

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137973.D
 Acq On : 21 May 2024 12:22
 Operator : CG\JU
 Sample : PB160974BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160974BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 12:47:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	154370	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	606523	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	339468	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	587011	20.000	ng	0.00
76) Chrysene-d12	14.227	240	339457	20.000	ng	0.00
86) Perylene-d12	15.786	264	297414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1132865	124.657	ng	0.00
7) Phenol-d6	6.657	99	1391759	124.322	ng	0.00
23) Nitrobenzene-d5	7.598	82	859196	83.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	480769	140.459	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1828783	82.984	ng	0.00
79) Terphenyl-d14	13.163	244	2047624	88.900	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	142418	36.175	ng	98
3) Pyridine	3.775	79	344409	38.988	ng	99
4) n-Nitrosodimethylamine	3.740	42	172355	44.228	ng	96
6) Aniline	6.698	93	328015m	32.759	ng	
8) 2-Chlorophenol	6.816	128	456031	46.369	ng	98
9) Benzaldehyde	6.592	77	374337	61.806	ng	97
10) Phenol	6.669	94	513251	45.422	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	403062	46.458	ng	98
12) 1,3-Dichlorobenzene	6.975	146	481649	42.328	ng	98
13) 1,4-Dichlorobenzene	7.051	146	489588	42.865	ng	99
14) 1,2-Dichlorobenzene	7.204	146	469369	43.663	ng	99
15) Benzyl Alcohol	7.169	79	373902	50.018	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.298	45	497366	46.637	ng	99
17) 2-Methylphenol	7.275	107	358453	45.702	ng	99
18) Hexachloroethane	7.545	117	167171	43.252	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	291340	46.322	ng	97
20) 3+4-Methylphenols	7.428	107	462898	45.051	ng	93
22) Acetophenone	7.445	105	606505	44.638	ng	99
24) Nitrobenzene	7.616	77	443135	42.384	ng	96
25) Isophorone	7.851	82	818697	45.770	ng	99
26) 2-Nitrophenol	7.934	139	240565	45.792	ng	97
27) 2,4-Dimethylphenol	7.957	122	338187	50.001	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	489160	45.122	ng	99
29) 2,4-Dichlorophenol	8.169	162	394780	46.416	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	406221	42.776	ng	98
31) Naphthalene	8.339	128	1327340	43.525	ng	99
32) Benzoic acid	8.081	122	299871	52.448	ng	99
33) 4-Chloroaniline	8.381	127	164925	16.497	ng	100
34) Hexachlorobutadiene	8.451	225	255032	42.429	ng	100
35) Caprolactam	8.763	113	124646m	50.584	ng	
36) 4-Chloro-3-methylphenol	8.863	107	406634	46.998	ng	99
37) 2-Methylnaphthalene	9.034	142	879352	44.858	ng	98
38) 1-Methylnaphthalene	9.133	142	812387	42.155	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	412684	44.717	ng	98
41) Hexachlorocyclopentadiene	9.186	237	456265	130.111	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	292657	48.364	ng	99

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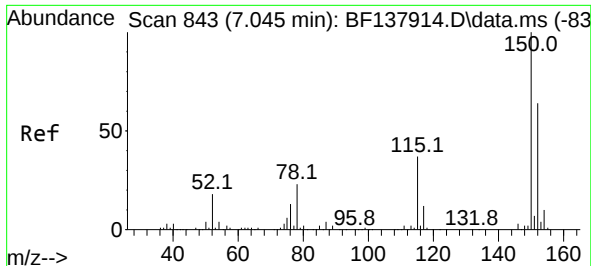
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	307485	46.441	ng	98
46) 1,1'-Biphenyl	9.498	154	1078395	45.292	ng	99
47) 2-Chloronaphthalene	9.528	162	840490	44.221	ng	98
48) 2-Nitroaniline	9.622	65	226952	46.630	ng	93
49) Acenaphthylene	9.945	152	1323828	48.440	ng	99
50) Dimethylphthalate	9.798	163	1000228	46.987	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222132	45.465	ng	97
52) Acenaphthene	10.122	154	900020	49.827	ng	99
53) 3-Nitroaniline	10.033	138	157436	32.962	ng	98
54) 2,4-Dinitrophenol	10.139	184	243374	91.142	ng #	83
55) Dibenzofuran	10.292	168	1211030	46.068	ng	100
56) 4-Nitrophenol	10.186	139	362998	105.815	ng	96
57) 2,4-Dinitrotoluene	10.269	165	304081	48.143	ng	92
58) Fluorene	10.633	166	956278	45.991	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259595	49.910	ng	99
60) Diethylphthalate	10.498	149	947310	47.649	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	477307	46.549	ng	97
62) 4-Nitroaniline	10.657	138	203641	44.952	ng	97
63) Azobenzene	10.786	77	858912	47.496	ng	98
65) 4,6-Dinitro-2-methylph...	10.675	198	172516	50.898	ng	90
66) n-Nitrosodiphenylamine	10.745	169	829341	46.070	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	299662	46.565	ng	95
68) Hexachlorobenzene	11.180	284	319252	44.880	ng #	91
69) Atrazine	11.269	200	283907	57.755	ng	99
70) Pentachlorophenol	11.375	266	409167	98.196	ng	99
71) Phenanthrene	11.604	178	1330616	45.999	ng	99
72) Anthracene	11.657	178	1347001	46.932	ng	99
73) Carbazole	11.810	167	1191599	45.449	ng	100
74) Di-n-butylphthalate	12.127	149	1458267	50.118	ng	100
75) Fluoranthene	12.798	202	1358210	46.258	ng	99
77) Benzidine	12.910	184	56396	12.712	ng	99
78) Pyrene	13.027	202	1370925	46.174	ng	99
80) Butylbenzylphthalate	13.633	149	488223	54.517	ng	99
81) Benzo(a)anthracene	14.216	228	1038407	48.352	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	208848	35.091	ng	98
83) Chrysene	14.257	228	976716	47.554	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	606287	53.856	ng	100
85) Di-n-octyl phthalate	14.815	149	880249	57.880	ng	100
87) Indeno(1,2,3-cd)pyrene	17.421	276	1026147	53.703	ng	99
88) Benzo(b)fluoranthene	15.321	252	825805	47.955	ng	99
89) Benzo(k)fluoranthene	15.351	252	820959	48.527	ng	99
90) Benzo(a)pyrene	15.721	252	757627	51.523	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	843322	53.418	ng	98
92) Benzo(g,h,i)perylene	17.915	276	811915	48.956	ng	99

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



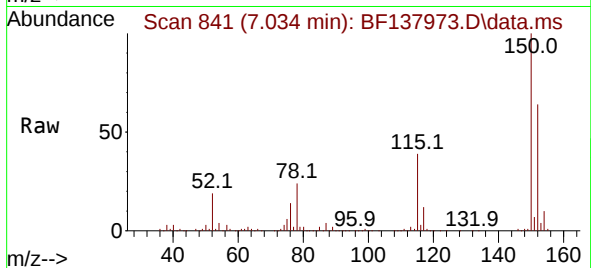
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

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PB160974BS

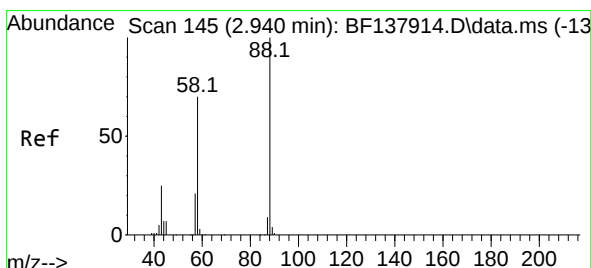
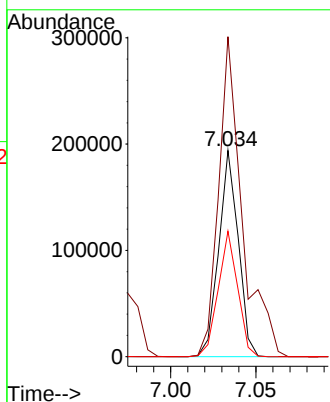
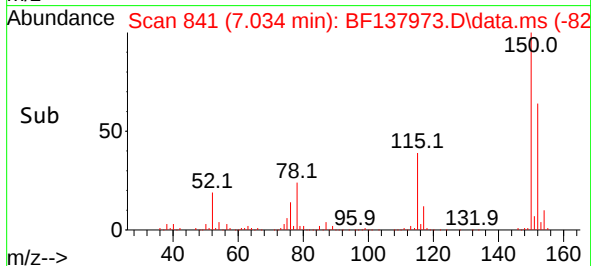


Tgt Ion:152 Resp: 154370
Ion Ratio Lower Upper
152 100
150 155.2 125.7 188.5
115 60.9 47.0 70.6

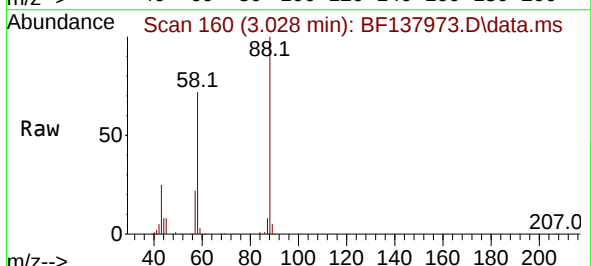
Manual Integrations

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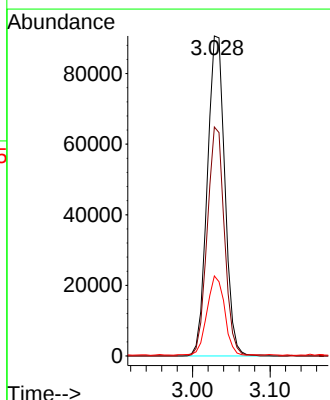
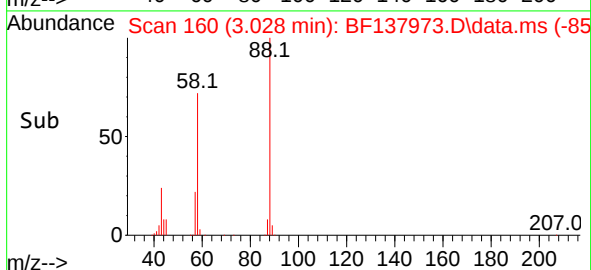
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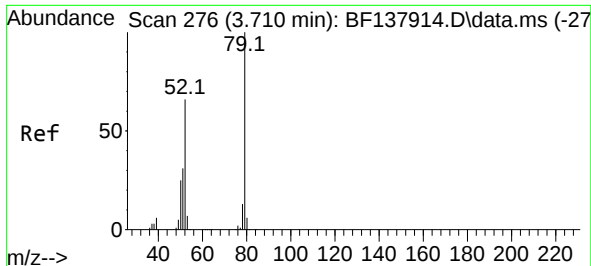


#2
1,4-Dioxane
Concen: 36.175 ng
RT: 3.028 min Scan# 160
Delta R.T. 0.088 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion: 88 Resp: 142418
Ion Ratio Lower Upper
88 100
58 70.1 54.4 81.6
43 24.8 19.6 29.4





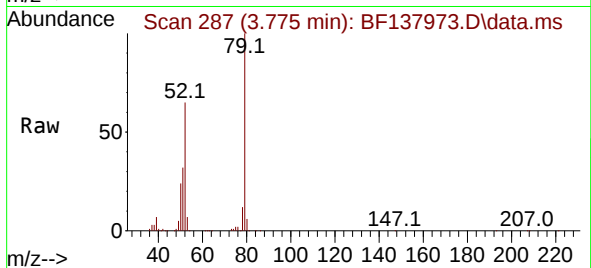
#3
Pyridine
Concen: 38.988 ng
RT: 3.775 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

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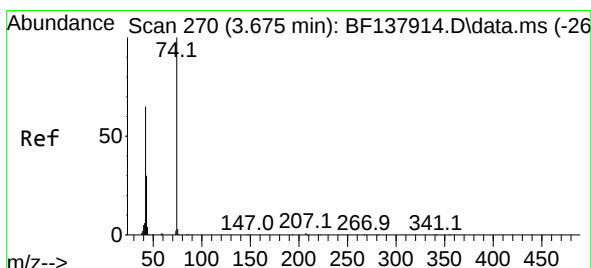
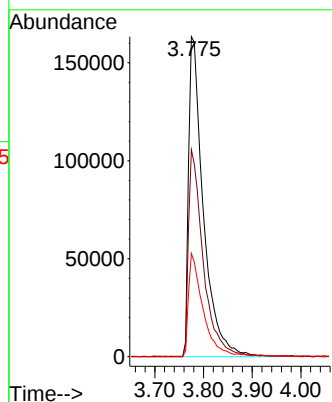
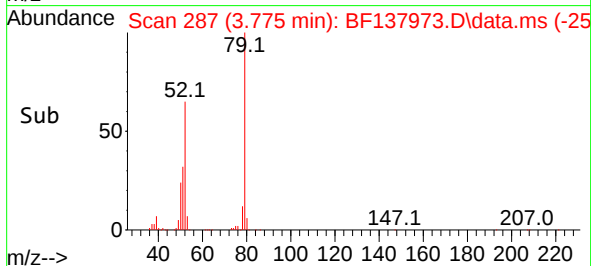


Tgt Ion: 79 Resp: 344409
Ion Ratio Lower Upper
79 100
52 64.7 52.5 78.7
51 32.3 25.1 37.7

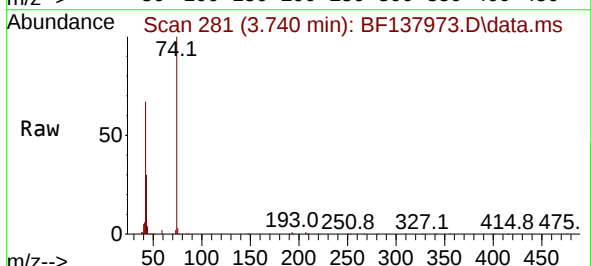
Manual Integrations

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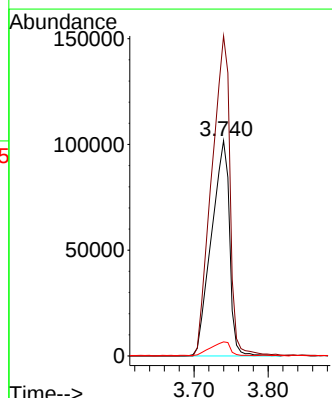
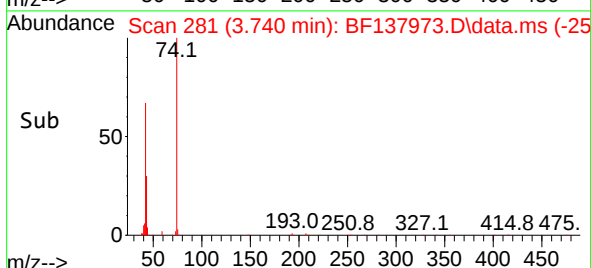
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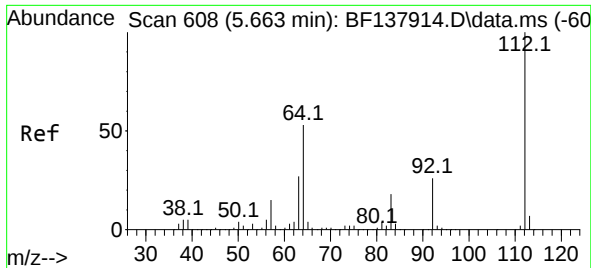


#4
n-Nitrosodimethylamine
Concen: 44.228 ng
RT: 3.740 min Scan# 281
Delta R.T. 0.065 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion: 42 Resp: 172355
Ion Ratio Lower Upper
42 100
74 148.7 123.1 184.7
44 6.5 5.0 7.6





#5
2-Fluorophenol
Concen: 124.657 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

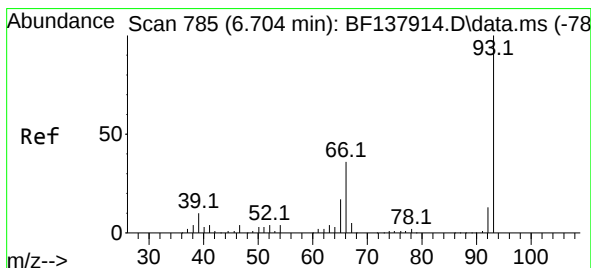
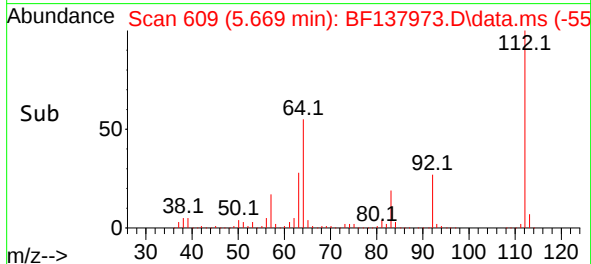
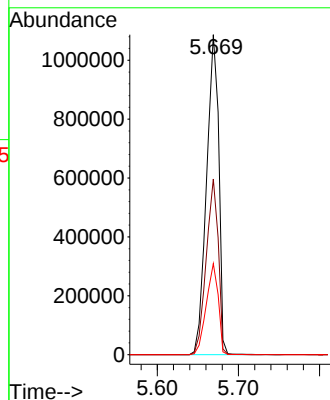
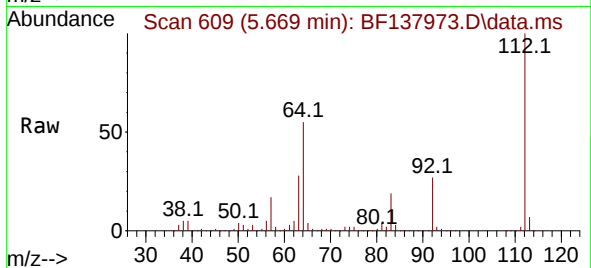
PB160974BS

Tgt Ion:112 Resp: 113286
Ion Ratio Lower Upper
112 100
64 54.9 42.4 63.6
63 28.5 21.4 32.2

Manual Integrations

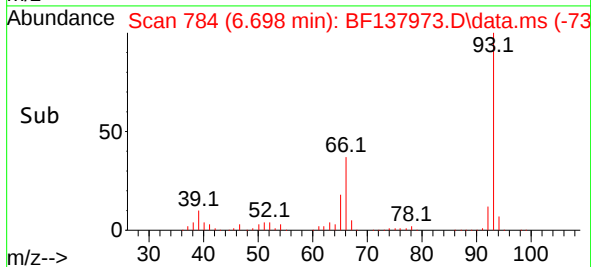
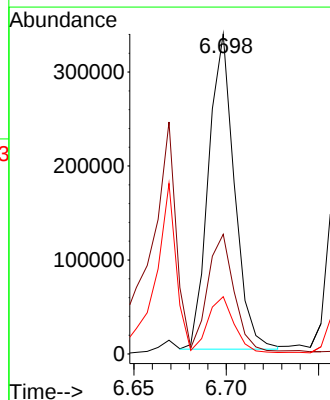
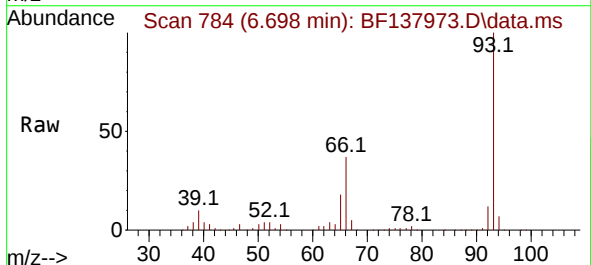
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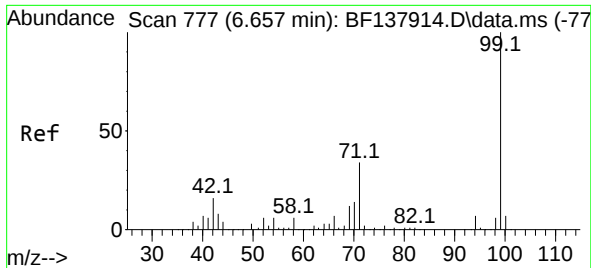
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#6
Aniline
Concen: 32.759 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

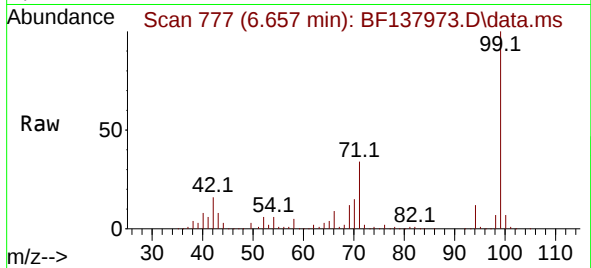
Tgt Ion: 93 Resp: 328015
Ion Ratio Lower Upper
93 100
66 37.4 30.7 46.1
65 17.9 15.0 22.4





#7
Phenol-d6
Concen: 124.322 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

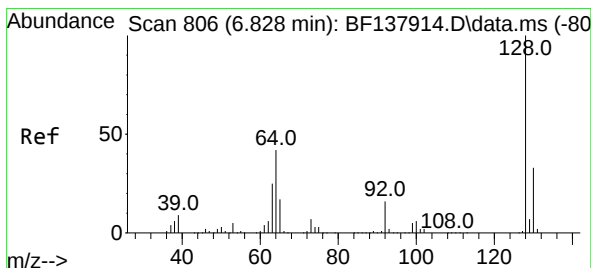
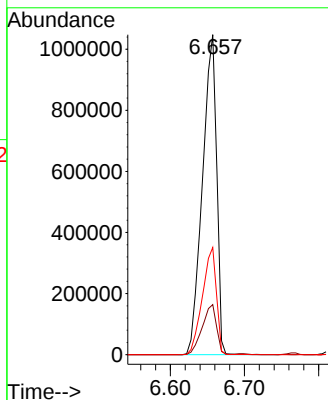
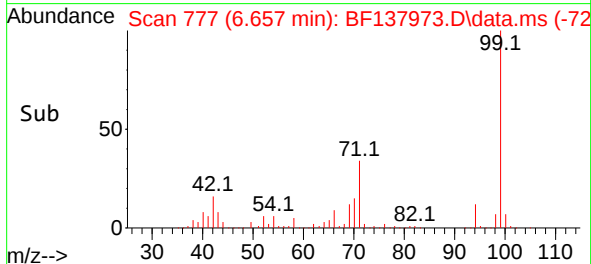
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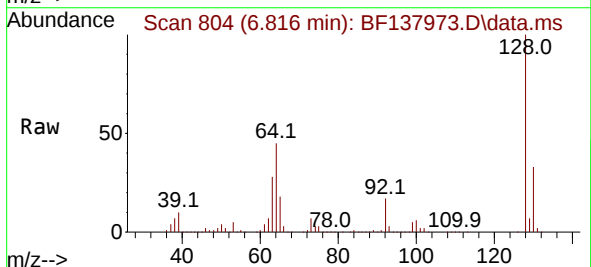
Tgt Ion: 99 Resp: 1391759
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.5 27.1 40.7

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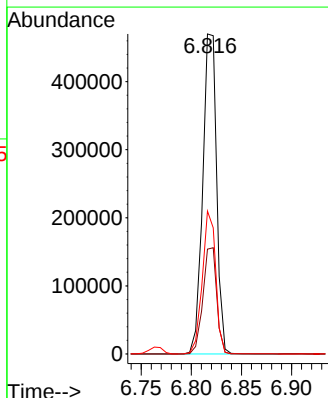
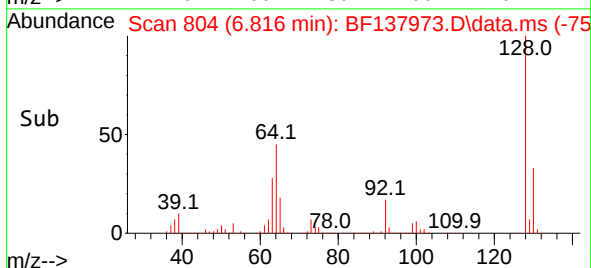
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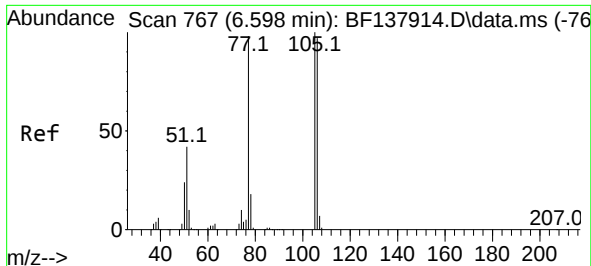


#8
2-Chlorophenol
Concen: 46.369 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:128 Resp: 456031
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 44.7 22.2 62.2





