

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139914.D
 Acq On : 21 Oct 2024 20:32
 Operator : RC/JU
 Sample : P4419-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD

Quant Time: Oct 22 01:20:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	130734	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	435954	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	207044	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	353526	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	219663	20.000	ng	0.00
86) Perylene-d12	15.539	264	191968	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	864546	103.526	ng	0.02
7) Phenol-d6	6.510	99	1068913	98.828	ng	0.00
23) Nitrobenzene-d5	7.451	82	637237	81.013	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	223502	115.408	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	899868	71.831	ng	0.00
79) Terphenyl-d14	13.004	244	826375	61.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	188299	48.361	ng	97
3) Pyridine	3.499	79	477302	49.455	ng	100
4) n-Nitrosodimethylamine	3.452	42	273365	52.719	ng	100
6) Aniline	6.551	93	361812	35.893	ng	99
8) 2-Chlorophenol	6.675	128	442375	51.817	ng	99
9) Benzaldehyde	6.440	77	110558	18.170	ng	98
10) Phenol	6.528	94	581563m	52.155	ng	
11) bis(2-Chloroethyl)ether	6.628	93	453156	52.579	ng	100
12) 1,3-Dichlorobenzene	6.834	146	479386	48.917	ng	99
13) 1,4-Dichlorobenzene	6.910	146	482780	49.309	ng	99
14) 1,2-Dichlorobenzene	7.063	146	456437	49.950	ng	99
15) Benzyl Alcohol	7.028	79	405071	51.056	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	731039	49.744	ng	99
17) 2-Methylphenol	7.140	107	357583	49.120	ng	100
18) Hexachloroethane	7.404	117	147194	42.159	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	319944	48.773	ng	97
20) 3+4-Methylphenols	7.292	107	445899	47.888	ng	# 84
22) Acetophenone	7.298	105	589724	55.228	ng	99
24) Nitrobenzene	7.475	77	462958	53.682	ng	99
25) Isophorone	7.710	82	822101	55.066	ng	99
26) 2-Nitrophenol	7.787	139	189017	58.097	ng	98
27) 2,4-Dimethylphenol	7.822	122	340338	62.735	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	491123	54.296	ng	98
29) 2,4-Dichlorophenol	8.028	162	325630	52.698	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	345488	50.529	ng	99
31) Naphthalene	8.198	128	1152723	51.269	ng	100
32) Benzoic acid	7.922	122	234230	49.503	ng	96
33) 4-Chloroaniline	8.239	127	169402	22.096	ng	99
34) Hexachlorobutadiene	8.316	225	226524	52.729	ng	100
35) Caprolactam	8.598	113	116327	59.206	ng	# 84
36) 4-Chloro-3-methylphenol	8.716	107	332636	48.616	ng	99
37) 2-Methylnaphthalene	8.886	142	679816	49.369	ng	100
38) 1-Methylnaphthalene	8.986	142	628892	46.550	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	317228	56.793	ng	99
41) Hexachlorocyclopentadiene	9.039	237	105930	54.503	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	219318	55.458	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	213935	52.434	ng	96
46) 1,1'-Biphenyl	9.351	154	780261	54.135	ng	100
47) 2-Chloronaphthalene	9.375	162	604418	52.066	ng	99
48) 2-Nitroaniline	9.469	65	214962	60.545	ng	94
49) Acenaphthylene	9.792	152	913331	54.421	ng	99
50) Dimethylphthalate	9.651	163	699542	54.244	ng	100
51) 2,6-Dinitrotoluene	9.710	165	137647	49.295	ng	98
52) Acenaphthene	9.969	154	565907	52.126	ng	99
53) 3-Nitroaniline	9.875	138	142625	49.530	ng	100
54) 2,4-Dinitrophenol	9.981	184	35986	35.015	ng	81
55) Dibenzofuran	10.139	168	806946	51.805	ng	99
56) 4-Nitrophenol	10.028	139	258658	116.755	ng	97
57) 2,4-Dinitrotoluene	10.110	165	175165	51.012	ng	# 99
58) Fluorene	10.481	166	620230	52.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	171768	53.702	ng	# 97
60) Diethylphthalate	10.351	149	670868	52.981	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	303779	50.703	ng	100
62) 4-Nitroaniline	10.486	138	143901	52.912	ng	99
63) Azobenzene	10.633	77	716946	53.408	ng	93
65) 4,6-Dinitro-2-methylph...	10.522	198	27186	18.853	ng	# 64
66) n-Nitrosodiphenylamine	10.586	169	614128	58.041	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	194148	53.308	ng	99
68) Hexachlorobenzene	11.028	284	211775	51.703	ng	99
69) Atrazine	11.116	200	186610	65.107	ng	99
70) Pentachlorophenol	11.222	266	276377	111.178	ng	99
71) Phenanthrene	11.445	178	974332	58.346	ng	99
72) Anthracene	11.498	178	999042	61.317	ng	99
73) Carbazole	11.651	167	850430	56.123	ng	99
74) Di-n-butylphthalate	11.980	149	1026526	58.636	ng	100
75) Fluoranthene	12.633	202	1064175	63.038	ng	99
77) Benzidine	12.751	184	432650	119.781	ng	99
78) Pyrene	12.863	202	1081259	56.234	ng	100
80) Butylbenzylphthalate	13.474	149	418659	72.627	ng	97
81) Benzo(a)anthracene	14.051	228	842341	58.908	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	247304	59.317	ng	100
83) Chrysene	14.086	228	719453	54.875	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	526835	81.459	ng	# 98
85) Di-n-octyl phthalate	14.651	149	802185	68.192	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	582408	47.159	ng	98
88) Benzo(b)fluoranthene	15.104	252	641069	54.821	ng	99
89) Benzo(k)fluoranthene	15.133	252	622871	61.762	ng	100
90) Benzo(a)pyrene	15.474	252	589245	61.239	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	474682	46.075	ng	99
92) Benzo(g,h,i)perylene	17.486	276	418831	40.699	ng	98

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

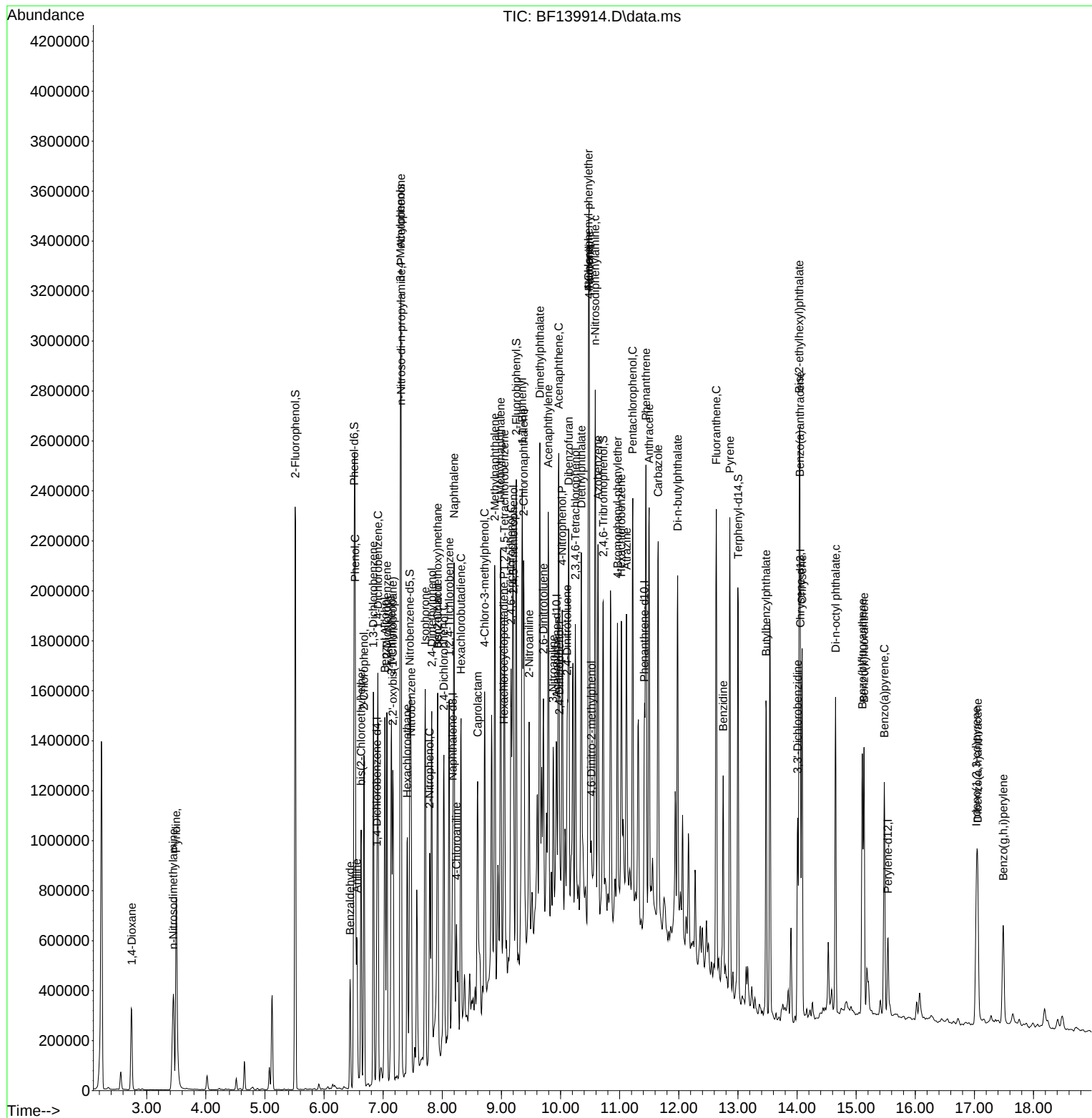
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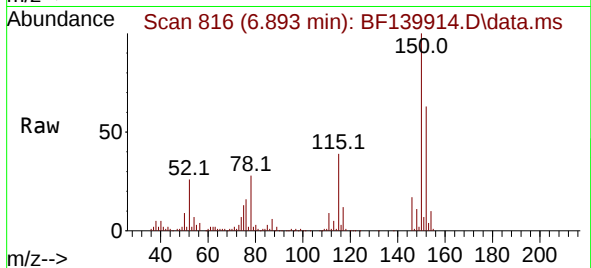
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

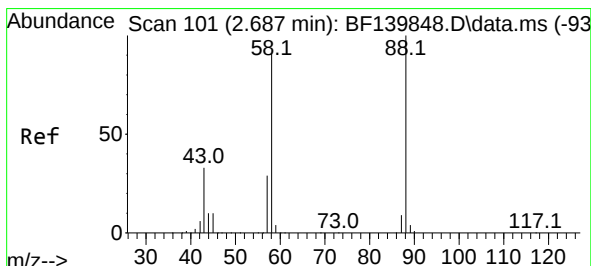
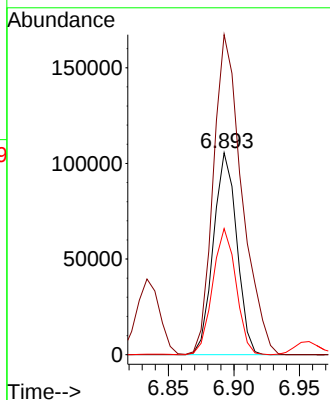
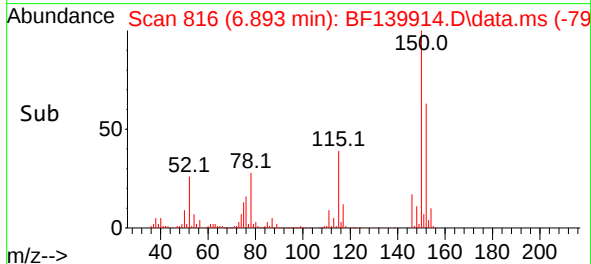
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ClientSampleId :
IB-1MSD



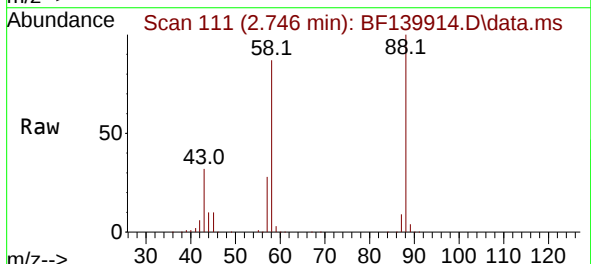
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Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.2
115 62.4 51.4 77.2

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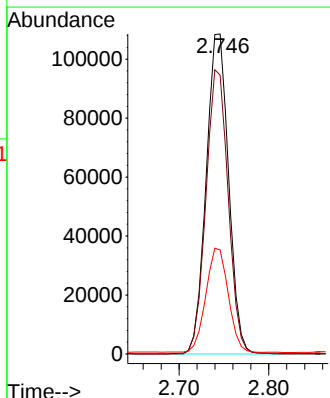
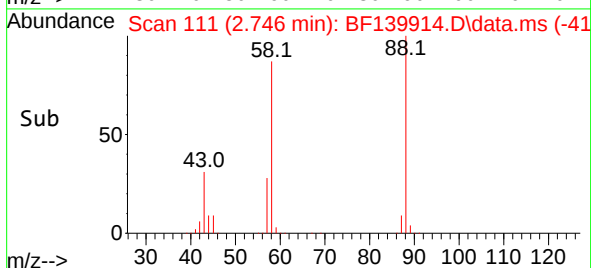
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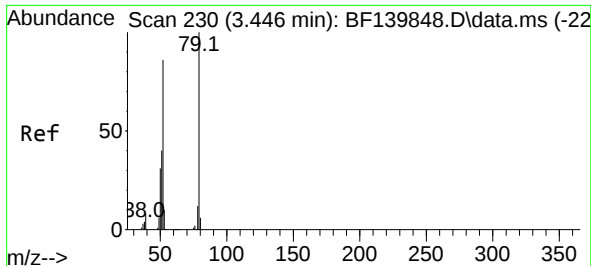


#2
1,4-Dioxane
Concen: 48.361 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.059 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



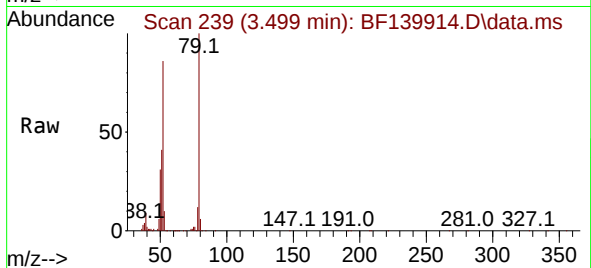
Tgt Ion: 88 Resp: 188299
Ion Ratio Lower Upper
88 100
58 88.6 73.3 109.9
43 32.4 27.1 40.7





#3
Pyridine
Concen: 49.455 ng
RT: 3.499 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

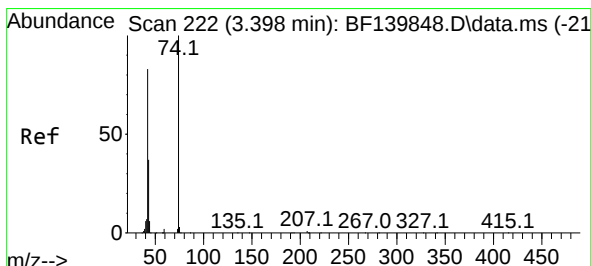
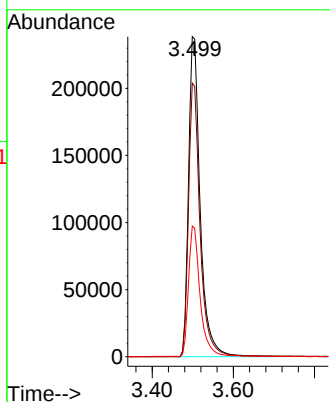
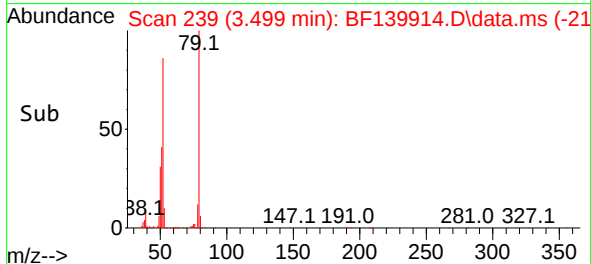
Instrument :
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ClientSampleId :
IB-1MSD



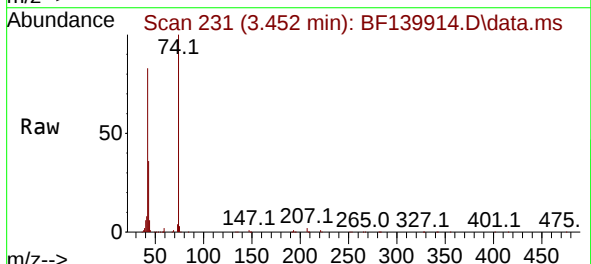
Tgt Ion: 79 Resp: 477302
Ion Ratio Lower Upper
79 100
52 85.5 68.5 102.7
51 40.9 32.3 48.5

Manual Integrations
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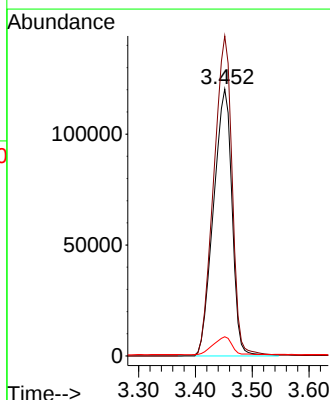
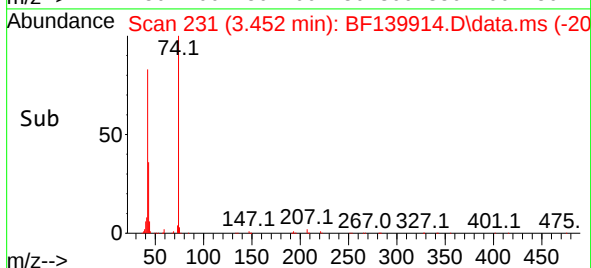
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#4
n-Nitrosodimethylamine
Concen: 52.719 ng
RT: 3.452 min Scan# 231
Delta R.T. 0.053 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



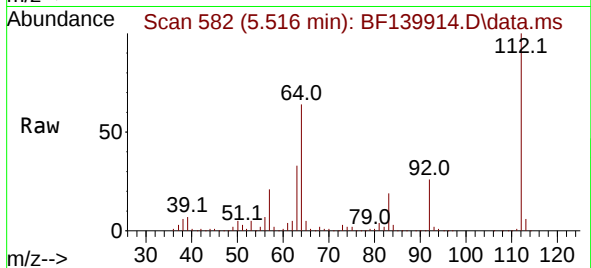
Tgt Ion: 42 Resp: 273365
Ion Ratio Lower Upper
42 100
74 119.9 96.2 144.4
44 7.2 6.2 9.2





#5
2-Fluorophenol
Concen: 103.526 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

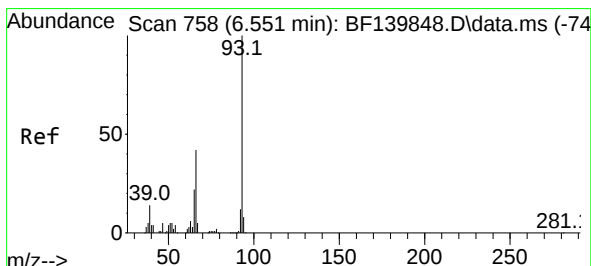
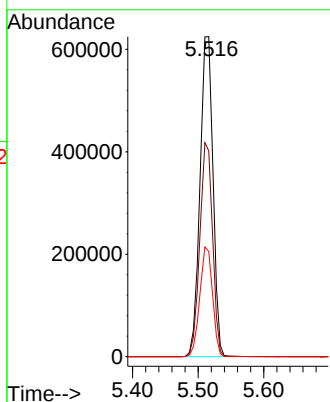
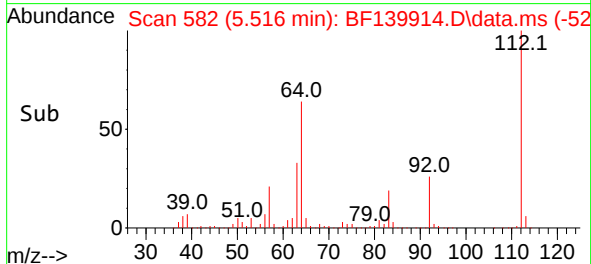
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion: 112 Resp: 864540
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 32.9 27.0 40.4

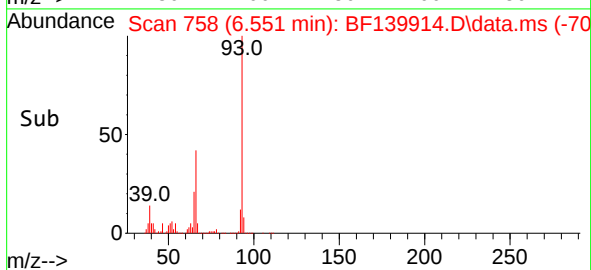
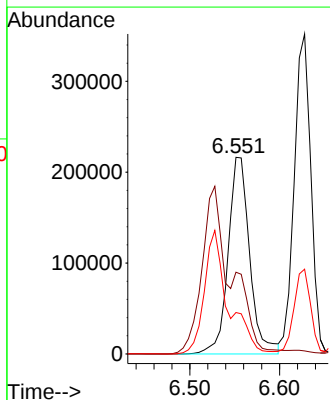
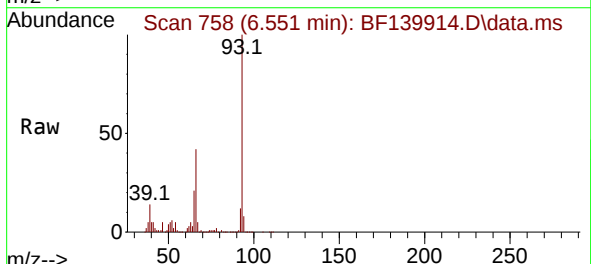
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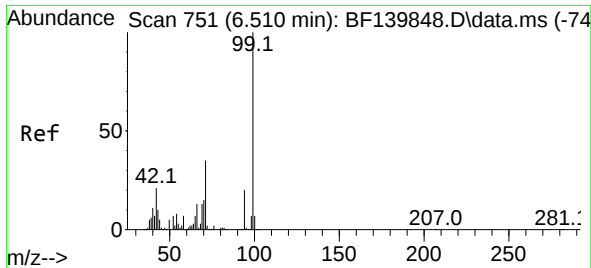
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#6
Aniline
Concen: 35.893 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

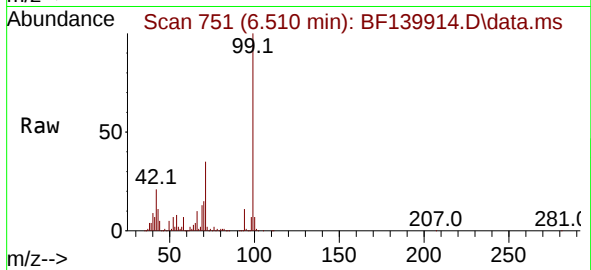
Tgt Ion: 93 Resp: 361812
Ion Ratio Lower Upper
93 100
66 41.6 34.0 51.0
65 21.1 17.4 26.0





#7
Phenol-d6
Concen: 98.828 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

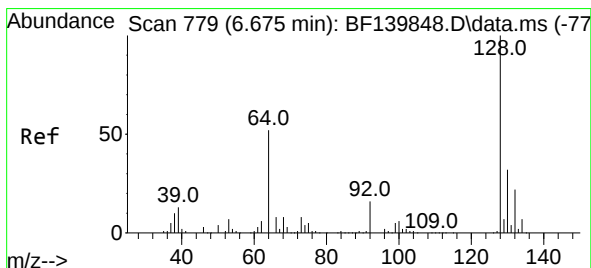
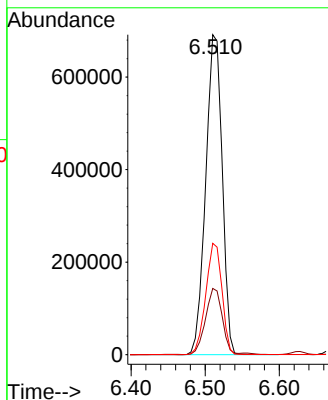
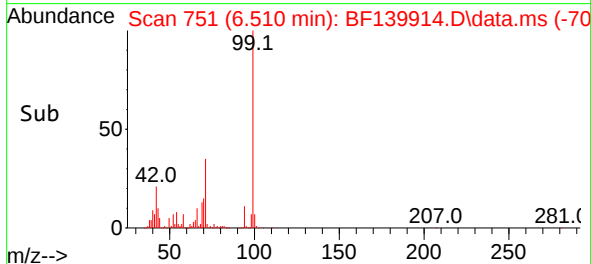
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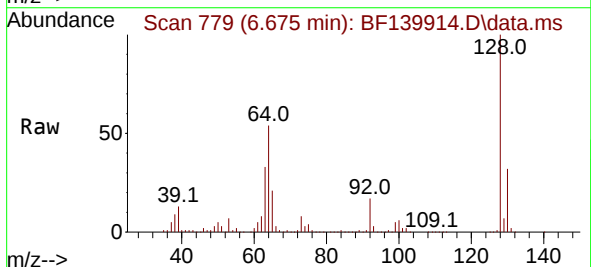
Tgt Ion: 99 Resp: 106891
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 34.8 27.7 41.5

