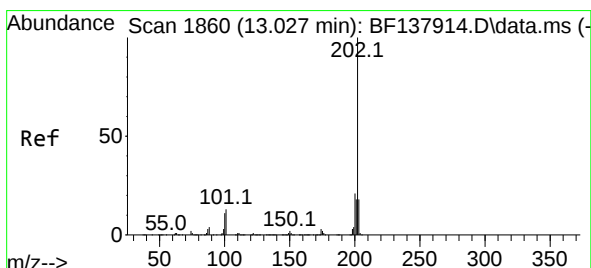
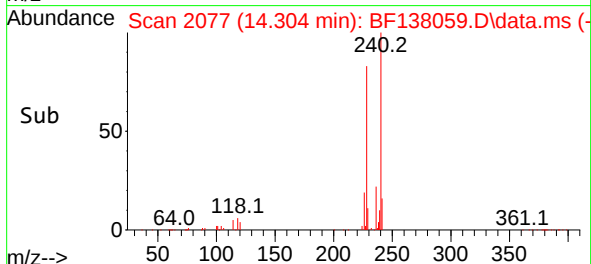
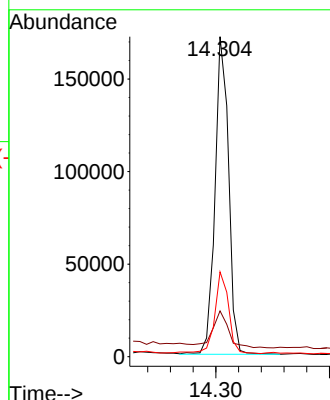
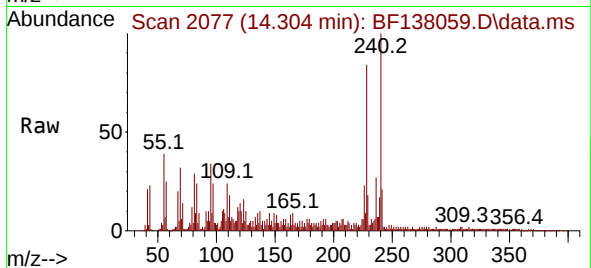
Tgt Ion:240 Resp: 142475

Ion	Ratio	Lower	Upper
240	100		
120	14.3	8.9	13.3
236	26.5	21.0	31.4

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 21.692 ng m

RT: 13.245 min Scan# 1897

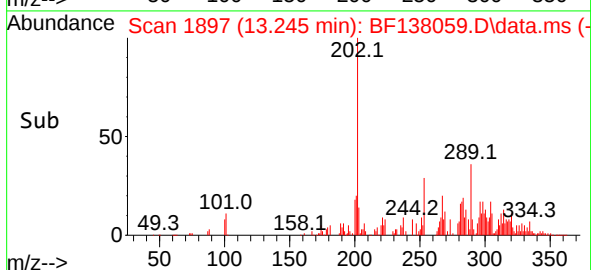
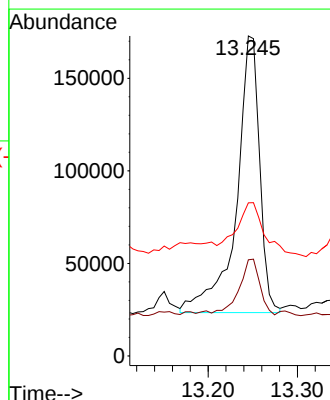
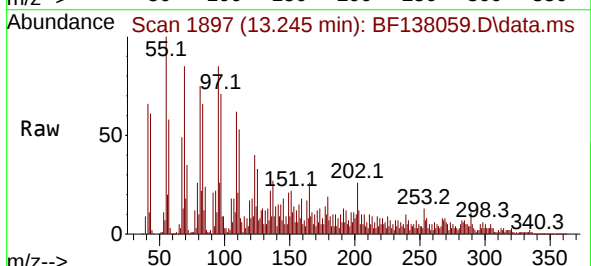
Delta R.T. 0.218 min

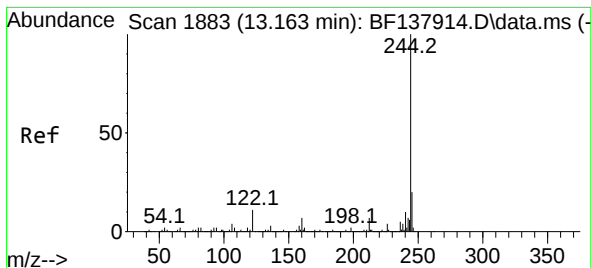
Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:202 Resp: 270309