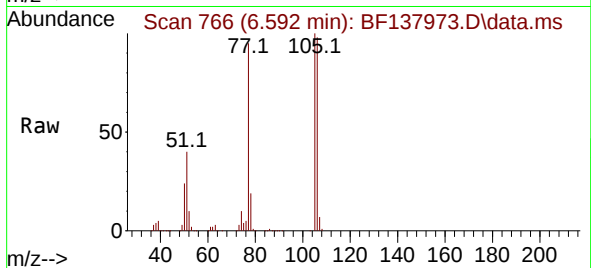
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Benzaldehyde
Concen: 61.806 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

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PB160974BS

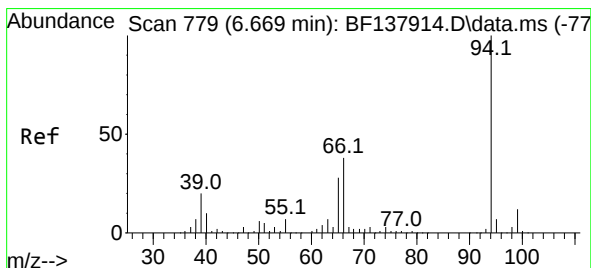
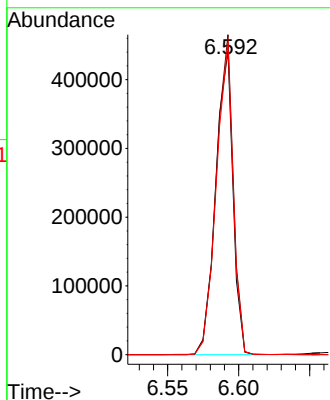
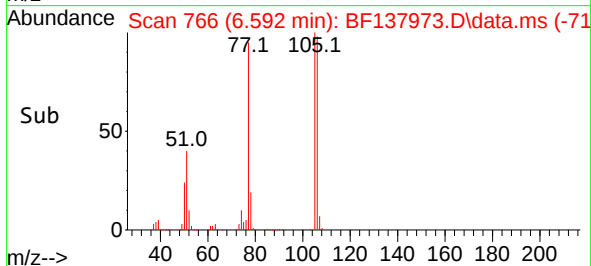


Tgt Ion: 77 Resp: 37433
Ion Ratio Lower Upper
77 100
105 105.5 82.3 122.3
106 102.9 79.2 119.2

Manual Integrations

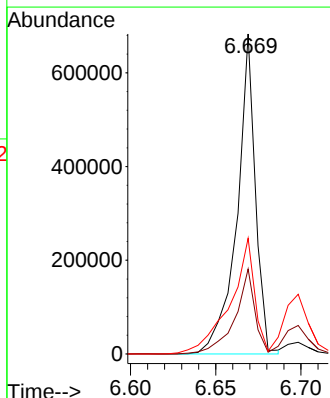
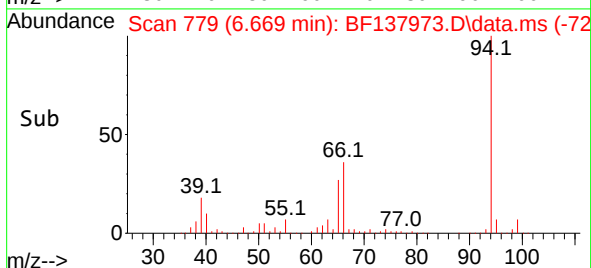
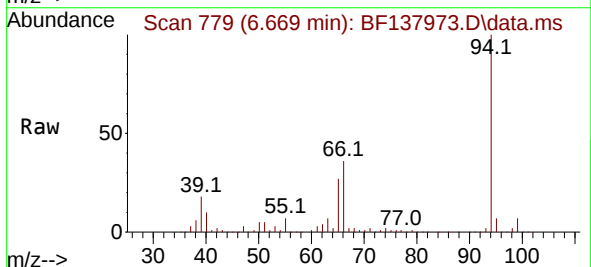
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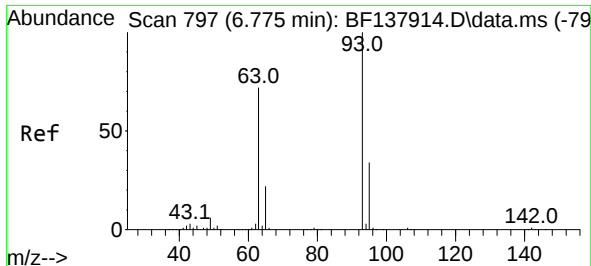
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#10
Phenol
Concen: 45.422 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 94 Resp: 513251
Ion Ratio Lower Upper
94 100
65 26.6 7.8 47.8
66 36.1 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 46.458 ng

RT: 6.769 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

Tgt Ion: 93 Resp: 403062

Ion Ratio Lower Upper

93 100

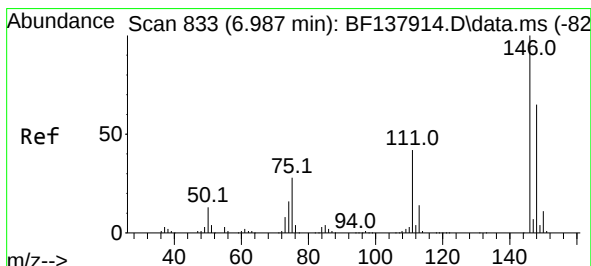
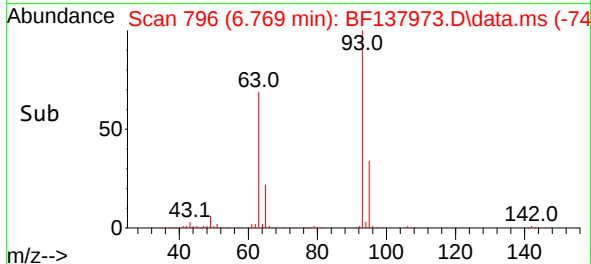
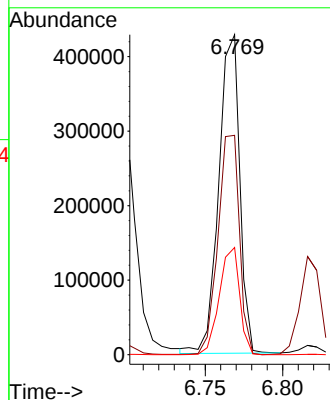
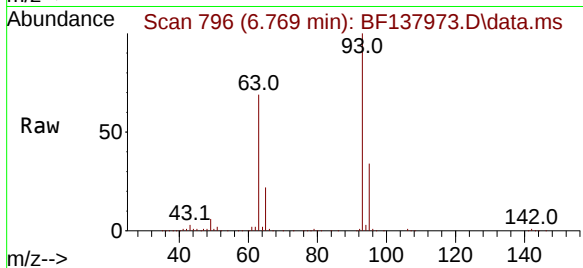
63 68.6 51.4 91.4

95 33.5 13.5 53.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#12

1,3-Dichlorobenzene

Concen: 42.328 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.012 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

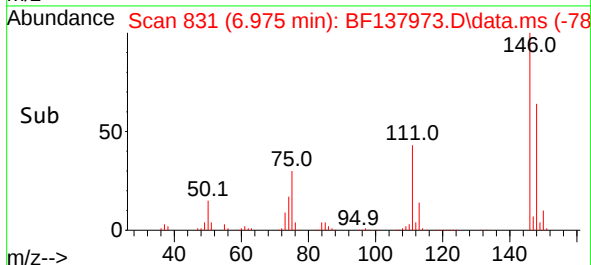
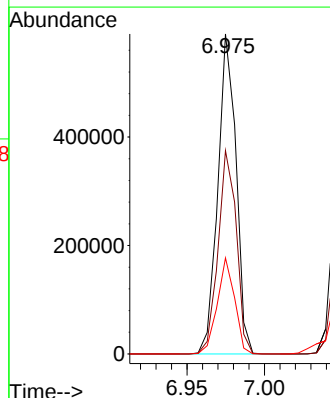
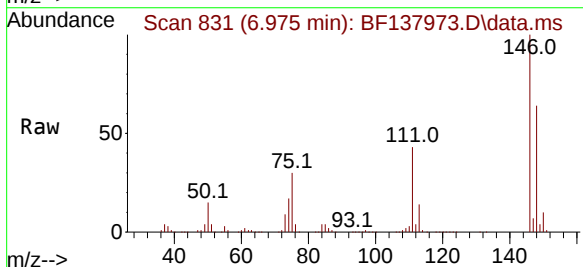
Tgt Ion:146 Resp: 481649

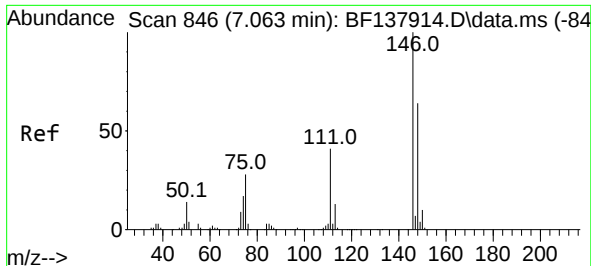
Ion Ratio Lower Upper

146 100

148 63.6 51.7 77.5

75 30.0 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 42.865 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

Tgt Ion:146 Resp: 48958

Ion Ratio Lower Upper

146 100

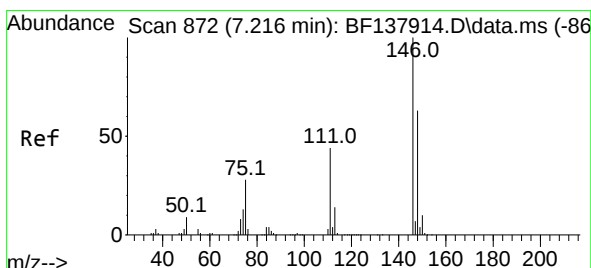
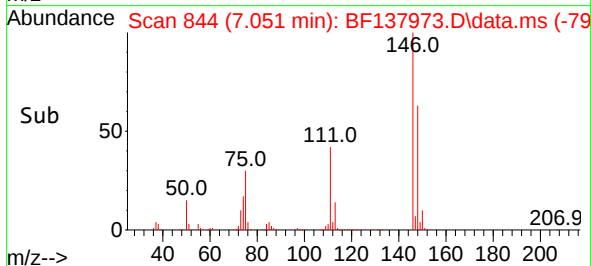
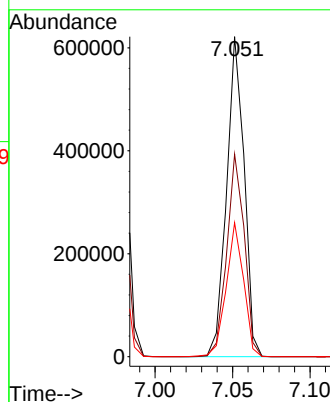
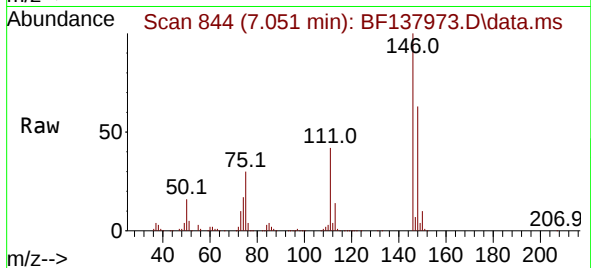
148 63.3 51.0 76.6

111 41.9 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#14

1,2-Dichlorobenzene

Concen: 43.663 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

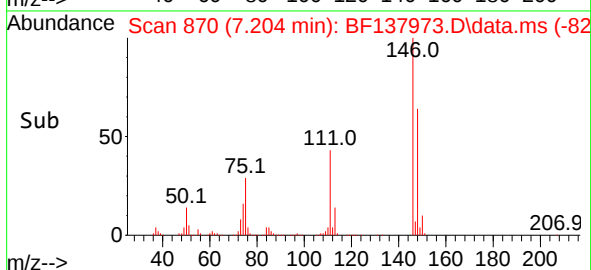
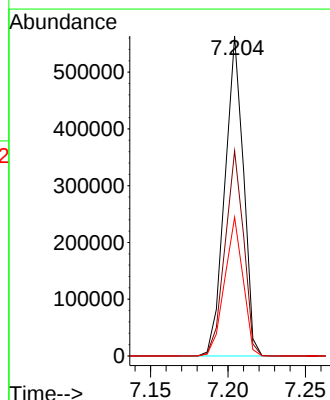
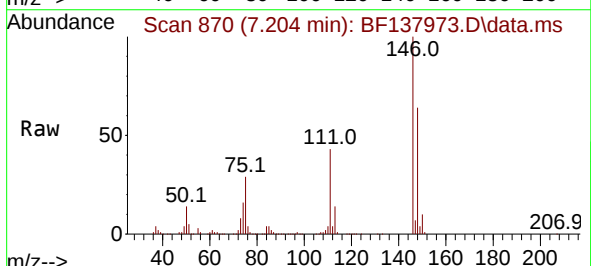
Tgt Ion:146 Resp: 469369

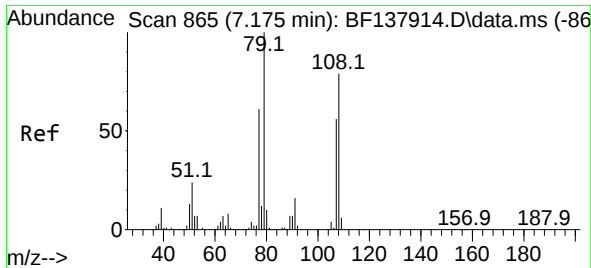
Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.4

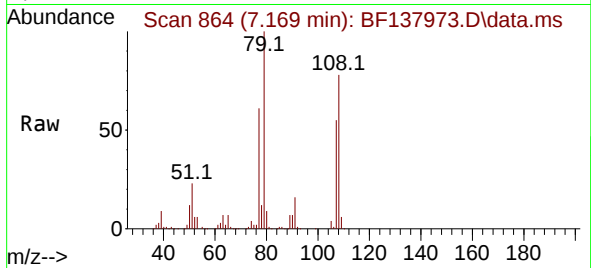
111 43.4 35.1 52.7





#15
Benzyl Alcohol
Concen: 50.018 ng
RT: 7.169 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

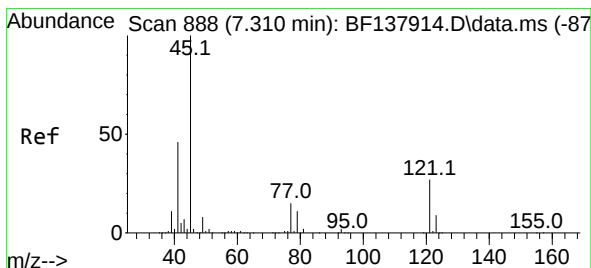
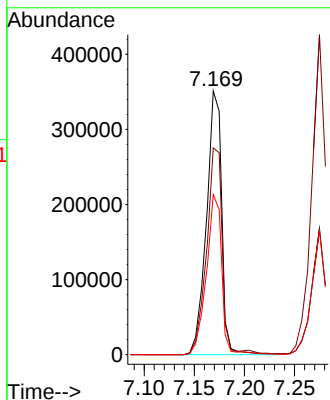
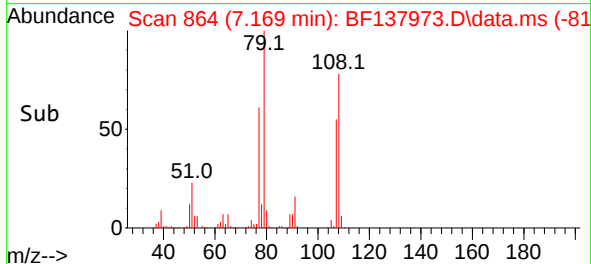
Instrument :
BNA_F
ClientSampleId :
PB160974BS



Tgt Ion: 79 Resp: 373902
Ion Ratio Lower Upper
79 100
108 78.4 62.8 94.2
77 60.6 48.7 73.1

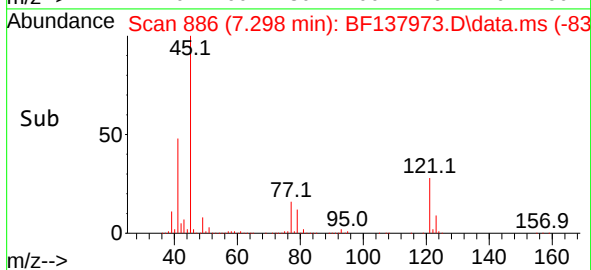
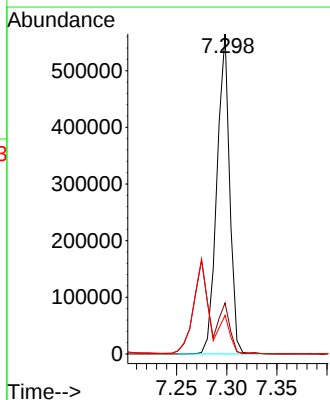
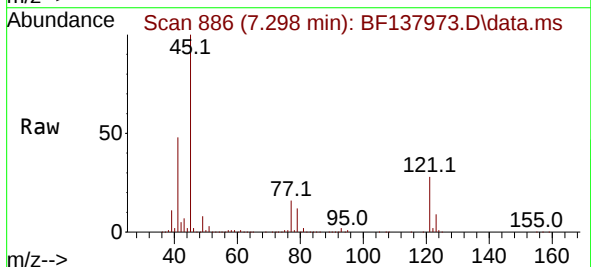
Manual Integrations
APPROVED

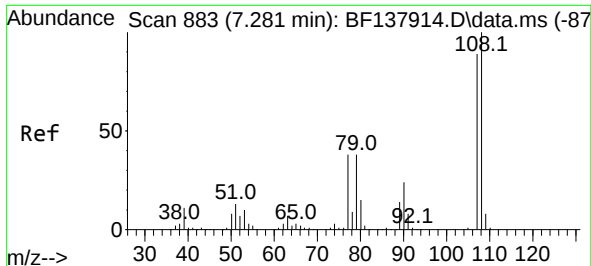
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.637 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 45 Resp: 497366
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.3
79 12.1 0.0 32.1





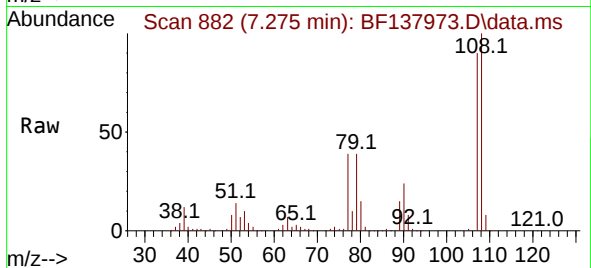
#17
2-Methylphenol
Concen: 45.702 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

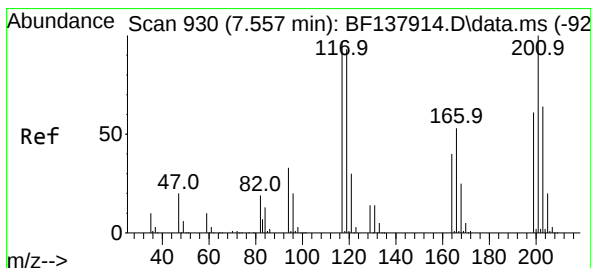
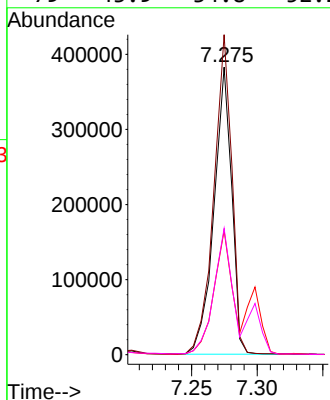
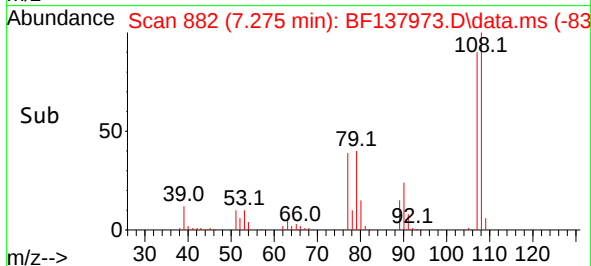


Tgt Ion:107 Resp: 35845
Ion Ratio Lower Upper
107 100
108 111.3 90.1 135.1
77 43.2 34.3 51.5
79 43.9 34.8 52.2

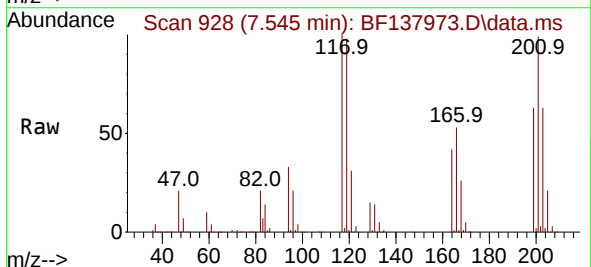
Manual Integrations

APPROVED

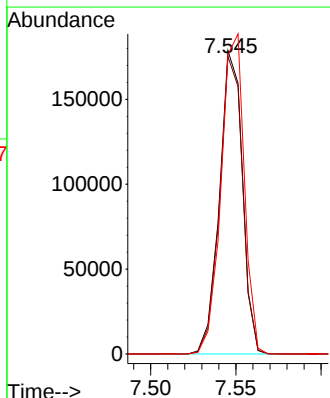
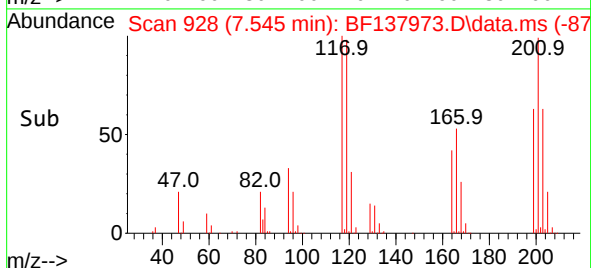
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

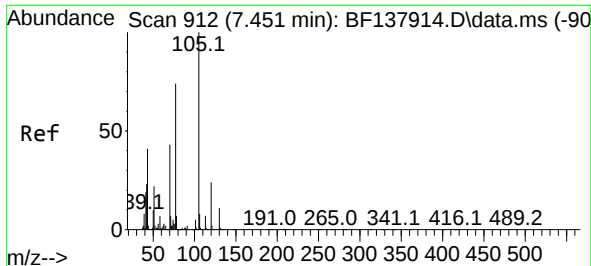


#18
Hexachloroethane
Concen: 43.252 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:117 Resp: 167171
Ion Ratio Lower Upper
117 100
119 98.0 76.8 115.2
201 98.6 82.7 124.1





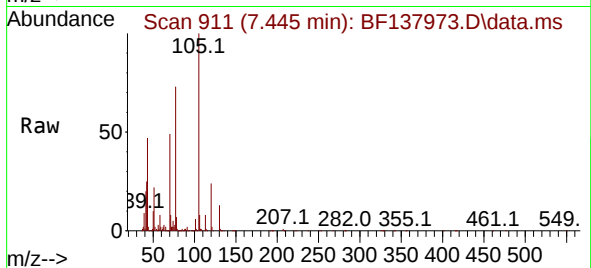
#19
n-Nitroso-di-n-propylamine
Concen: 46.322 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

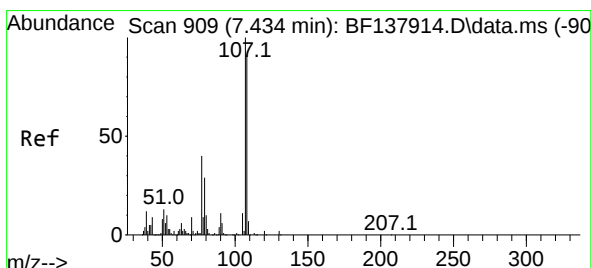
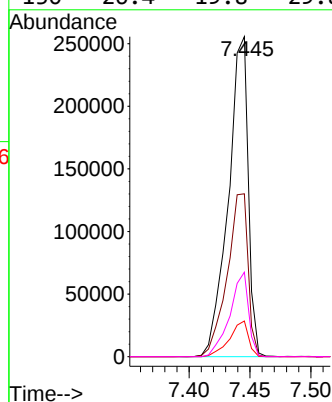
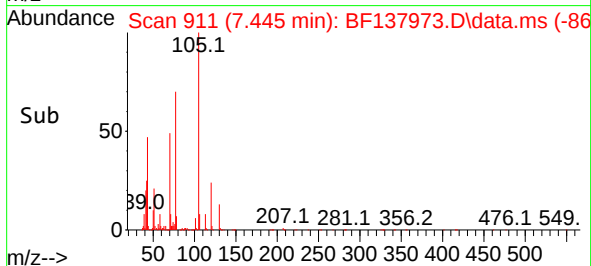