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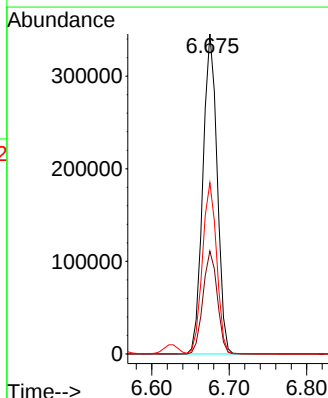
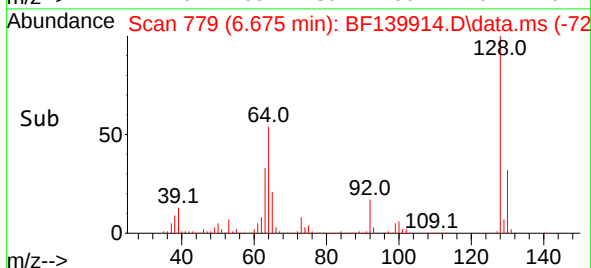
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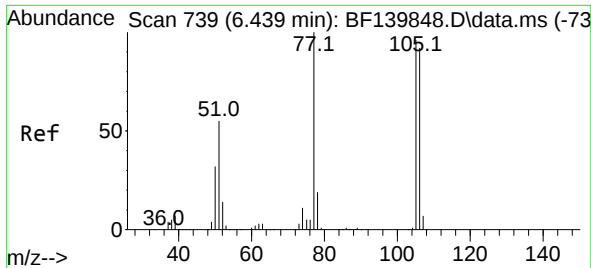


#8
2-Chlorophenol
Concen: 51.817 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



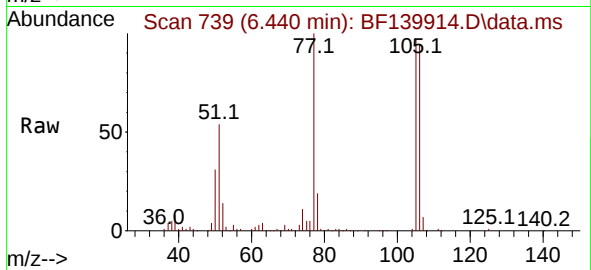
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Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 53.5 34.6 74.6





#9
Benzaldehyde
Concen: 18.170 ng
RT: 6.440 min Scan# 710
Delta R.T. 0.001 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

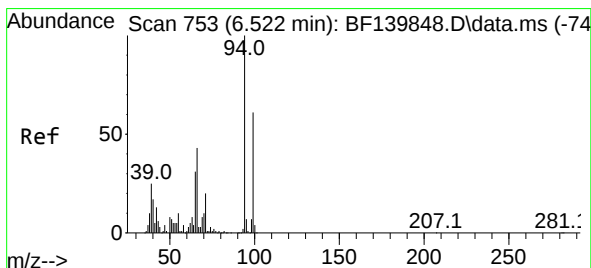
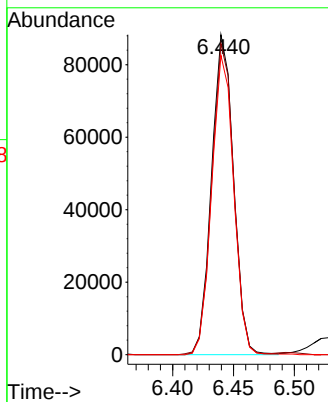
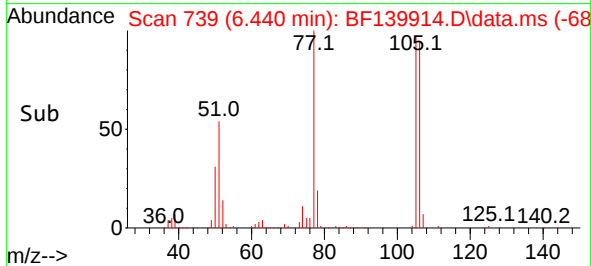
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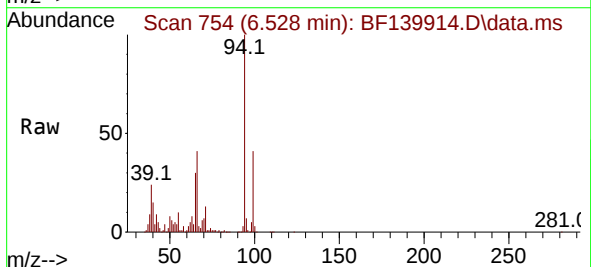
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Ion Ratio Lower Upper
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105 97.3 75.5 115.5
106 93.5 71.7 111.7

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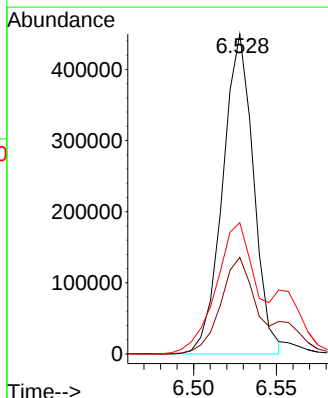
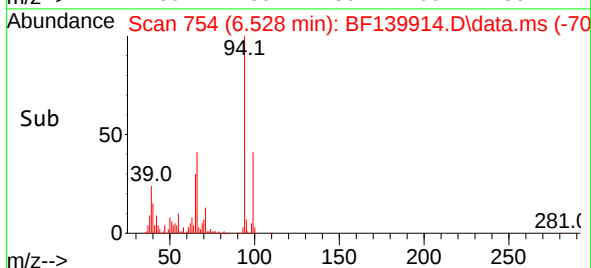
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Phenol
Concen: 52.155 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



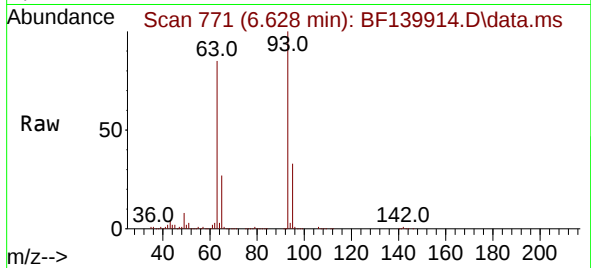
Tgt Ion: 94 Resp: 581563
Ion Ratio Lower Upper
94 100
65 30.2 11.1 51.1
66 41.0 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 52.579 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

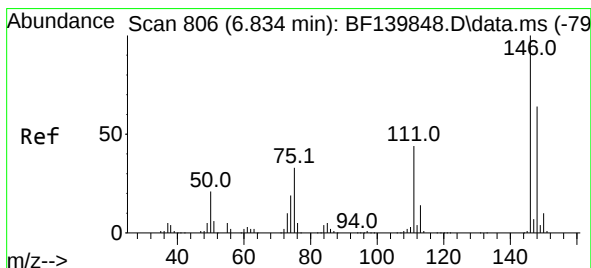
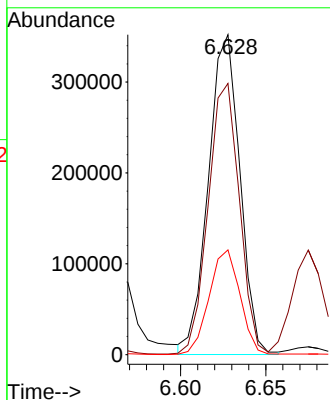
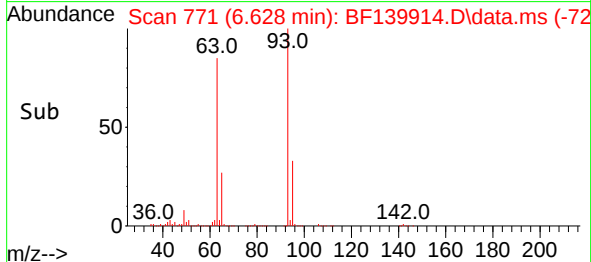
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion: 93 Resp: 453150
Ion Ratio Lower Upper
93 100
63 84.8 65.0 105.0
95 32.7 12.4 52.4

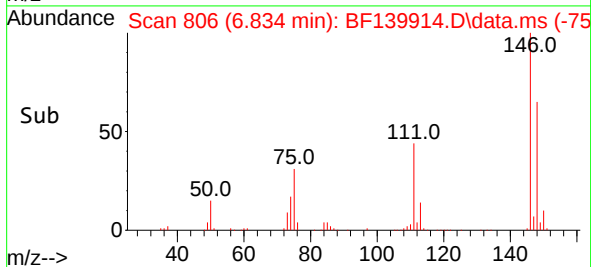
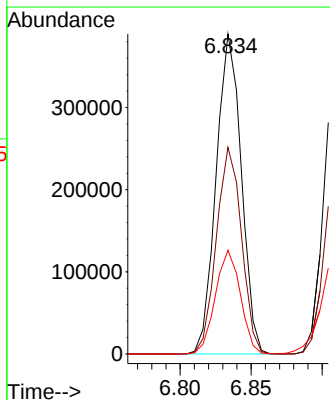
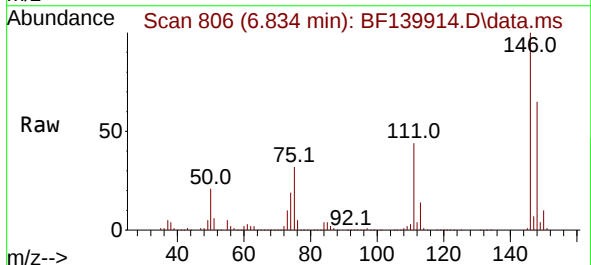
Manual Integrations
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Supervised By :mohammad ahmed 10/23/2024



#12
1,3-Dichlorobenzene
Concen: 48.917 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Tgt Ion:146 Resp: 479386
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 32.4 26.4 39.6





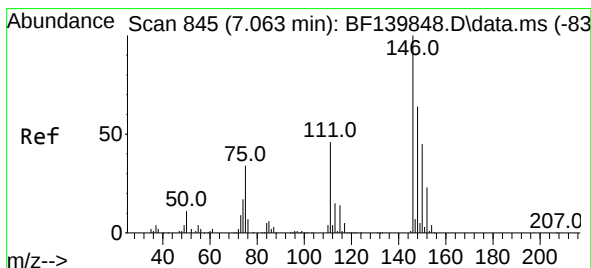
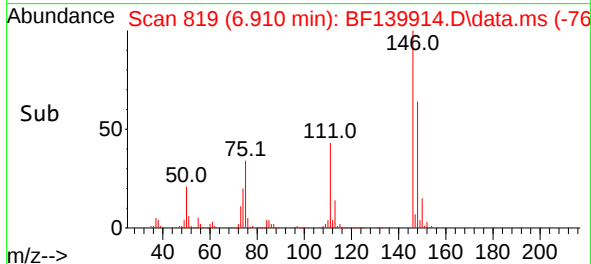
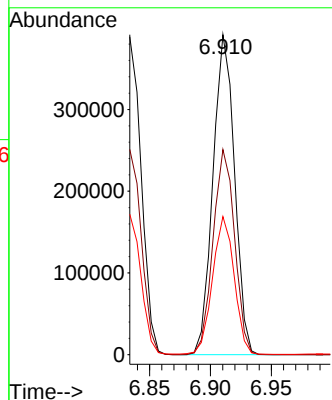
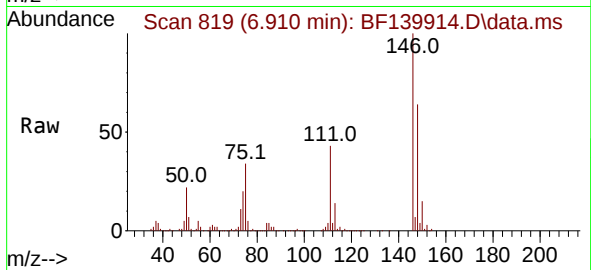
#13
1,4-Dichlorobenzene
Concen: 49.309 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:146 Resp: 482780
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 43.2 34.6 51.8

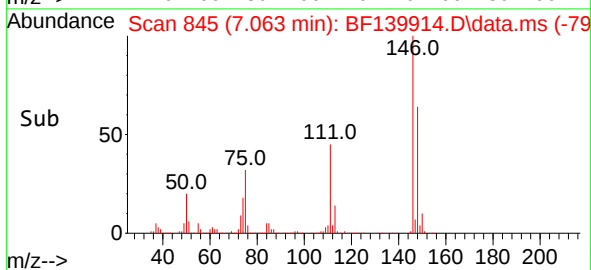
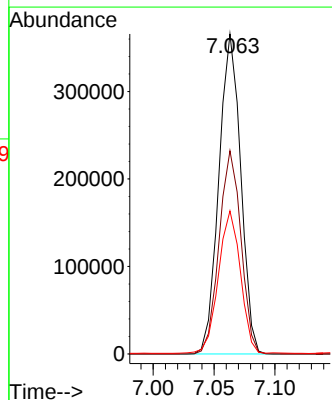
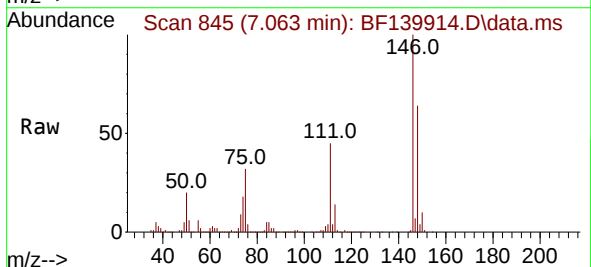
Manual Integrations
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Supervised By :mohammad ahmed 10/23/2024



#14
1,2-Dichlorobenzene
Concen: 49.950 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

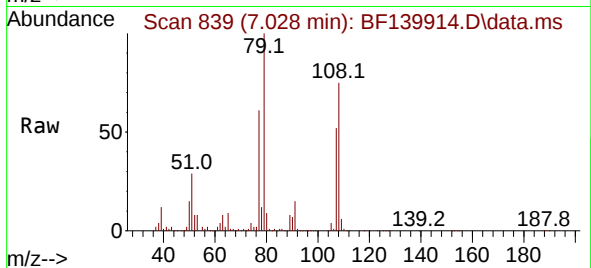
Tgt Ion:146 Resp: 456437
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 44.7 36.7 55.1





#15
Benzyl Alcohol
Concen: 51.056 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

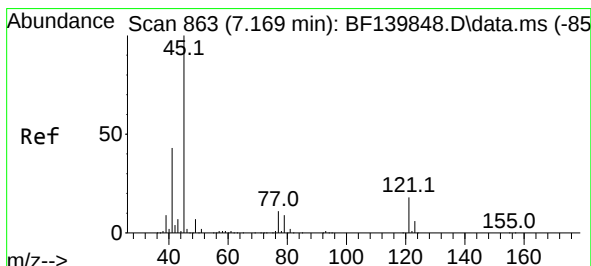
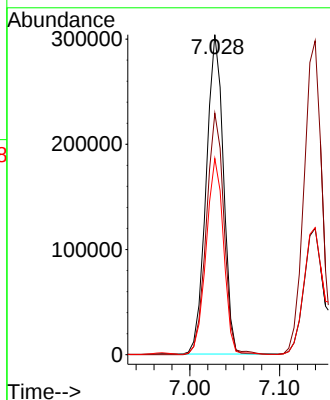
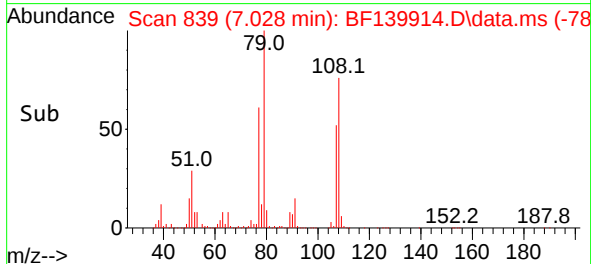
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion: 79 Resp: 40507
Ion Ratio Lower Upper
79 100
108 75.5 61.4 92.0
77 61.3 49.9 74.9

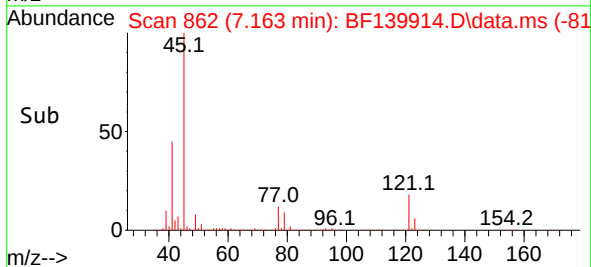
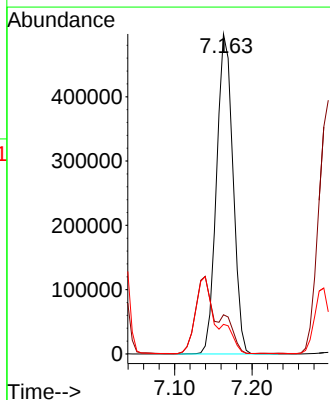
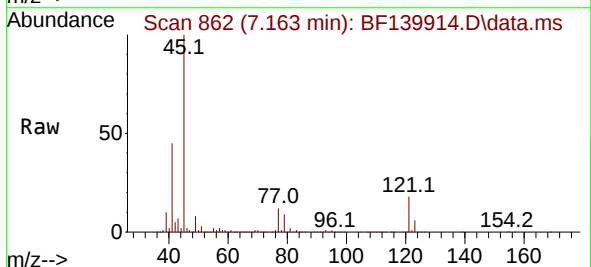
Manual Integrations
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Supervised By :mohammad ahmed 10/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.744 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

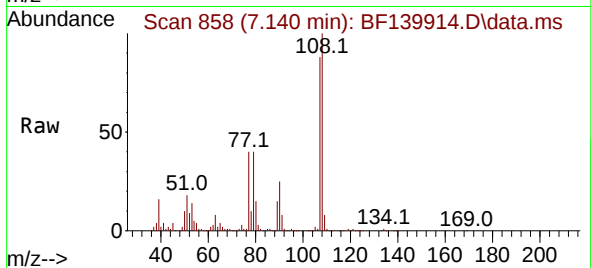
Tgt Ion: 45 Resp: 731039
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.5
79 9.3 0.0 29.1





#17
2-Methylphenol
Concen: 49.120 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

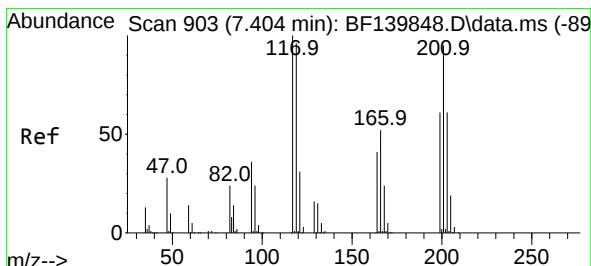
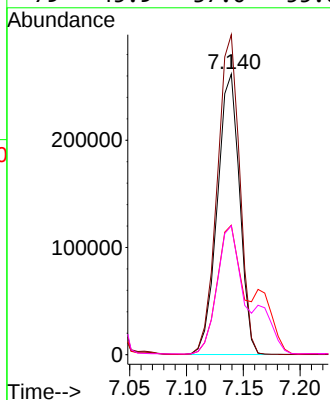
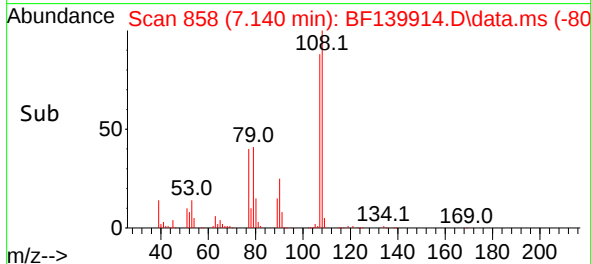
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:107 Resp: 35758
Ion Ratio Lower Upper
107 100
108 114.0 91.3 136.9
77 46.1 37.1 55.7
79 45.9 37.0 55.6

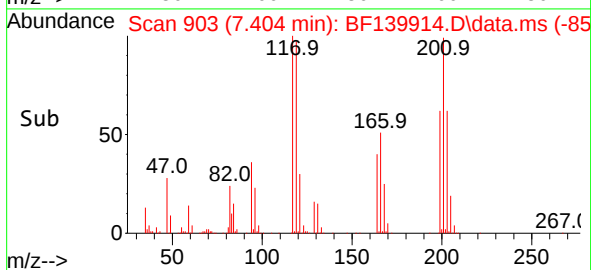
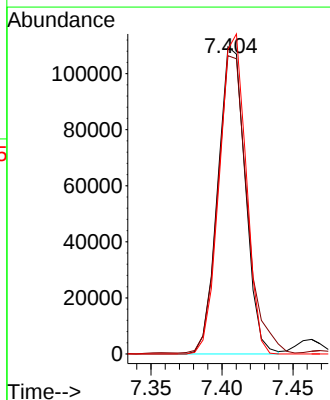
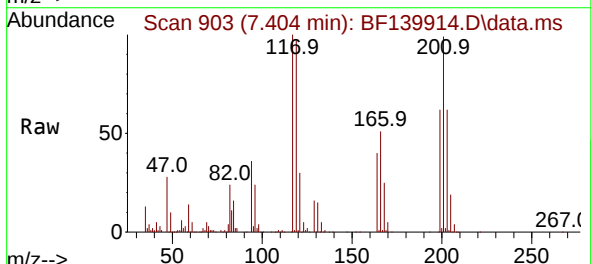
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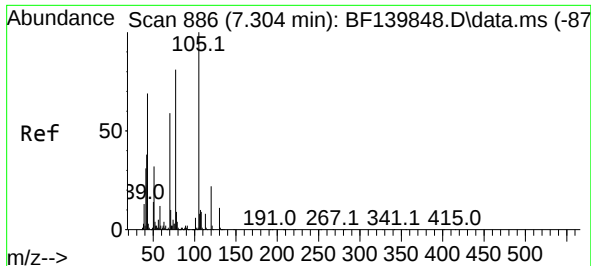
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#18
Hexachloroethane
Concen: 42.159 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

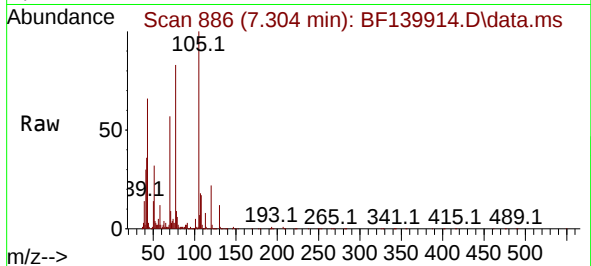
Tgt Ion:117 Resp: 147194
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.4
201 99.2 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.773 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

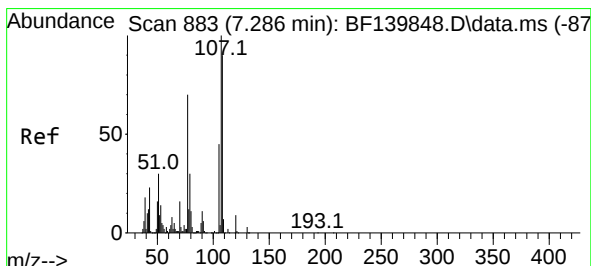
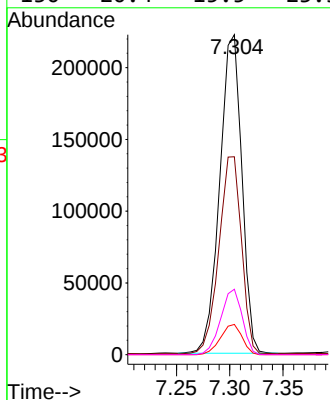
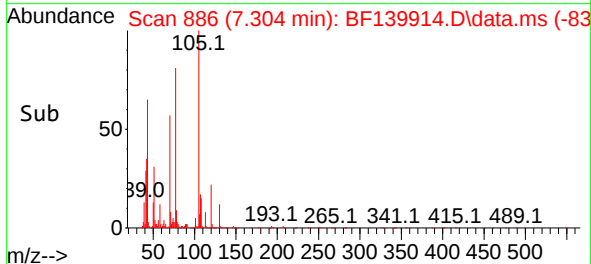
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



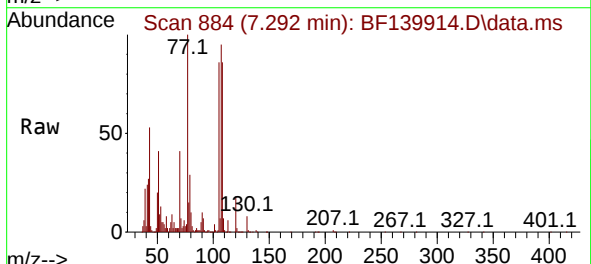
Tgt Ion: 70 Resp: 319944
Ion Ratio Lower Upper
70 100
42 61.9 51.5 77.3
101 9.5 7.5 11.3
130 20.4 15.5 23.3

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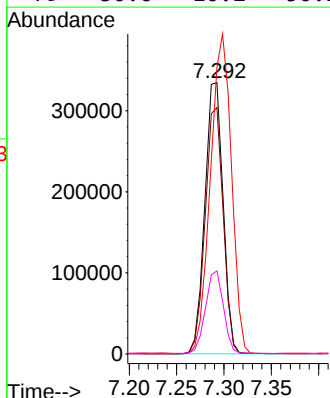
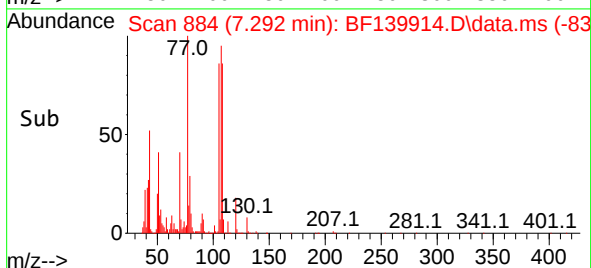
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#20
3+4-Methylphenols
Concen: 47.888 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



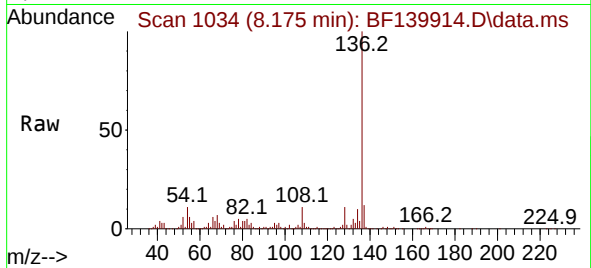
Tgt Ion:107 Resp: 445899
Ion Ratio Lower Upper
107 100
108 90.8 69.8 109.8
77 105.5 50.5 90.5#
79 30.6 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