Ion	Ratio	Lower	Upper
202	100		
200	30.0	17.0	25.4
203	47.9	14.1	21.1





#79

Terphenyl-d14

Concen: 50.084 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.182 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXPE2MSD

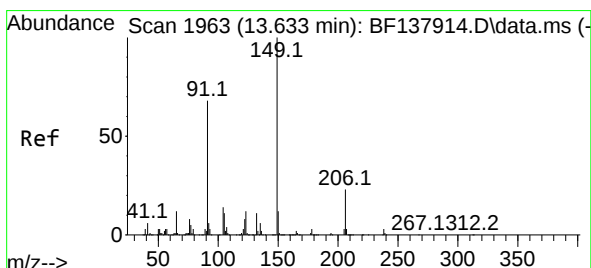
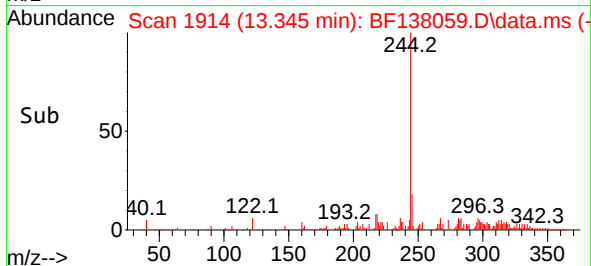
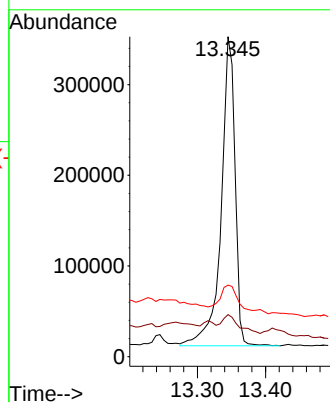
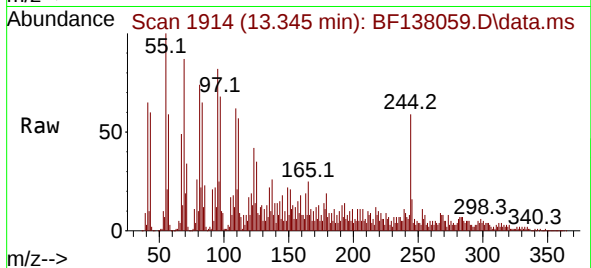
Tgt Ion:244 Resp: 48417

Ion	Ratio	Lower	Upper
244	100		
212	13.1	5.6	8.4
122	22.4	8.8	13.2

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 63.608 ng

RT: 13.733 min Scan# 1980

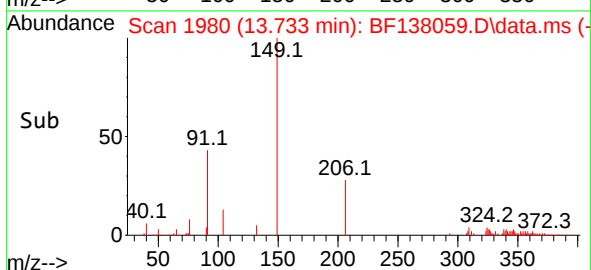
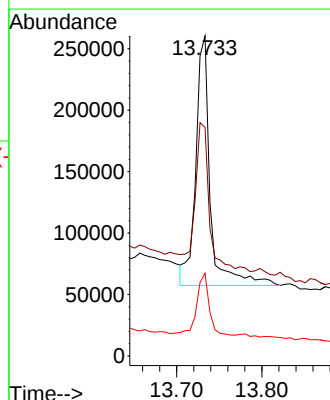
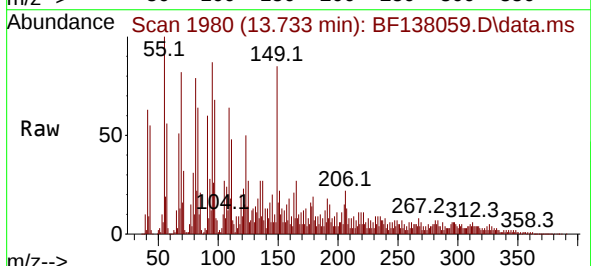
Delta R.T. 0.100 min