Tgt Ion: 70 Resp: 291340
Ion Ratio Lower Upper
70 100
42 50.9 42.2 63.4
101 11.1 8.8 13.2
130 26.4 19.8 29.8

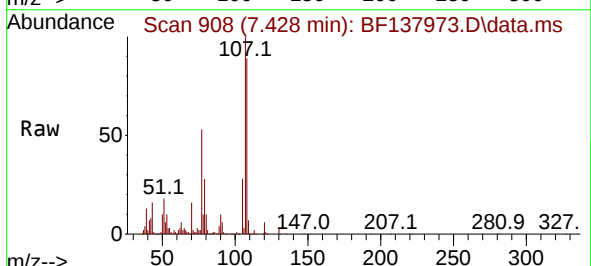
Manual Integrations

APPROVED

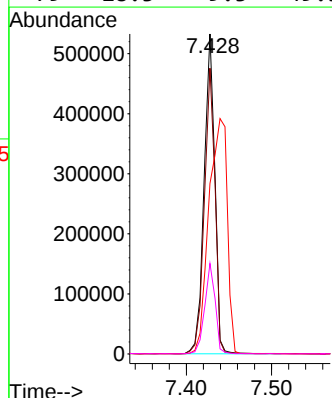
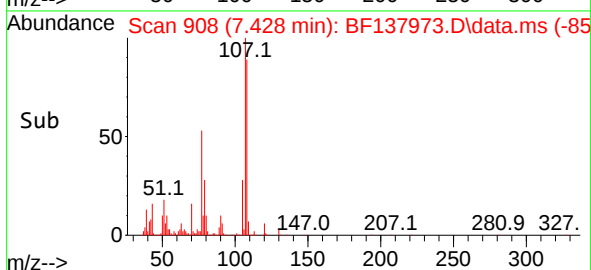
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

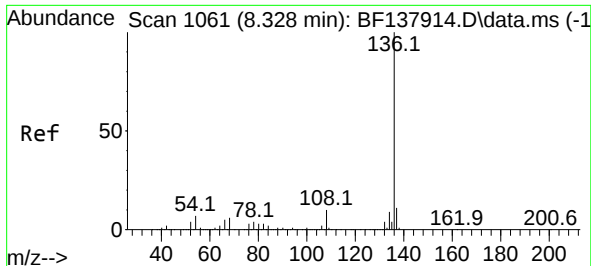


#20
3+4-Methylphenols
Concen: 45.051 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:107 Resp: 462898
Ion Ratio Lower Upper
107 100
108 89.3 70.8 110.8
77 53.2 20.2 60.2
79 28.3 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

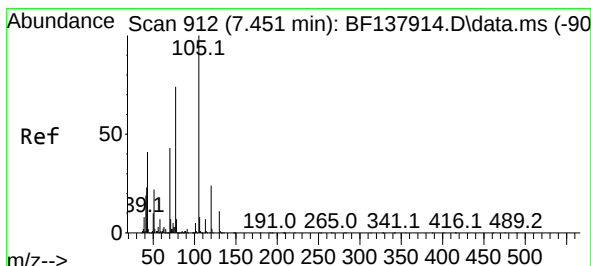
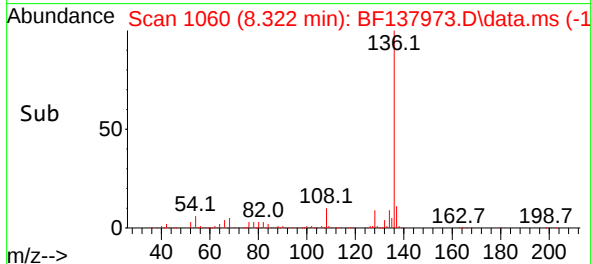
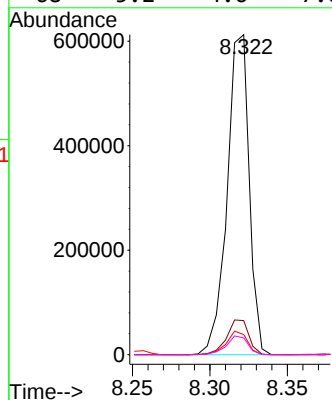
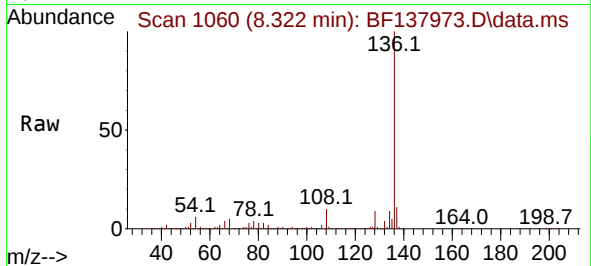
PB160974BS

Tgt Ion:136 Resp: 60652
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.3 5.4 8.2
68 5.2 4.6 7.0

Manual Integrations

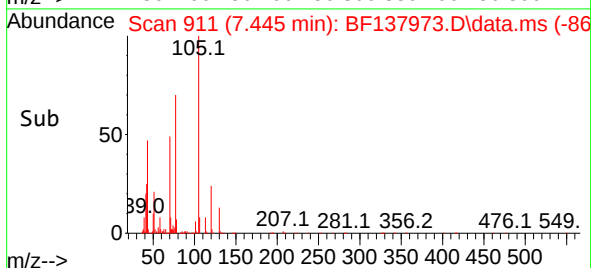
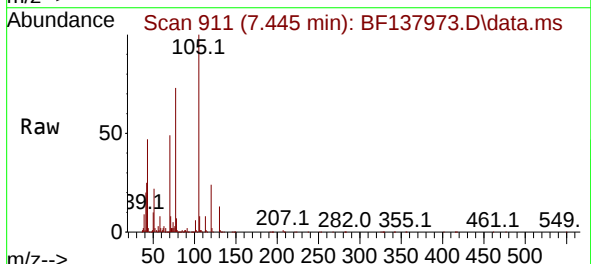
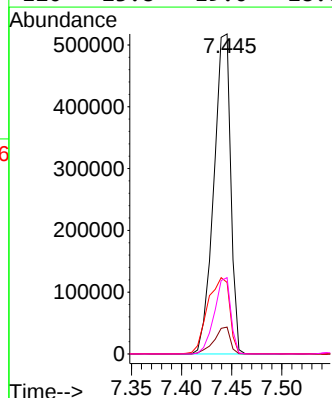
APPROVED

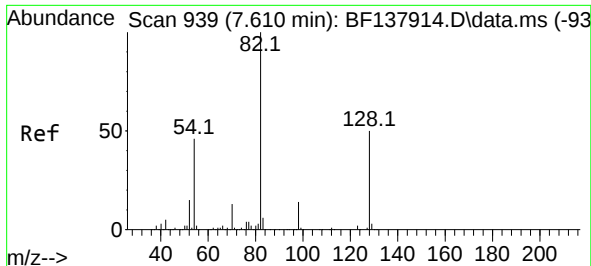
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#22
Acetophenone
Concen: 44.638 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

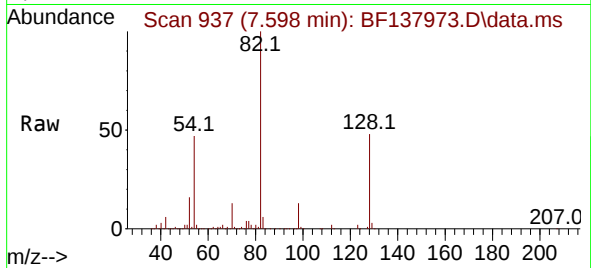
Tgt Ion:105 Resp: 606505
Ion Ratio Lower Upper
105 100
71 8.4 5.7 8.5
51 22.3 17.8 26.8
120 23.8 19.0 28.6





#23
Nitrobenzene-d5
Concen: 83.367 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

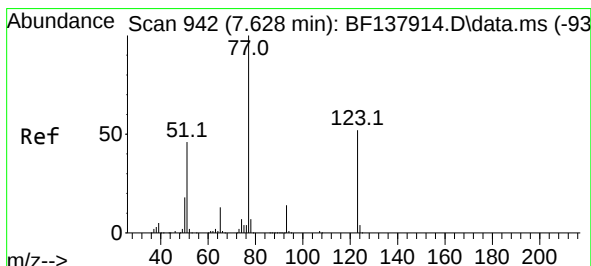
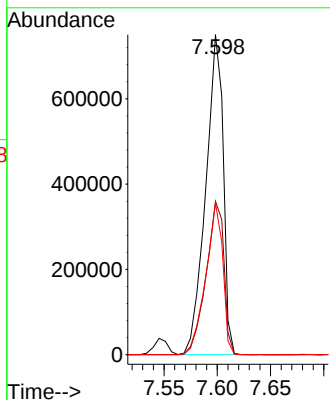
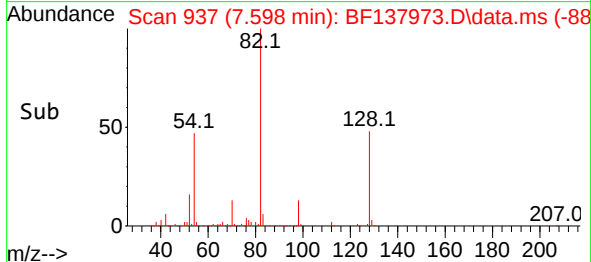
Instrument :
BNA_F
ClientSampleId :
PB160974BS



Tgt Ion: 82 Resp: 859190
Ion Ratio Lower Upper
82 100
128 48.0 40.3 60.5
54 47.3 36.8 55.2

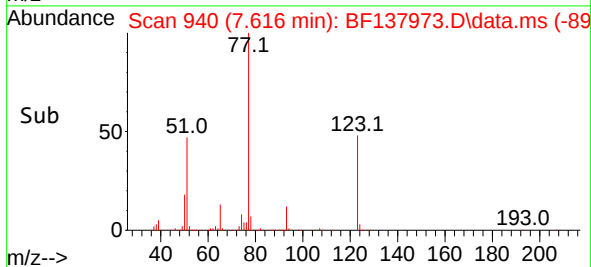
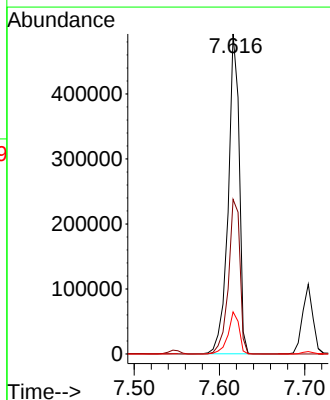
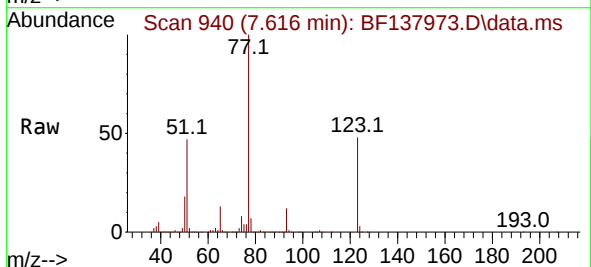
Manual Integrations
APPROVED

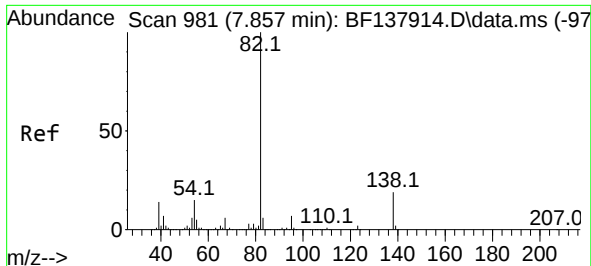
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#24
Nitrobenzene
Concen: 42.384 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

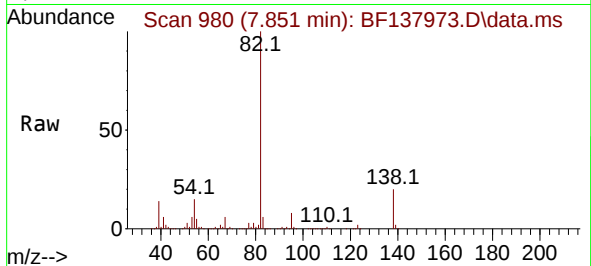
Tgt Ion: 77 Resp: 443135
Ion Ratio Lower Upper
77 100
123 48.3 41.4 62.2
65 13.2 10.5 15.7





#25
Isophorone
Concen: 45.770 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

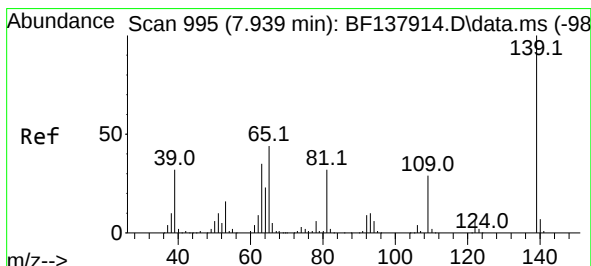
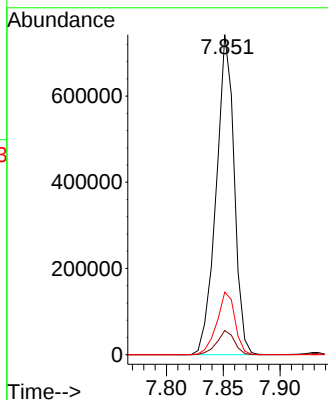
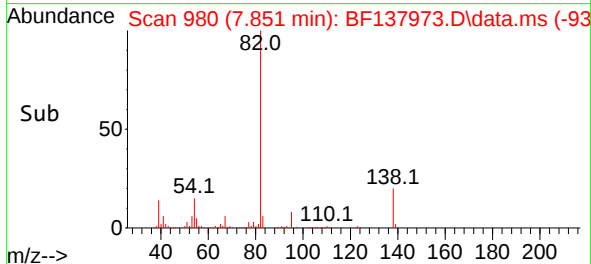
Instrument :
BNA_F
ClientSampleId :
PB160974BS



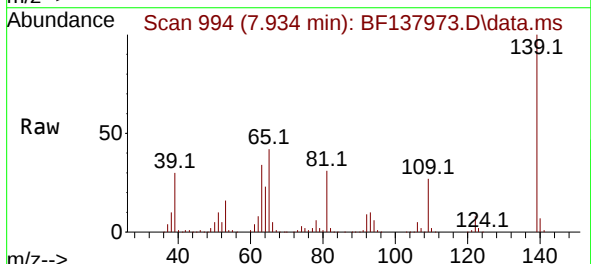
Tgt Ion: 82 Resp: 81869
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.5 15.0 22.4

Manual Integrations
APPROVED

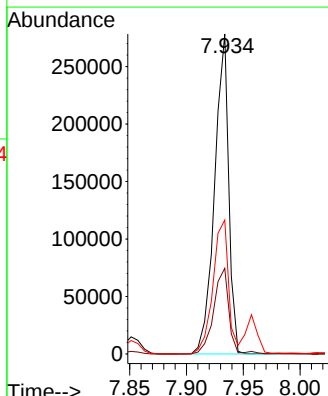
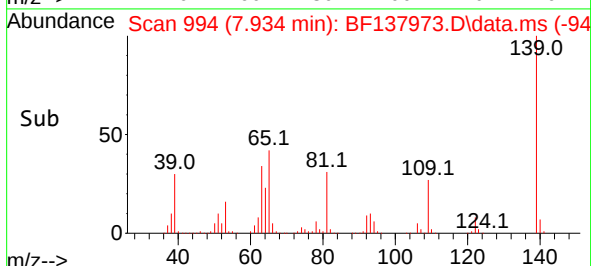
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

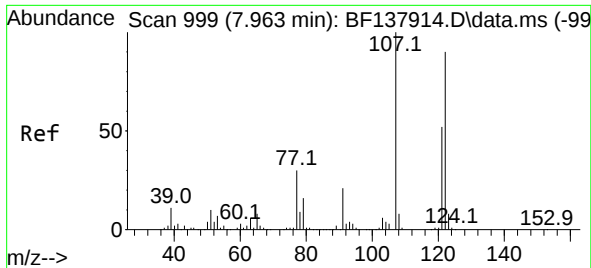


#26
2-Nitrophenol
Concen: 45.792 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



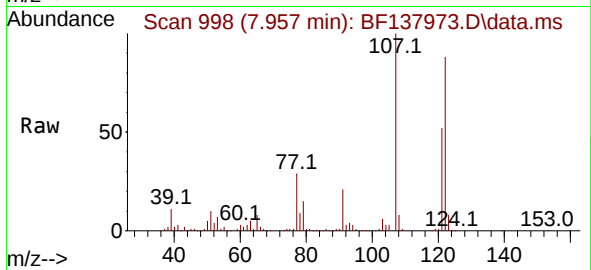
Tgt Ion:139 Resp: 240565
Ion Ratio Lower Upper
139 100
109 26.8 22.8 34.2
65 41.8 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 50.001 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

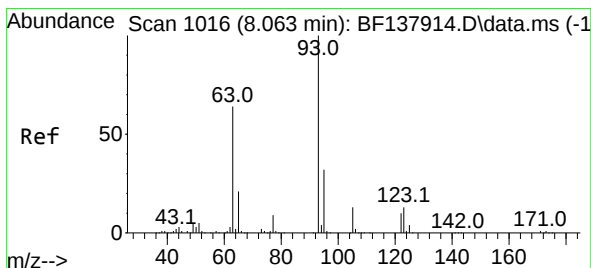
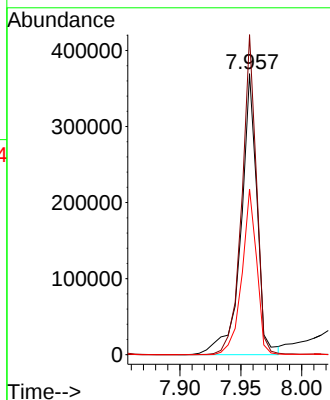
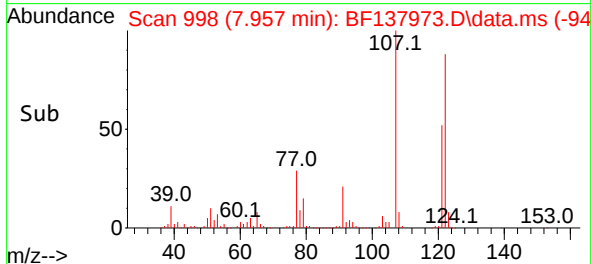
Instrument :
BNA_F
ClientSampleId :
PB160974BS



Tgt Ion:122 Resp: 33818
Ion Ratio Lower Upper
122 100
107 113.9 89.0 133.4
121 58.9 46.2 69.4

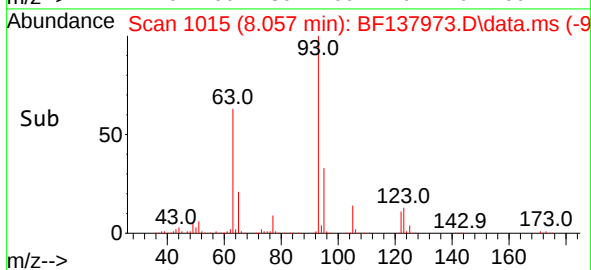
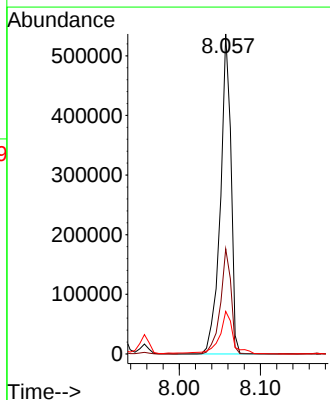
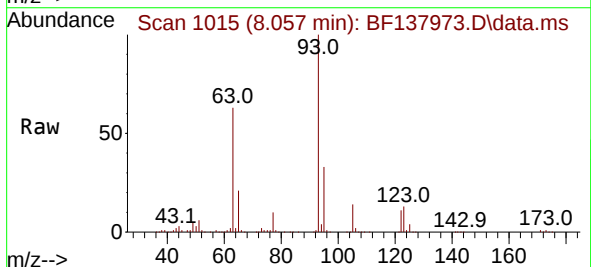
Manual Integrations
APPROVED

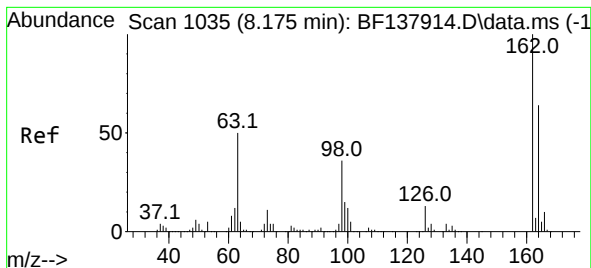
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.122 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 93 Resp: 489160
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 13.3 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 46.416 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

Tgt Ion:162 Resp: 394780

Ion Ratio Lower Upper

162 100

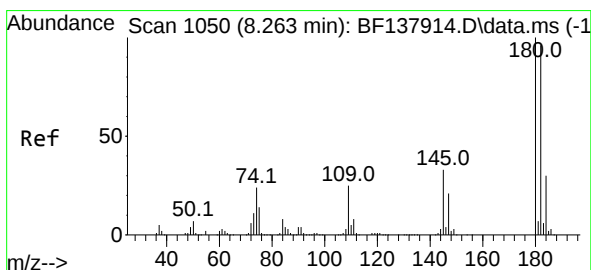
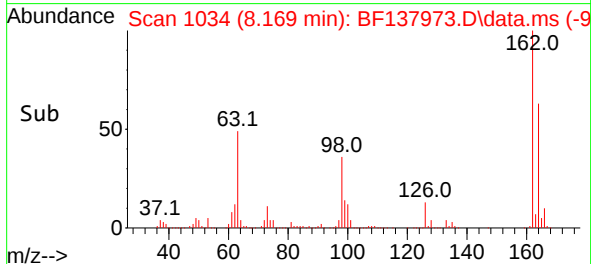
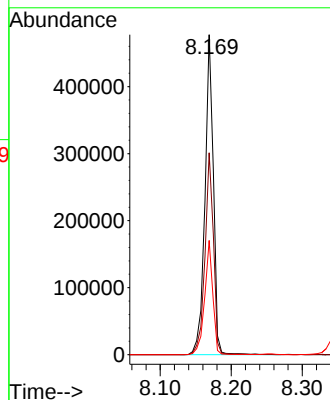
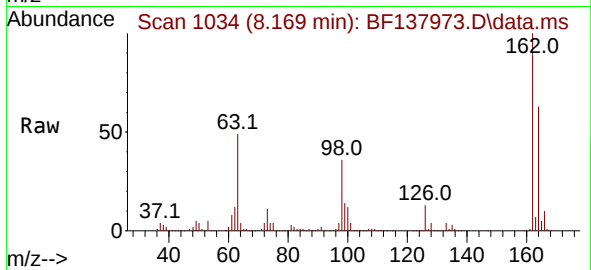
164 63.1 44.3 84.3

98 35.7 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.776 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

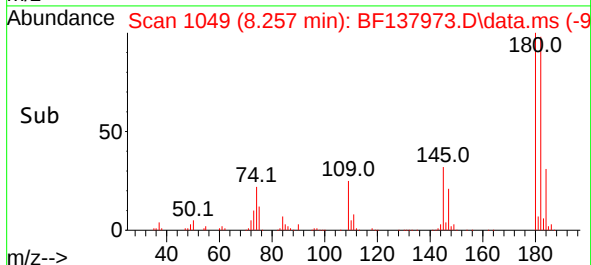
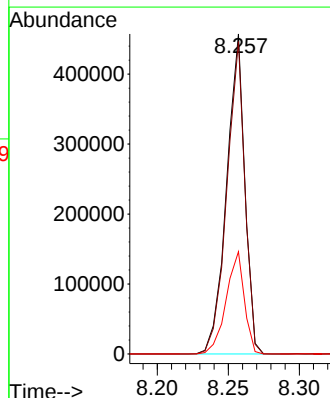
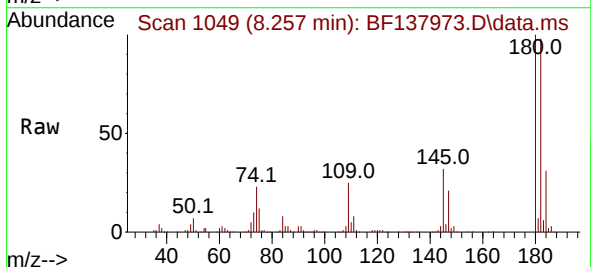
Tgt Ion:180 Resp: 406221