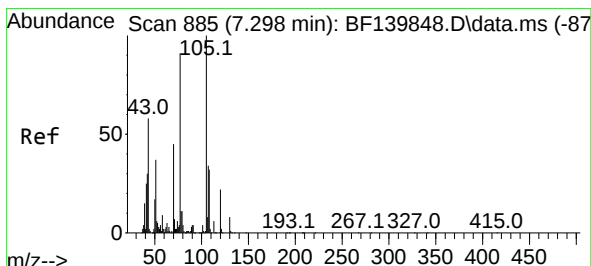
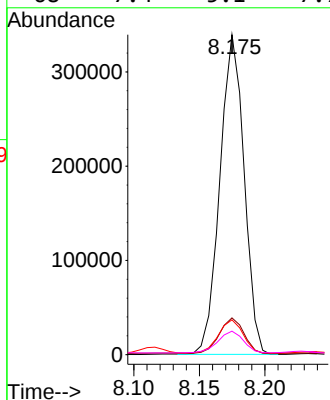
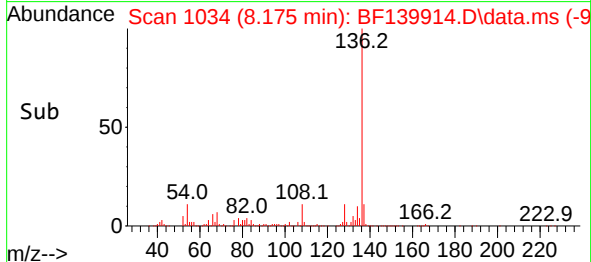
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:136 Resp: 435954
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 10.9 8.4 12.6
68 7.4 5.1 7.7

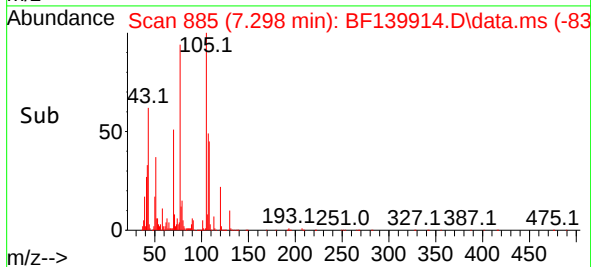
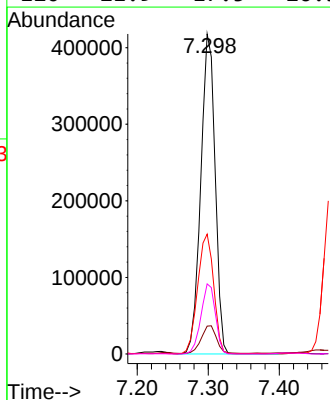
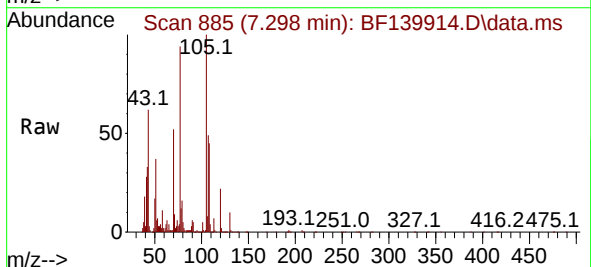
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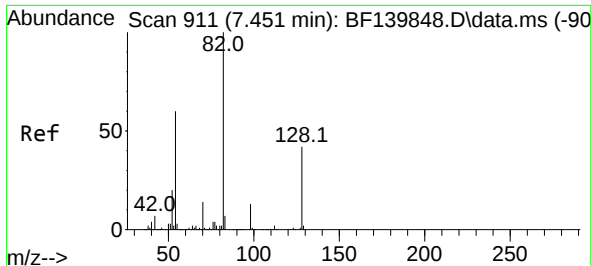
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#22
Acetophenone
Concen: 55.228 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Tgt Ion:105 Resp: 589724
Ion Ratio Lower Upper
105 100
71 8.7 5.9 8.9
51 37.5 29.4 44.2
120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 81.013 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion: 82 Resp: 63723

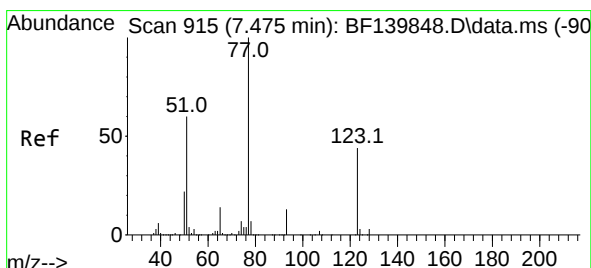
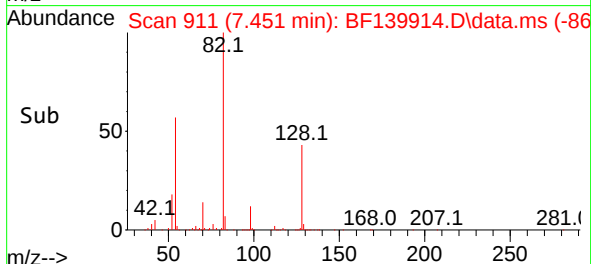
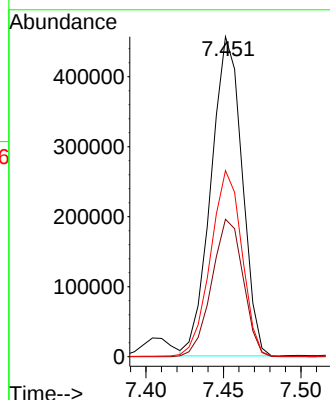
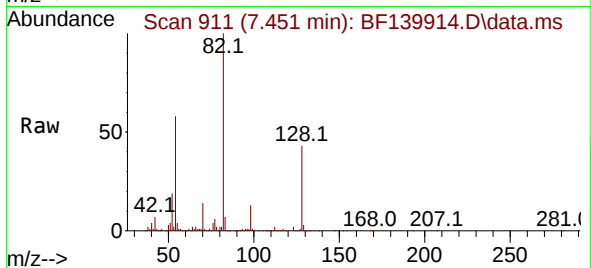
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	58.1	47.8	71.8

Manual Integrations

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Supervised By :mohammad ahmed 10/23/2024



#24

Nitrobenzene

Concen: 53.682 ng

RT: 7.475 min Scan# 915

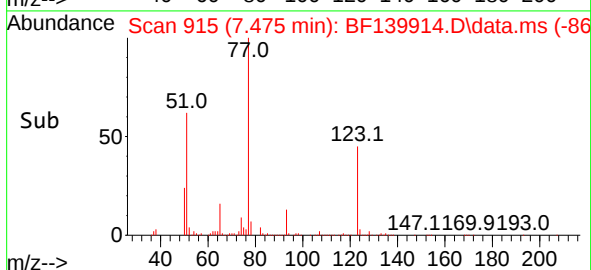
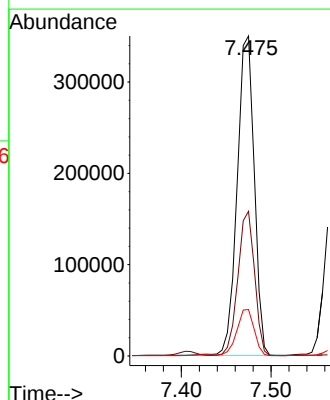
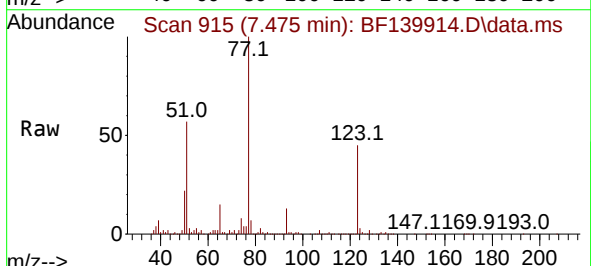
Delta R.T. 0.000 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Tgt Ion: 77 Resp: 462958

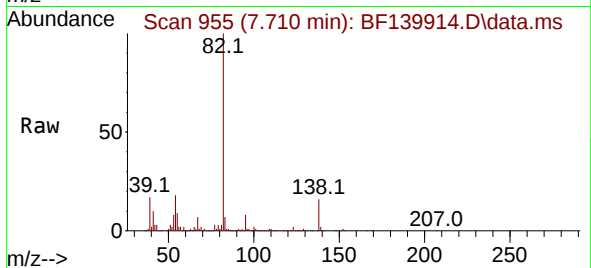
Ion	Ratio	Lower	Upper
77	100		
123	45.2	35.7	53.5
65	14.5	11.5	17.3





#25
Isophorone
Concen: 55.066 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

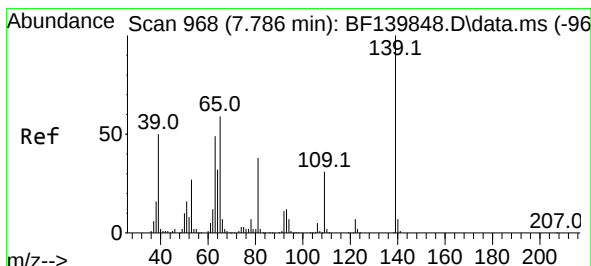
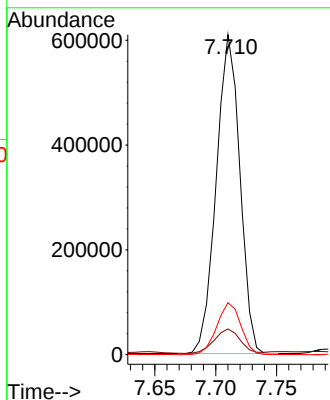
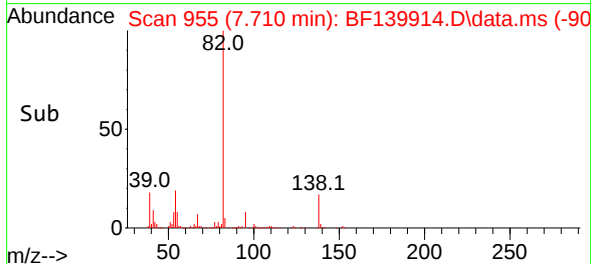
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion: 82 Resp: 82210
Ion Ratio Lower Upper
82 100
95 8.1 5.5 8.3
138 16.2 13.2 19.8

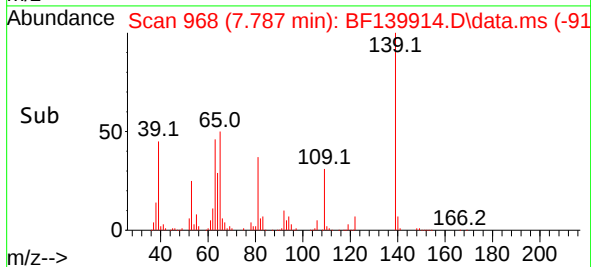
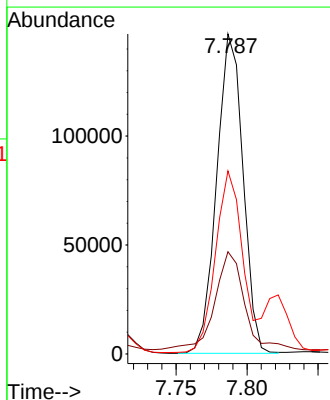
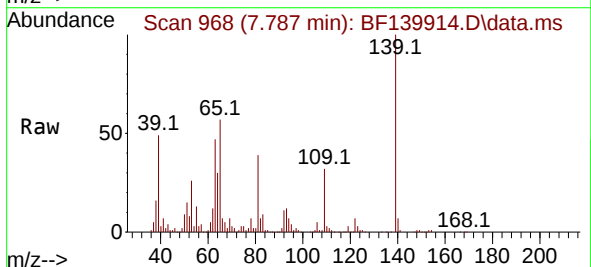
Manual Integrations
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Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#26
2-Nitrophenol
Concen: 58.097 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

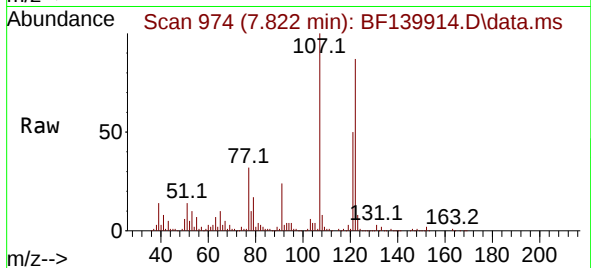
Tgt Ion:139 Resp: 189017
Ion Ratio Lower Upper
139 100
109 32.0 25.1 37.7
65 57.2 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 62.735 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

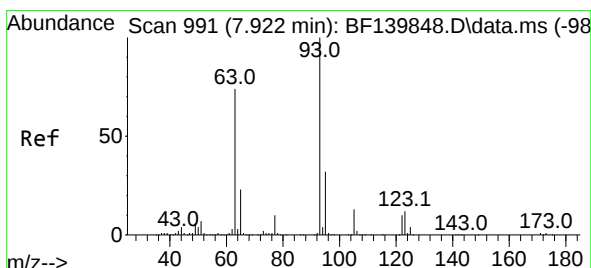
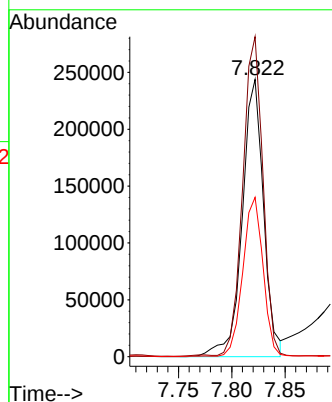
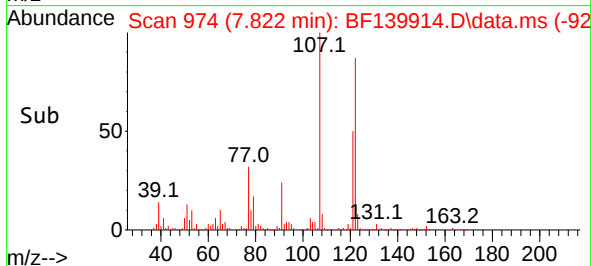
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:122 Resp: 340338
Ion Ratio Lower Upper
122 100
107 115.4 91.9 137.9
121 57.5 46.2 69.4

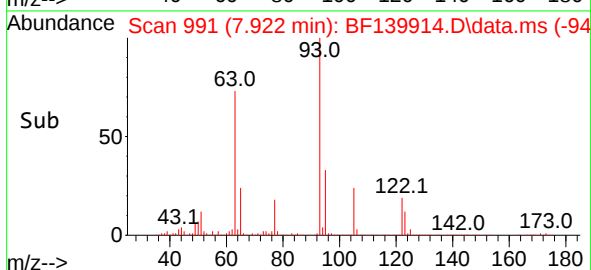
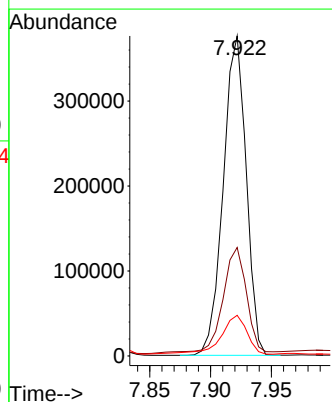
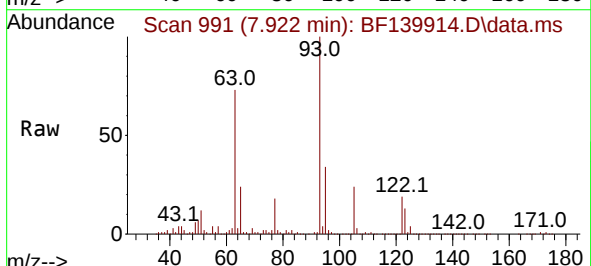
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 54.296 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Tgt Ion: 93 Resp: 491123
Ion Ratio Lower Upper
93 100
95 33.9 26.0 39.0
123 12.7 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 52.698 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:162 Resp: 325630

Ion Ratio Lower Upper

162 100

164 64.3 43.9 83.9

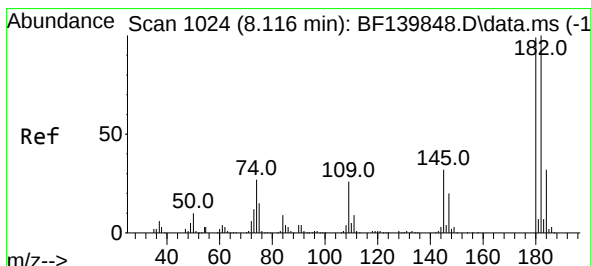
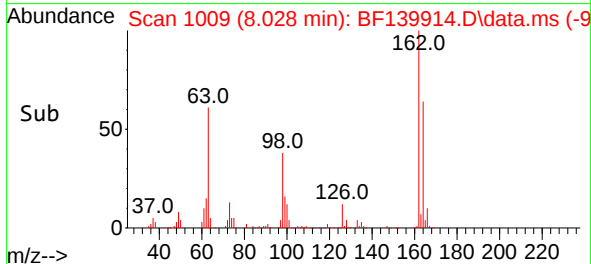
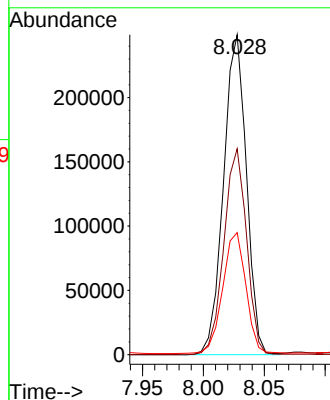
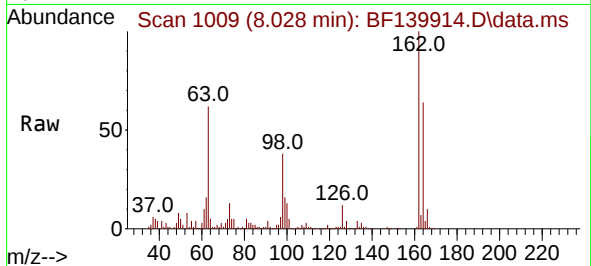
98 38.2 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 50.529 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

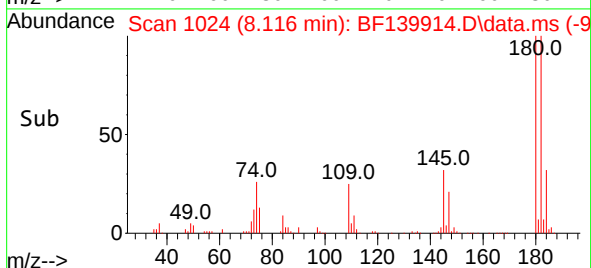
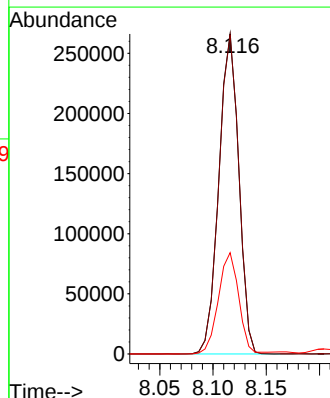
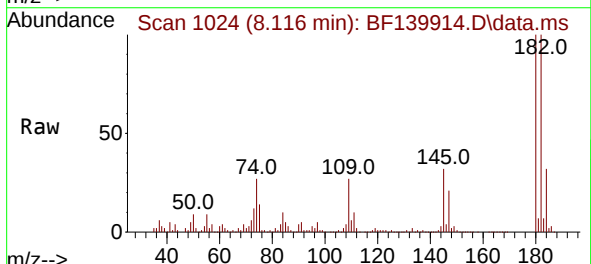
Tgt Ion:180 Resp: 345488

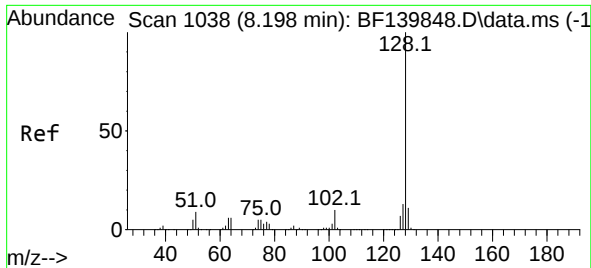
Ion Ratio Lower Upper

180 100

182 99.7 80.5 120.7

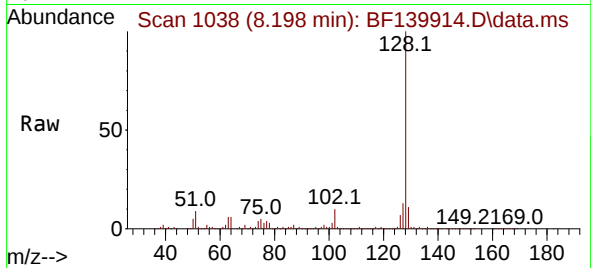
145 31.7 25.4 38.0





#31
Naphthalene
Concen: 51.269 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

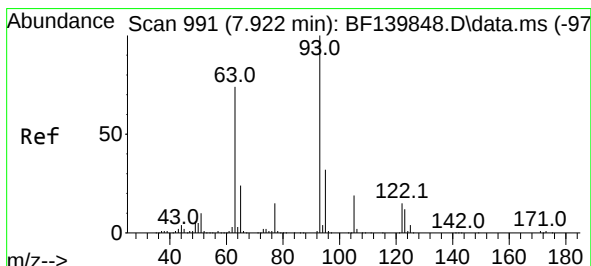
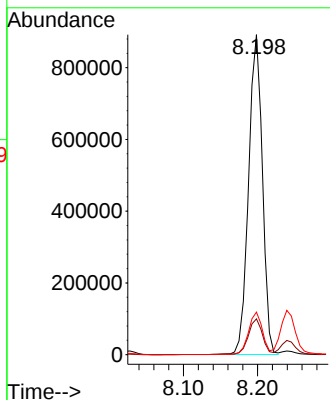
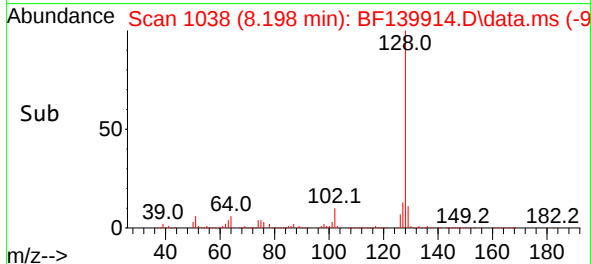
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:128 Resp: 115272
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0

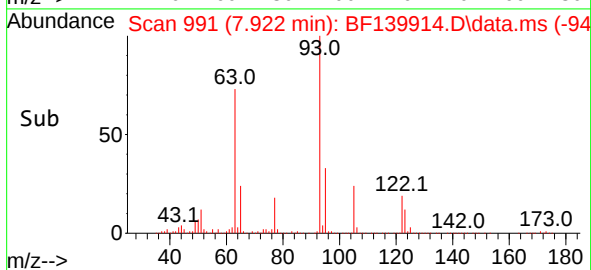
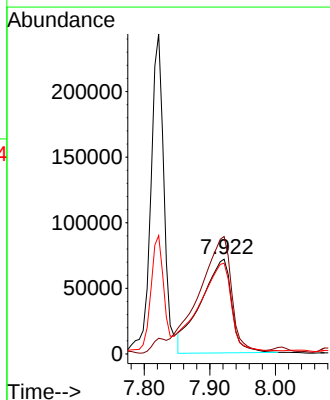
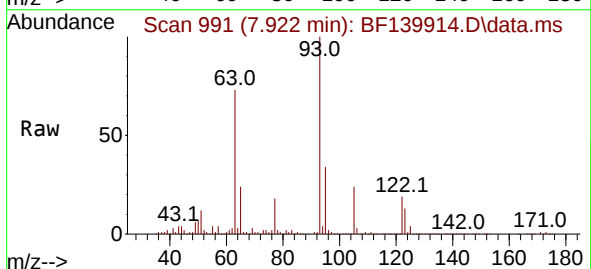
Manual Integrations
APPROVED

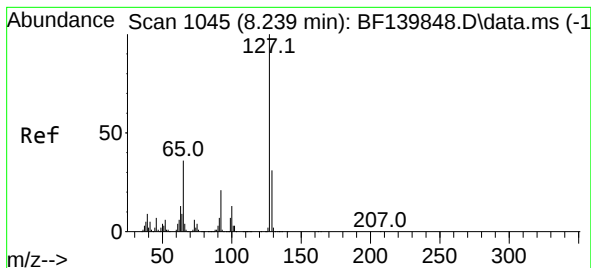
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#32
Benzoic acid
Concen: 49.503 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

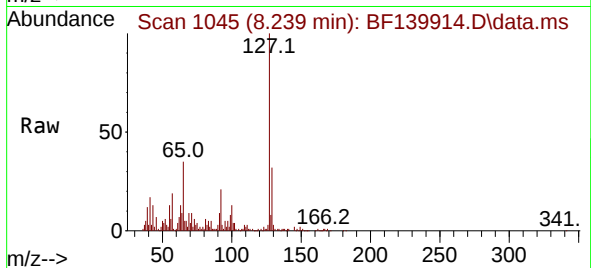
Tgt Ion:122 Resp: 234230
Ion Ratio Lower Upper
122 100
105 124.0 107.6 147.6
77 95.8 80.2 120.2





#33
4-Chloroaniline
Concen: 22.096 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