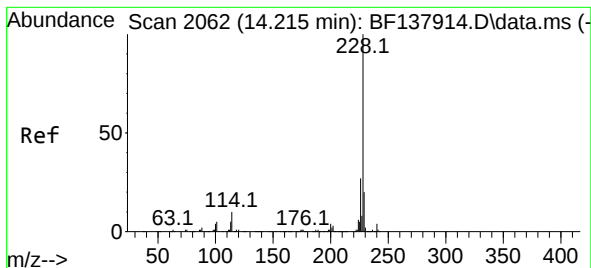
Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:149 Resp: 239086

Ion	Ratio	Lower	Upper
149	100		
91	71.4	54.2	81.4
206	25.8	18.1	27.1





#81
Benzo(a)anthracene
Concen: 43.338 ng
RT: 14.298 min Scan# 2064
Delta R.T. 0.082 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Instrument :

BNF_F

ClientSampleId :

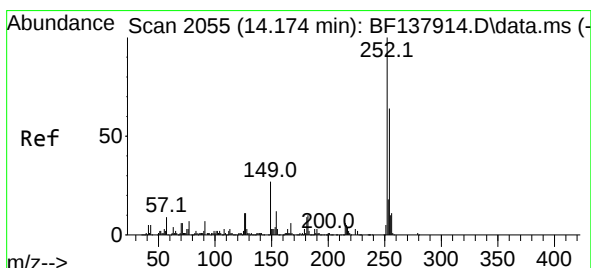
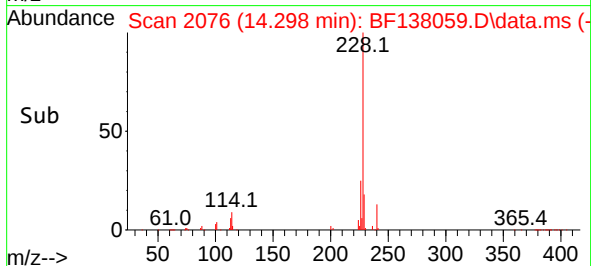
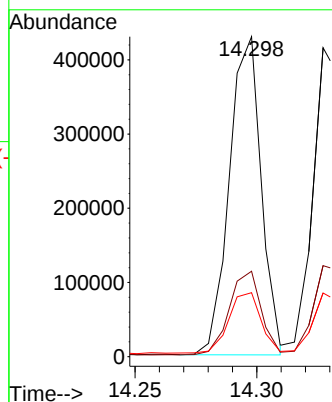
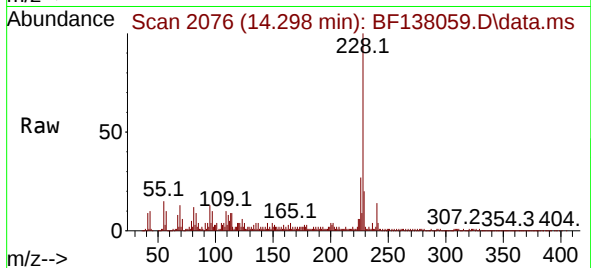
EXPE2MSD

Tgt Ion:228 Resp: 39064
Ion Ratio Lower Upper
228 100
226 26.7 21.3 31.9
229 20.0 15.7 23.5

Manual Integrations

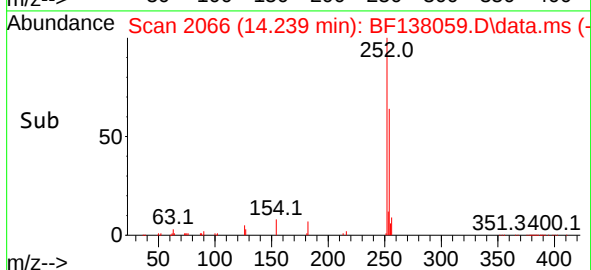
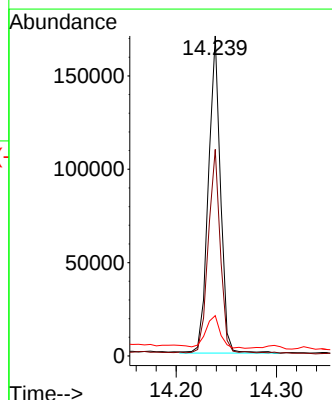
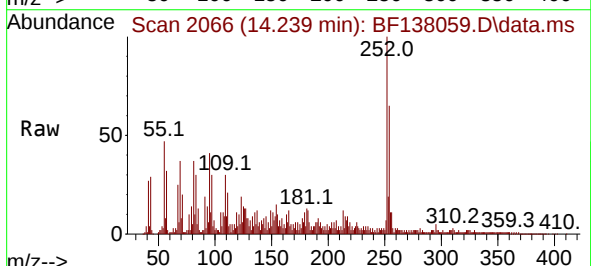
APPROVED