Ion Ratio Lower Upper

180 100

182 97.6 76.5 114.7

145 32.0 26.2 39.2





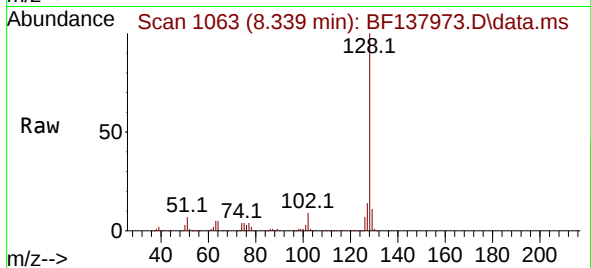
#31
Naphthalene
Concen: 43.525 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

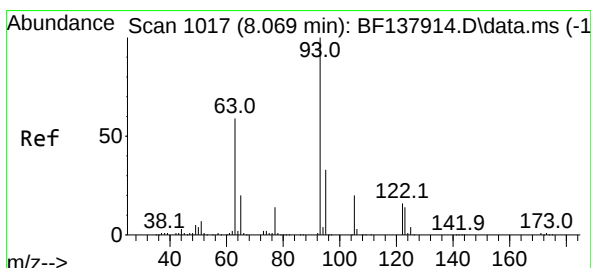
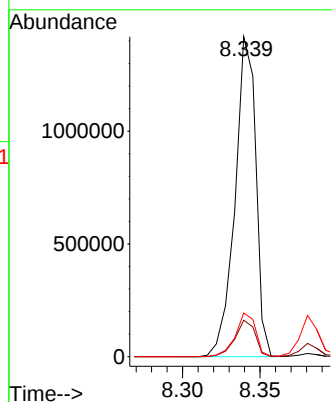
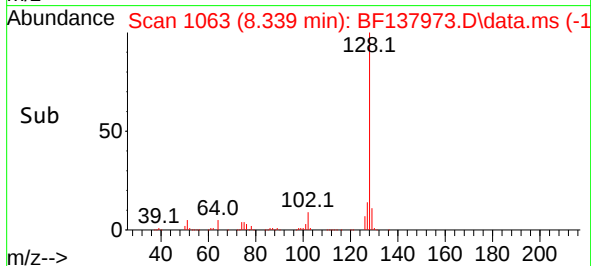


Tgt Ion:128 Resp: 1327340
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.6 16.0

Manual Integrations

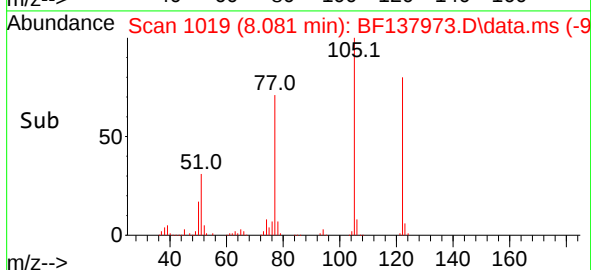
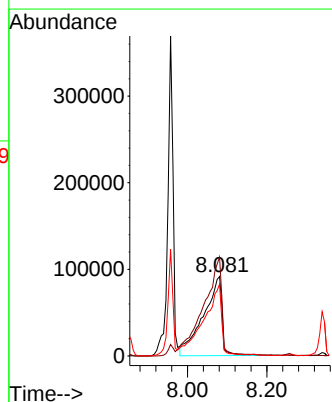
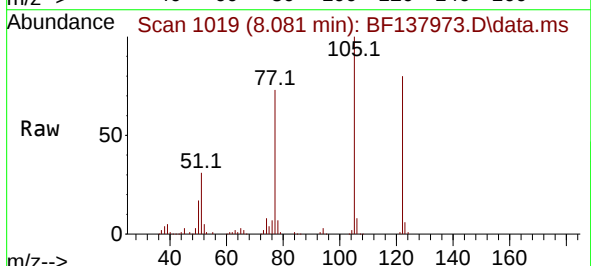
APPROVED

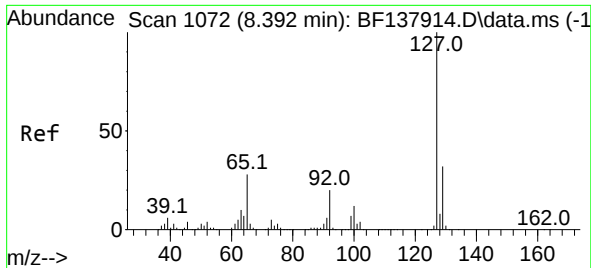
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#32
Benzoic acid
Concen: 52.448 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:122 Resp: 299871
Ion Ratio Lower Upper
122 100
105 124.7 103.8 143.8
77 90.5 68.4 108.4





#33
4-Chloroaniline
Concen: 16.497 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

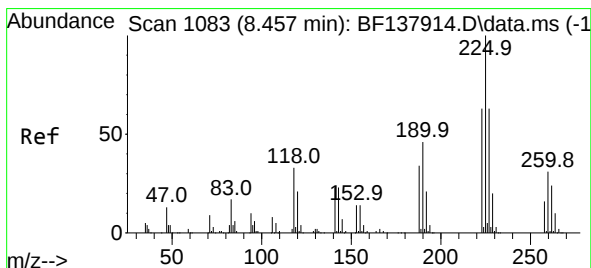
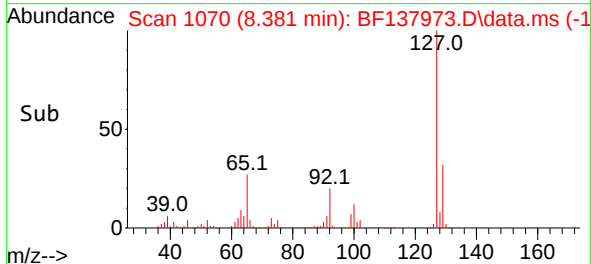
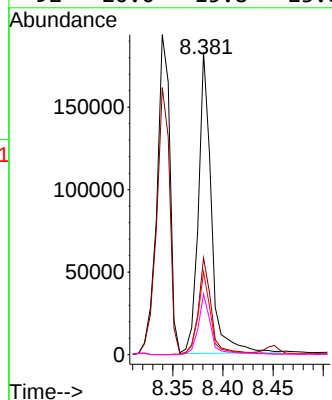
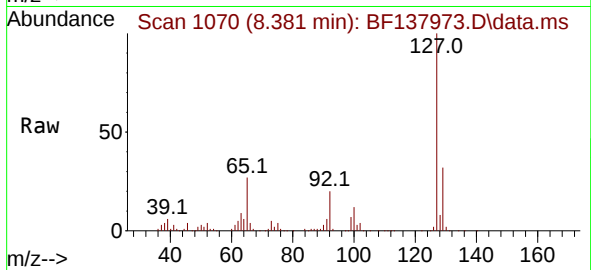
PB160974BS

Tgt Ion:127 Resp: 164925
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 27.5 22.0 33.0
92 20.0 15.8 23.8

Manual Integrations

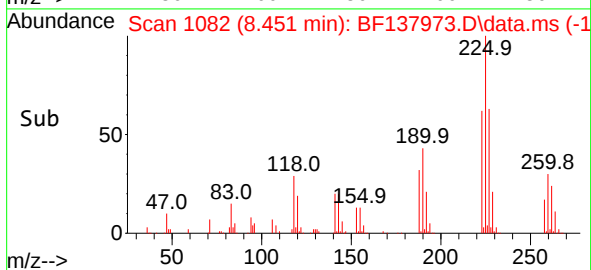
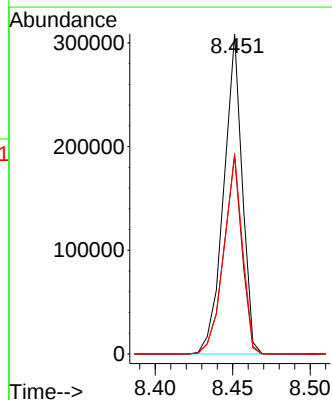
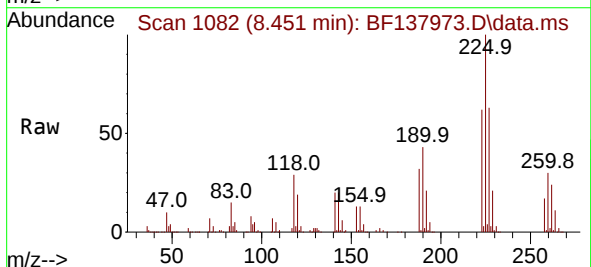
APPROVED

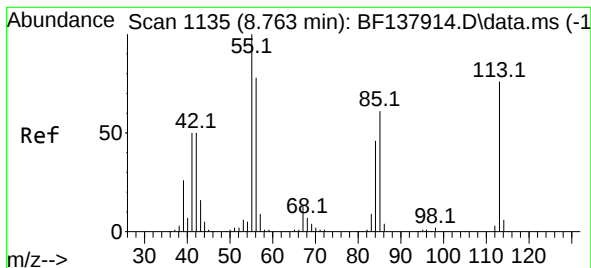
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#34
Hexachlorobutadiene
Concen: 42.429 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:225 Resp: 255032
Ion Ratio Lower Upper
225 100
223 61.8 50.0 75.0
227 62.7 50.2 75.4





#35

Caprolactam

Concen: 50.584 ng m

RT: 8.763 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

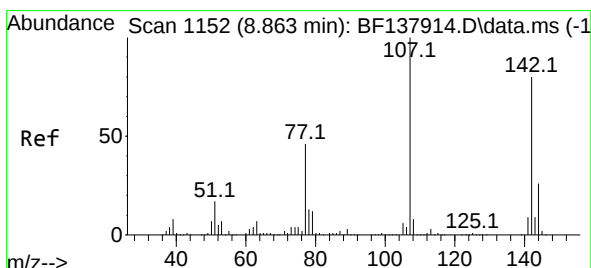
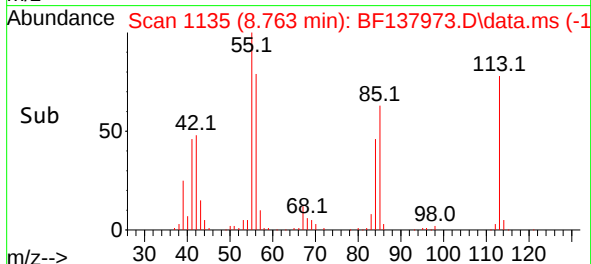
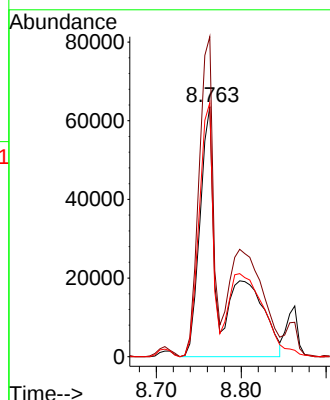
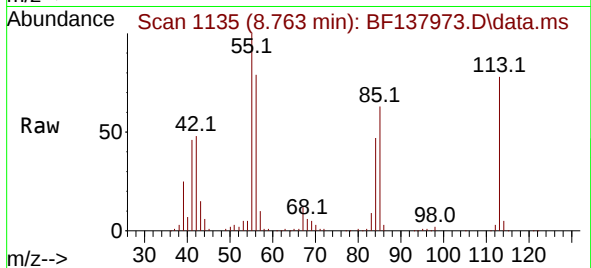
PB160974BS

Tgt Ion:	113	Resp:	124640
Ion Ratio	Lower	Upper	
113	100		
55	127.9	112.3	152.3
56	101.5	82.7	122.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#36

4-Chloro-3-methylphenol

Concen: 46.998 ng

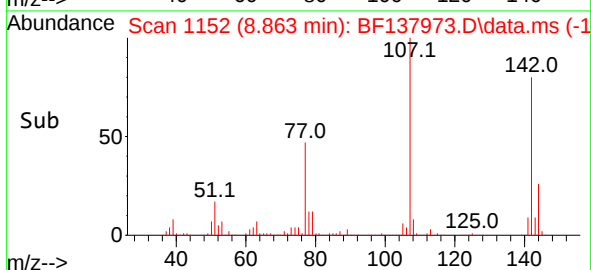
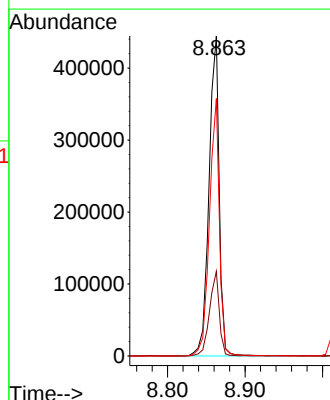
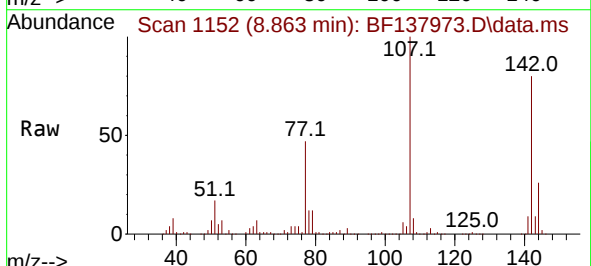
RT: 8.863 min Scan# 1152

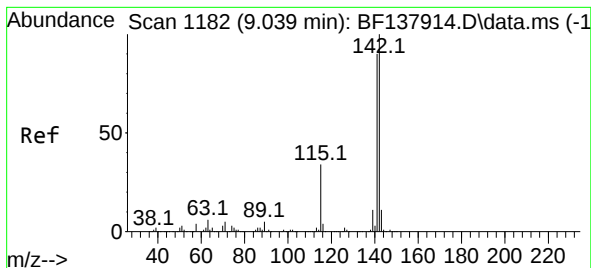
Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Tgt Ion:	107	Resp:	406634
Ion Ratio	Lower	Upper	
107	100		
144	26.5	20.7	31.1
142	80.5	64.0	96.0





#37
2-Methylnaphthalene
Concen: 44.858 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

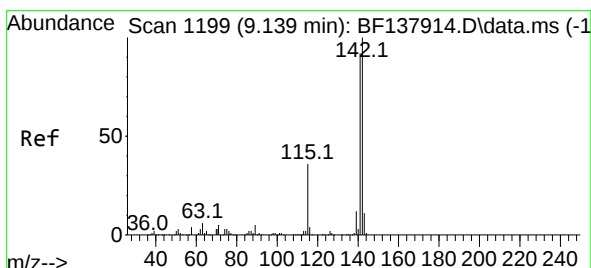
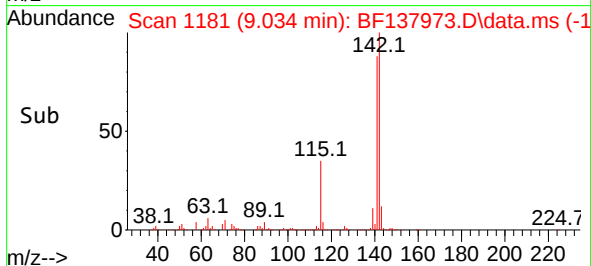
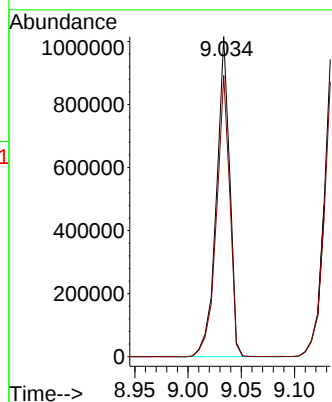
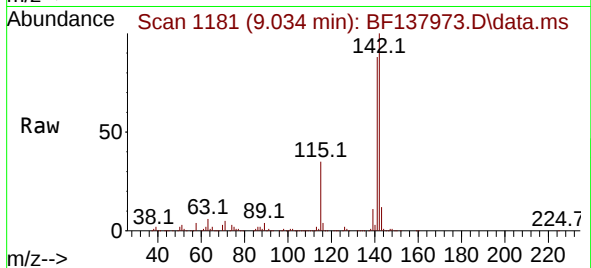
PB160974BS

Tgt Ion:142 Resp: 879352
Ion Ratio Lower Upper
142 100
141 87.9 72.0 108.0

Manual Integrations

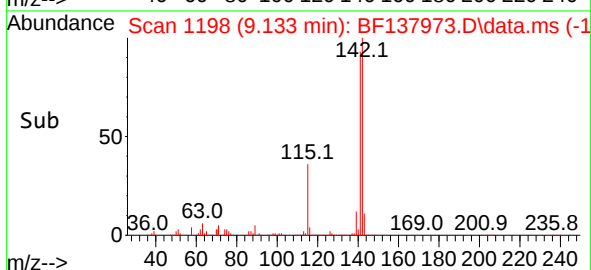
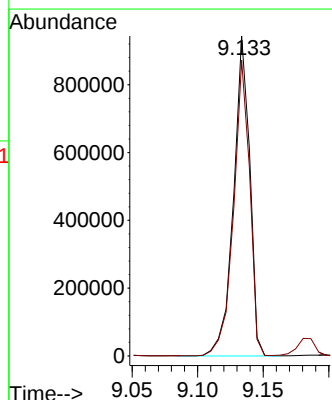
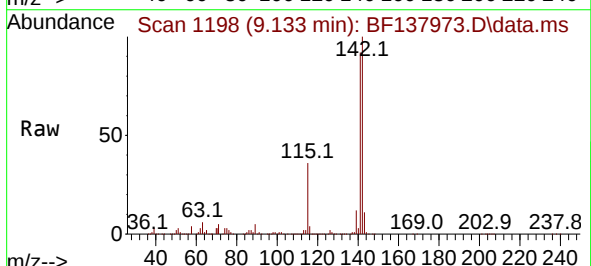
APPROVED

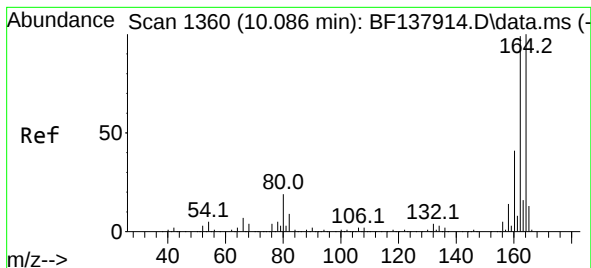
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#38
1-Methylnaphthalene
Concen: 42.155 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:142 Resp: 812387
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137973.D

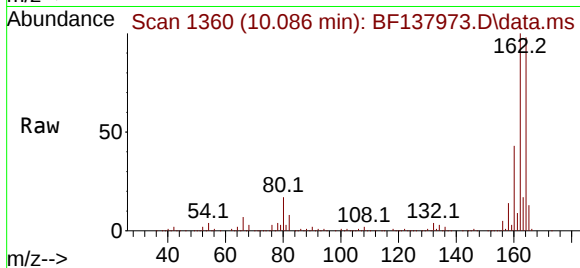
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS



Tgt Ion:164 Resp: 339468

Ion Ratio Lower Upper

164 100

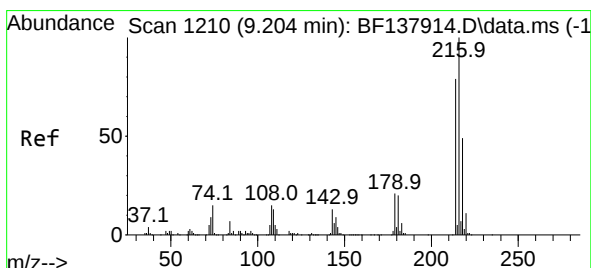
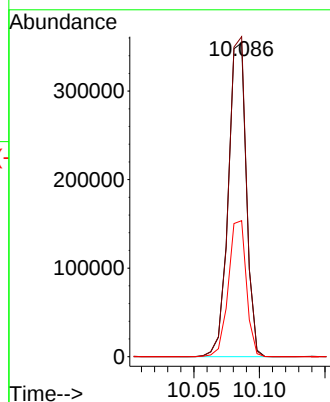
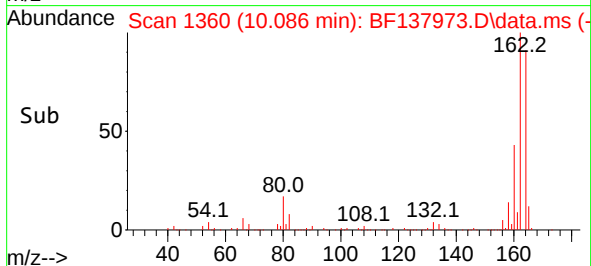
162 101.9 79.4 119.2

160 43.4 33.1 49.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.717 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Tgt Ion:216 Resp: 412684

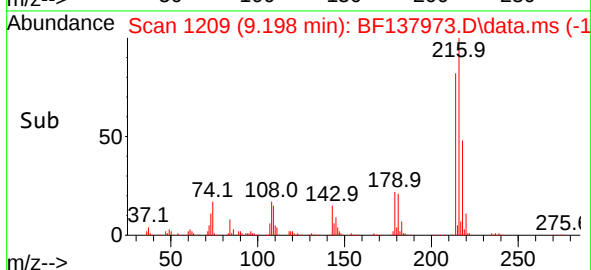
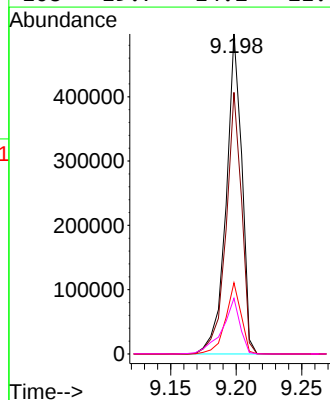
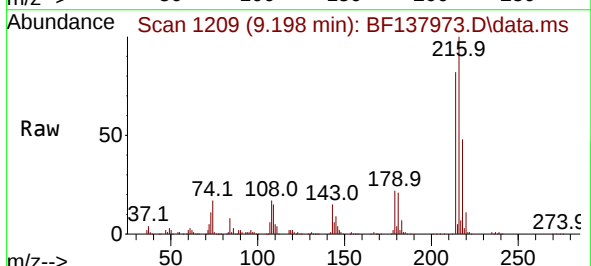
Ion Ratio Lower Upper

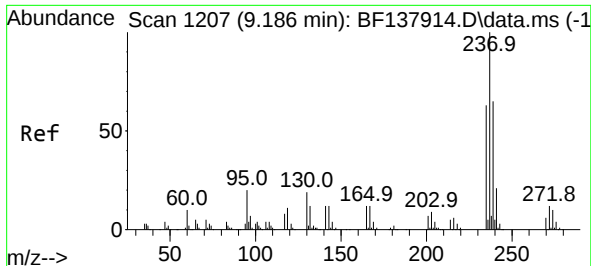
216 100

214 80.7 63.4 95.2

179 21.9 17.0 25.4

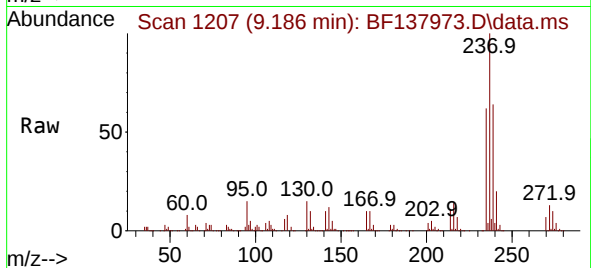
108 19.7 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 130.111 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

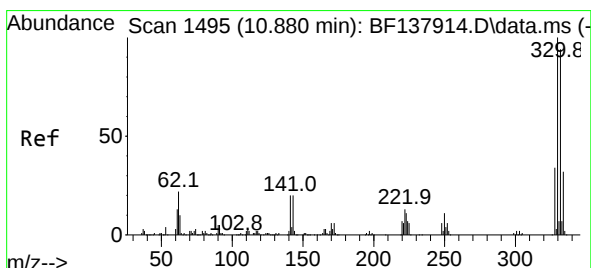
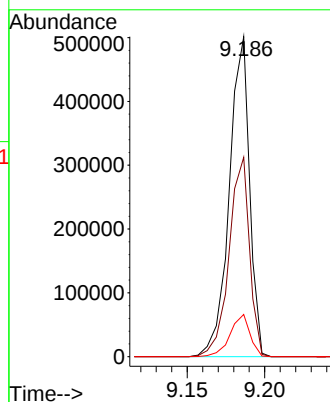
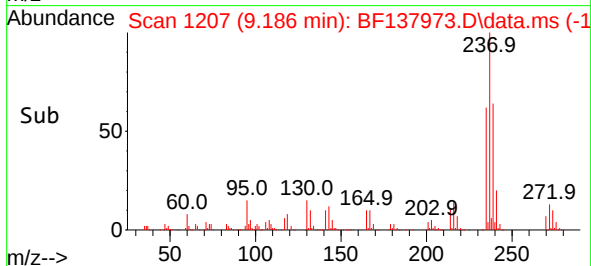
Instrument :
BNA_F
ClientSampleId :
PB160974BS