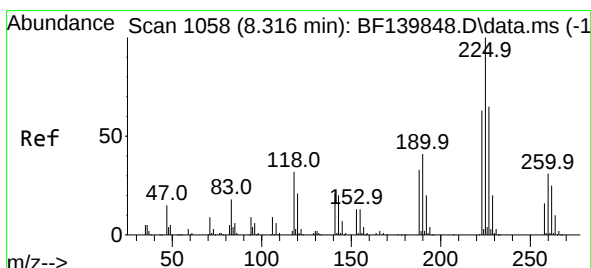
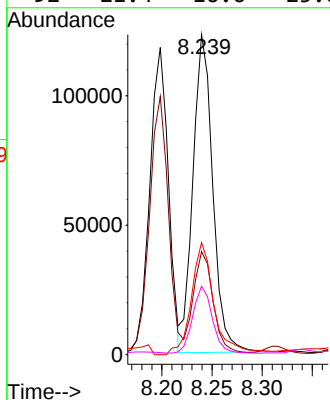
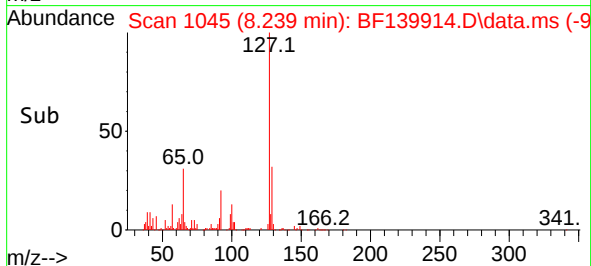
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:127 Resp: 16940
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 35.1 28.4 42.6
92 21.4 16.6 25.0

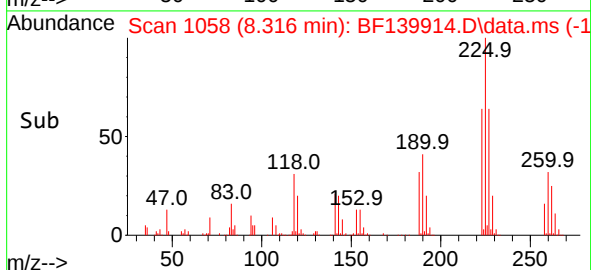
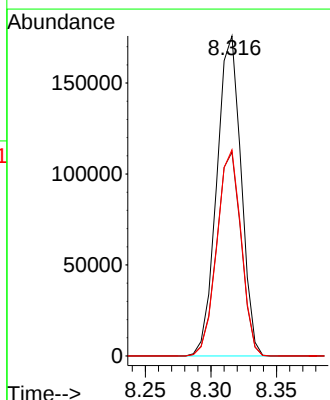
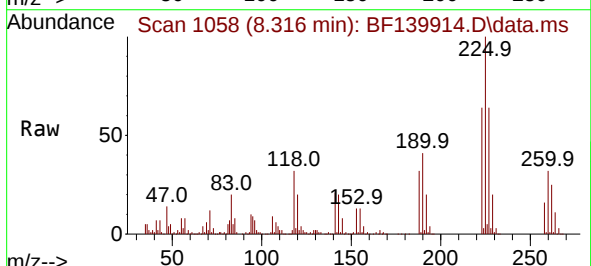
Manual Integrations
APPROVED

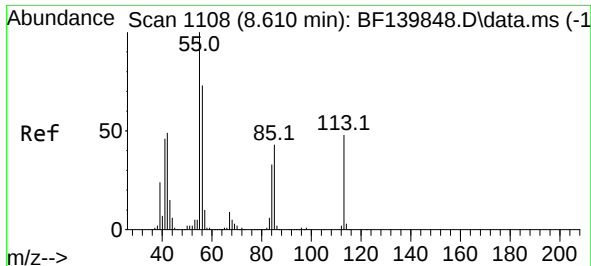
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#34
Hexachlorobutadiene
Concen: 52.729 ng
RT: 8.316 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

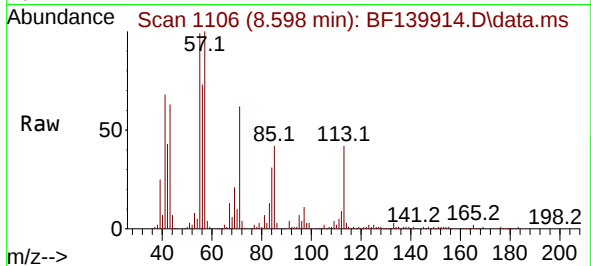
Tgt Ion:225 Resp: 226524
Ion Ratio Lower Upper
225 100
223 63.7 50.6 76.0
227 64.5 51.8 77.8





#35
Caprolactam
Concen: 59.206 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

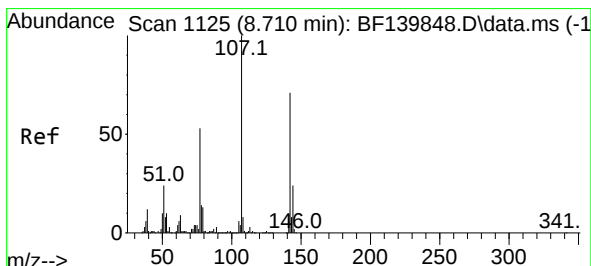
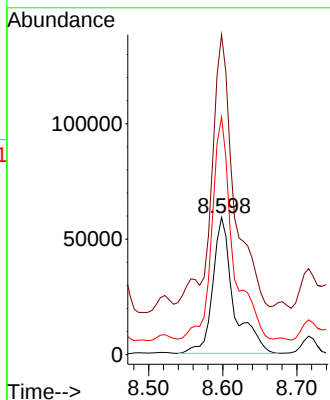
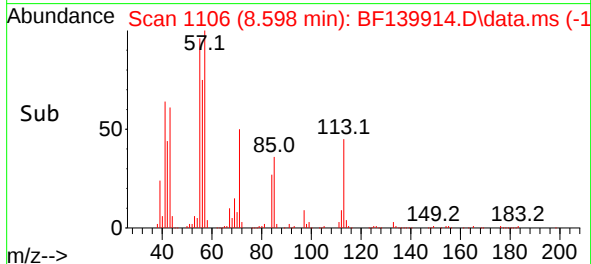
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



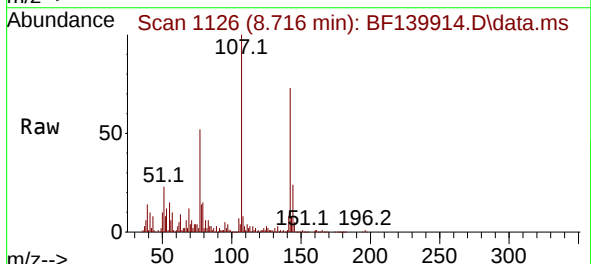
Tgt Ion:113 Resp: 116327
Ion Ratio Lower Upper
113 100
55 233.1 189.2 229.2
56 173.3 132.5 172.5

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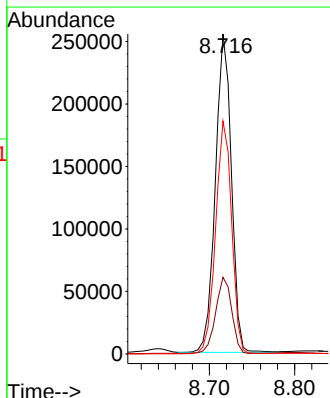
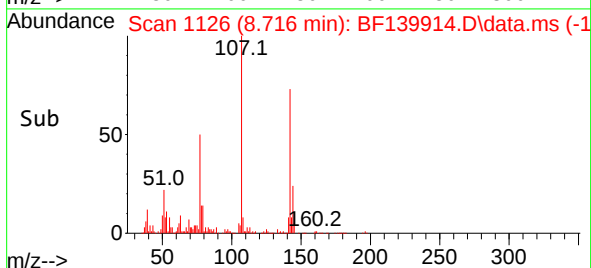
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

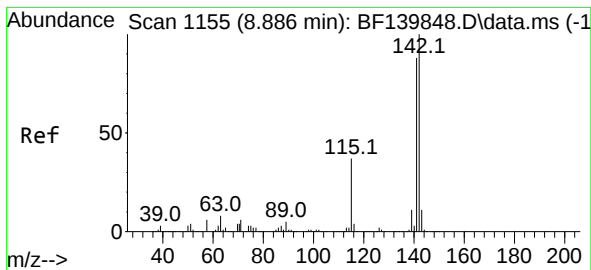


#36
4-Chloro-3-methylphenol
Concen: 48.616 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



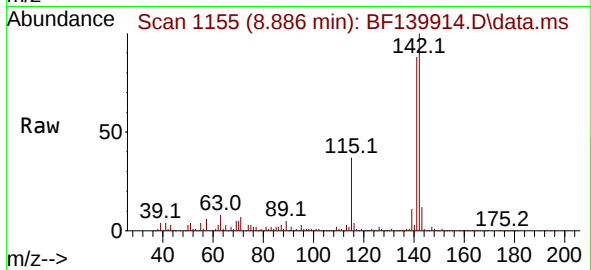
Tgt Ion:107 Resp: 332636
Ion Ratio Lower Upper
107 100
144 24.0 19.1 28.7
142 72.8 57.2 85.8





#37
2-Methylnaphthalene
Concen: 49.369 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

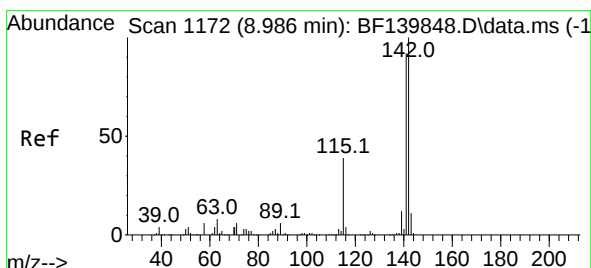
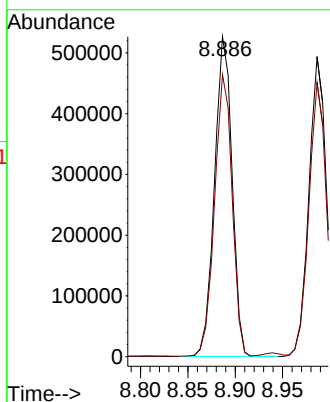
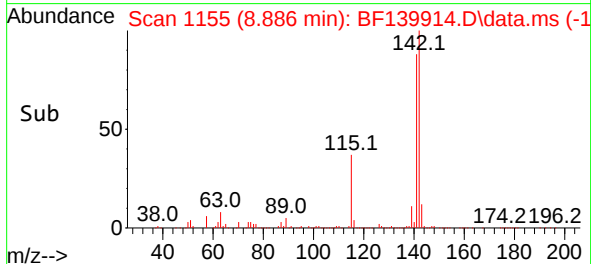
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:142 Resp: 679810
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2

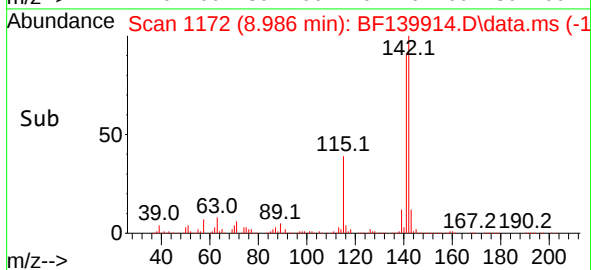
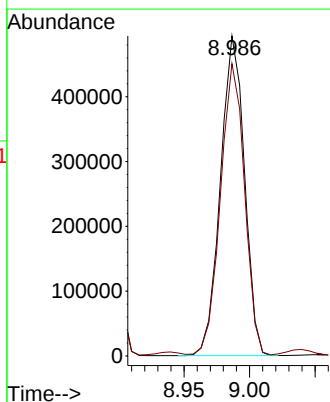
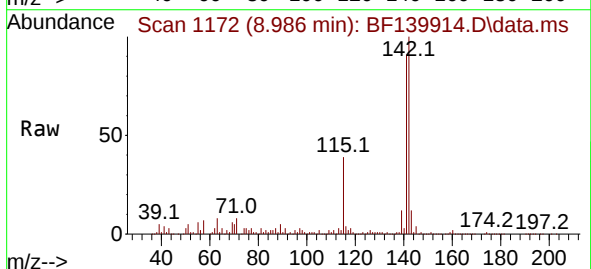
Manual Integrations
APPROVED

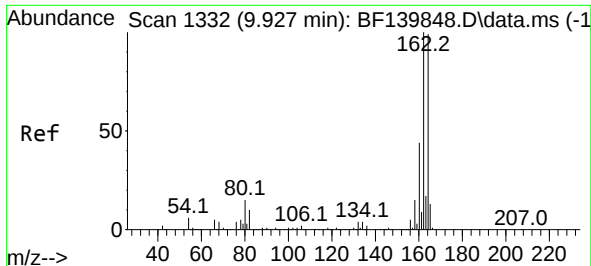
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#38
1-Methylnaphthalene
Concen: 46.550 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

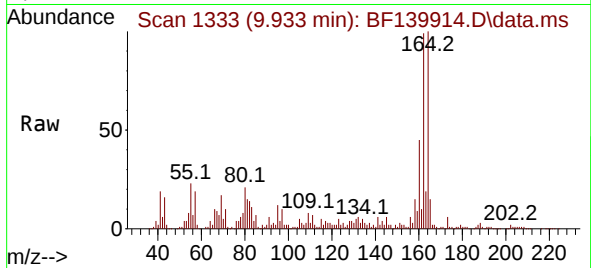
Tgt Ion:142 Resp: 628892
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

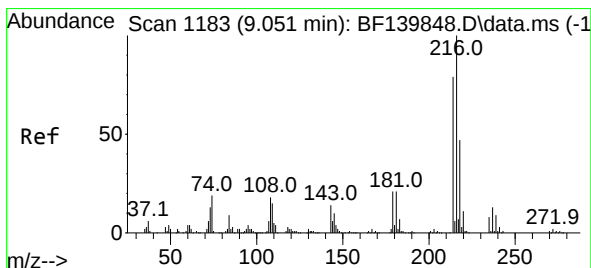
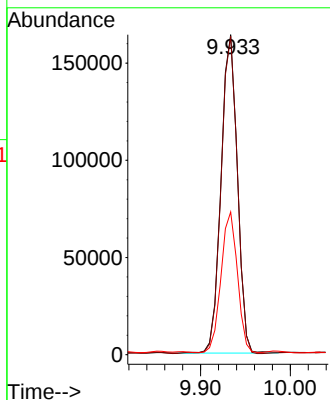
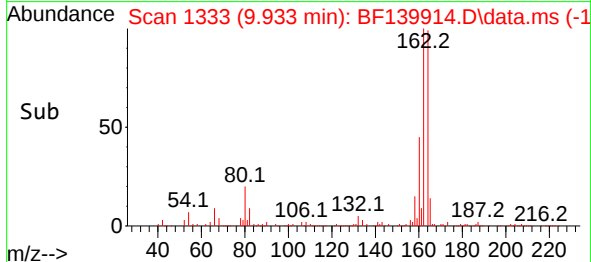
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:164 Resp: 20704
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 44.6 35.4 53.0

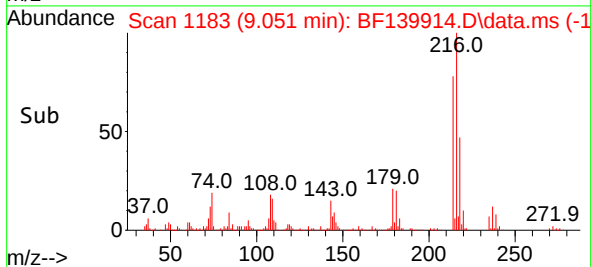
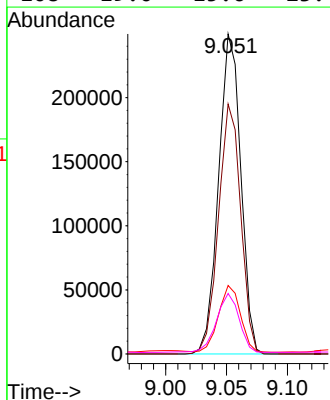
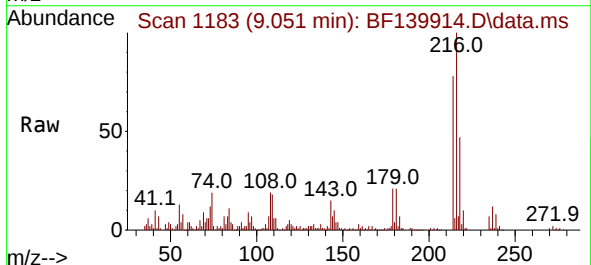
Manual Integrations
APPROVED

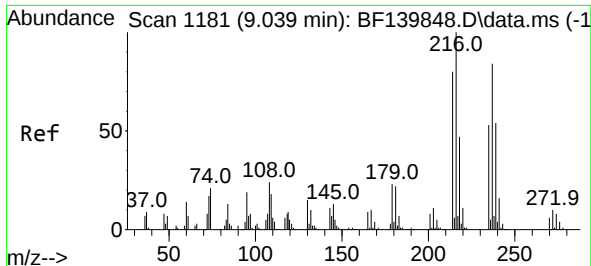
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.793 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

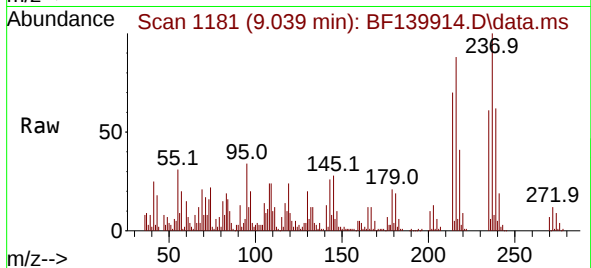
Tgt Ion:216 Resp: 317228
Ion Ratio Lower Upper
216 100
214 78.0 63.4 95.0
179 20.8 17.2 25.8
108 19.0 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 54.503 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

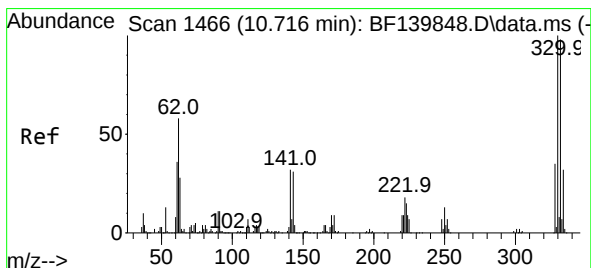
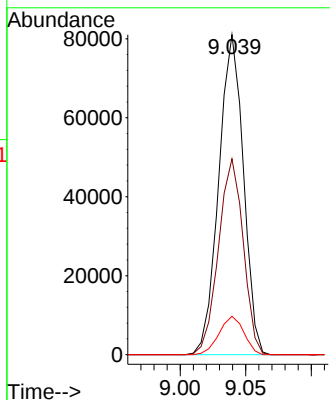
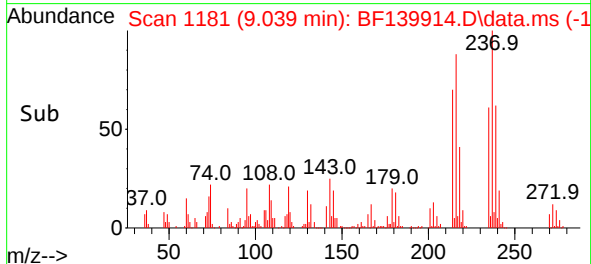
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



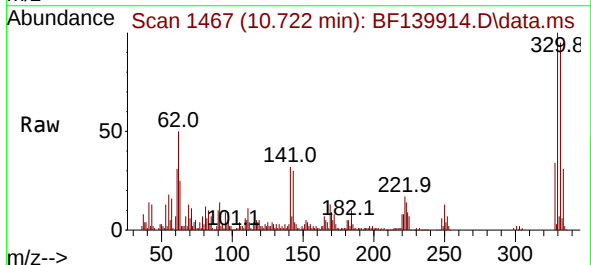
Tgt Ion:237 Resp: 105930
Ion Ratio Lower Upper
237 100
235 61.2 42.9 82.9
272 12.0 0.0 32.3

Manual Integrations
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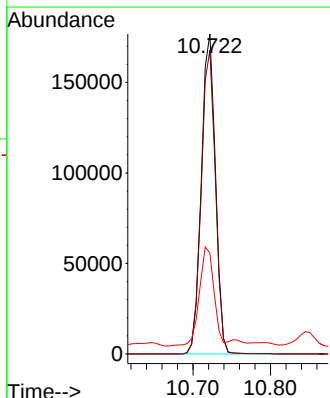
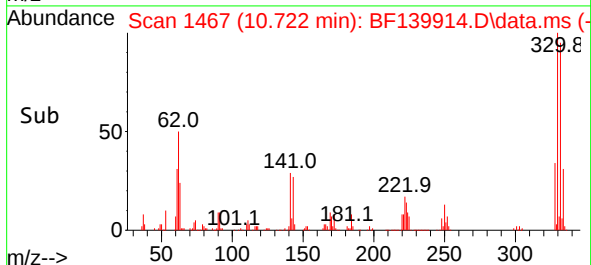
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

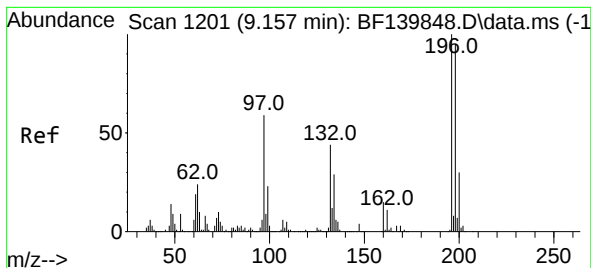


#42
2,4,6-Tribromophenol
Concen: 115.408 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



Tgt Ion:330 Resp: 223502
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 32.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 55.458 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:196 Resp: 219318

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.2

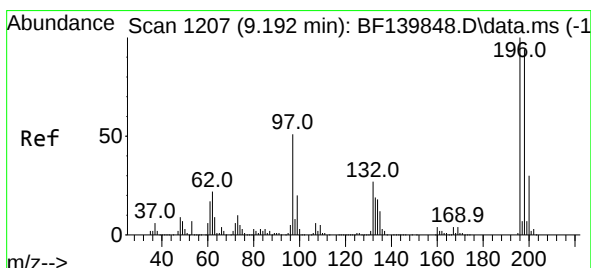
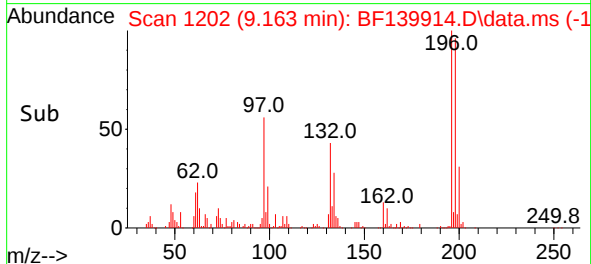
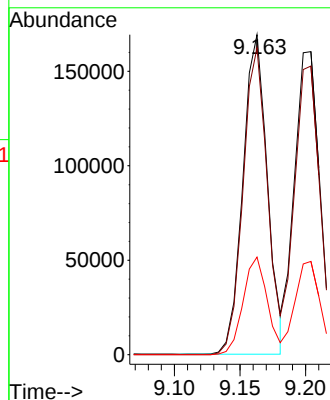
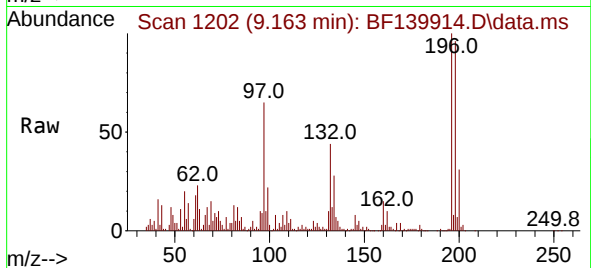
200 30.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#44

2,4,5-Trichlorophenol

Concen: 52.434 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Tgt Ion:196 Resp: 213935

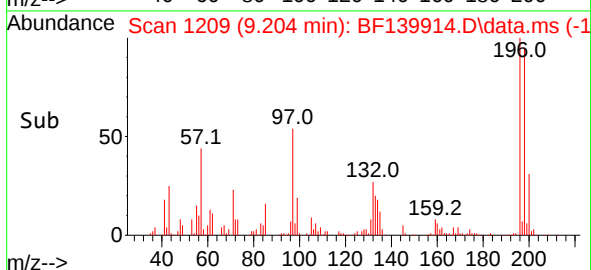
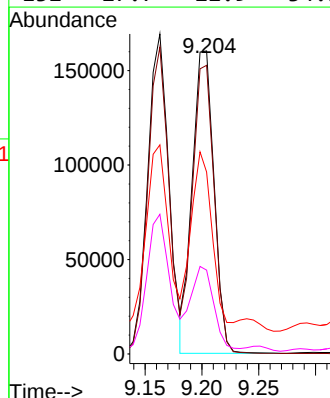
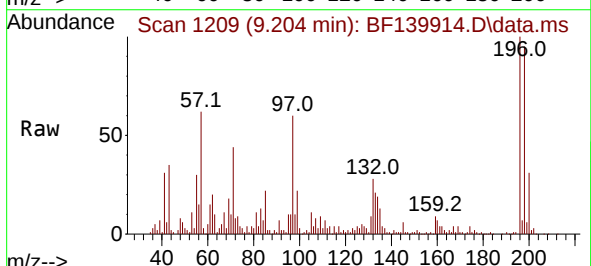
Ion Ratio Lower Upper

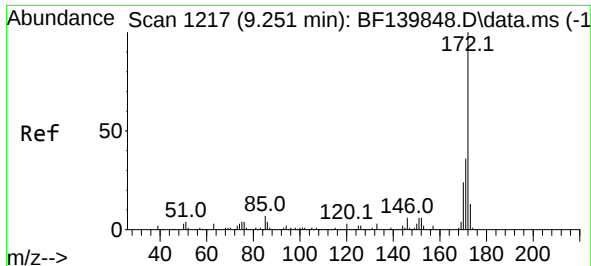
196 100

198 95.2 75.8 113.6

97 60.0 41.8 62.6

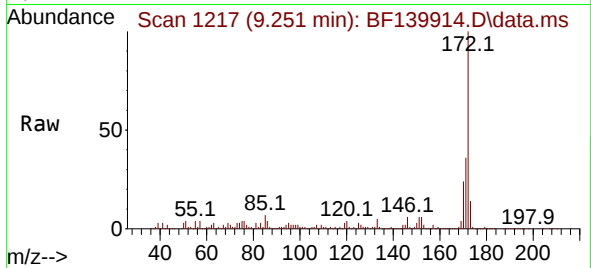
132 27.7 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 71.831 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