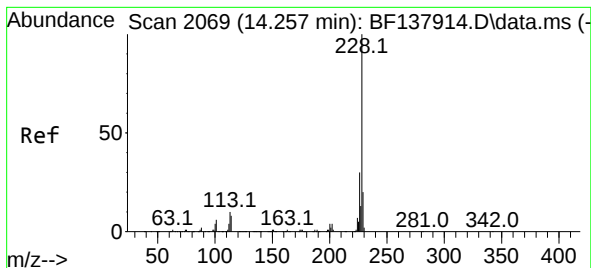
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#82
3,3'-Dichlorobenzidine
Concen: 57.299 ng
RT: 14.239 min Scan# 2066
Delta R.T. 0.065 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:252 Resp: 143133
Ion Ratio Lower Upper
252 100
254 64.5 51.2 76.8
126 12.6 8.7 13.1





#83

Chrysene

Concen: 42.300 ng

RT: 14.327 min Scan# 2069

Delta R.T. 0.071 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

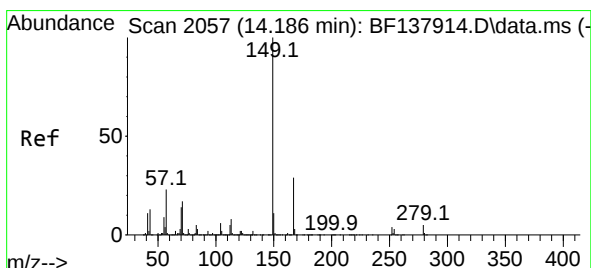
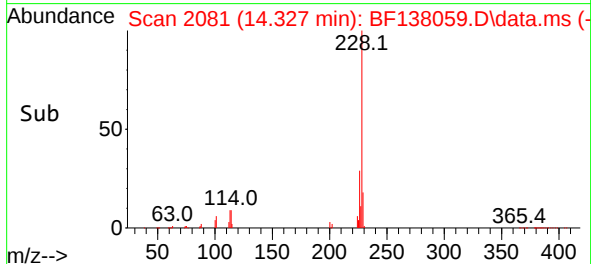
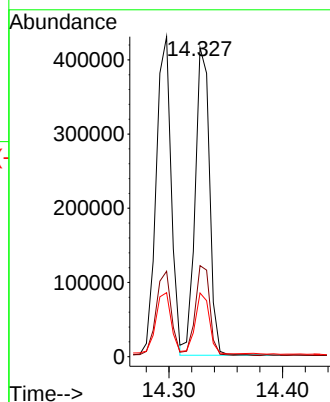
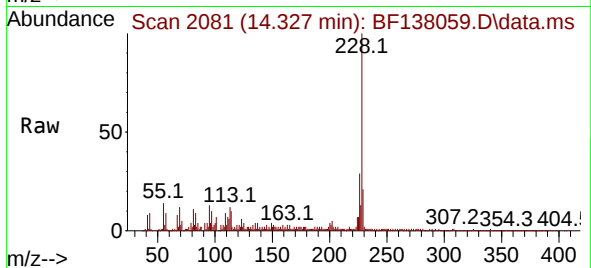
EXPE2MSD

Tgt Ion:228 Resp: 36465
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.8 35.8
 229 20.6 15.6 23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.202 ng

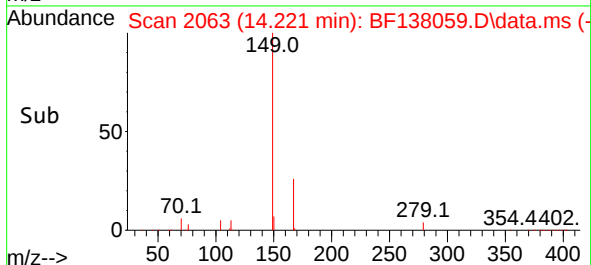
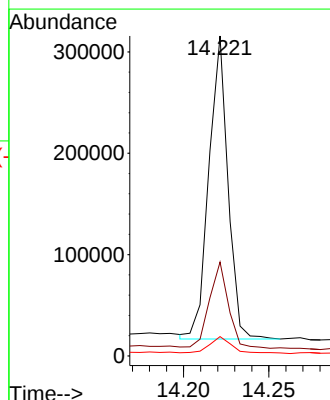
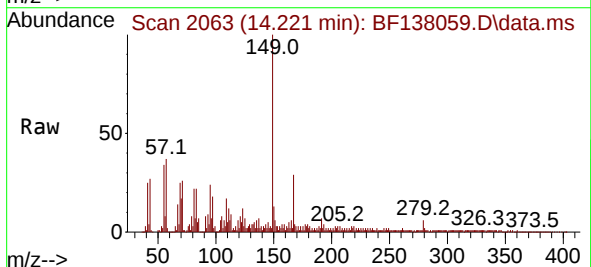
RT: 14.221 min Scan# 2063