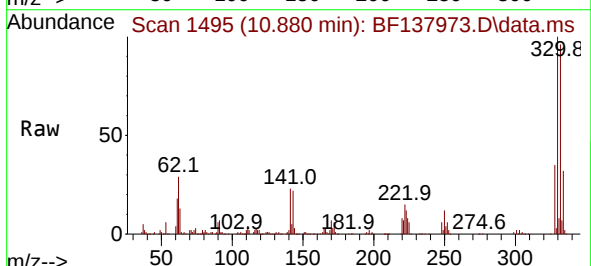
Tgt Ion:237 Resp: 456269
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.2 0.0 32.0

Manual Integrations
APPROVED

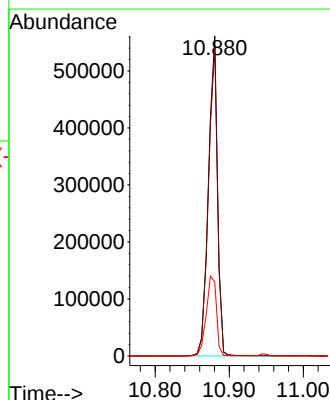
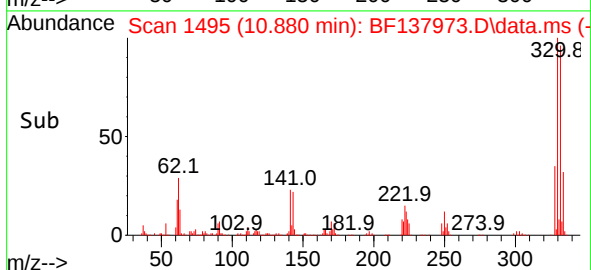
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

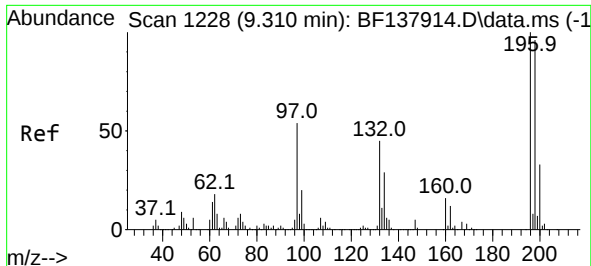


#42
2,4,6-Tribromophenol
Concen: 140.459 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:330 Resp: 480769
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 28.1 23.8 35.6





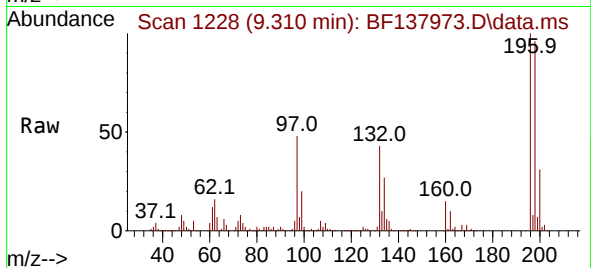
#43
2,4,6-Trichlorophenol
Concen: 48.364 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

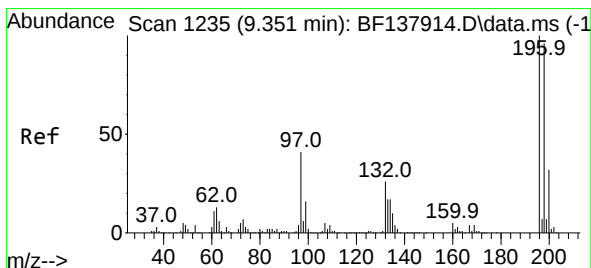
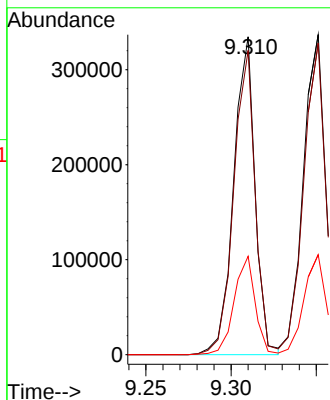
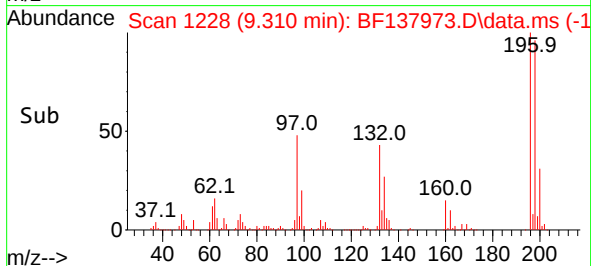


Tgt Ion:196 Resp: 29265
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.4
200 30.9 26.2 39.2

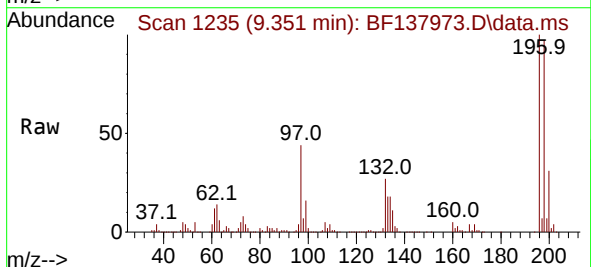
Manual Integrations

APPROVED

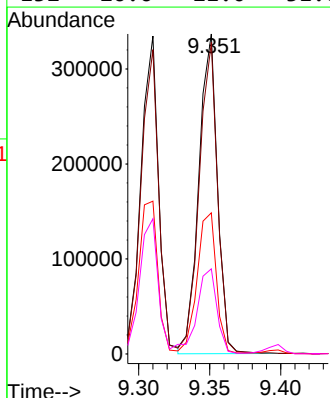
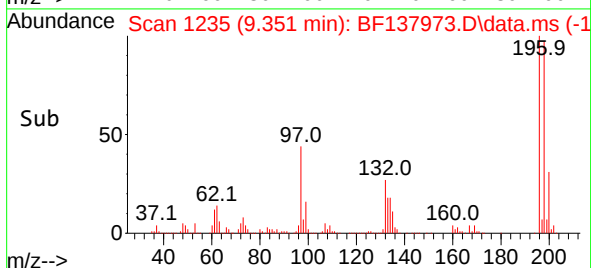
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

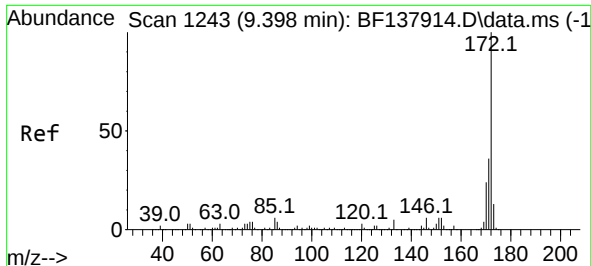


#44
2,4,5-Trichlorophenol
Concen: 46.441 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:196 Resp: 307485
Ion Ratio Lower Upper
196 100
198 97.4 77.4 116.0
97 44.1 32.9 49.3
132 26.6 21.0 31.6





#45
2-Fluorobiphenyl
Concen: 82.984 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

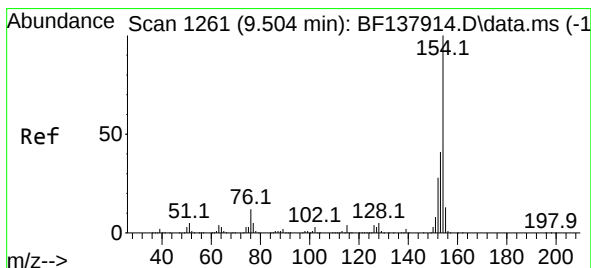
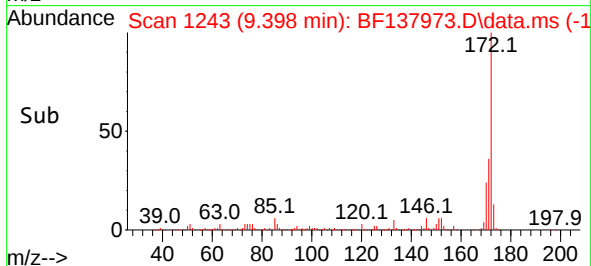
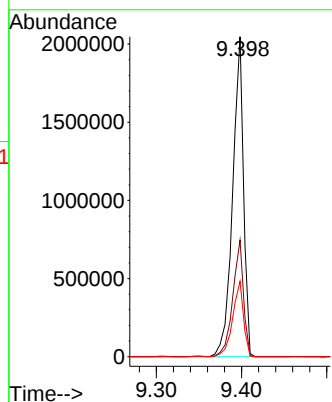
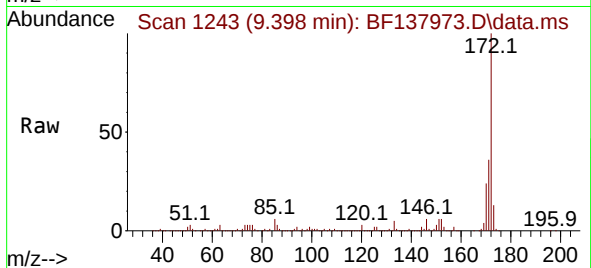
PB160974BS

Tgt Ion:172 Resp: 182878
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 23.6 18.9 28.3

Manual Integrations

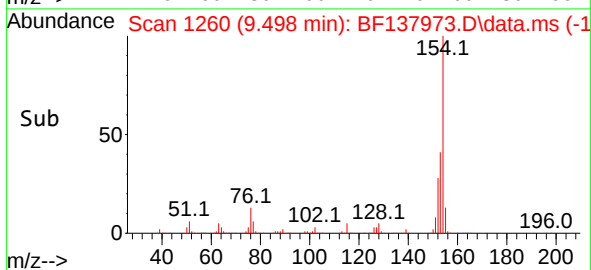
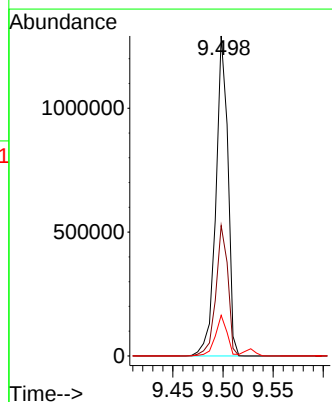
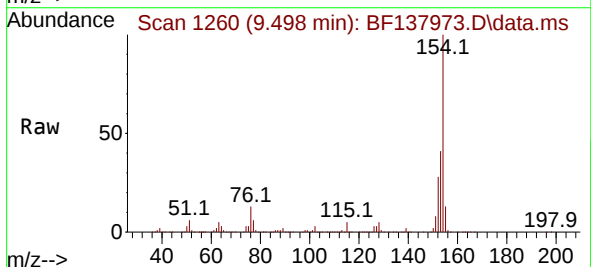
APPROVED

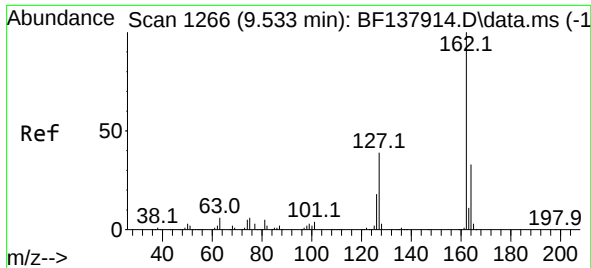
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#46
1,1'-Biphenyl
Concen: 45.292 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:154 Resp: 1078395
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 12.7 0.0 31.9





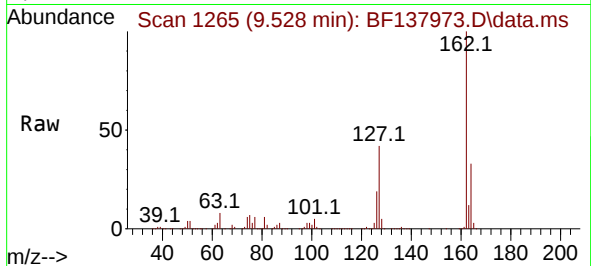
#47
2-Chloronaphthalene
Concen: 44.221 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

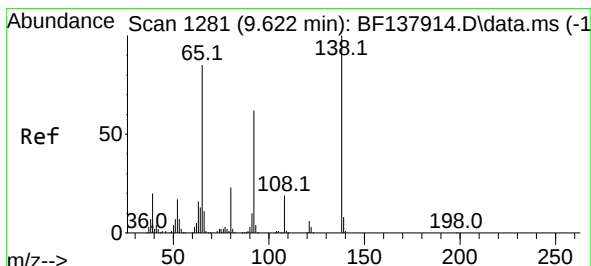
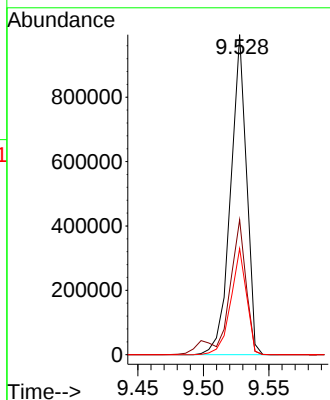
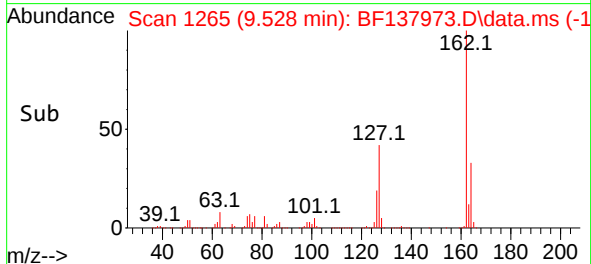


Tgt Ion:162 Resp: 840490
Ion Ratio Lower Upper
162 100
127 42.1 32.0 48.0
164 33.1 26.2 39.4

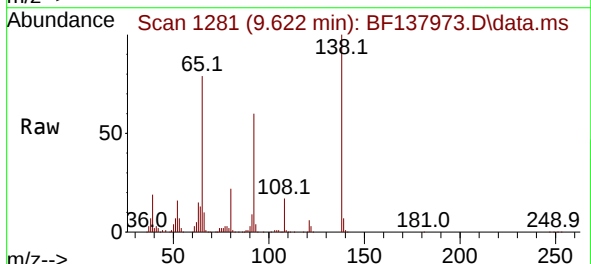
Manual Integrations

APPROVED

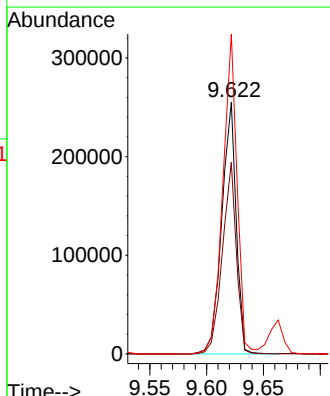
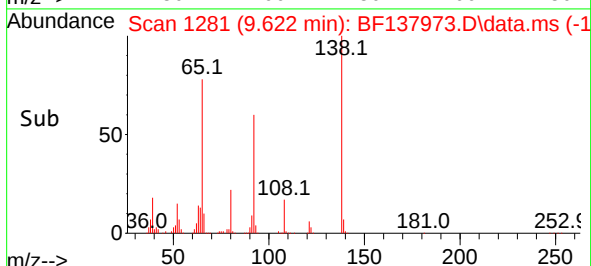
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

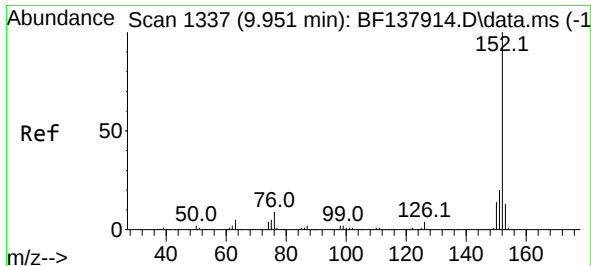


#48
2-Nitroaniline
Concen: 46.630 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion: 65 Resp: 226952
Ion Ratio Lower Upper
65 100
92 76.0 58.6 88.0
138 127.0 94.1 141.1





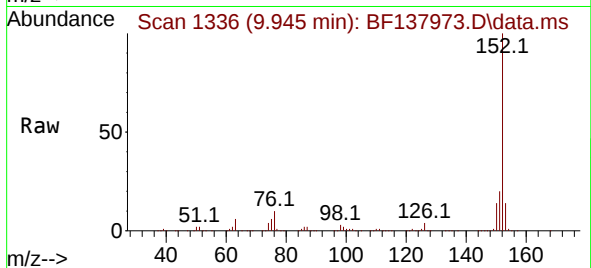
#49
Acenaphthylene
Concen: 48.440 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

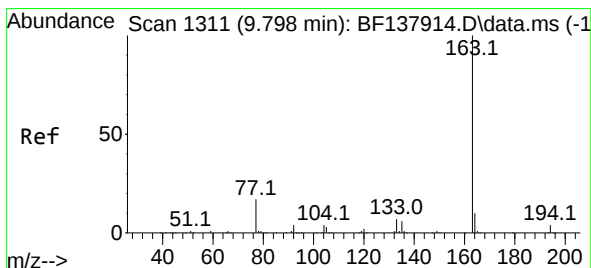
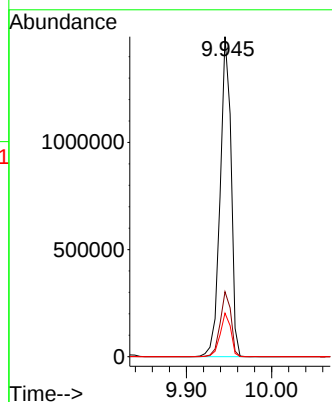
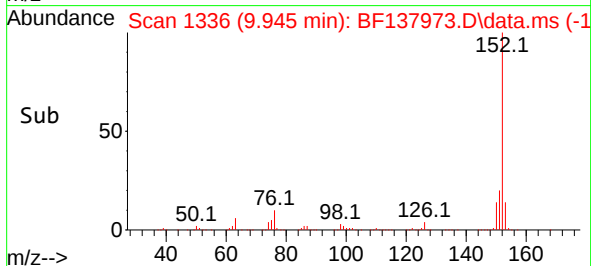


Tgt Ion:152 Resp: 1323828
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.6 10.2 15.4

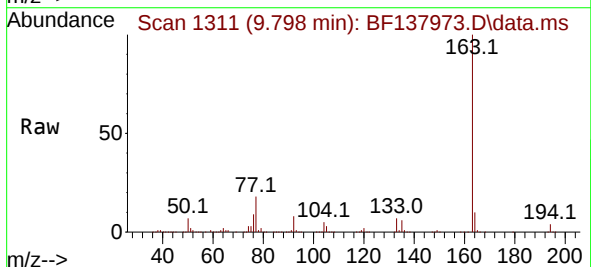
Manual Integrations

APPROVED

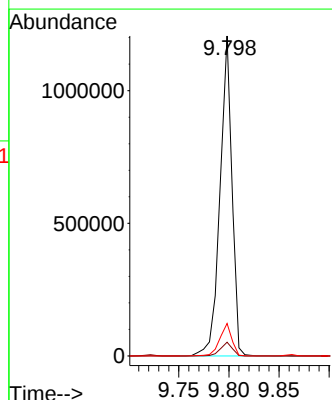
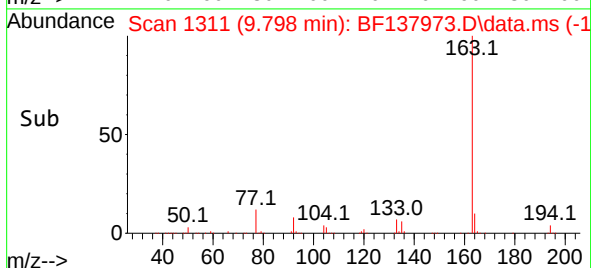
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

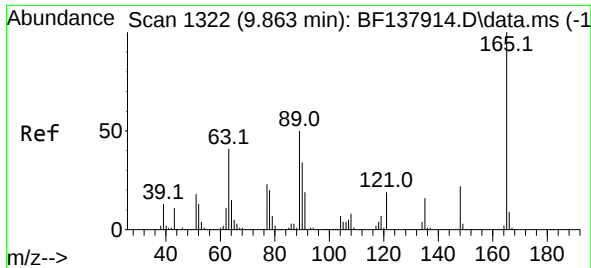


#50
Dimethylphthalate
Concen: 46.987 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:163 Resp: 1000228
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.0 12.0





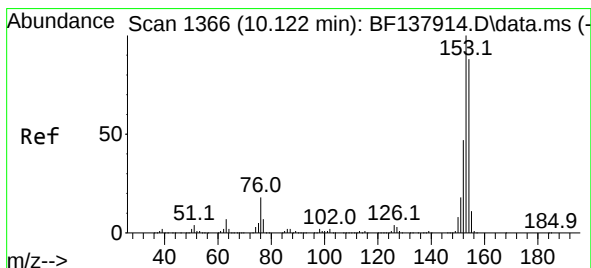
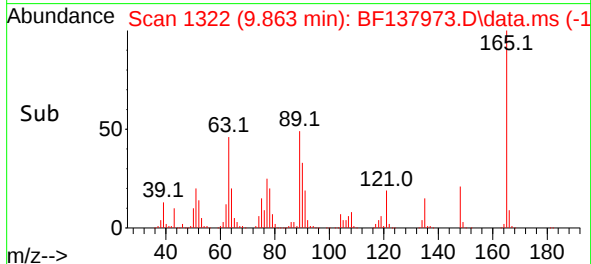
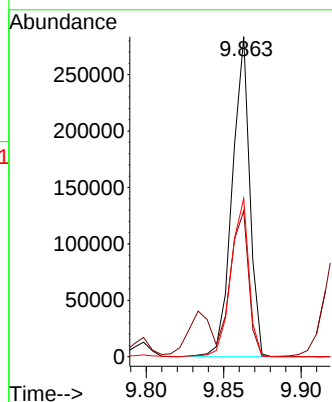
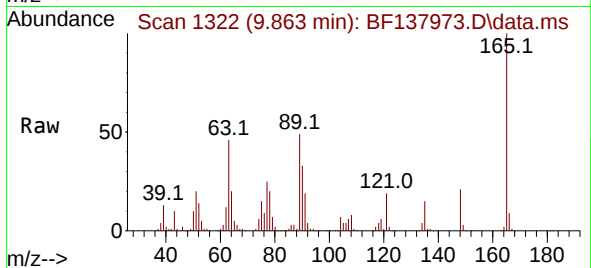
#51
2,6-Dinitrotoluene
Concen: 45.465 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160974BS

Tgt Ion:165 Resp: 22213
Ion Ratio Lower Upper
165 100
63 45.6 38.9 58.3
89 49.4 40.4 60.6

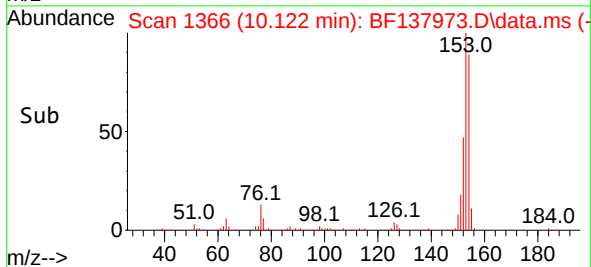
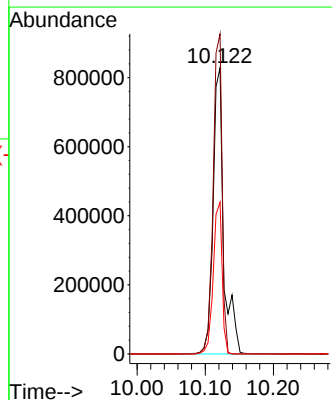
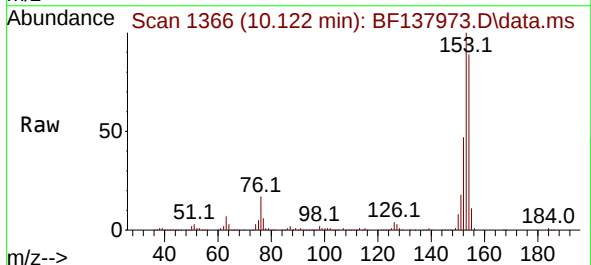
Manual Integrations
APPROVED

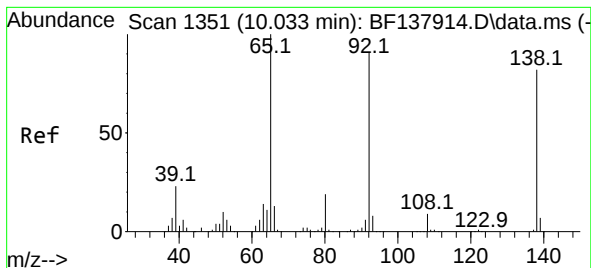
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#52
Acenaphthene
Concen: 49.827 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