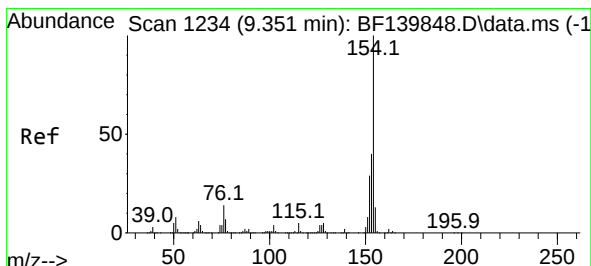
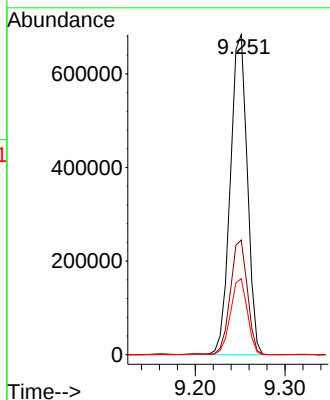
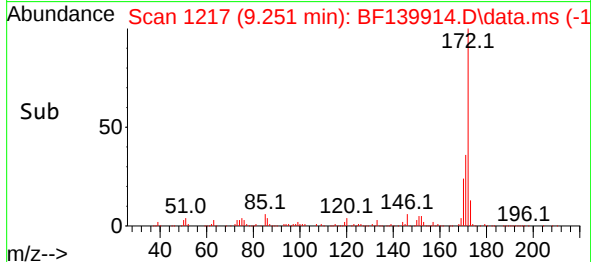
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



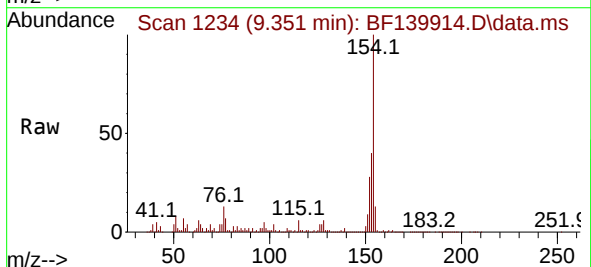
Tgt Ion:172 Resp: 89986
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.1 28.7

Manual Integrations
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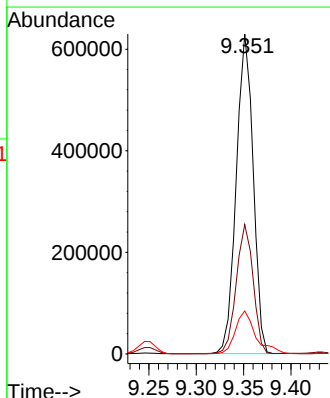
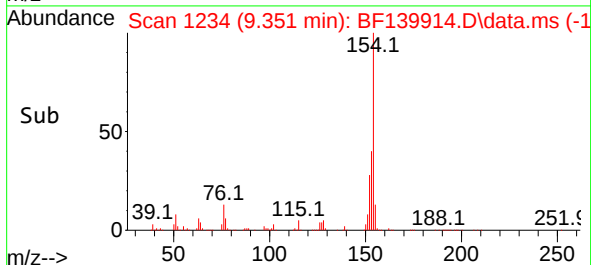
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

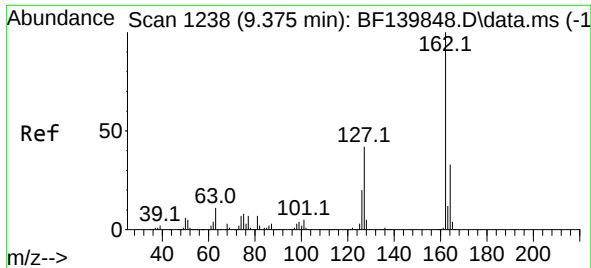


#46
1,1'-Biphenyl
Concen: 54.135 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



Tgt Ion:154 Resp: 780261
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 52.066 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:162 Resp: 604418

Ion Ratio Lower Upper

162 100

127 42.9 33.8 50.6

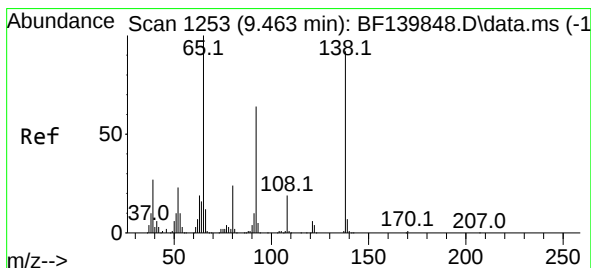
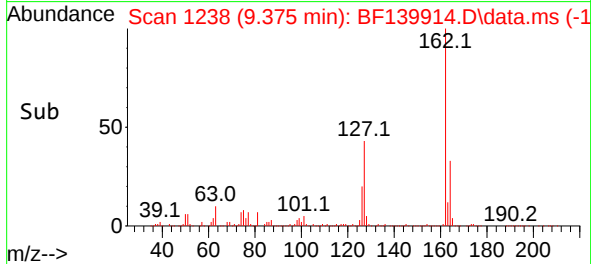
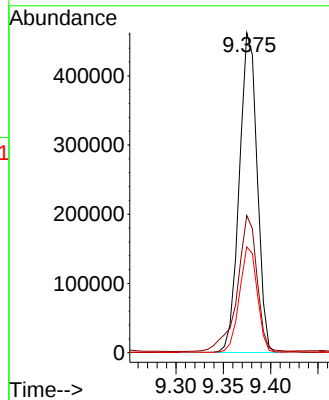
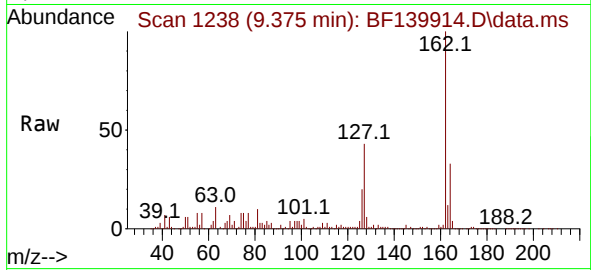
164 33.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#48

2-Nitroaniline

Concen: 60.545 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

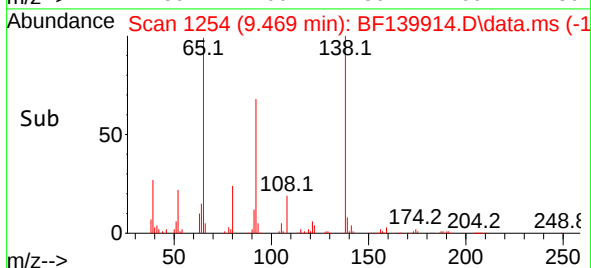
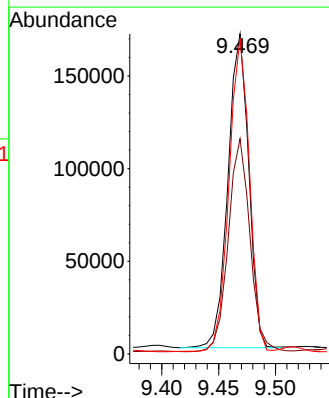
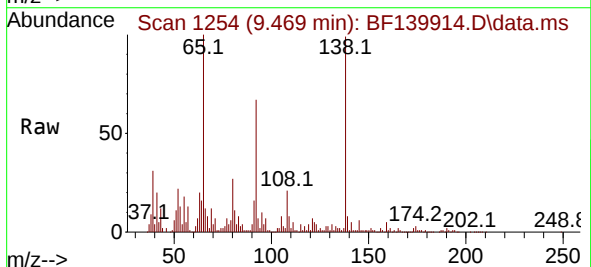
Tgt Ion: 65 Resp: 214962

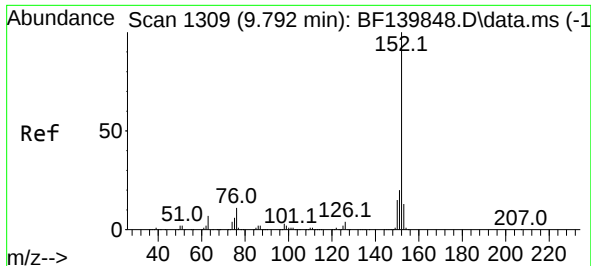
Ion Ratio Lower Upper

65 100

92 67.2 50.9 76.3

138 98.6 73.4 110.0





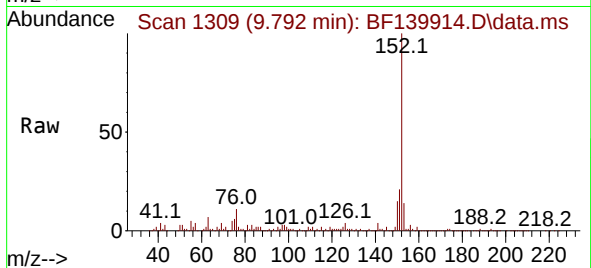
#49
Acenaphthylene
Concen: 54.421 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

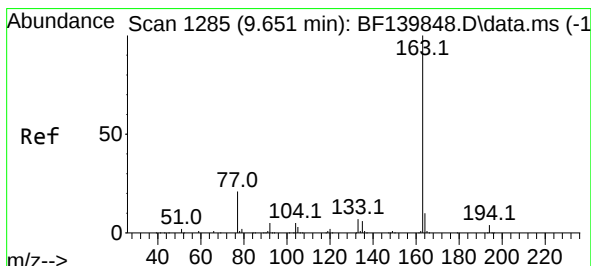
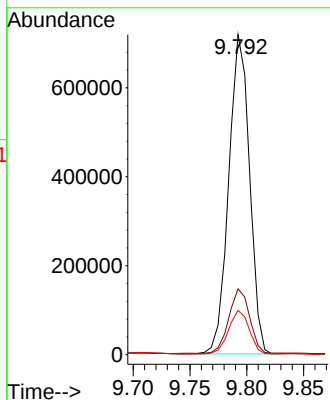
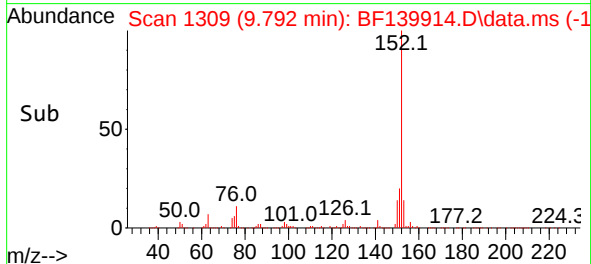


Tgt Ion:152 Resp: 91333
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.9 10.7 16.1

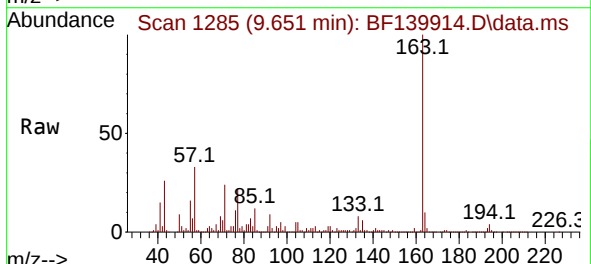
Manual Integrations

APPROVED

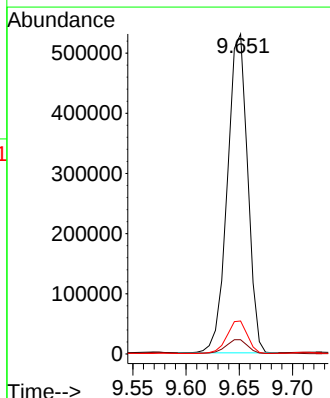
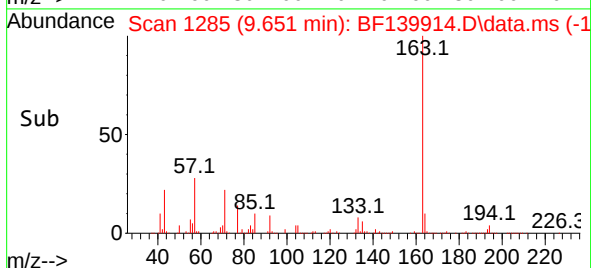
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

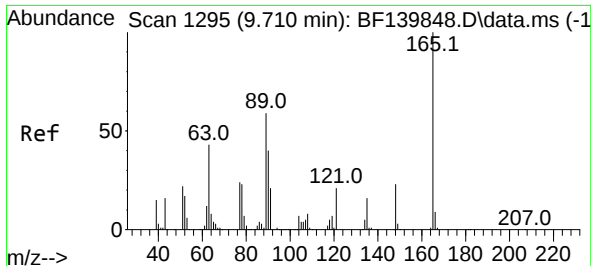


#50
Dimethylphthalate
Concen: 54.244 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



Tgt Ion:163 Resp: 699542
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.295 ng

RT: 9.710 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:165 Resp: 13764

Ion Ratio Lower Upper

165 100

63 64.2 50.6 75.8

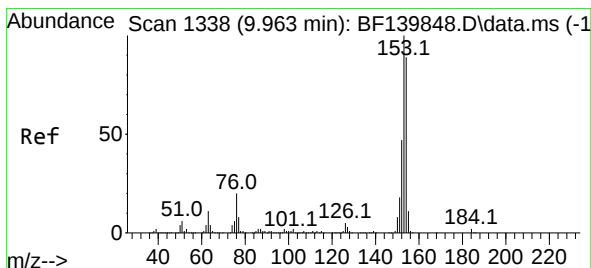
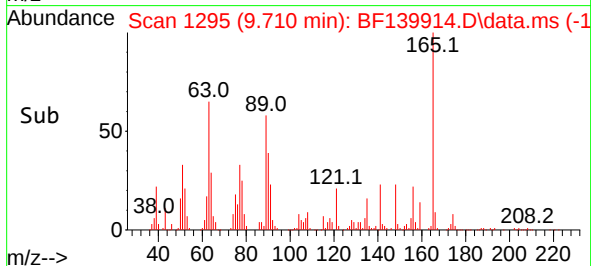
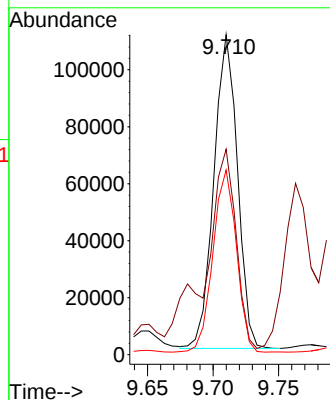
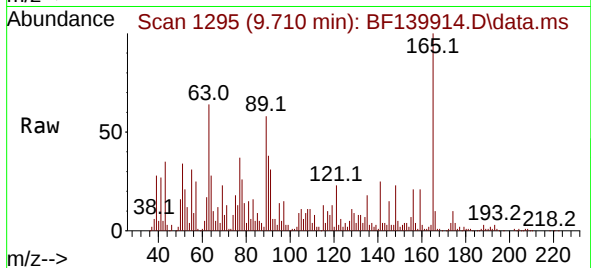
89 57.7 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#52

Acenaphthene

Concen: 52.126 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

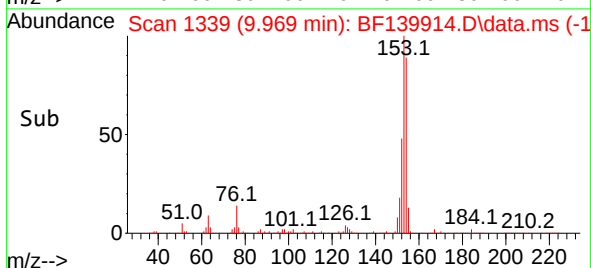
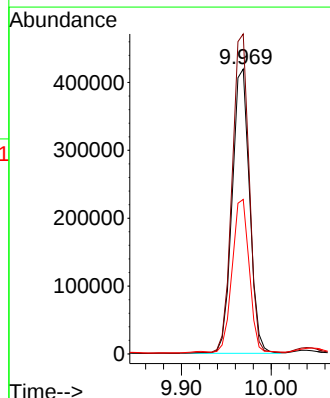
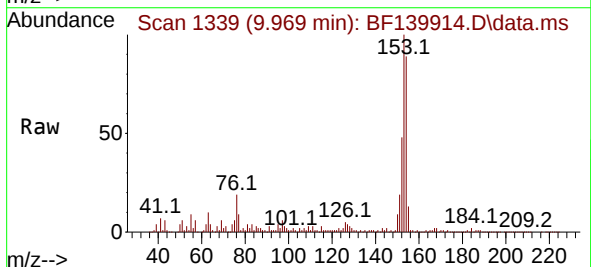
Tgt Ion:154 Resp: 565907

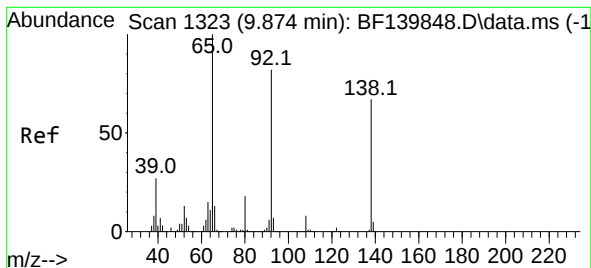
Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.6

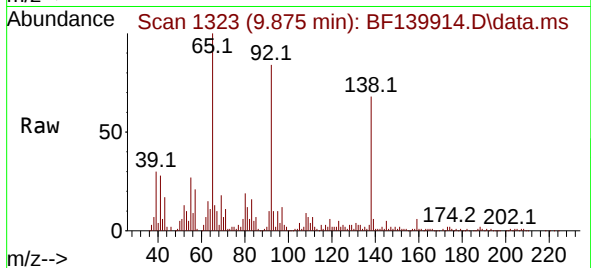
152 54.2 42.4 63.6





#53
3-Nitroaniline
Concen: 49.530 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

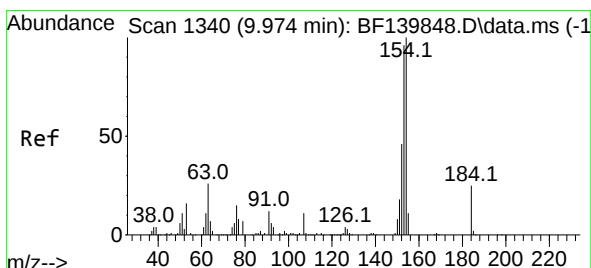
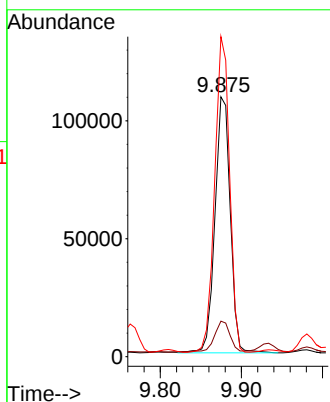
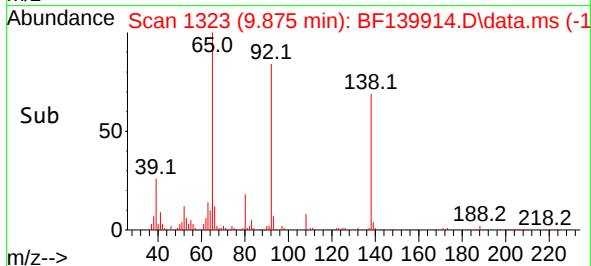
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:138 Resp: 14262
Ion Ratio Lower Upper
138 100
108 13.7 10.2 15.2
92 123.1 98.3 147.5

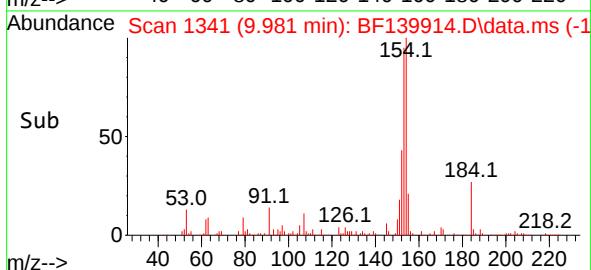
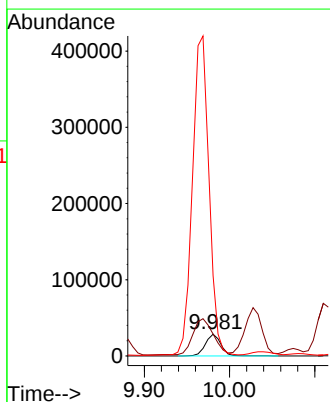
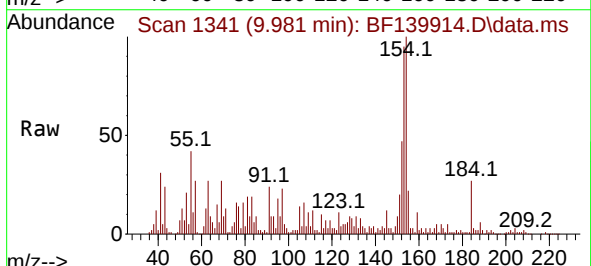
Manual Integrations
APPROVED

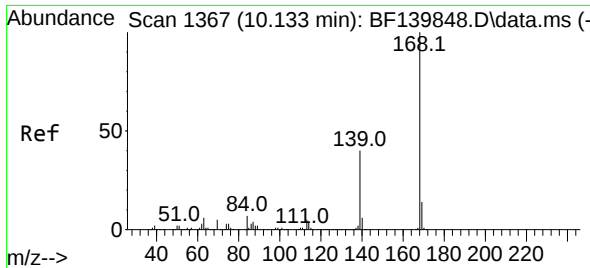
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#54
2,4-Dinitrophenol
Concen: 35.015 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

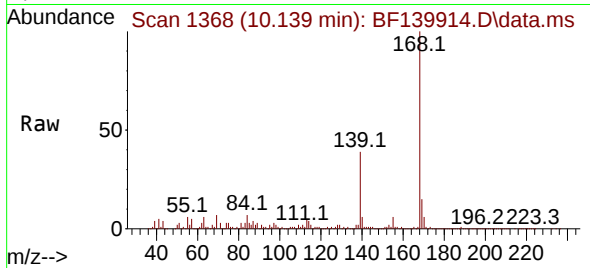
Tgt Ion:184 Resp: 35986
Ion Ratio Lower Upper
184 100
63 100.3 84.7 127.1
154 368.2 338.2 507.2





#55
Dibenzenofuran
Concen: 51.805 ng
RT: 10.139 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

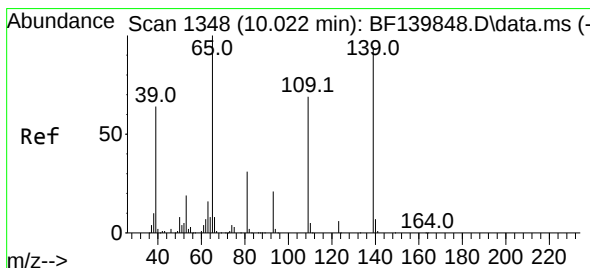
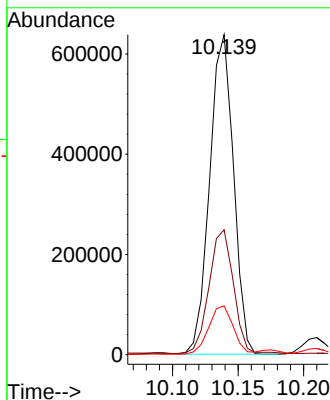
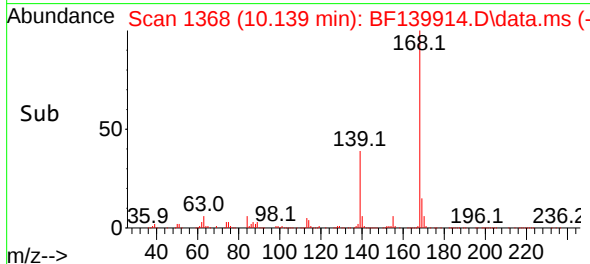
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:168 Resp: 806940
Ion Ratio Lower Upper
168 100
139 39.0 31.8 47.6
169 15.3 11.6 17.4

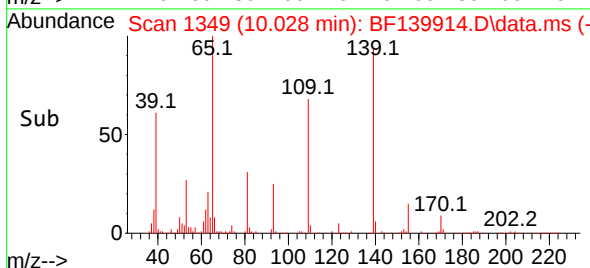
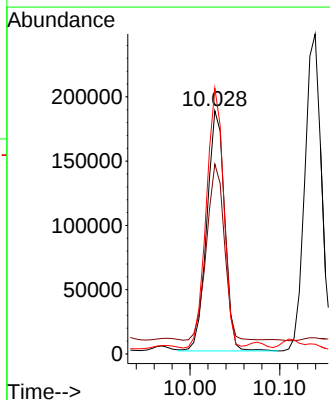
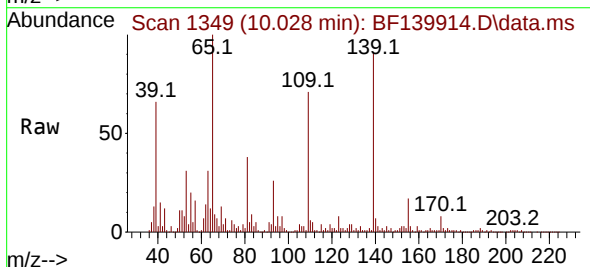
Manual Integrations
APPROVED