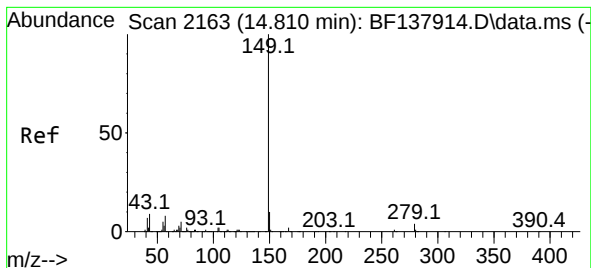
Delta R.T. 0.035 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

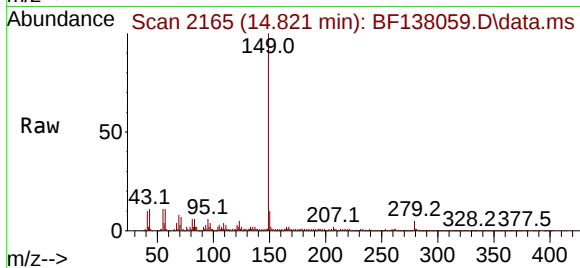
Tgt Ion:149 Resp: 232476
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.2 34.8
 279 6.1 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 34.935 ng
RT: 14.821 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

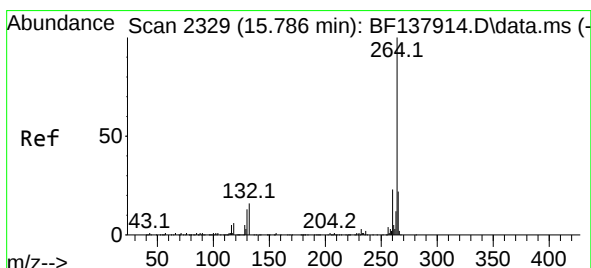
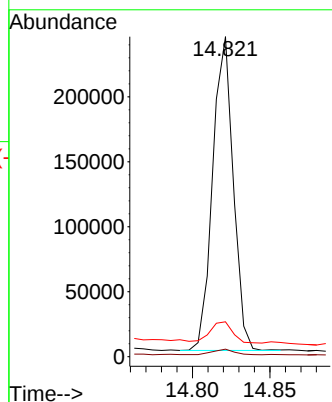
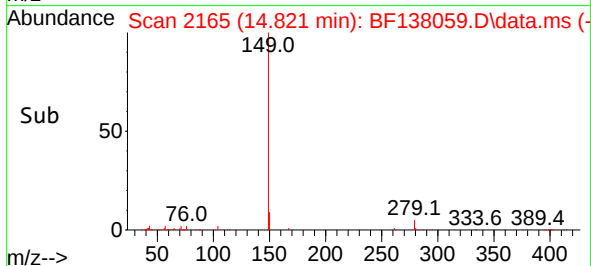
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



Tgt Ion:149 Resp: 222997
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.5 6.6 9.8

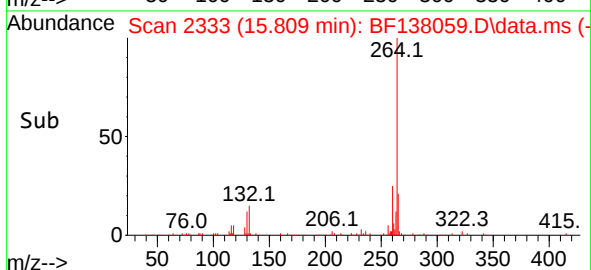
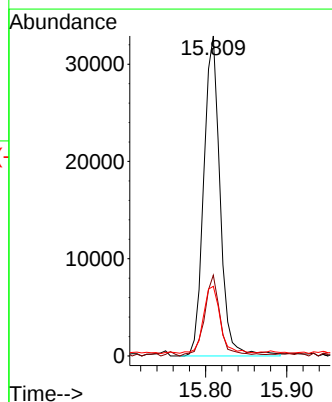
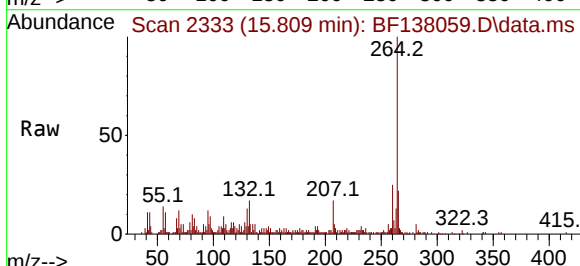
Manual Integrations
APPROVED