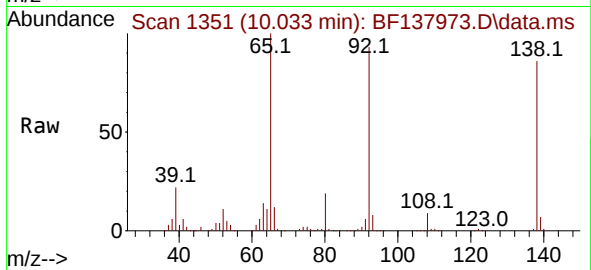
Tgt Ion:154 Resp: 900020
Ion Ratio Lower Upper
154 100
153 111.9 90.4 135.6
152 53.0 42.3 63.5





#53
3-Nitroaniline
Concen: 32.962 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

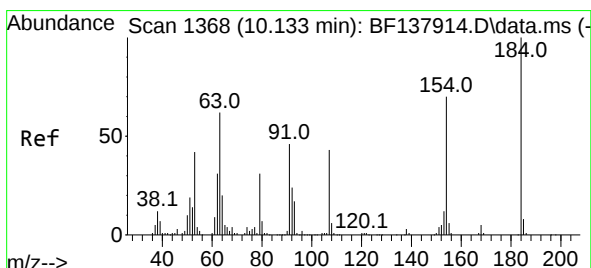
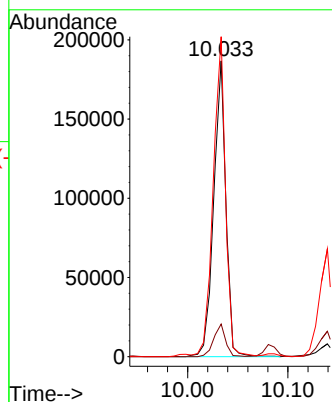
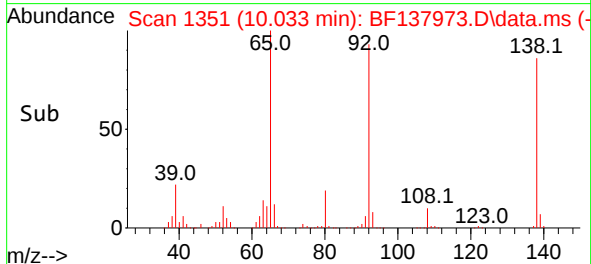
Instrument :
BNA_F
ClientSampleId :
PB160974BS



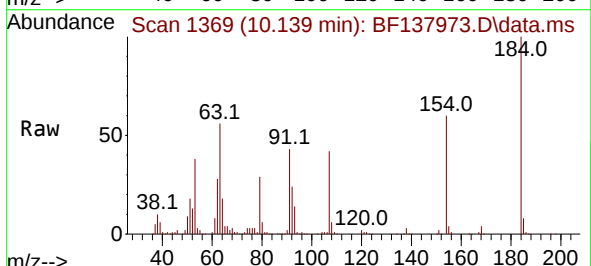
Tgt Ion:138 Resp: 157430
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 108.2 88.6 133.0

Manual Integrations
APPROVED

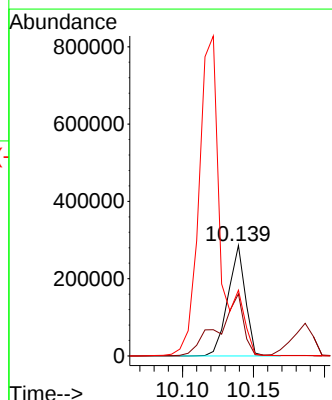
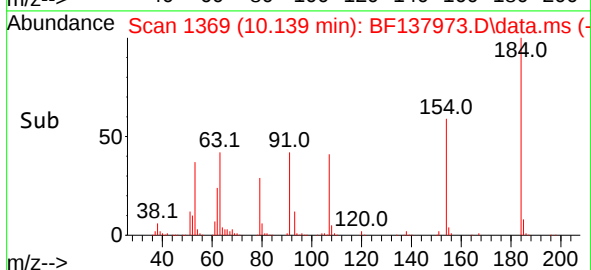
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

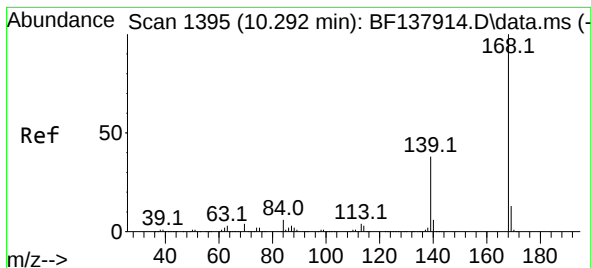


#54
2,4-Dinitrophenol
Concen: 91.142 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



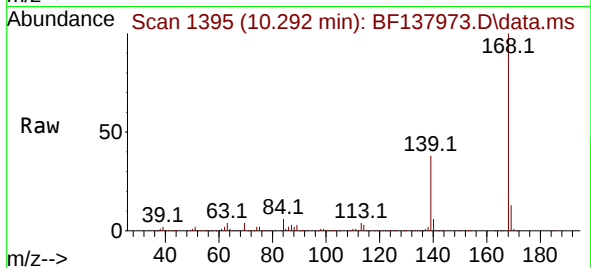
Tgt Ion:184 Resp: 243374
Ion Ratio Lower Upper
184 100
63 56.2 50.4 75.6
154 59.6 63.7 95.5#





#55
Dibenzenofuran
Concen: 46.068 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

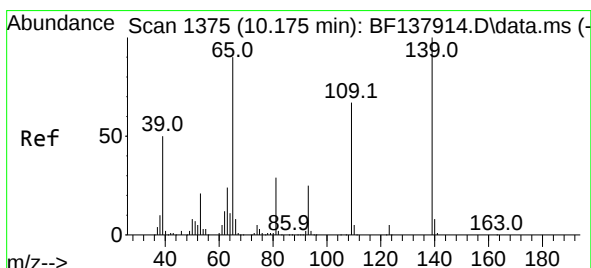
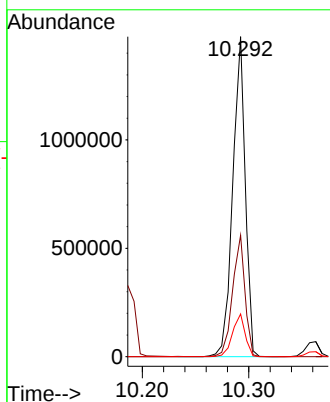
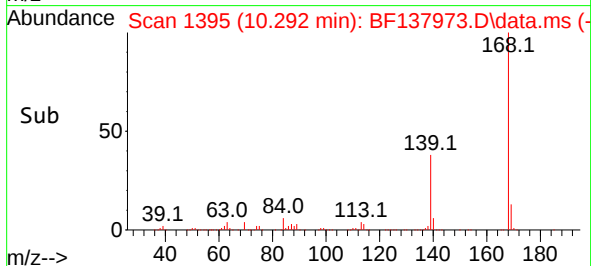
Instrument :
BNA_F
ClientSampleId :
PB160974BS



Tgt Ion:168 Resp: 1211030
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 13.3 10.5 15.7

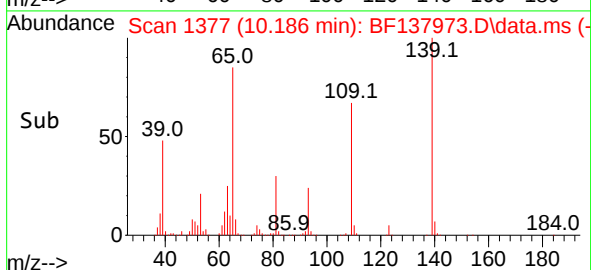
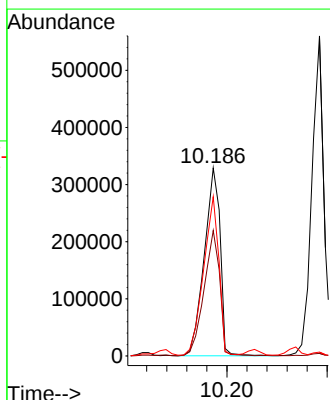
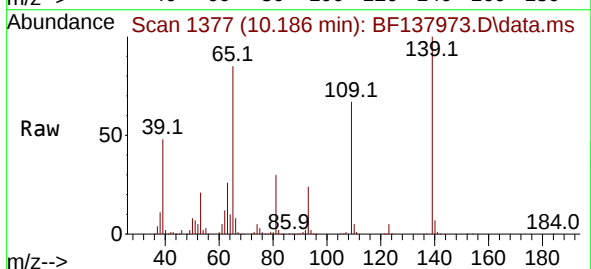
Manual Integrations
APPROVED

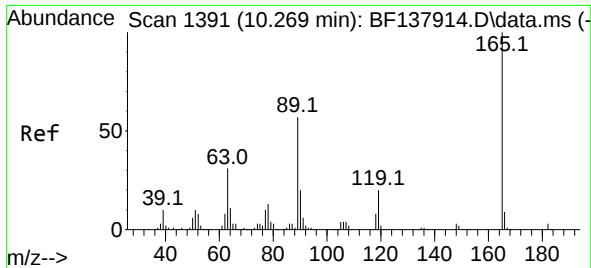
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 105.815 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:139 Resp: 362998
Ion Ratio Lower Upper
139 100
109 66.7 46.5 86.5
65 84.7 70.4 110.4





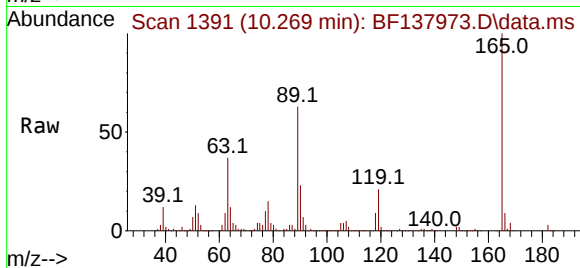
#57
2,4-Dinitrotoluene
Concen: 48.143 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

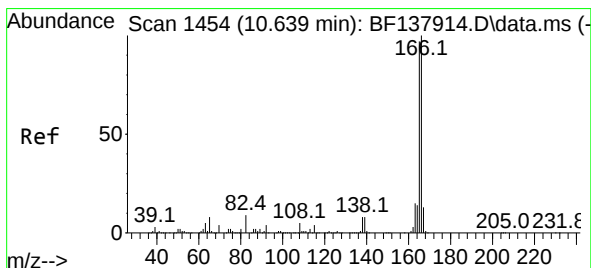
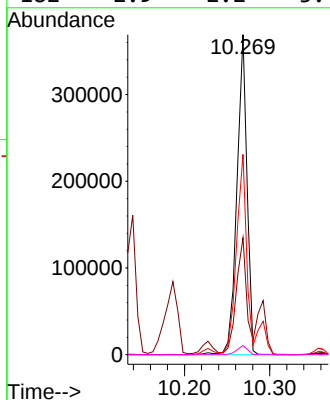
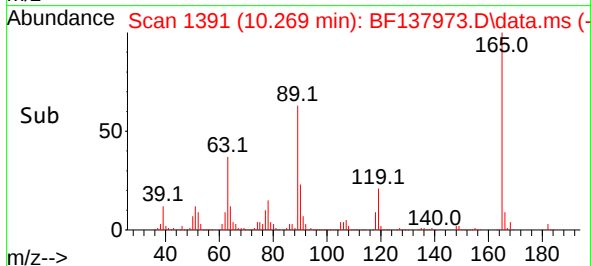


Tgt Ion:165 Resp: 30408
Ion Ratio Lower Upper
165 100
63 36.6 25.3 37.9
89 62.6 45.9 68.9
182 2.9 2.2 3.4

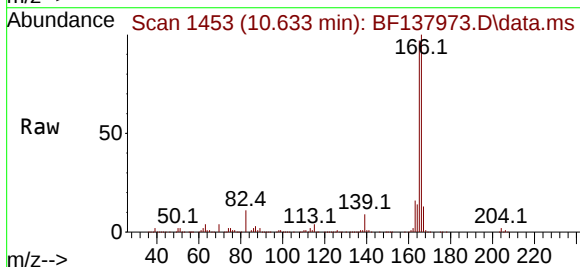
Manual Integrations

APPROVED

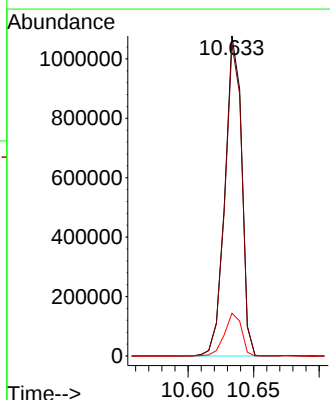
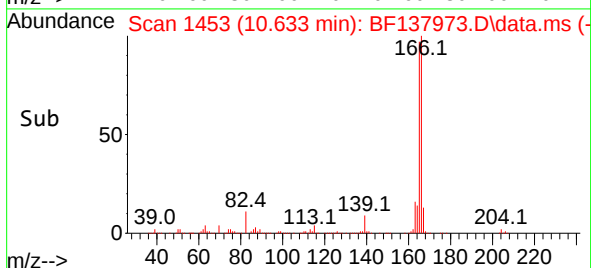
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

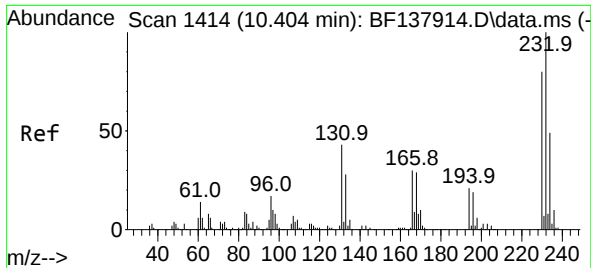


#58
Fluorene
Concen: 45.991 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



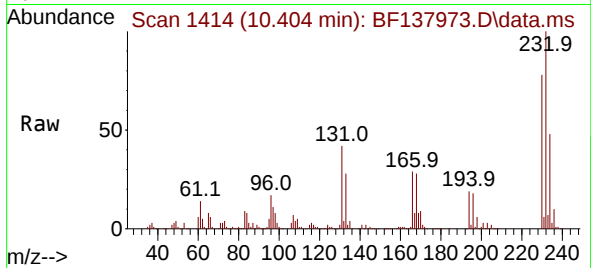
Tgt Ion:166 Resp: 956278
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.910 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

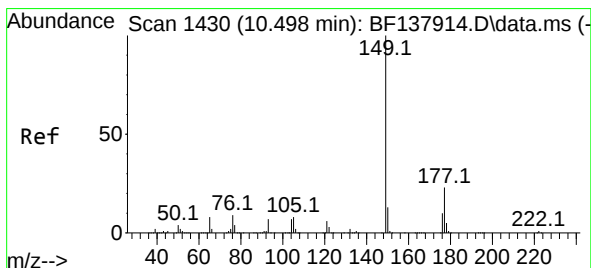
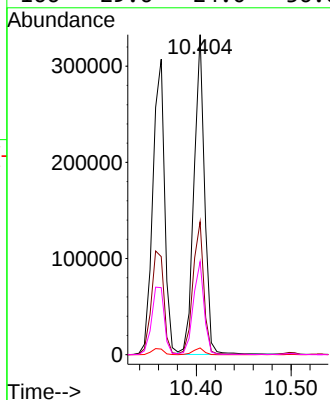
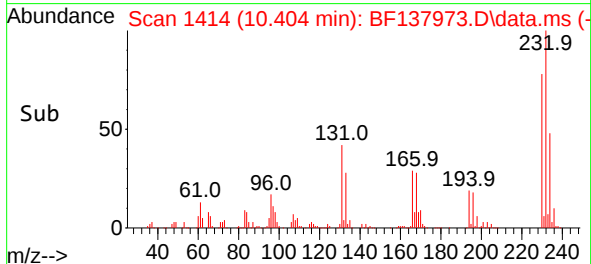
Instrument :
BNA_F
ClientSampleId :
PB160974BS



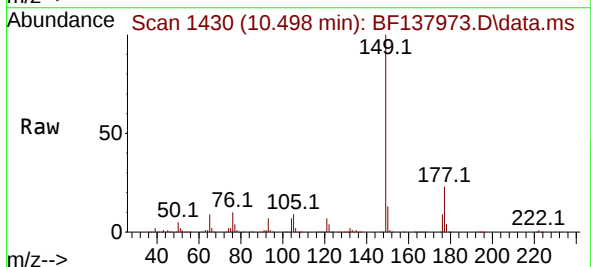
Tgt Ion:232 Resp: 25959
Ion Ratio Lower Upper
232 100
131 42.4 34.4 51.6
130 2.1 1.7 2.5
166 29.6 24.0 36.0

Manual Integrations
APPROVED

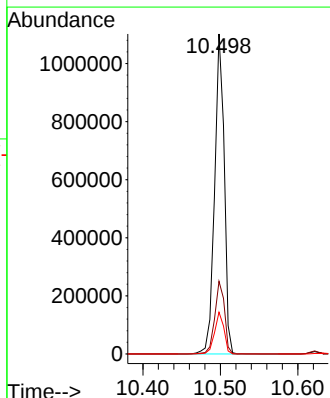
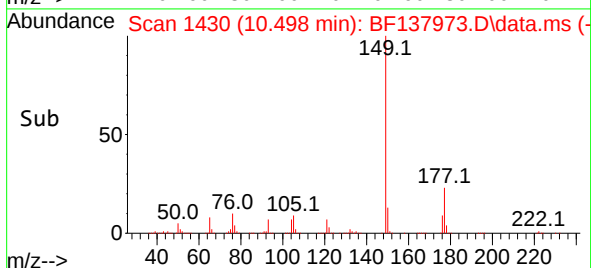
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

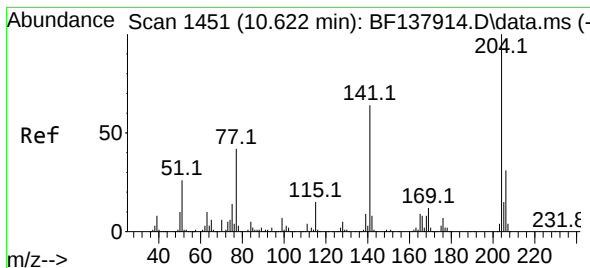


#60
Diethylphthalate
Concen: 47.649 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



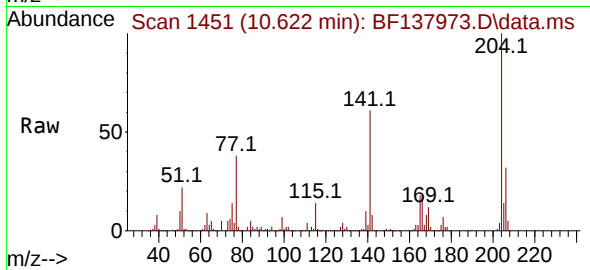
Tgt Ion:149 Resp: 947310
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.549 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

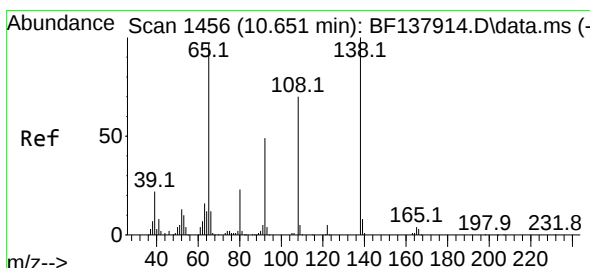
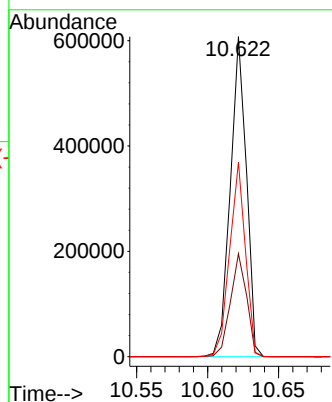
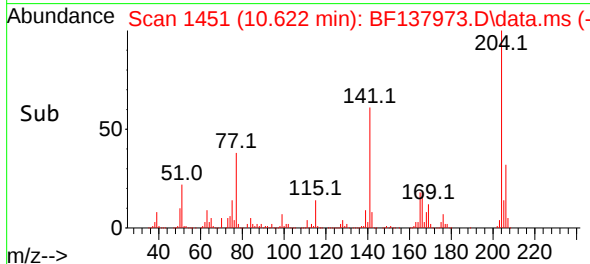
Instrument :
BNA_F
ClientSampleId :
PB160974BS



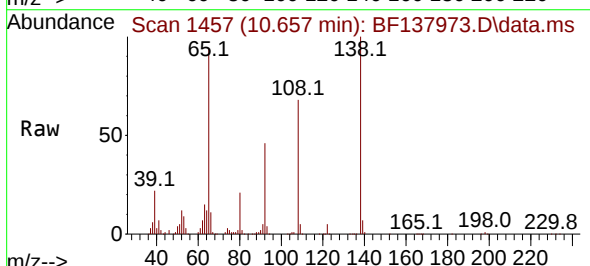
Tgt Ion:204 Resp: 47730
Ion Ratio Lower Upper
204 100
206 32.1 25.1 37.7
141 60.8 51.0 76.6

Manual Integrations
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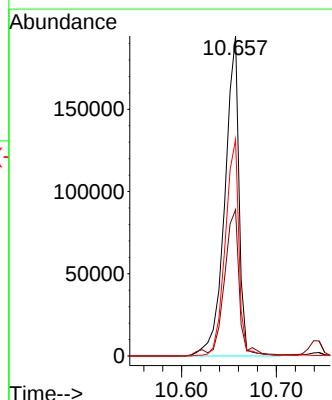
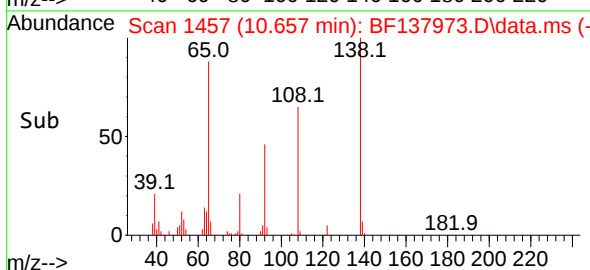
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

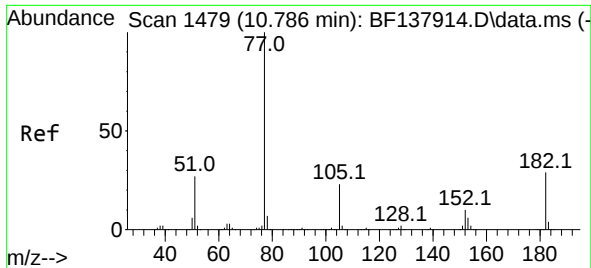


#62
4-Nitroaniline
Concen: 44.952 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:138 Resp: 203641
Ion Ratio Lower Upper
138 100
92 45.7 29.0 69.0
108 67.7 49.7 89.7





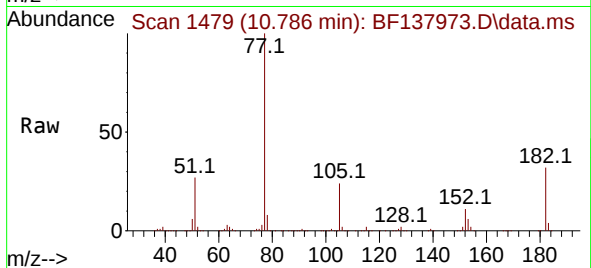
#63
Azobenzene
Concen: 47.496 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

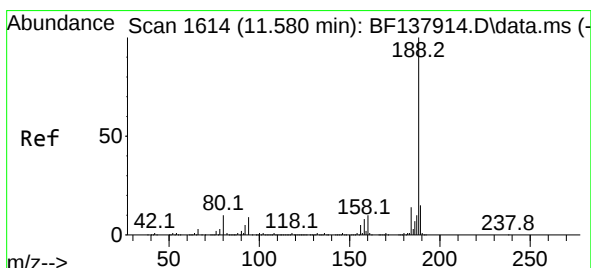
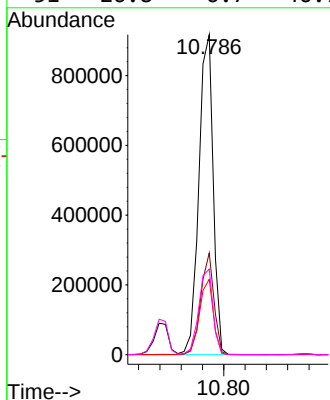
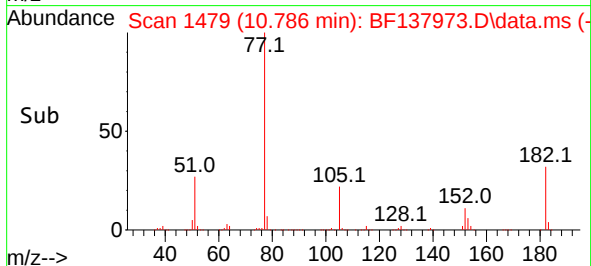