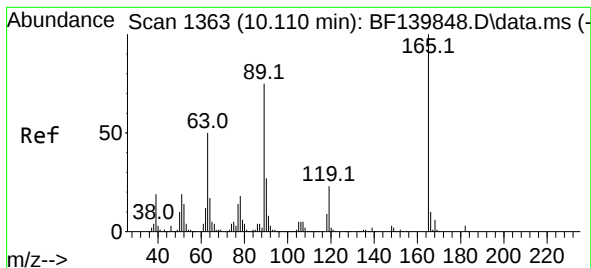
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#56
4-Nitrophenol
Concen: 116.755 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

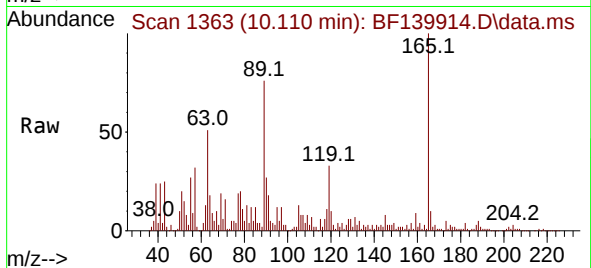
Tgt Ion:139 Resp: 258658
Ion Ratio Lower Upper
139 100
109 78.1 53.6 93.6
65 109.3 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 51.012 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

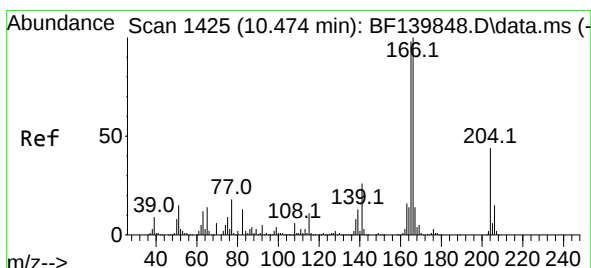
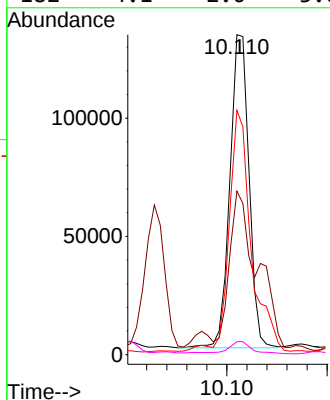
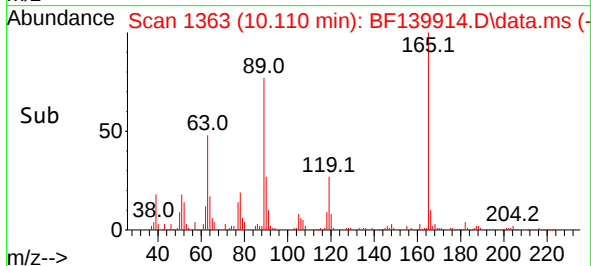
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:165 Resp: 17516
Ion Ratio Lower Upper
165 100
63 51.1 40.1 60.1
89 76.3 60.4 90.6
182 4.1 2.0 3.0#

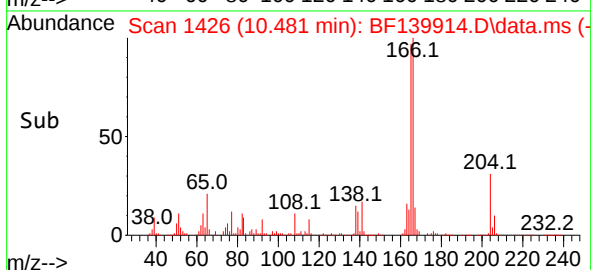
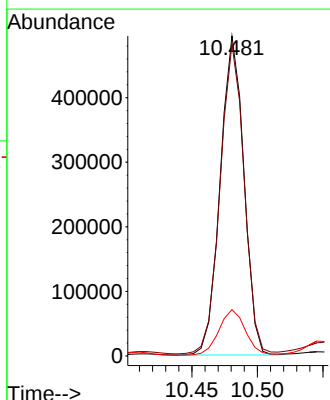
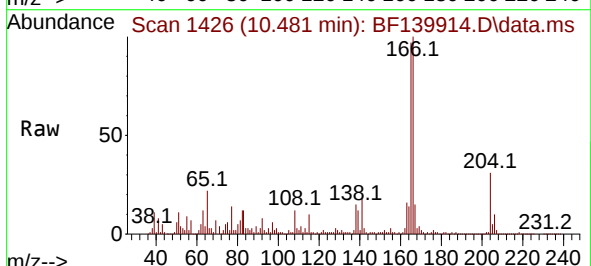
Manual Integrations
APPROVED

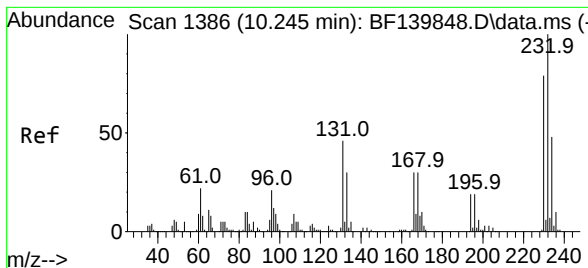
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#58
Fluorene
Concen: 52.278 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

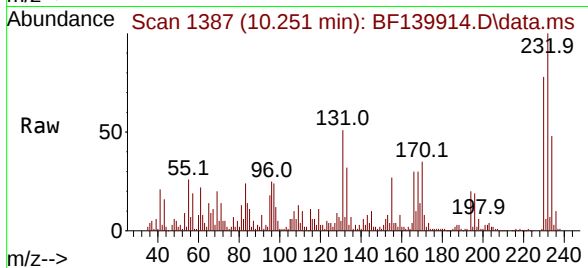
Tgt Ion:166 Resp: 620230
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 14.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.702 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

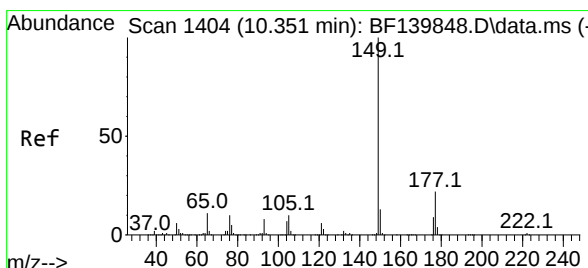
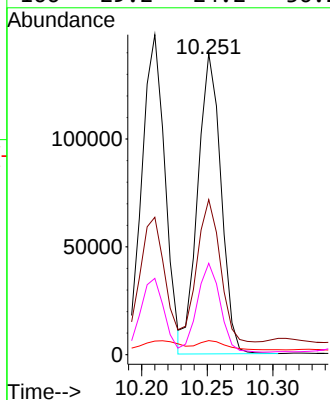
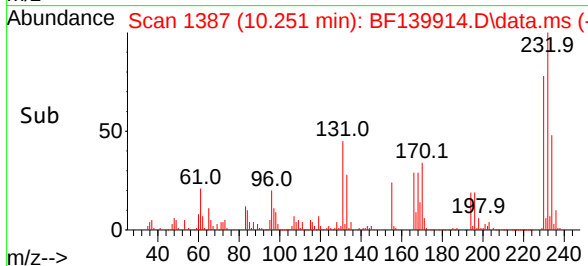
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:232 Resp: 171768
Ion Ratio Lower Upper
232 100
131 49.2 37.0 55.6
130 3.7 1.9 2.9
166 29.2 24.2 36.2

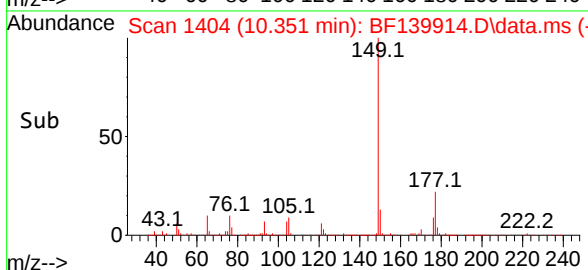
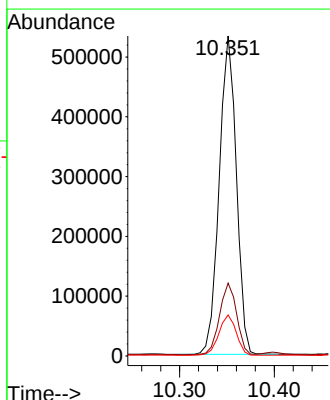
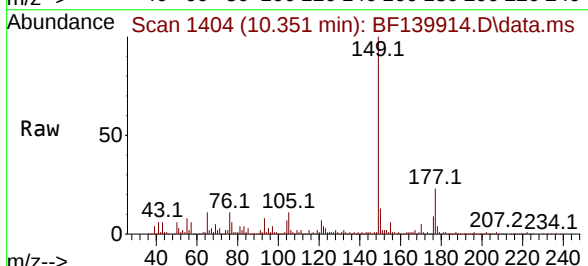
Manual Integrations
APPROVED

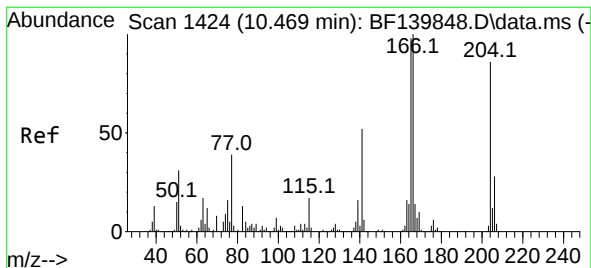
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#60
Diethylphthalate
Concen: 52.981 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

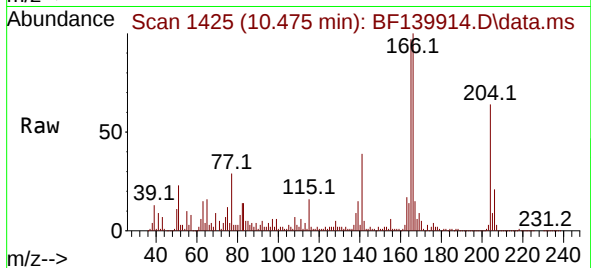
Tgt Ion:149 Resp: 670868
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.703 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

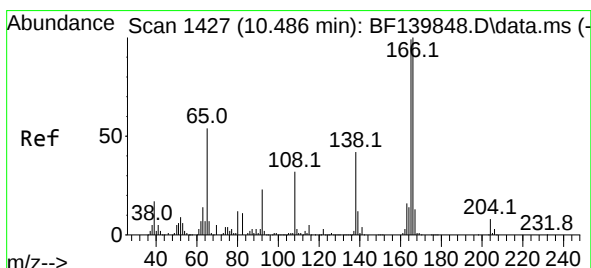
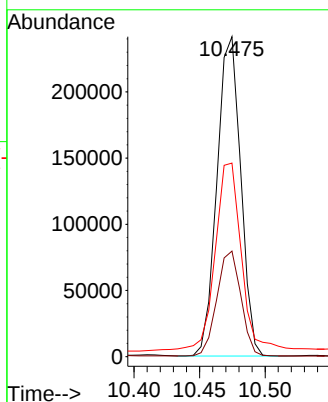
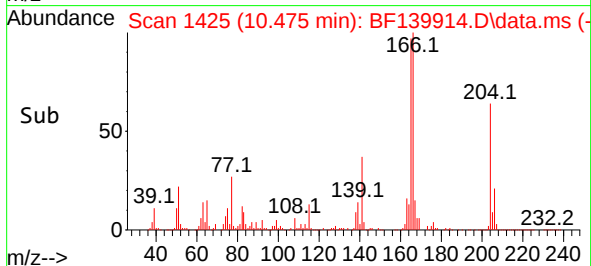
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



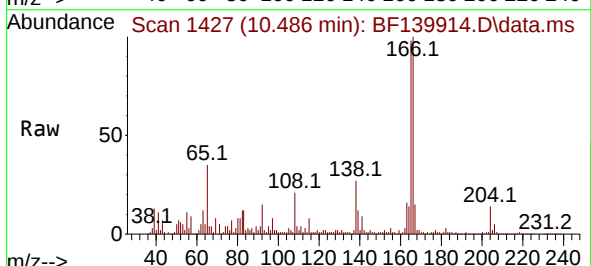
Tgt Ion:204 Resp: 303779
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 60.5 48.6 73.0

Manual Integrations
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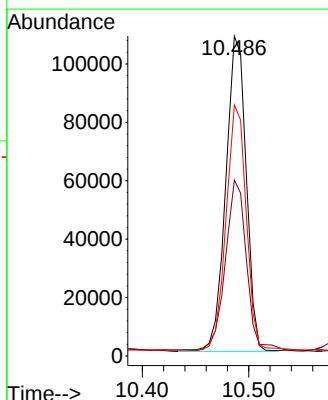
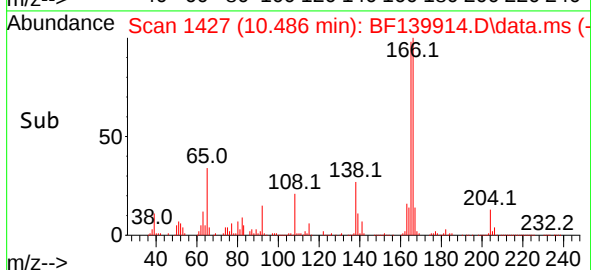
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

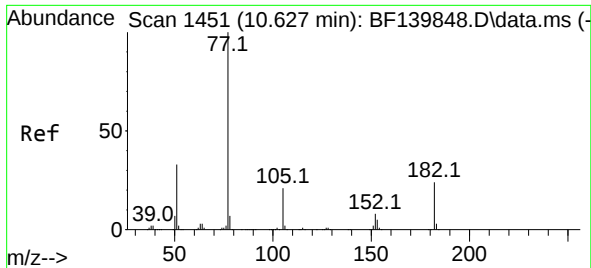


#62
4-Nitroaniline
Concen: 52.912 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



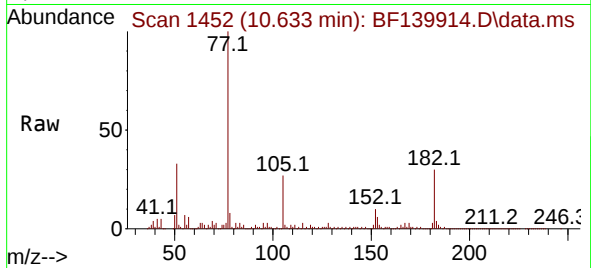
Tgt Ion:138 Resp: 143901
Ion Ratio Lower Upper
138 100
92 54.9 35.7 75.7
108 78.5 57.5 97.5





#63
Azobenzene
Concen: 53.408 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

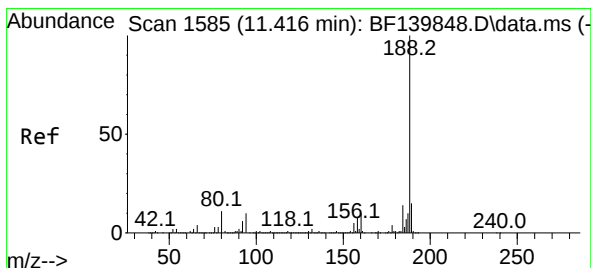
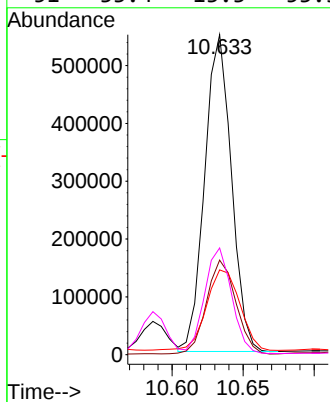
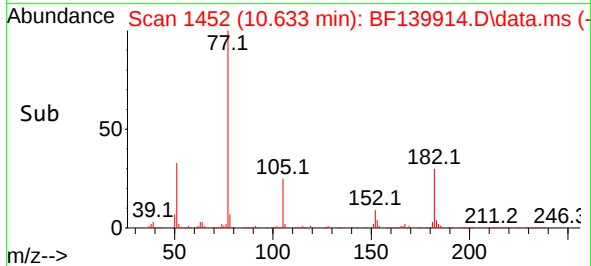
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion: 77 Resp: 716940
Ion Ratio Lower Upper
77 100
182 29.6 3.3 43.3
105 26.5 1.2 41.2
51 33.4 13.3 53.3

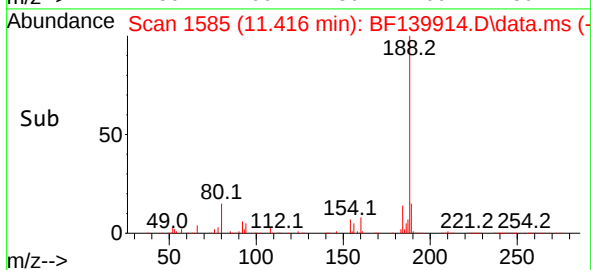
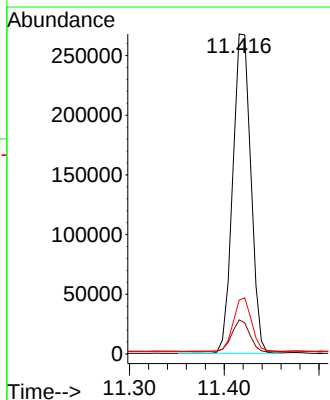
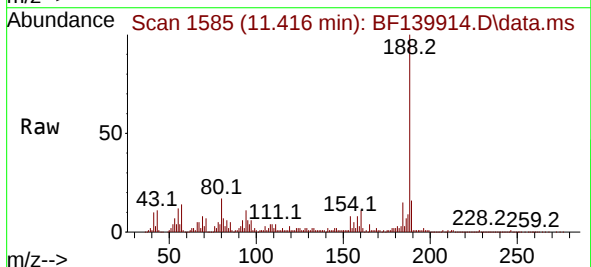
Manual Integrations
APPROVED

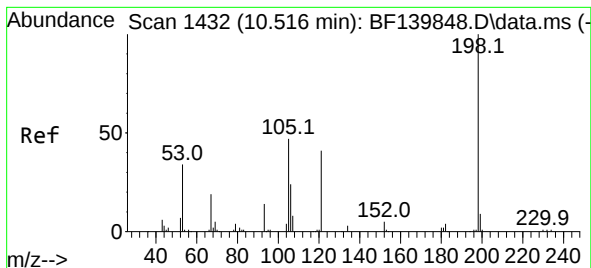
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Tgt Ion:188 Resp: 353526
Ion Ratio Lower Upper
188 100
94 10.6 7.9 11.9
80 16.8 9.0 13.4#





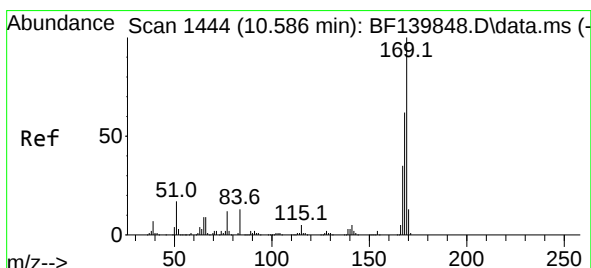
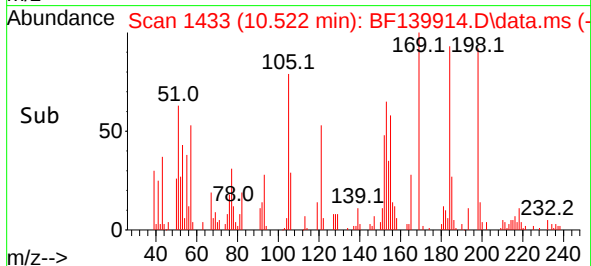
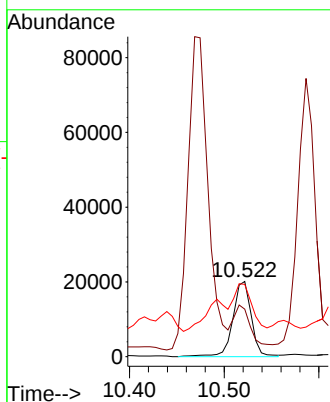
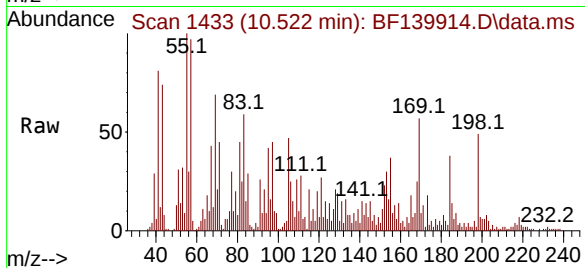
#65
4,6-Dinitro-2-methylphenol
Concen: 18.853 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:198 Resp: 27180
Ion Ratio Lower Upper
198 100
51 63.3 38.2 78.2
105 96.3 27.9 67.9

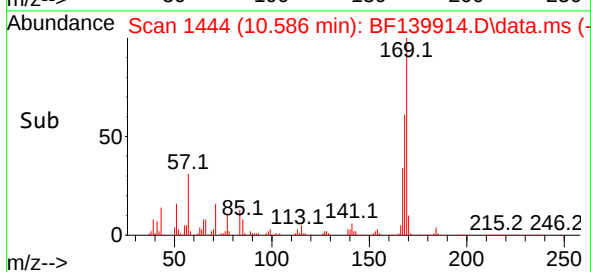
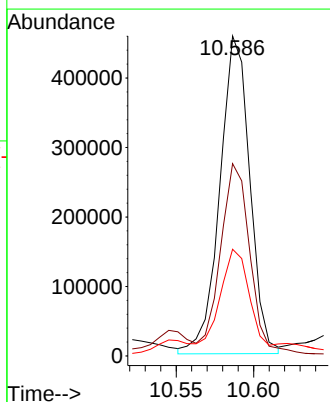
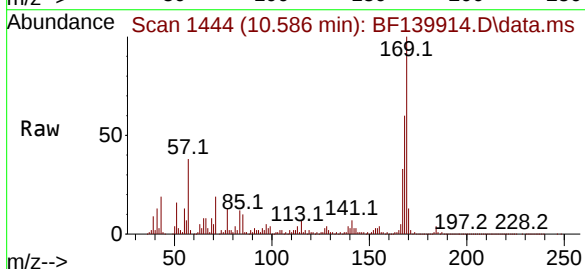
Manual Integrations
APPROVED

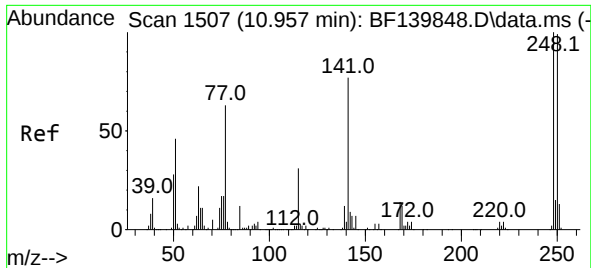
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#66
n-Nitrosodiphenylamine
Concen: 58.041 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

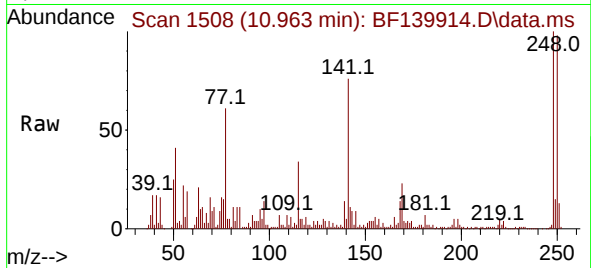
Tgt Ion:169 Resp: 614128
Ion Ratio Lower Upper
169 100
168 60.1 49.8 74.6
167 33.4 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 53.308 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

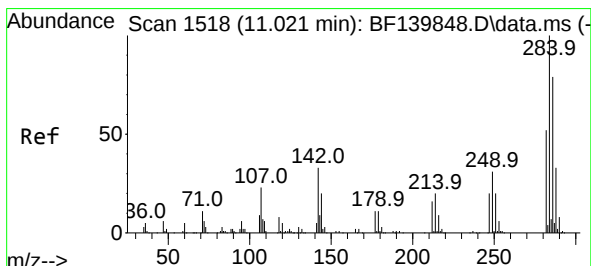
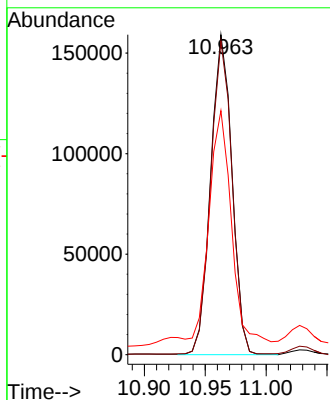
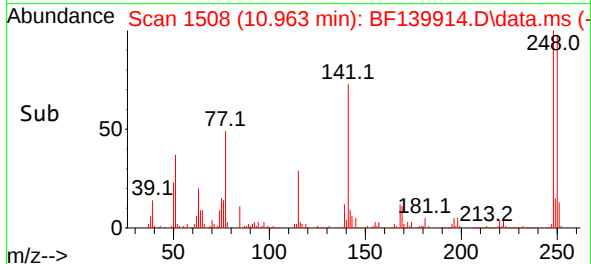
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



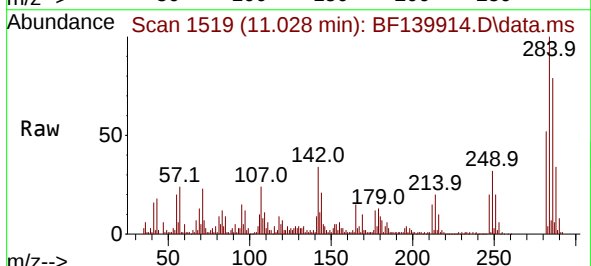
Tgt Ion:248 Resp: 19414
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 76.2 61.7 92.5