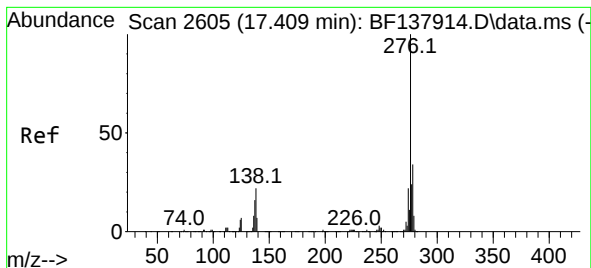
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.809 min Scan# 2333
Delta R.T. 0.024 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

Tgt Ion:264 Resp: 45965
Ion Ratio Lower Upper
264 100
260 25.3 18.3 27.5
265 21.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.554 ng

RT: 17.433 min Scan# 2

Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

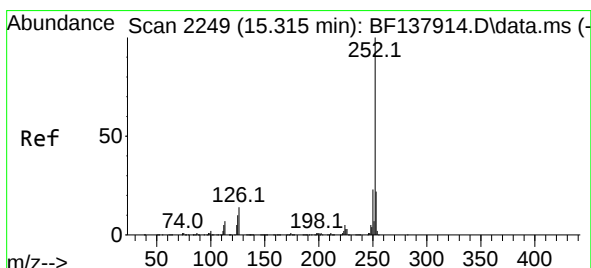
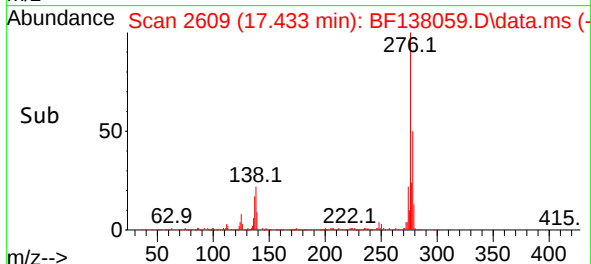
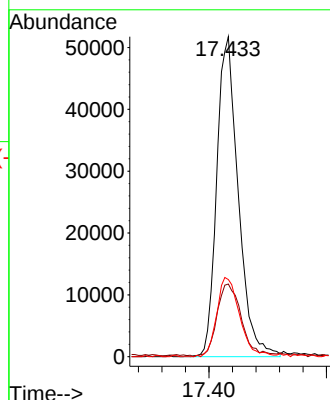
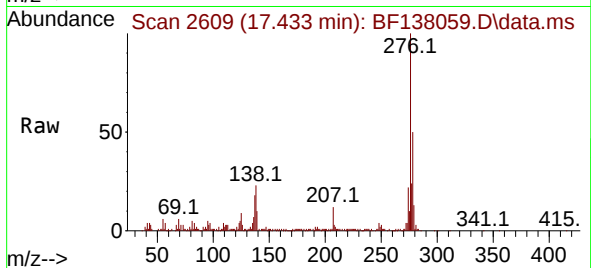
EXPE2MSD

Tgt Ion:	276	Resp:	131574
Ion Ratio	Lower	Upper	
276	100		
138	26.0	20.6	30.8
277	26.2	20.2	30.2

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 62.133 ng

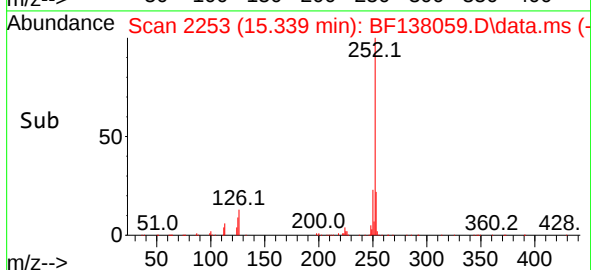
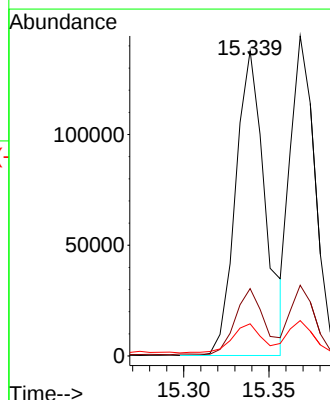
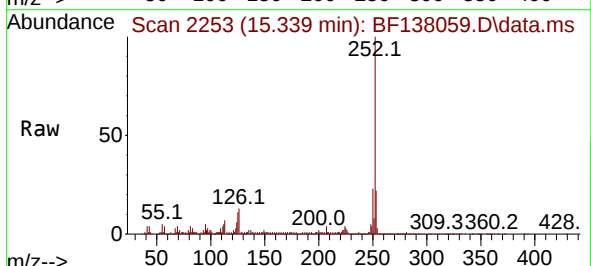
RT: 15.339 min Scan# 2253