Tgt Ion: 77 Resp: 85891
Ion Ratio Lower Upper
77 100
182 31.8 9.2 49.2
105 23.6 3.1 43.1
51 26.8 6.7 46.7

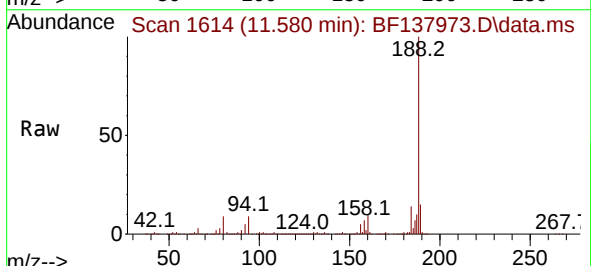
Manual Integrations

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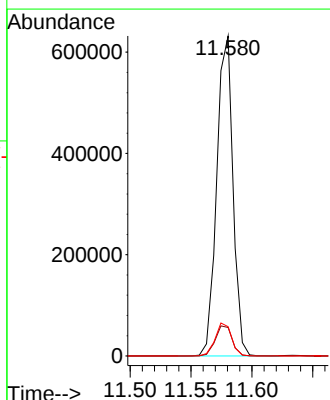
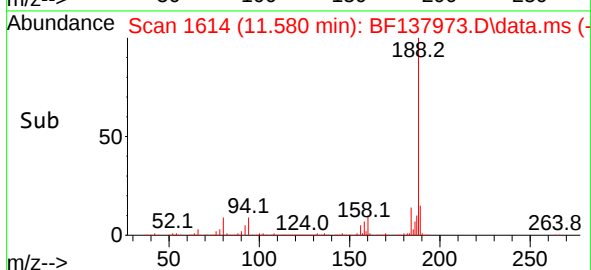
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

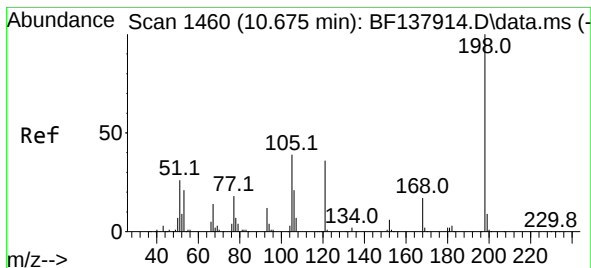


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:188 Resp: 587011
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.1 7.7 11.5





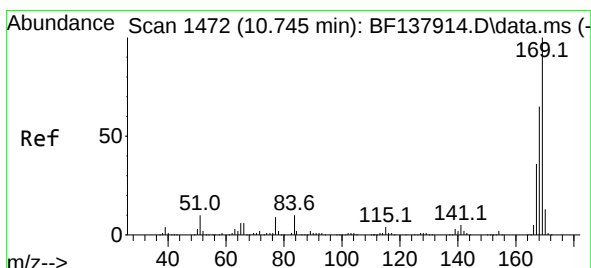
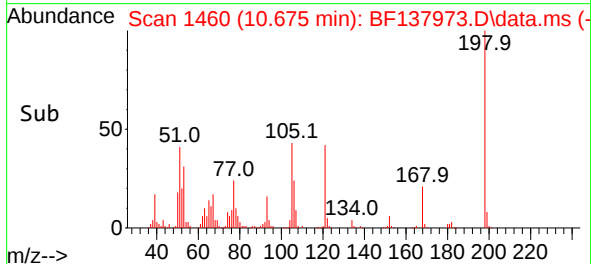
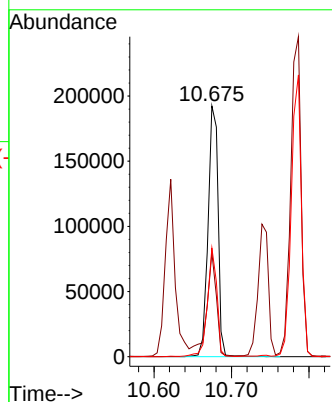
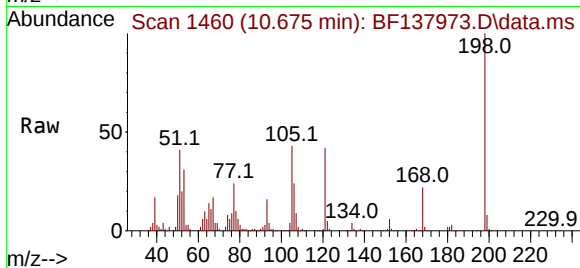
#65
4,6-Dinitro-2-methylphenol
Concen: 50.898 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160974BS

Tgt Ion:198 Resp: 172510
Ion Ratio Lower Upper
198 100
51 41.4 13.8 53.8
105 43.3 19.0 59.0

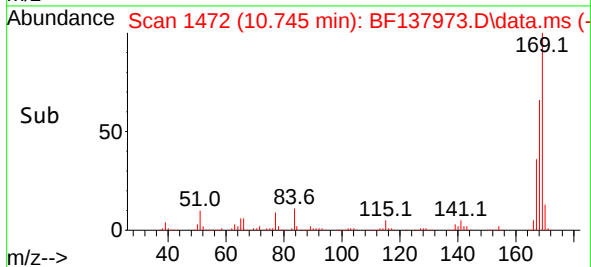
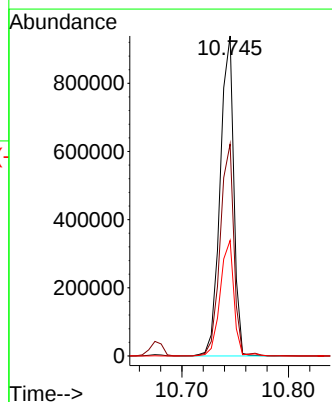
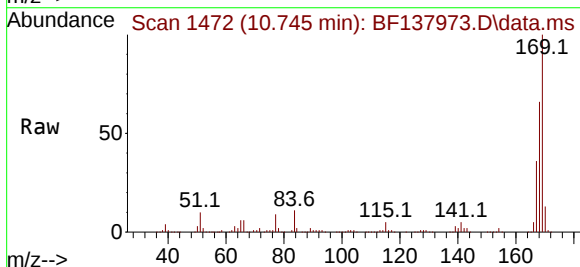
Manual Integrations
APPROVED

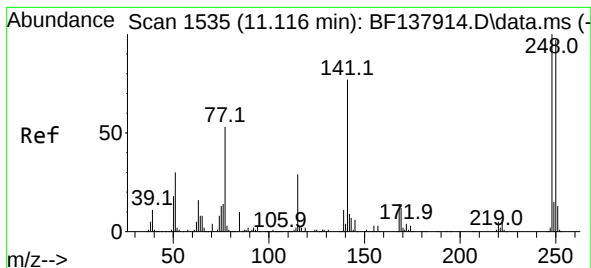
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#66
n-Nitrosodiphenylamine
Concen: 46.070 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:169 Resp: 829341
Ion Ratio Lower Upper
169 100
168 66.2 52.4 78.6
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 46.565 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

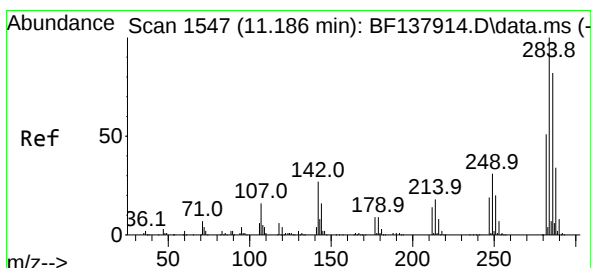
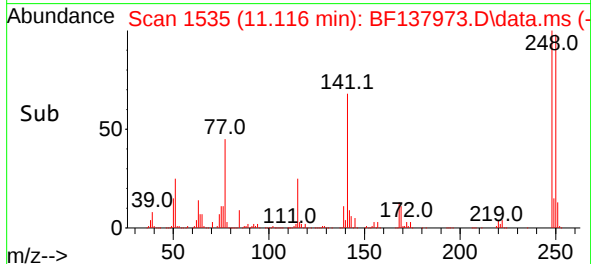
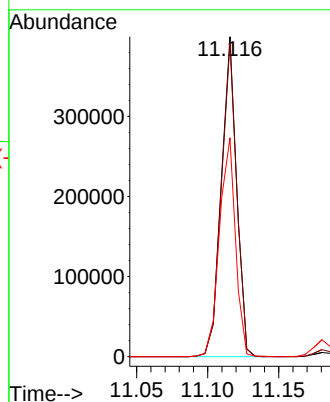
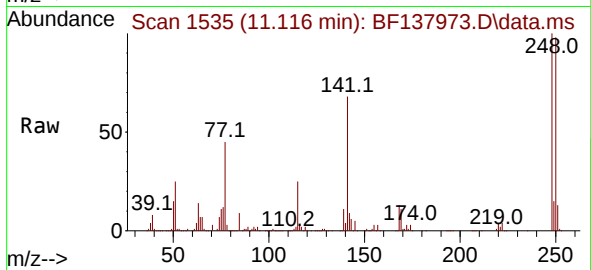
PB160974BS

Tgt Ion:248 Resp: 299662
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 68.4 61.4 92.2

Manual Integrations

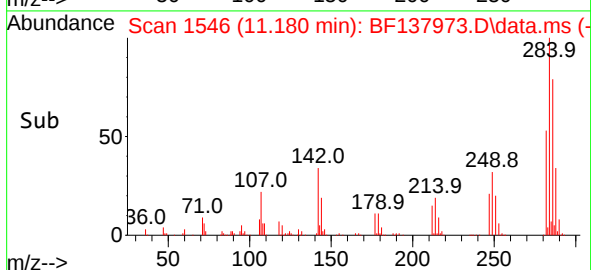
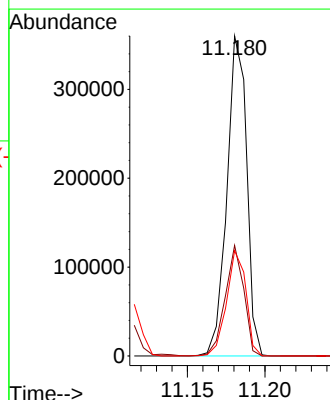
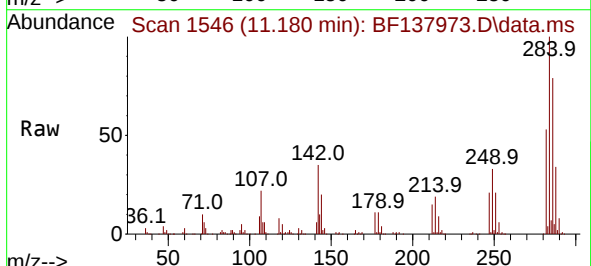
APPROVED

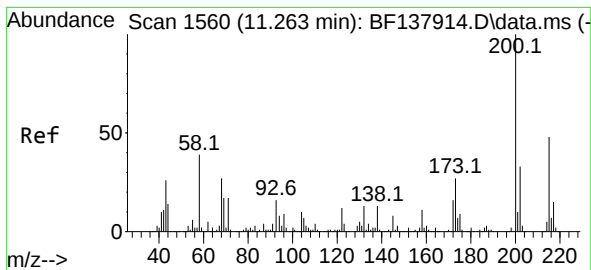
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#68
Hexachlorobenzene
Concen: 44.880 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:284 Resp: 319252
Ion Ratio Lower Upper
284 100
142 34.5 21.3 31.9#
249 32.9 24.6 37.0





#69

Atrazine

Concen: 57.755 ng

RT: 11.269 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

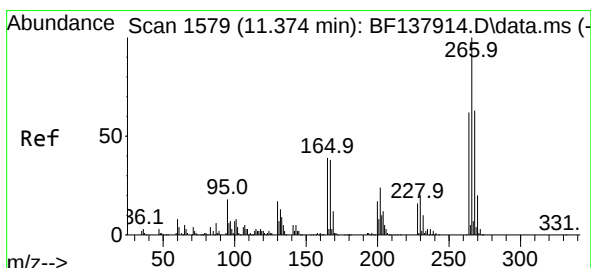
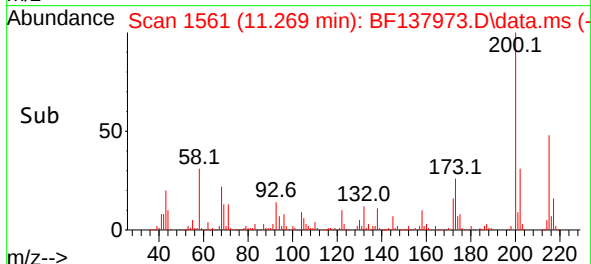
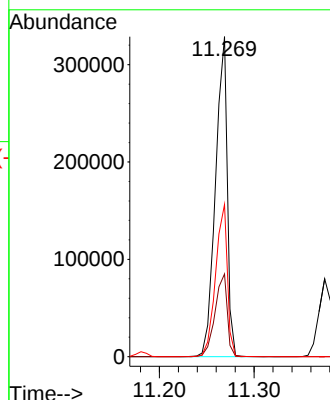
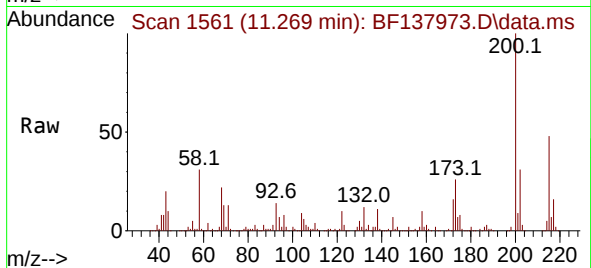
PB160974BS

Tgt Ion:200 Resp: 283907
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.6 46.6
 215 47.6 27.5 67.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#70

Pentachlorophenol

Concen: 98.196 ng

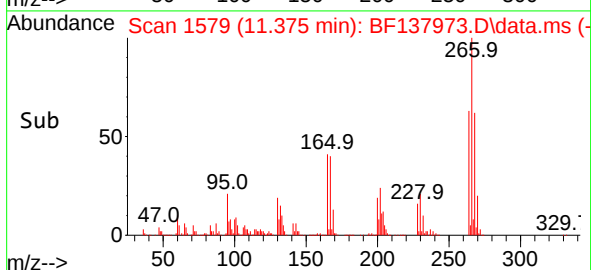
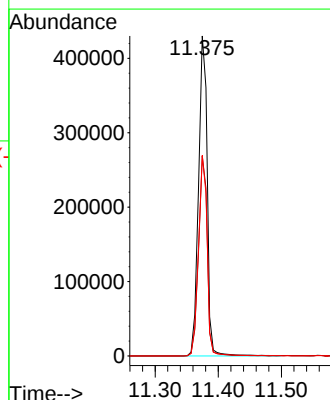
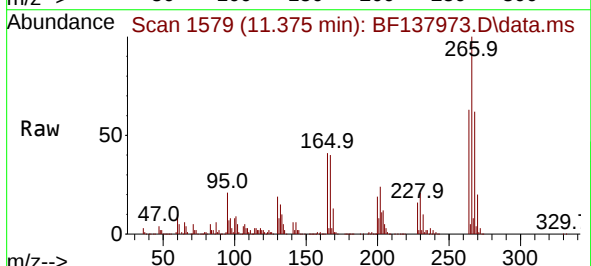
RT: 11.375 min Scan# 1579

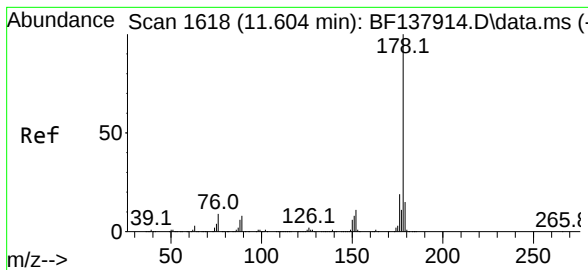
Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

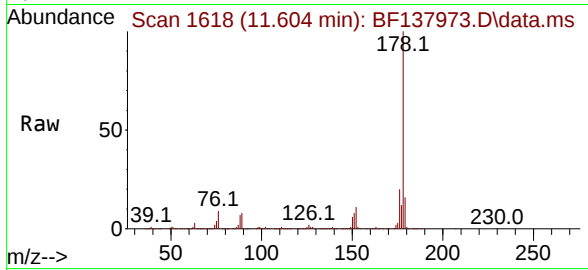
Tgt Ion:266 Resp: 409167
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.1 75.1
 264 62.7 49.4 74.2





#71
Phenanthrene
Concen: 45.999 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

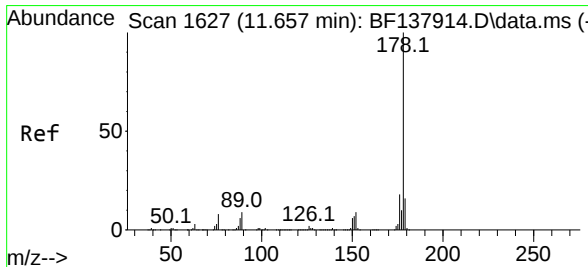
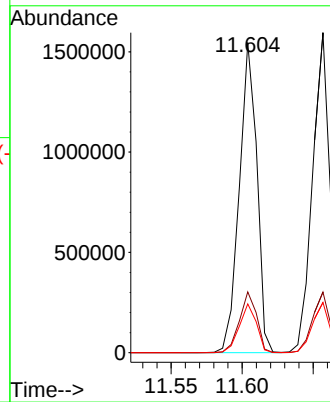
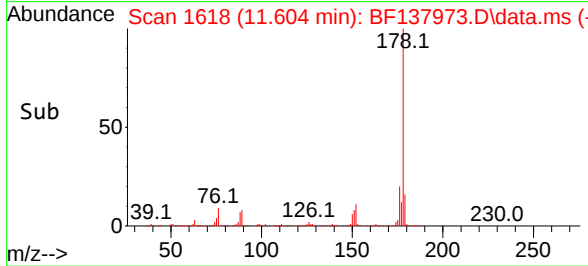
Instrument :
BNA_F
ClientSampleId :
PB160974BS



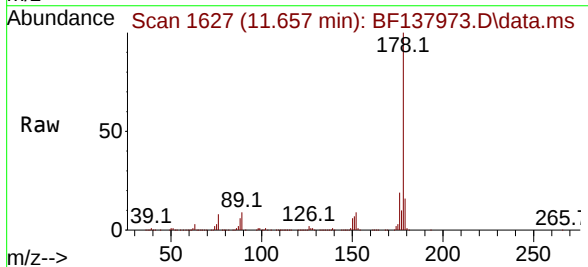
Tgt Ion:178 Resp: 1330610
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.8 12.2 18.4

Manual Integrations
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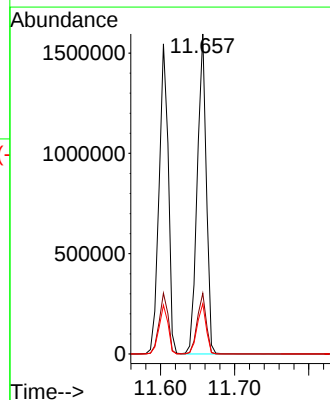
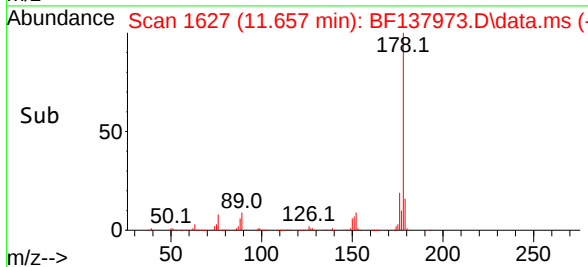
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

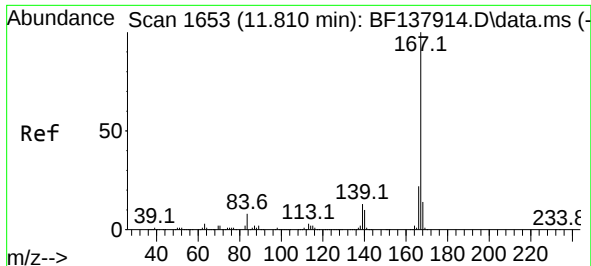


#72
Anthracene
Concen: 46.932 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



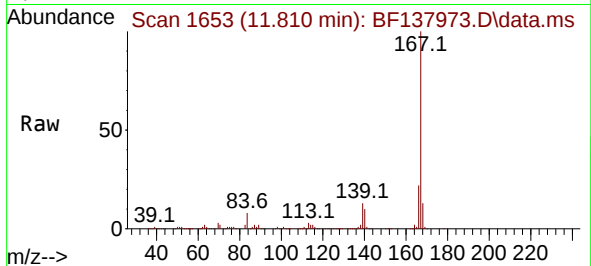
Tgt Ion:178 Resp: 1347001
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 45.449 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF137973.D
 Acq: 21 May 2024 12:22

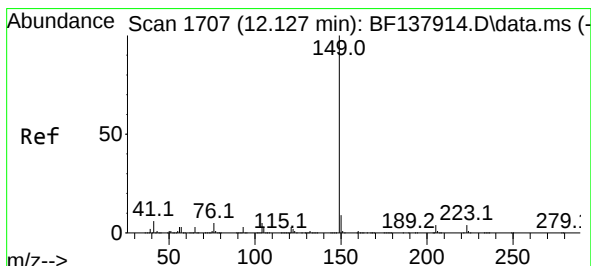
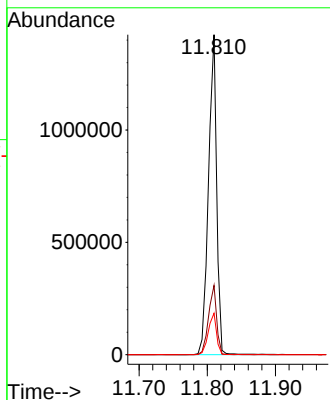
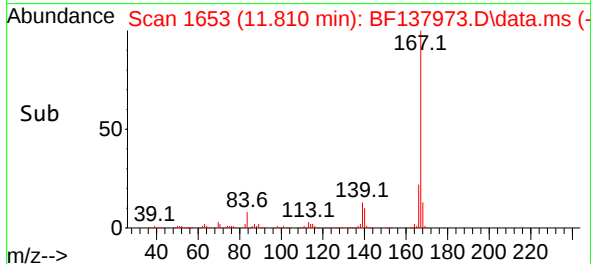
Instrument :
 BNA_F
 ClientSampleId :
 PB160974BS



Tgt Ion:167 Resp: 1191599
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.0 10.3 15.5

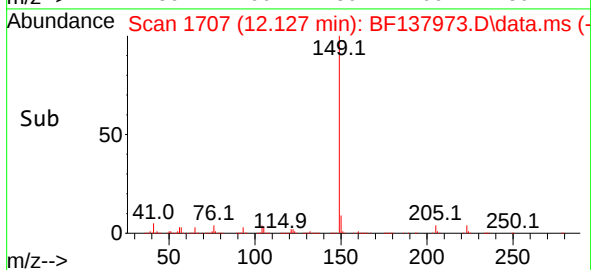
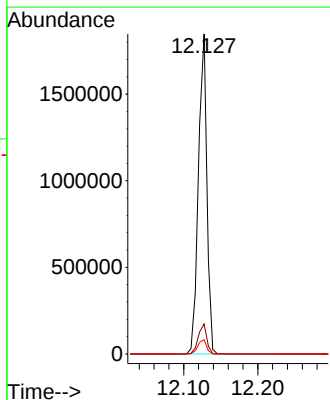
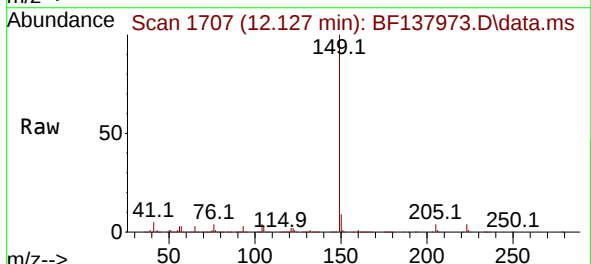
Manual Integrations
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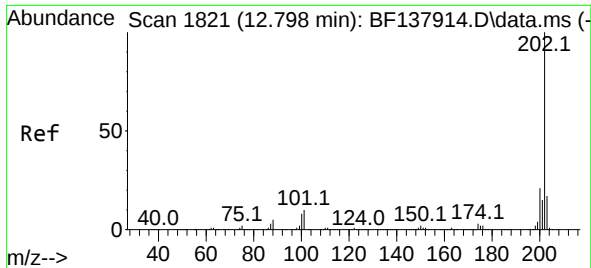
Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#74
 Di-n-butylphthalate
 Concen: 50.118 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF137973.D
 Acq: 21 May 2024 12:22