Manual Integrations
APPROVED

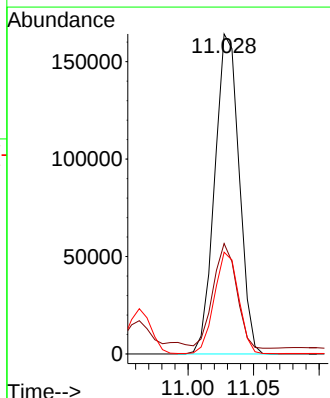
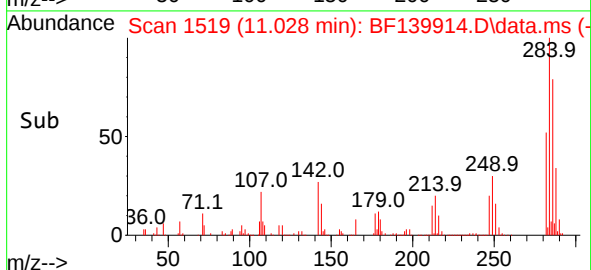
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

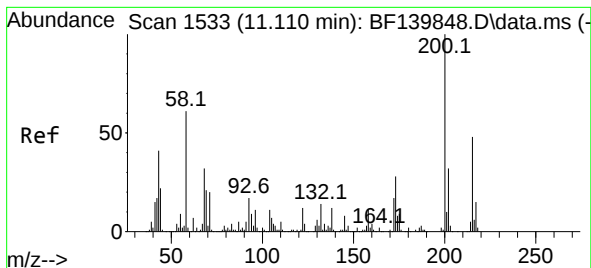


#68
Hexachlorobenzene
Concen: 51.703 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



Tgt Ion:284 Resp: 211775
Ion Ratio Lower Upper
284 100
142 34.5 26.9 40.3
249 31.8 25.3 37.9





#69

Atrazine

Concen: 65.107 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139914.D

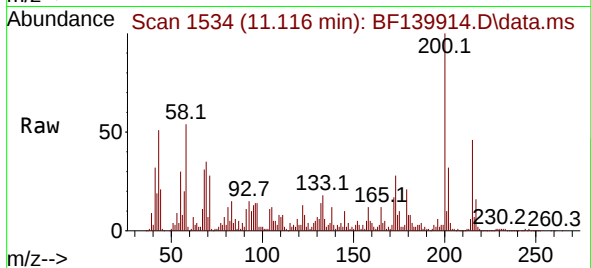
Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD



Tgt Ion:200 Resp: 186610

Ion Ratio Lower Upper

200 100

173 27.9 7.7 47.7

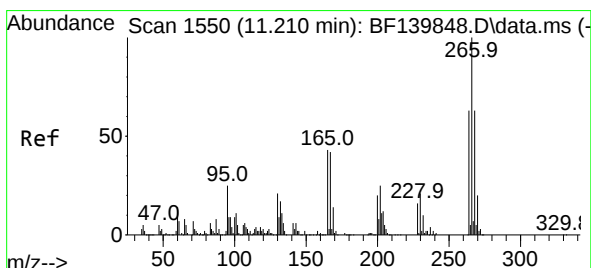
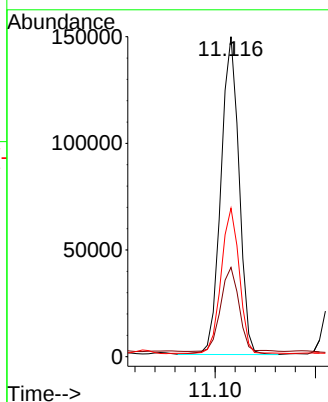
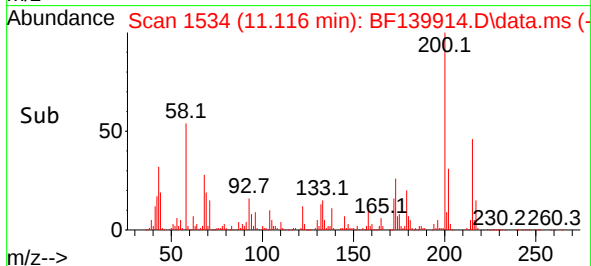
215 46.4 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#70

Pentachlorophenol

Concen: 111.178 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.012 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

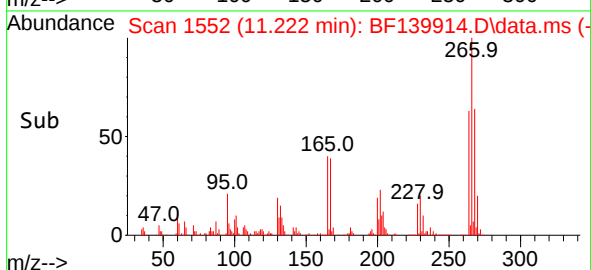
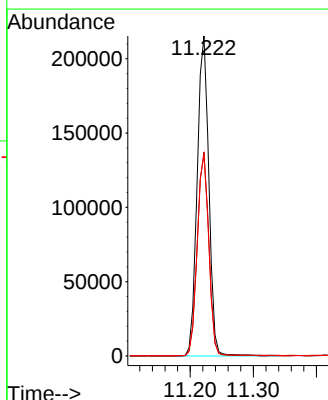
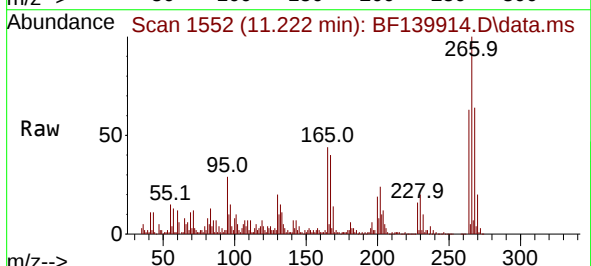
Tgt Ion:266 Resp: 276377

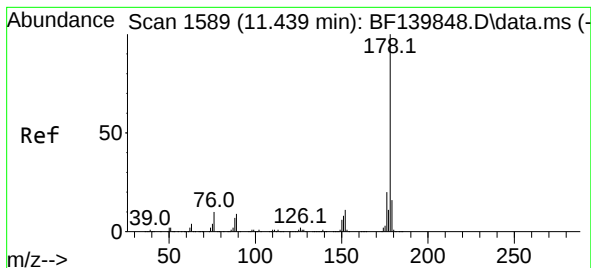
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.9 50.6 75.8





#71

Phenanthrene

Concen: 58.346 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:178 Resp: 97433

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

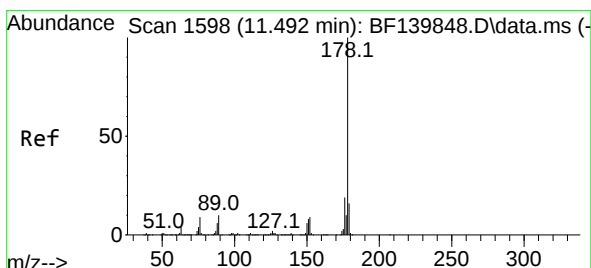
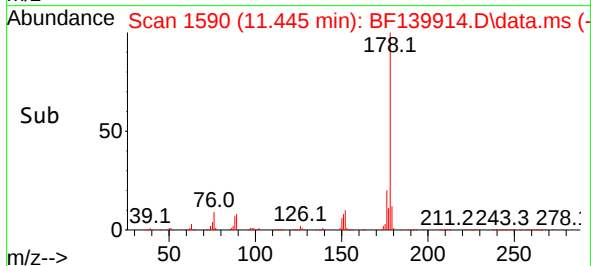
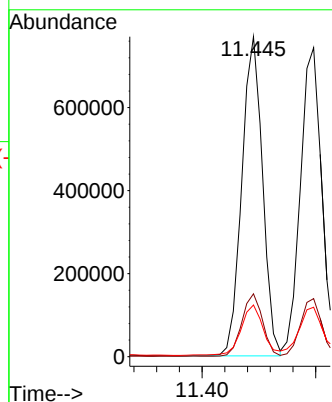
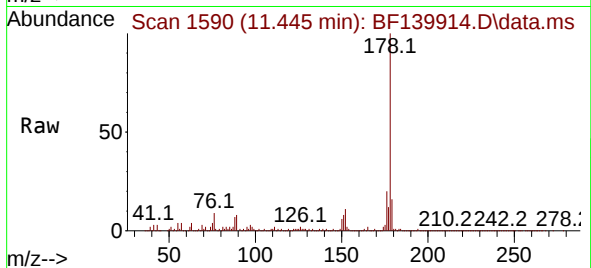
179 16.2 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#72

Anthracene

Concen: 61.317 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

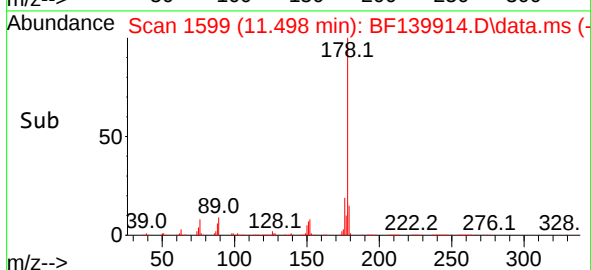
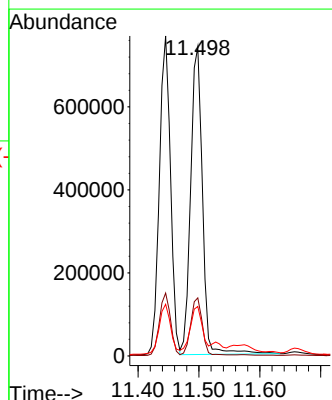
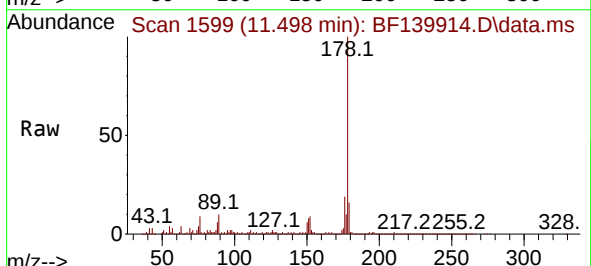
Tgt Ion:178 Resp: 999042

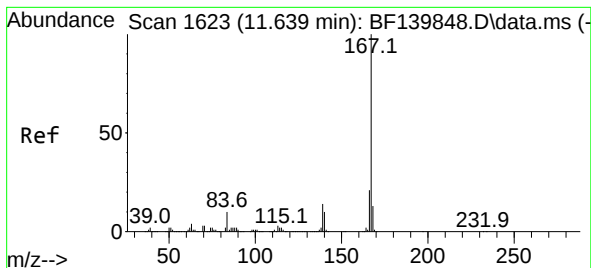
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 16.0 12.4 18.6





#73

Carbazole

Concen: 56.123 ng

RT: 11.651 min Scan# 1625

Delta R.T. 0.012 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:167 Resp: 850430

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.6

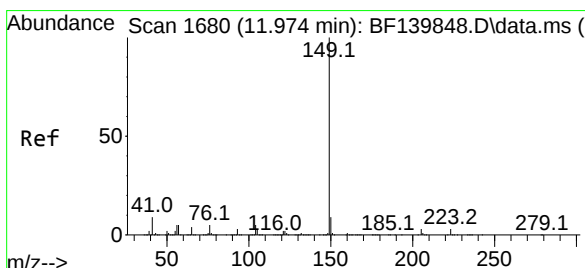
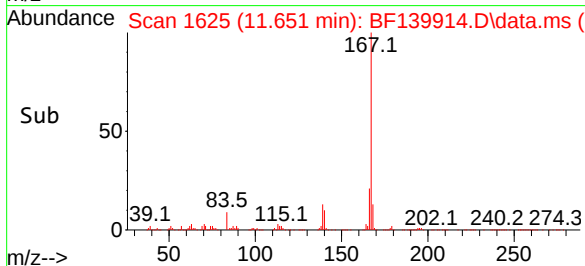
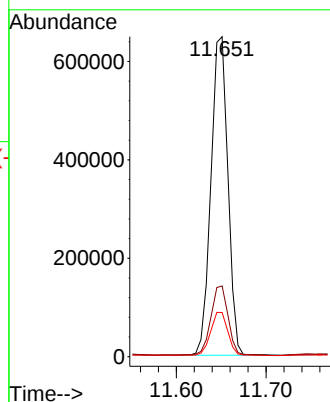
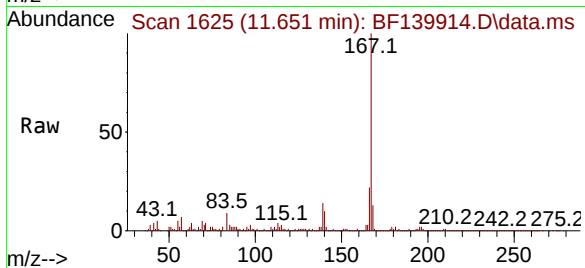
139 13.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#74

Di-n-butylphthalate

Concen: 58.636 ng

RT: 11.980 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

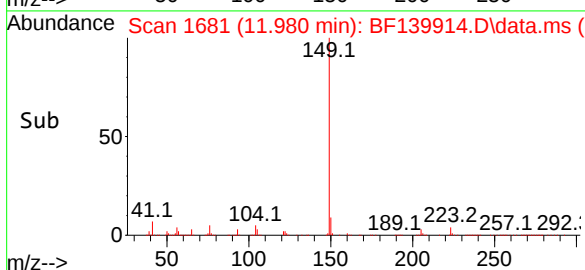
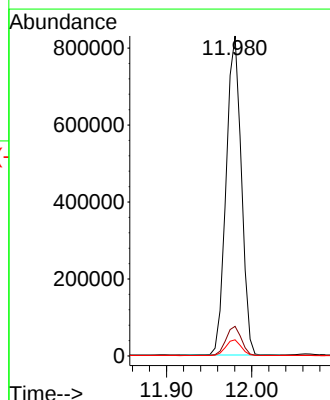
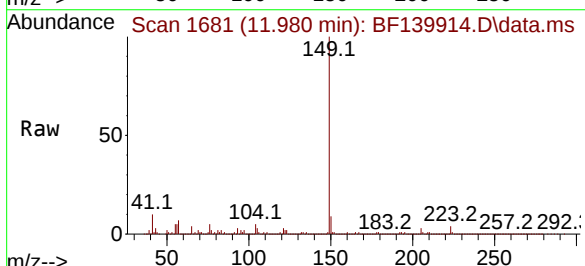
Tgt Ion:149 Resp: 1026526

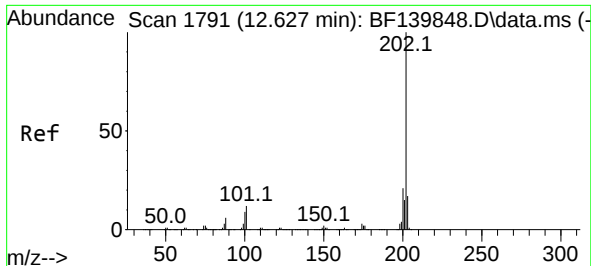
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

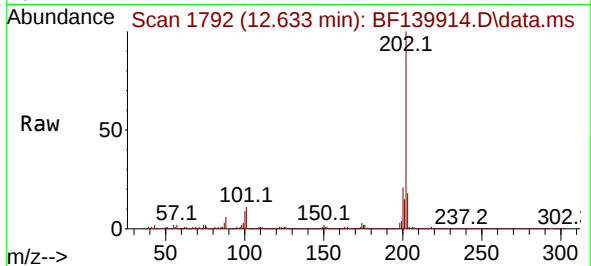
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 63.038 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

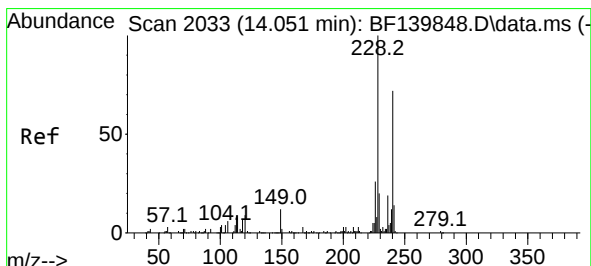
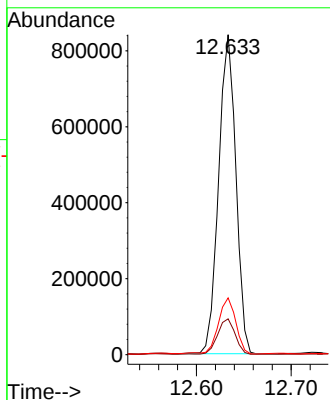
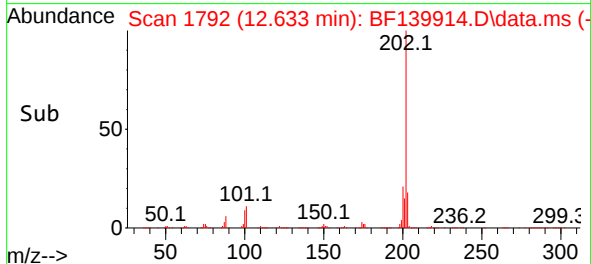
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:202 Resp: 106417
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.9
203 17.7 0.0 37.5

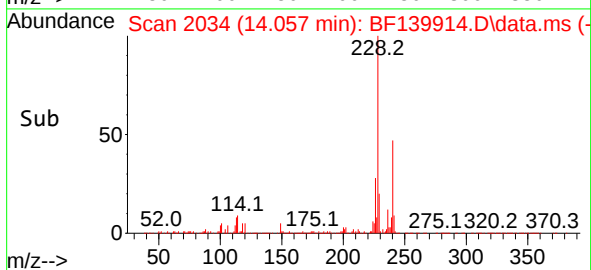
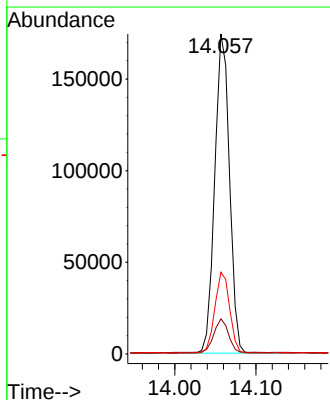
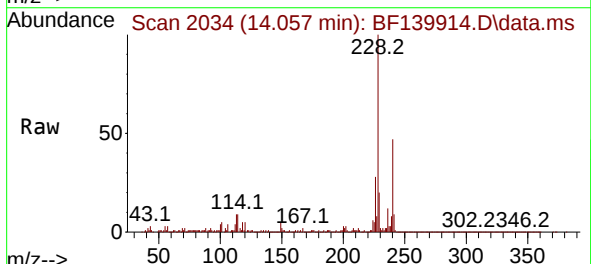
Manual Integrations
APPROVED

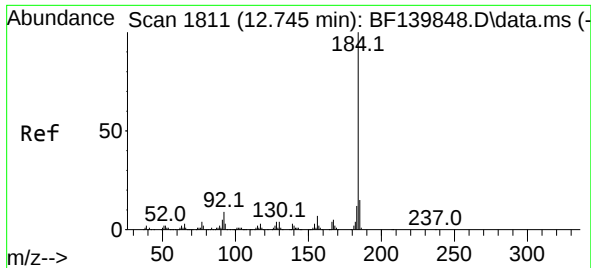
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

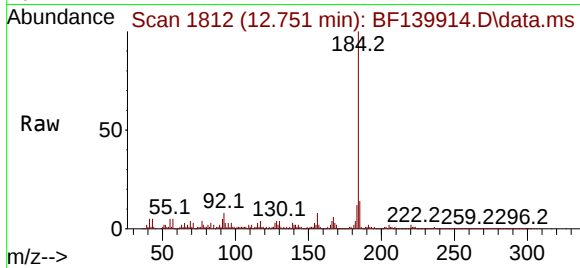
Tgt Ion:240 Resp: 219663
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.5 20.9 31.3





#77
Benzidine
Concen: 119.781 ng
RT: 12.751 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

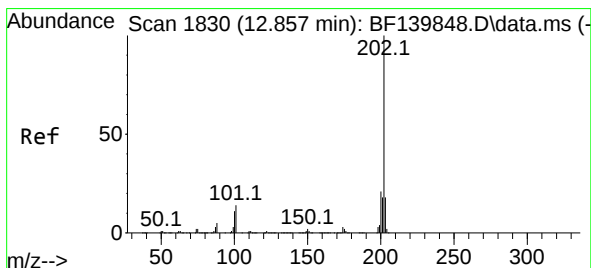
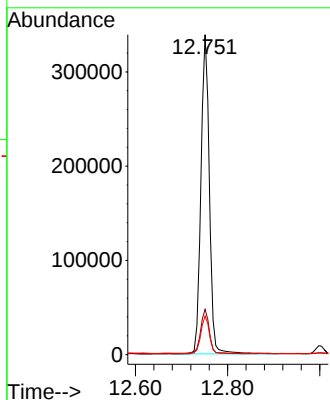
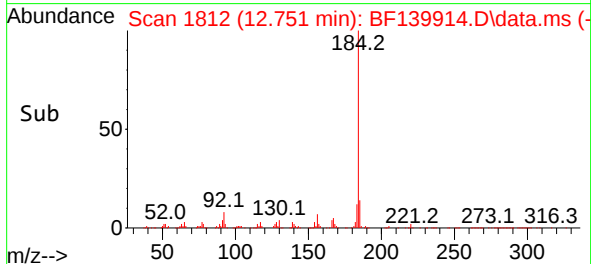
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



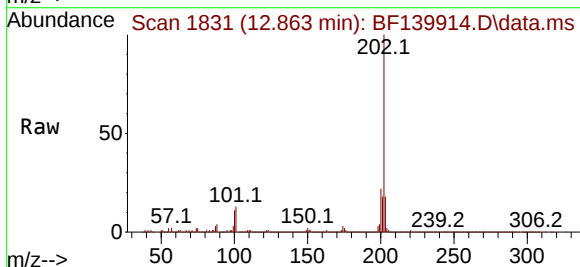
Tgt Ion:184 Resp: 432650
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 12.0 9.4 14.2

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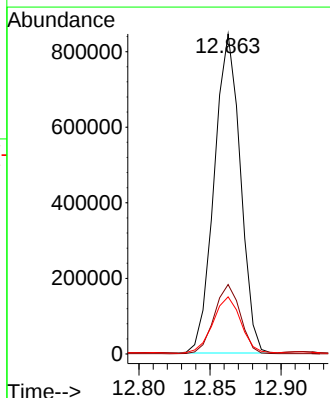
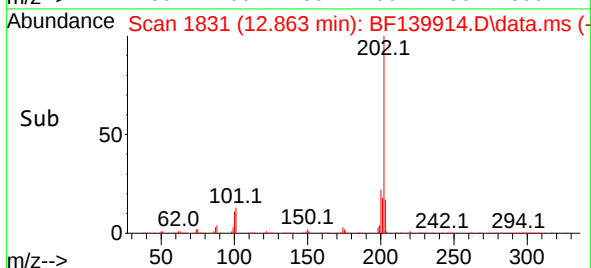
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

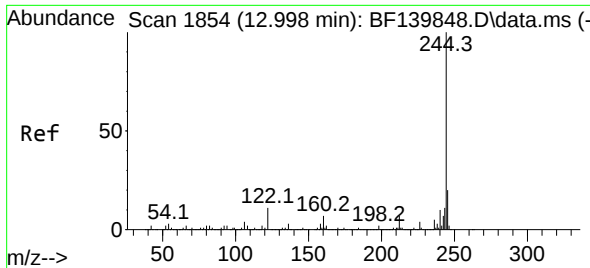


#78
Pyrene
Concen: 56.234 ng
RT: 12.863 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32



Tgt Ion:202 Resp: 1081259
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.9 14.2 21.4





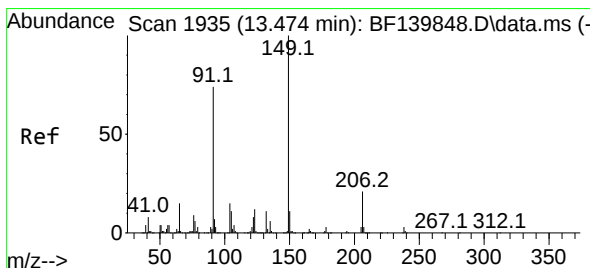
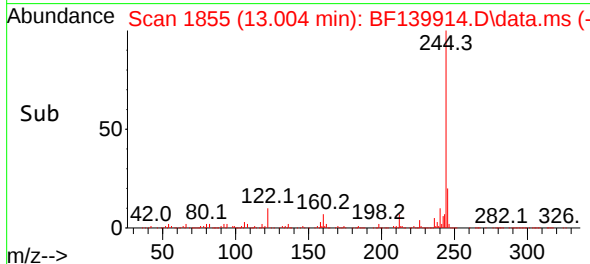
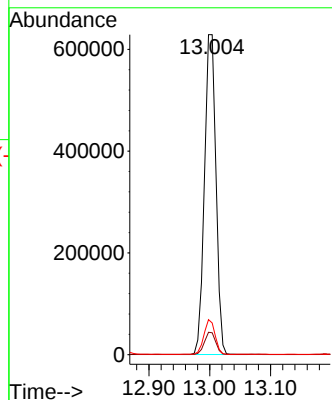
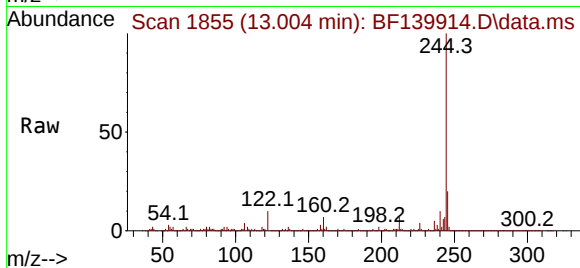
#79
 Terphenyl-d14
 Concen: 61.301 ng
 RT: 13.004 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF139914.D
 Acq: 21 Oct 2024 20:32

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD

Tgt Ion:244 Resp: 826375
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.9 8.6 13.0