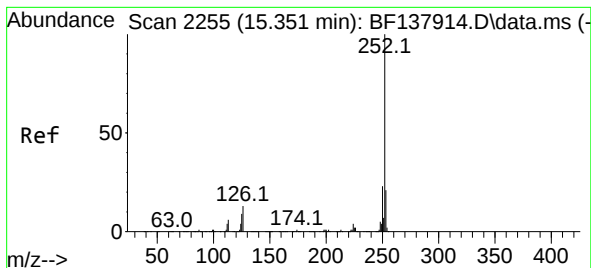
Delta R.T. 0.024 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Tgt Ion:	252	Resp:	165361
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.5	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 55.916 ng

RT: 15.368 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

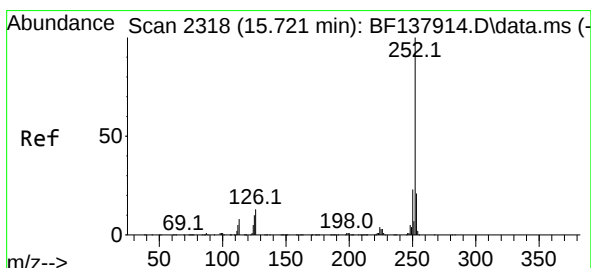
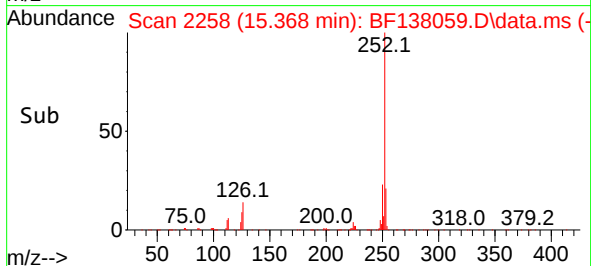
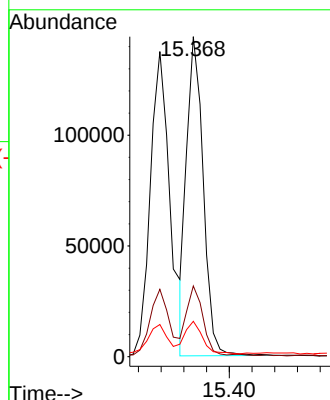
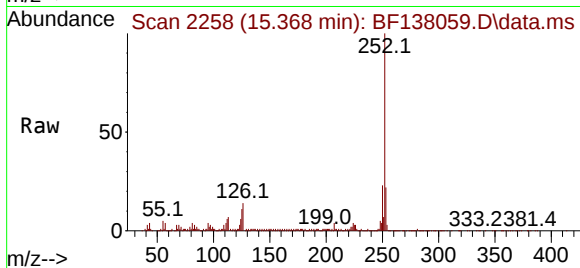
EXPE2MSD

Tgt Ion:252 Resp: 14619
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 11.0 7.7 11.5

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 48.187 ng

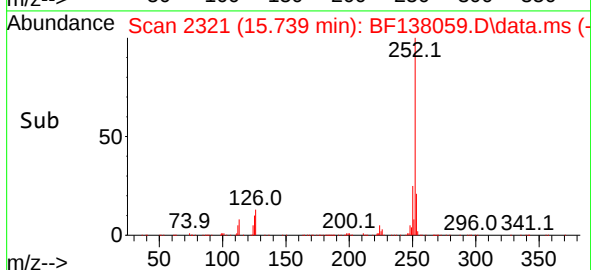
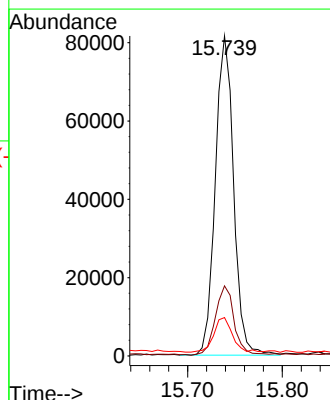
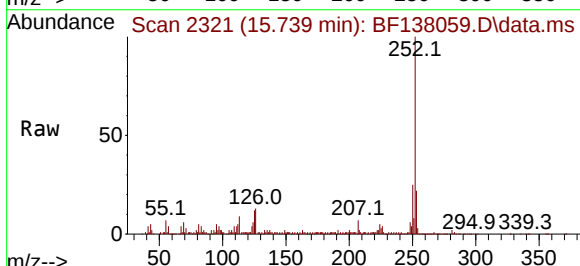
RT: 15.739 min Scan# 2321