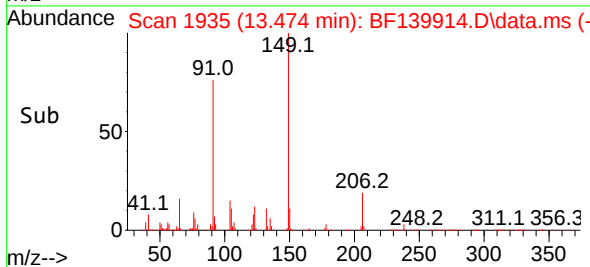
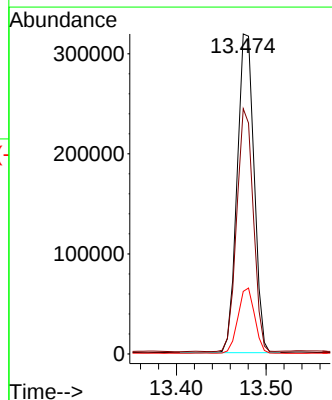
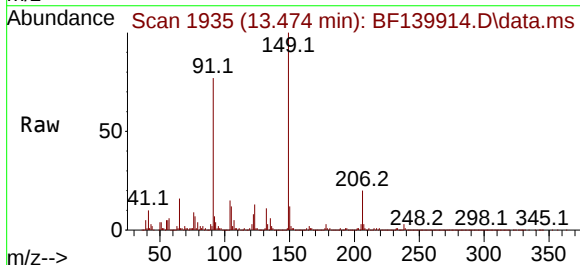
Manual Integrations
 APPROVED

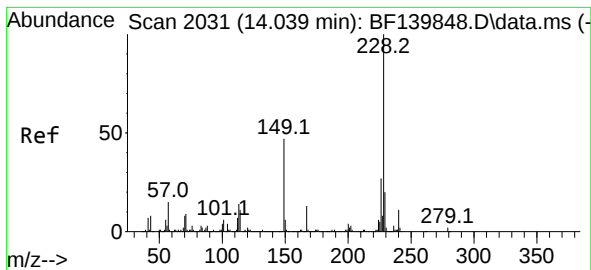
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#80
 Butylbenzylphthalate
 Concen: 72.627 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139914.D
 Acq: 21 Oct 2024 20:32

Tgt Ion:149 Resp: 418659
 Ion Ratio Lower Upper
 149 100
 91 76.7 59.4 89.2
 206 19.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 58.908 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:228 Resp: 84234

Ion Ratio Lower Upper

228 100

226 28.0 21.6 32.4

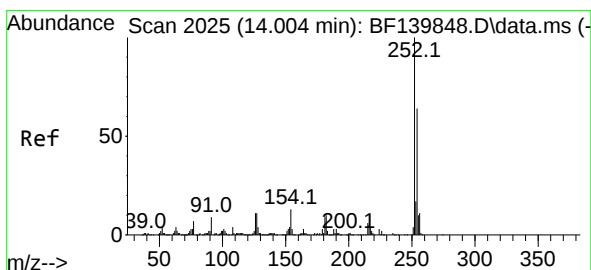
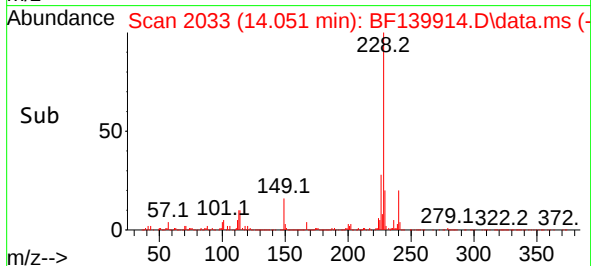
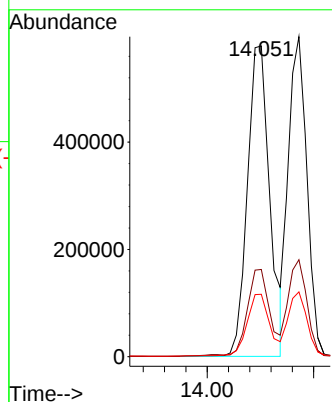
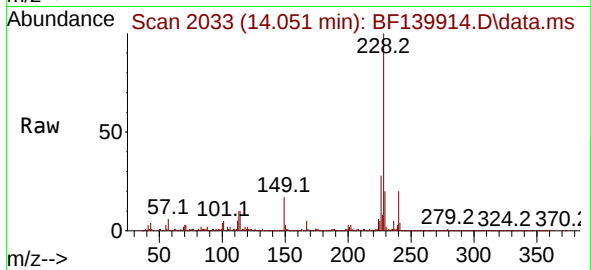
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 59.317 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

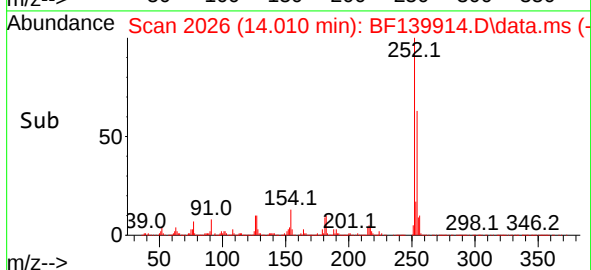
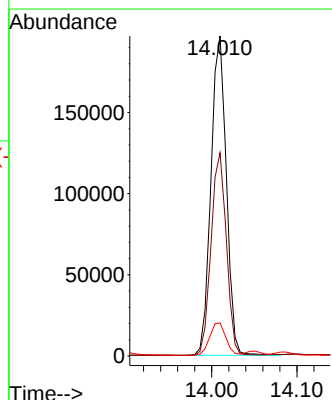
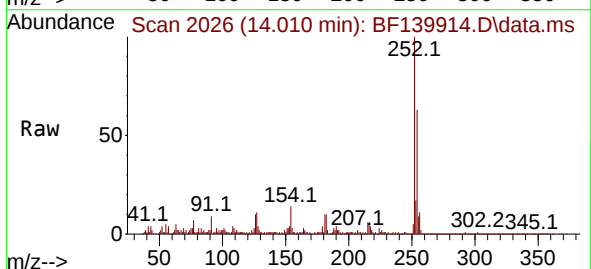
Tgt Ion:252 Resp: 247304

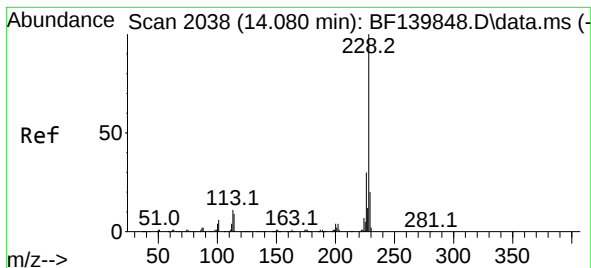
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 10.3 8.9 13.3





#83

Chrysene

Concen: 54.875 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:228 Resp: 71945

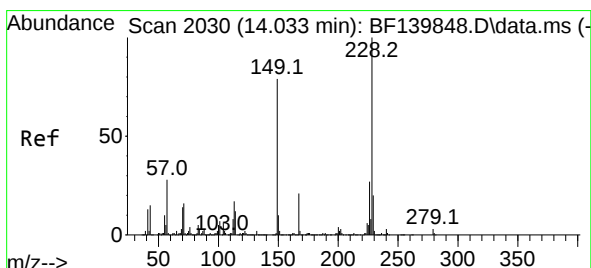
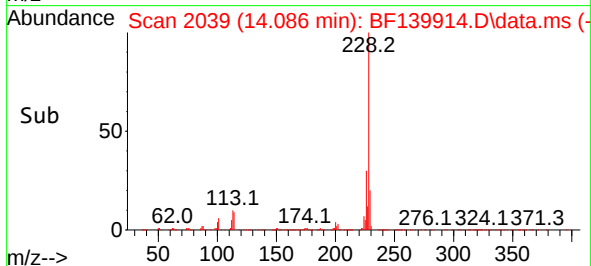
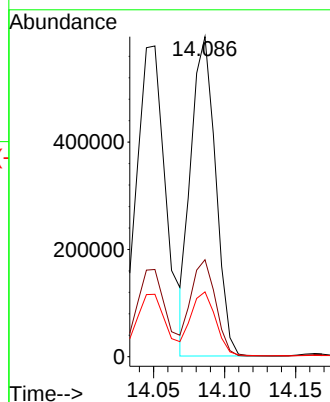
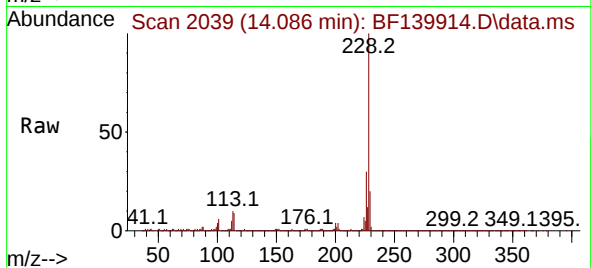
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	20.2	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.459 ng

RT: 14.039 min Scan# 2031

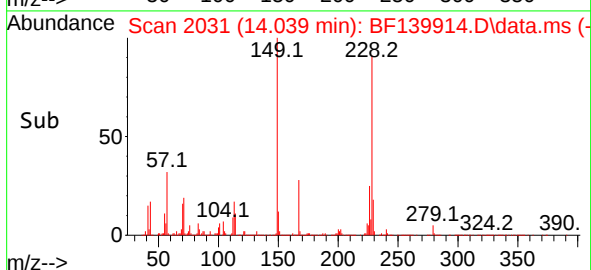
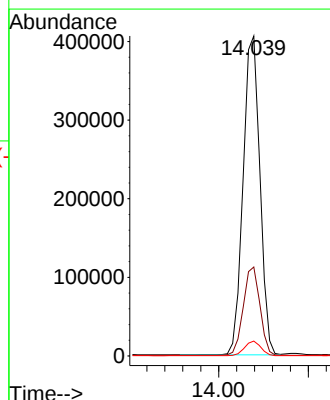
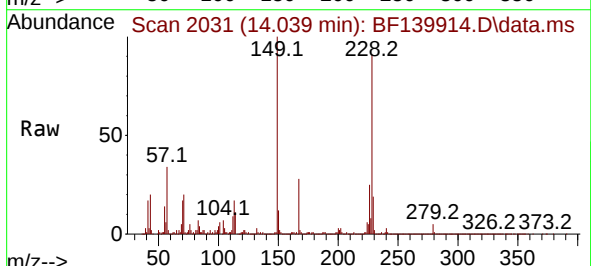
Delta R.T. 0.006 min

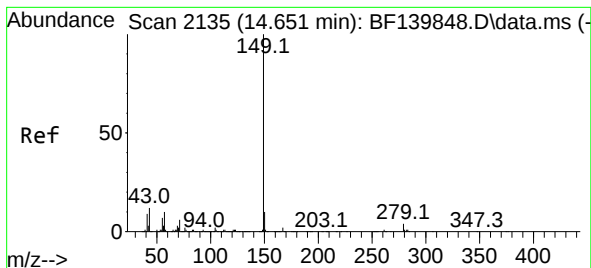
Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Tgt Ion:149 Resp: 526835

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.4	32.0
279	4.7	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 68.192 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

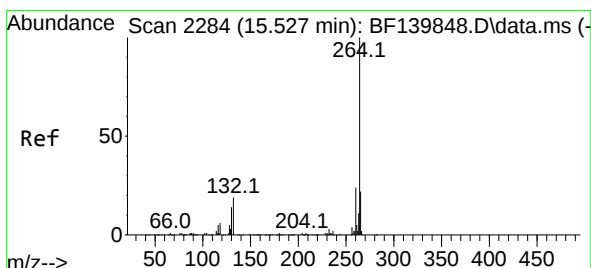
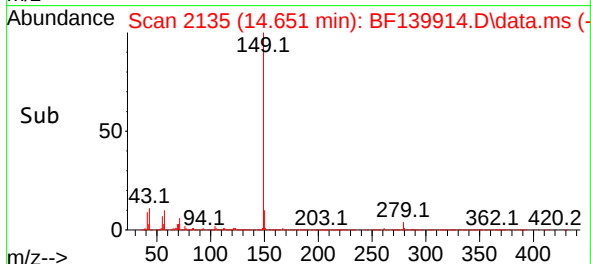
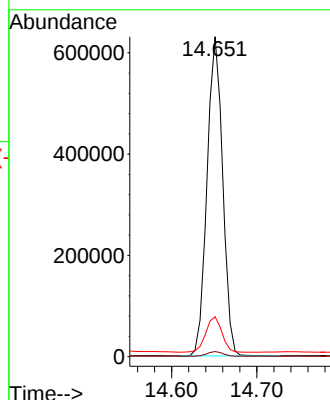
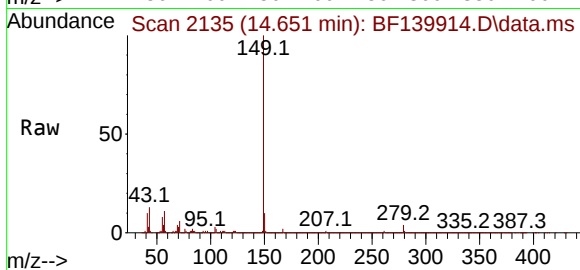
IB-1MSD

Tgt Ion:149 Resp: 802185

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.4	9.8	14.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

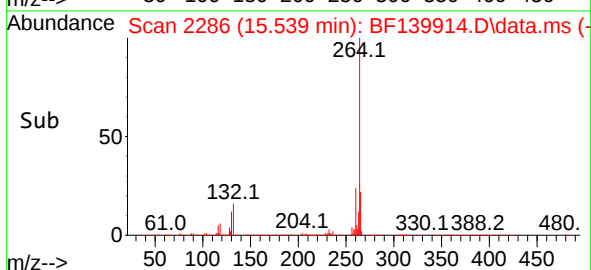
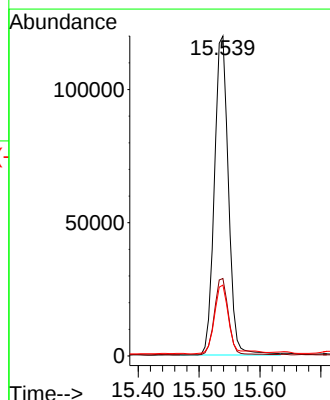
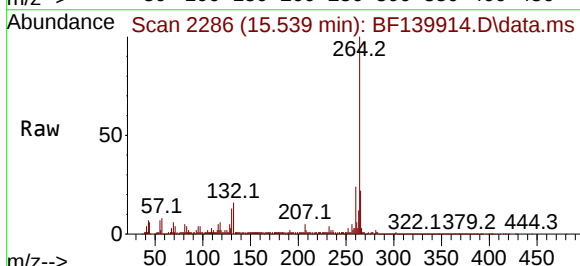
Delta R.T. 0.012 min

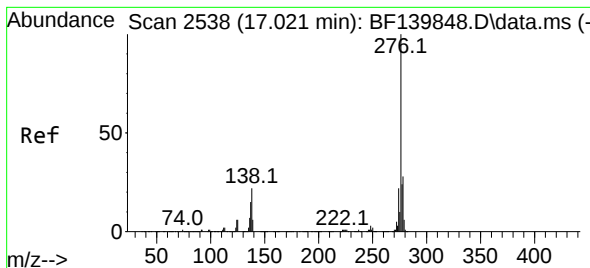
Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Tgt Ion:264 Resp: 191968

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.159 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:276 Resp: 582408

Ion Ratio Lower Upper

276 100

138 23.3 20.4 30.6

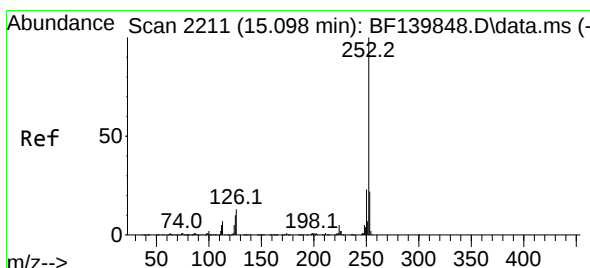
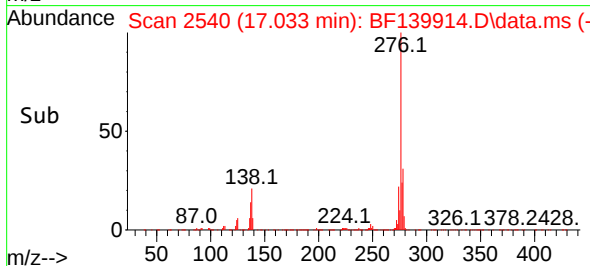
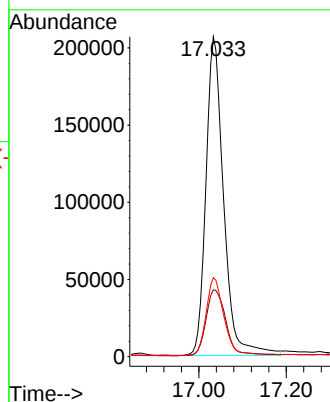
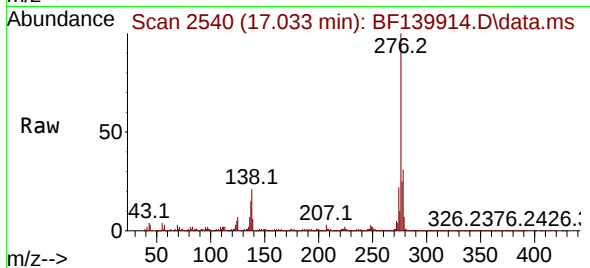
277 25.1 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#88

Benzo(b)fluoranthene

Concen: 54.821 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

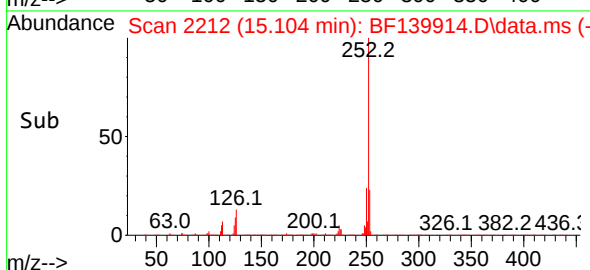
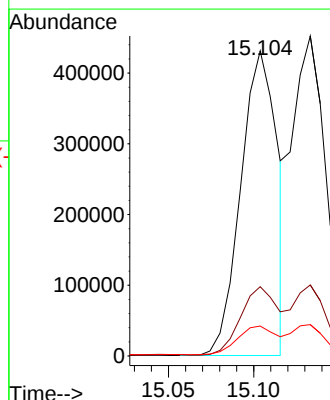
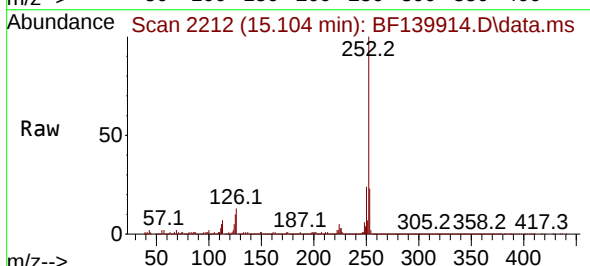
Tgt Ion:252 Resp: 641069

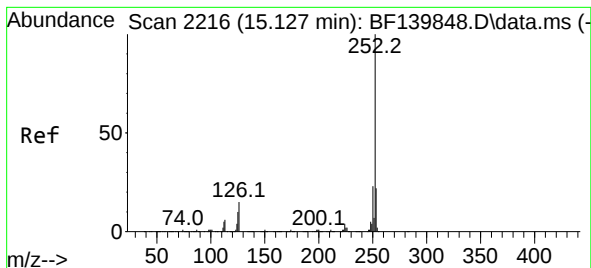
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 61.762 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

Instrument :

BNF

ClientSampleId :

IB-1MSD

Tgt Ion:252 Resp: 62287

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

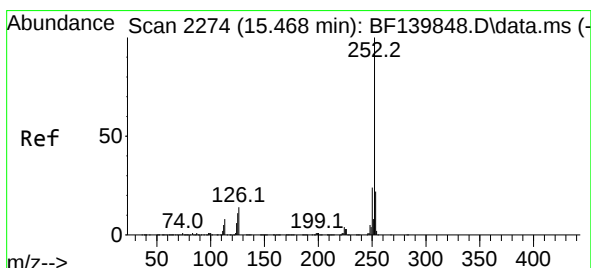
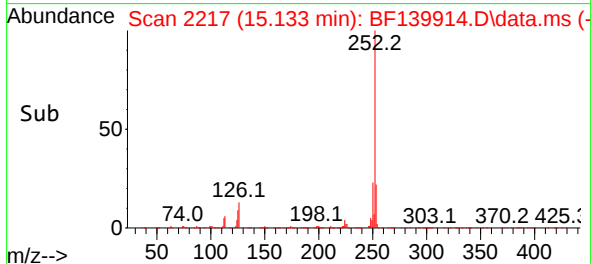
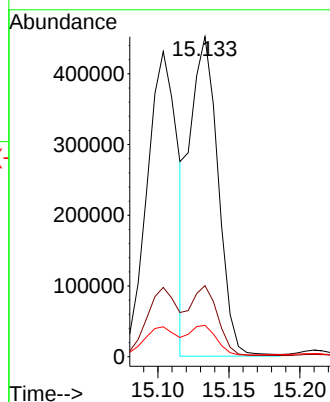
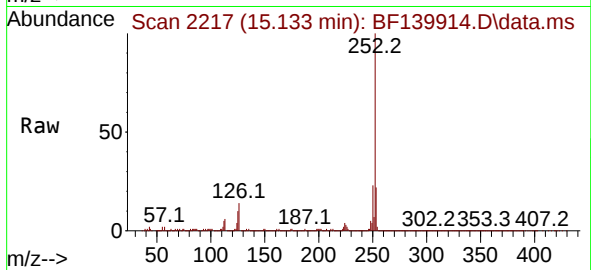
125 9.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#90

Benzo(a)pyrene

Concen: 61.239 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139914.D

Acq: 21 Oct 2024 20:32

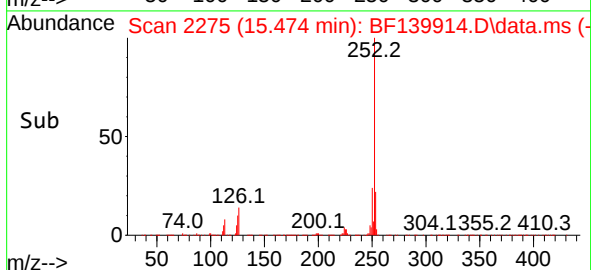
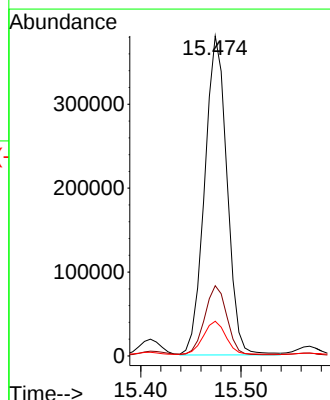
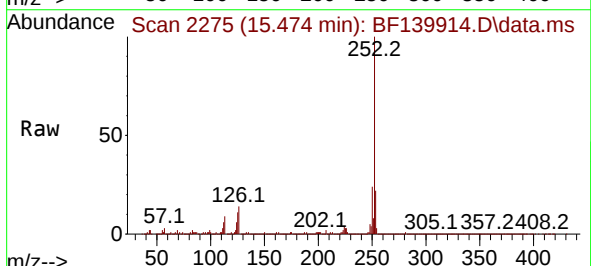
Tgt Ion:252 Resp: 589245

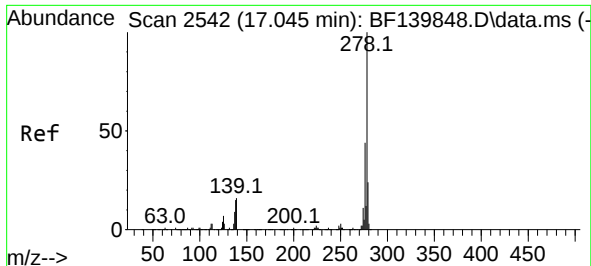
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

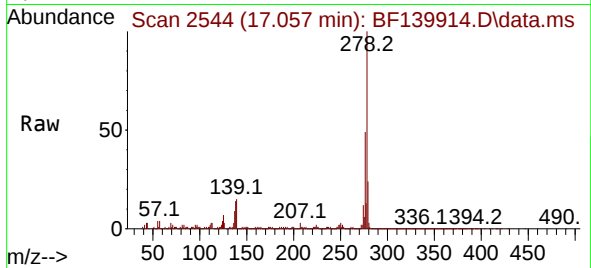
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 46.075 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.012 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

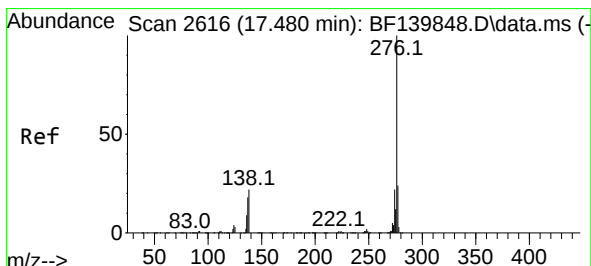
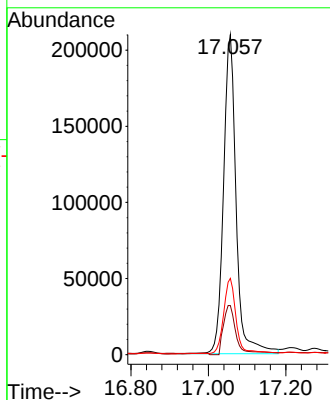
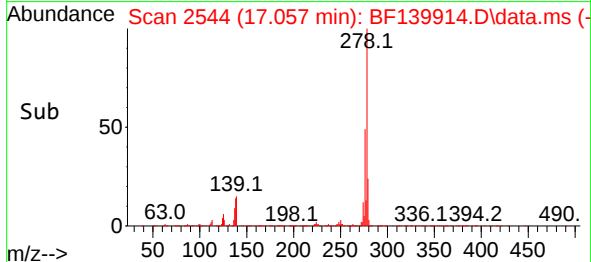
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:278 Resp: 474682
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#92
Benzo(g,h,i)perylene
Concen: 40.699 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139914.D
Acq: 21 Oct 2024 20:32

Tgt Ion:276 Resp: 418831
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 20.5 17.4 26.0