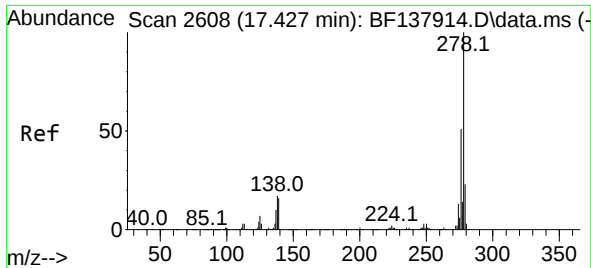
Delta R.T. 0.018 min

Lab File: BF138059.D

Acq: 29 May 2024 15:12

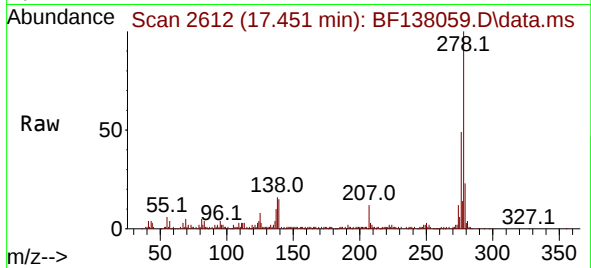
Tgt Ion:252 Resp: 109508
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.6
 125 12.0 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 45.430 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.024 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12

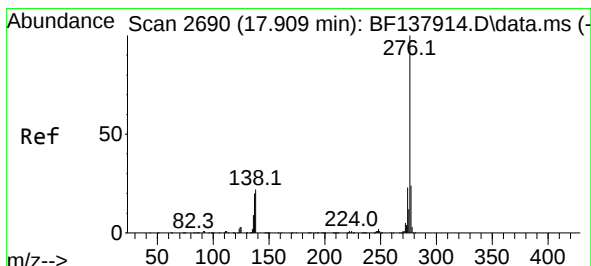
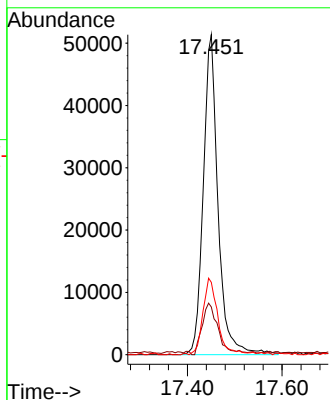
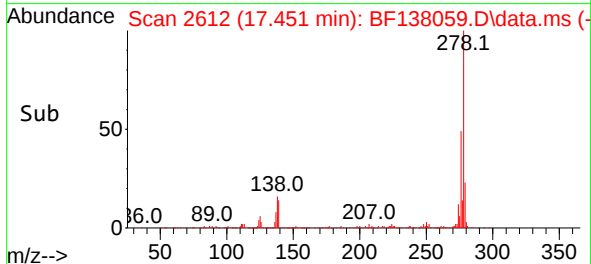
Instrument :
BNA_F
ClientSampleId :
EXPE2MSD



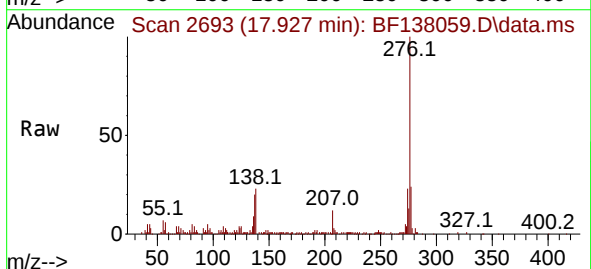
Tgt Ion:278 Resp: 110840
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 22.6 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.760 ng
RT: 17.927 min Scan# 2693
Delta R.T. 0.018 min
Lab File: BF138059.D
Acq: 29 May 2024 15:12



Tgt Ion:276 Resp: 117289
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 22.5 17.6 26.4