Tgt Ion:149 Resp: 1458267
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.4 3.6 5.4





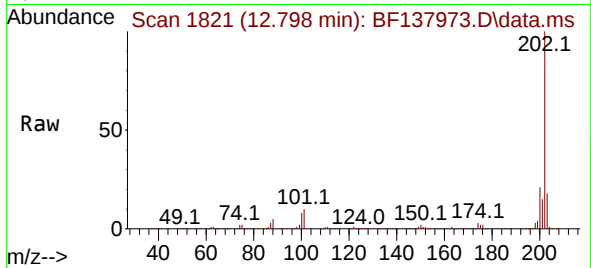
#75
Fluoranthene
Concen: 46.258 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

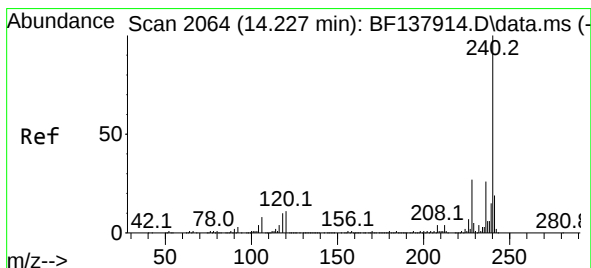
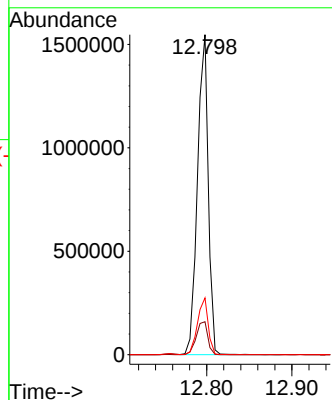
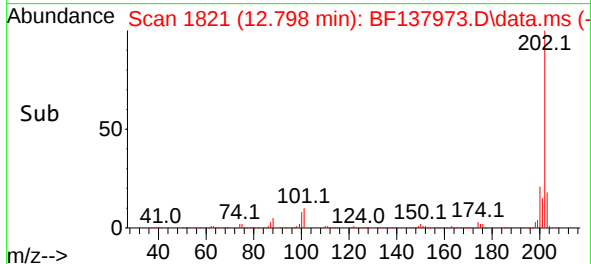


Tgt Ion:202 Resp: 1358210
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.5
203 17.7 0.0 37.3

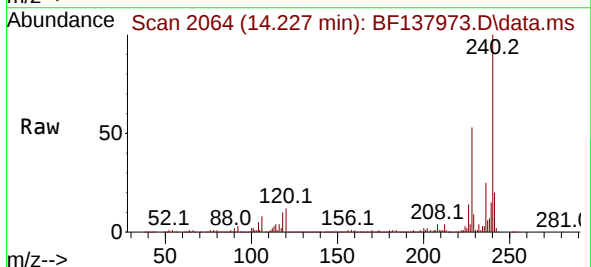
Manual Integrations

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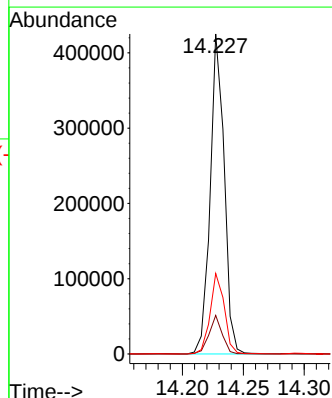
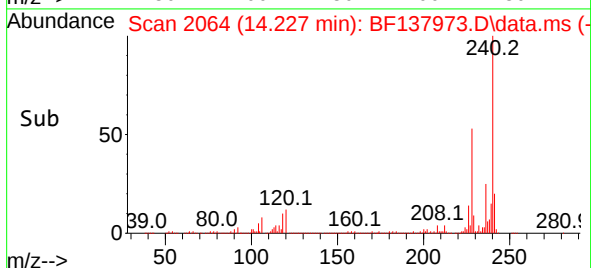
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

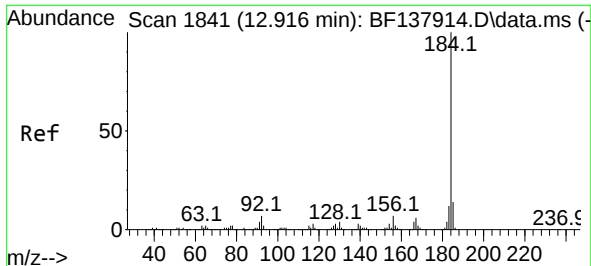


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



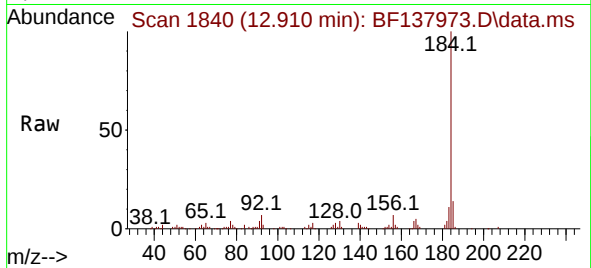
Tgt Ion:240 Resp: 339457
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.2 21.0 31.4





#77
Benzidine
Concen: 12.712 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

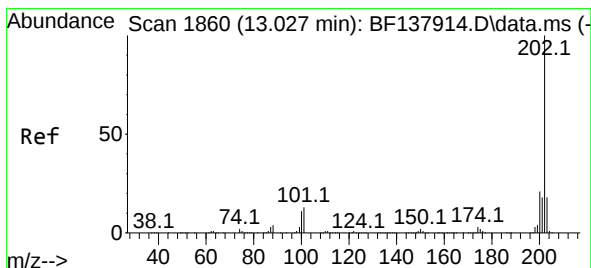
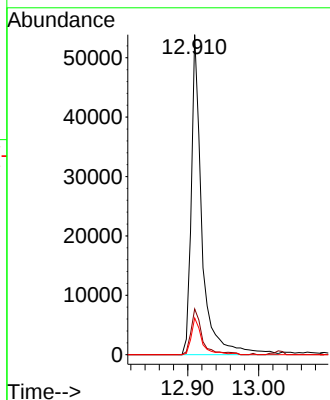
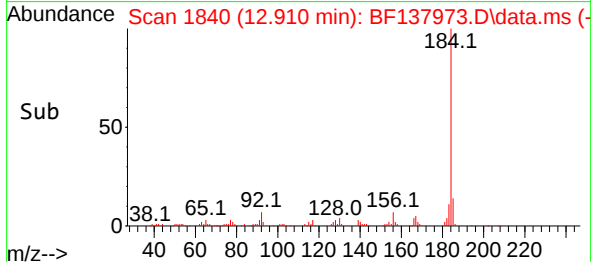
Instrument :
BNA_F
ClientSampleId :
PB160974BS



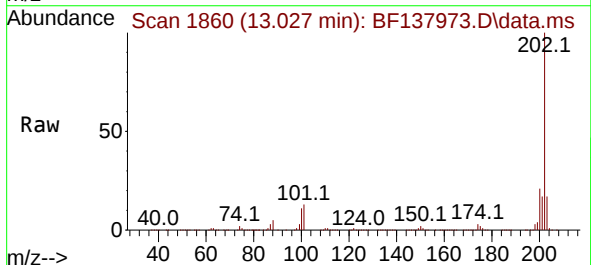
Tgt Ion:184 Resp: 56390
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.4 9.5 14.3

Manual Integrations
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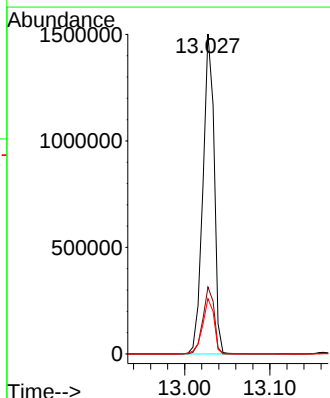
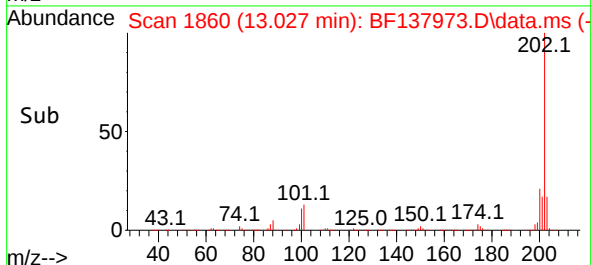
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

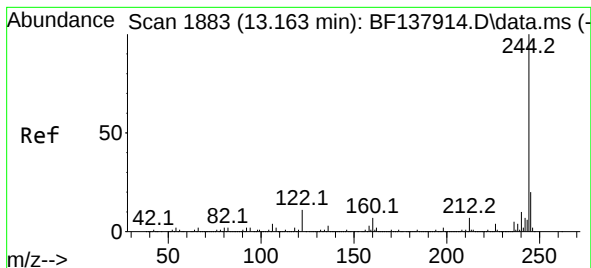


#78
Pyrene
Concen: 46.174 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:202 Resp: 1370925
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 88.900 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137973.D

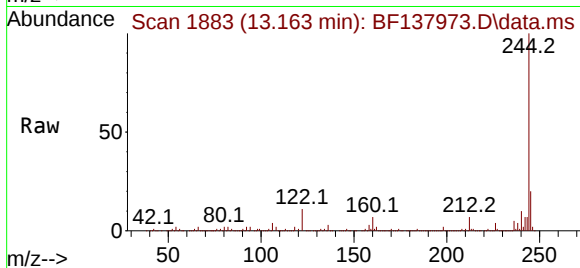
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS



Tgt Ion:244 Resp: 2047624

Ion Ratio Lower Upper

244 100

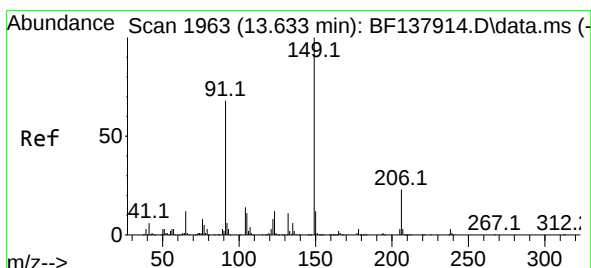
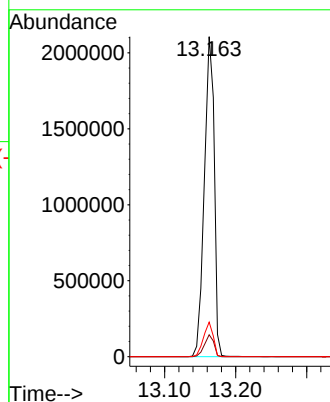
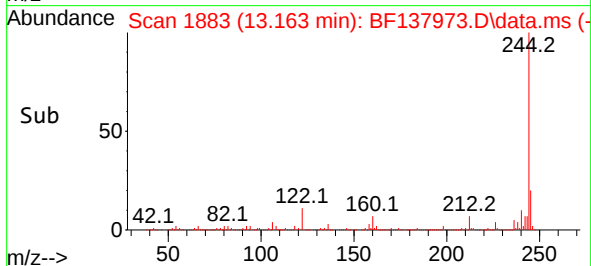
212 6.9 5.6 8.4

122 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#80

Butylbenzylphthalate

Concen: 54.517 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

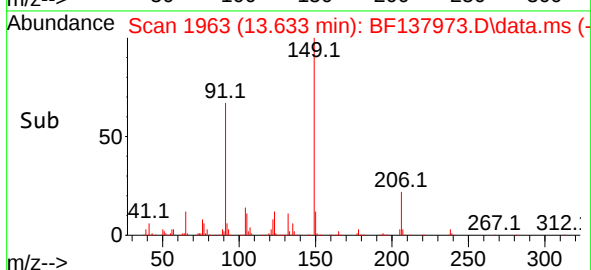
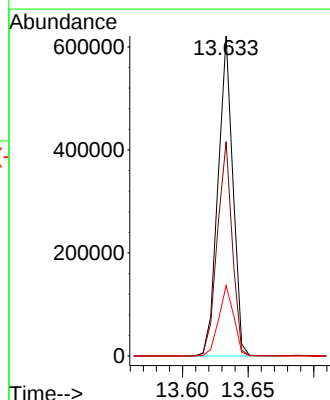
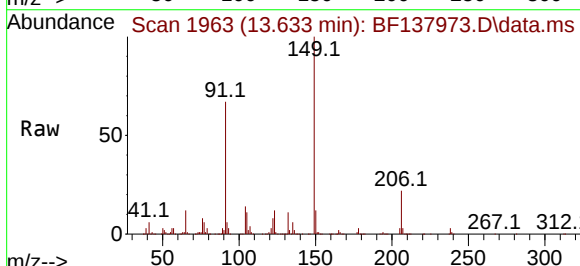
Tgt Ion:149 Resp: 488223

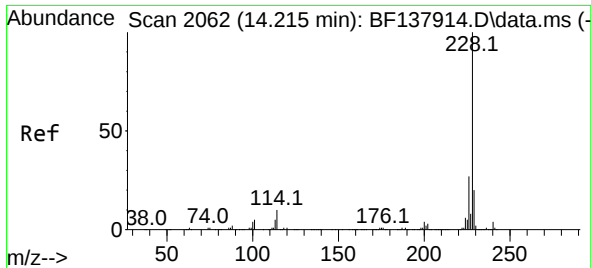
Ion Ratio Lower Upper

149 100

91 67.0 54.2 81.4

206 22.0 18.1 27.1





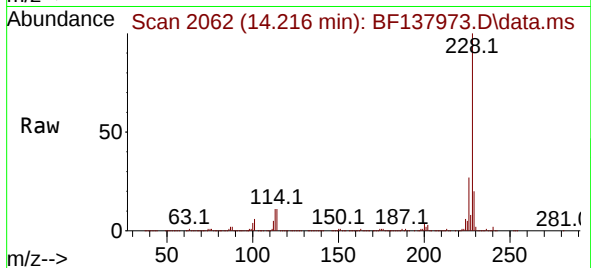
#81
Benzo(a)anthracene
Concen: 48.352 ng
RT: 14.216 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

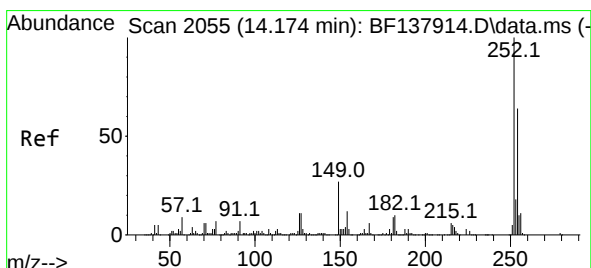
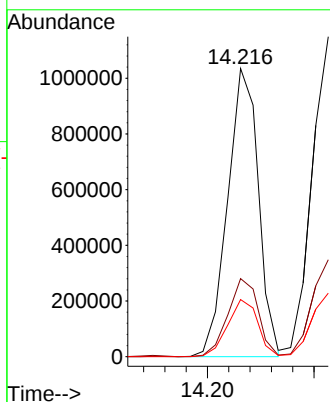
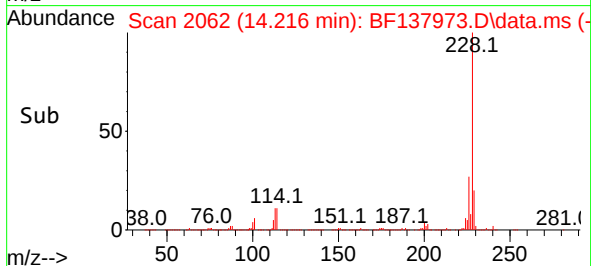


Tgt Ion:228 Resp: 103840
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.8 15.7 23.5

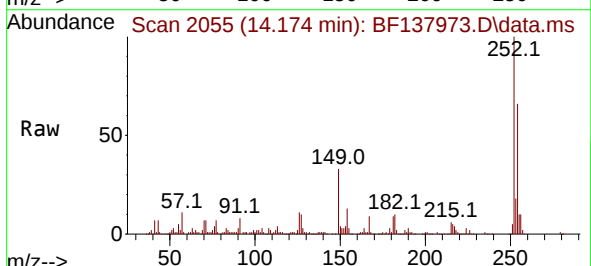
Manual Integrations

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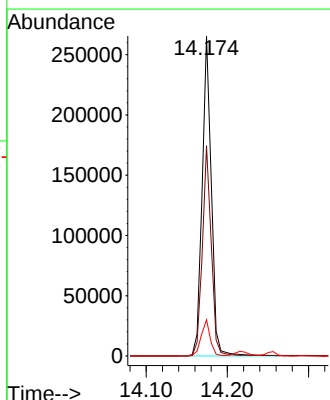
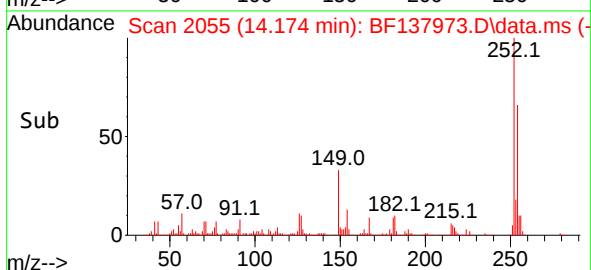
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

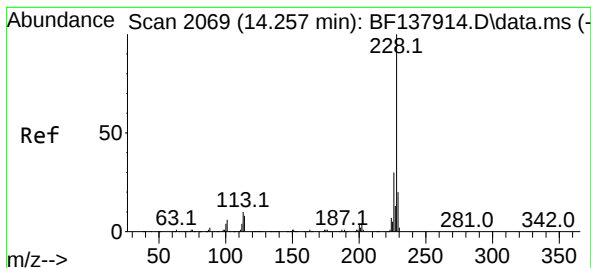


#82
3,3'-Dichlorobenzidine
Concen: 35.091 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:252 Resp: 208848
Ion Ratio Lower Upper
252 100
254 65.7 51.2 76.8
126 11.3 8.7 13.1





#83

Chrysene

Concen: 47.554 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

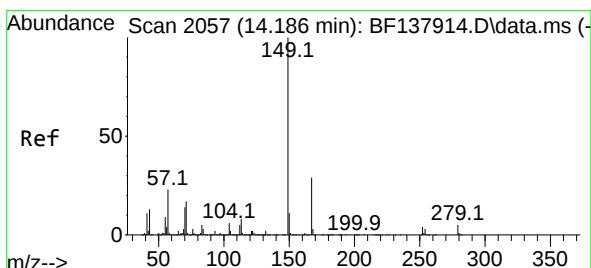
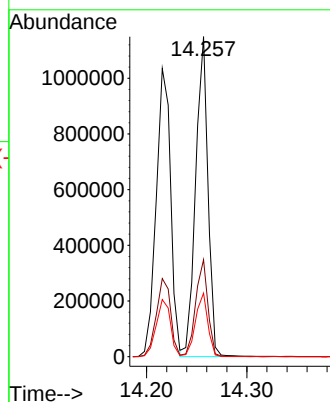
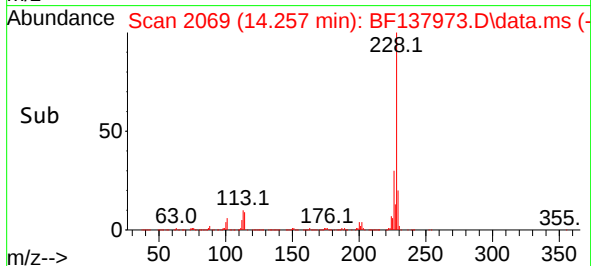
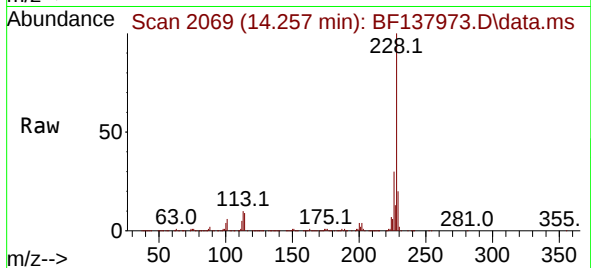
PB160974BS

Tgt Ion:228 Resp: 976710
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.8 35.8
 229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.856 ng

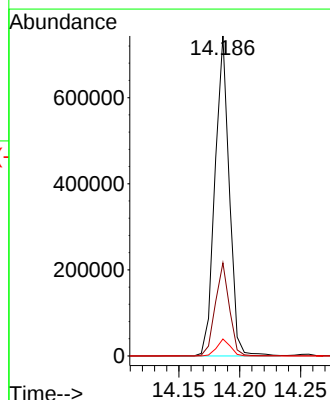
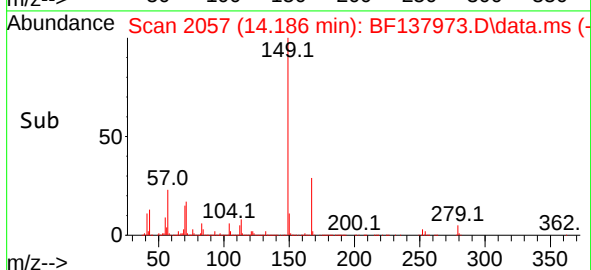
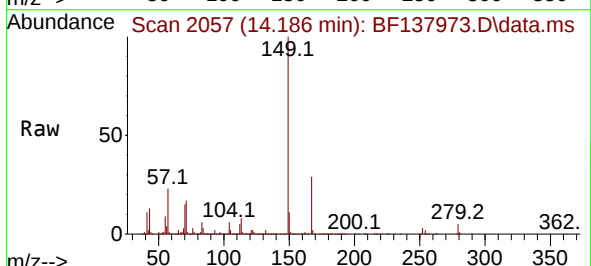
RT: 14.186 min Scan# 2057

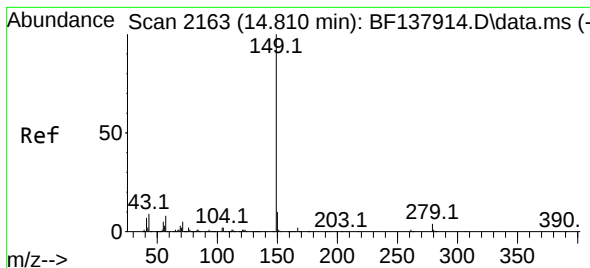
Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

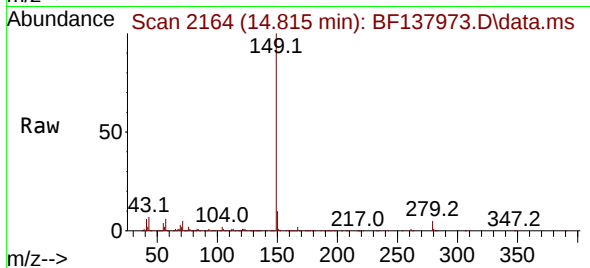
Tgt Ion:149 Resp: 606287
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.2 34.8
 279 5.3 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 57.880 ng
RT: 14.815 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

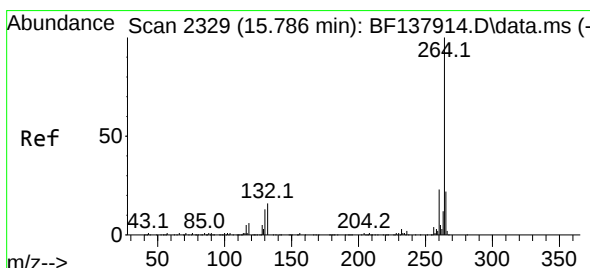
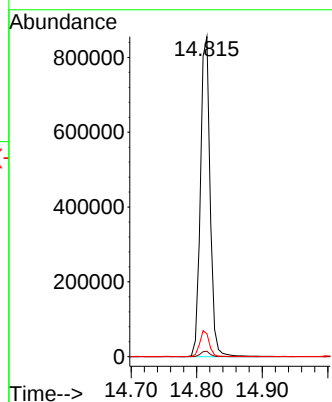
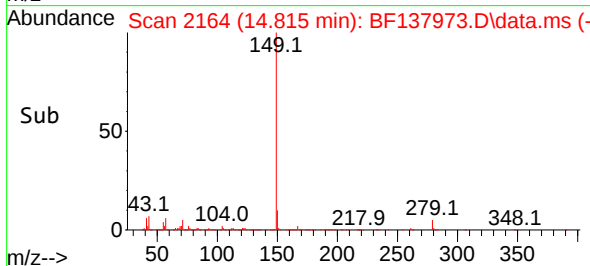
Instrument :
BNA_F
ClientSampleId :
PB160974BS



Tgt Ion:149 Resp: 880249
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.1 6.6 9.8

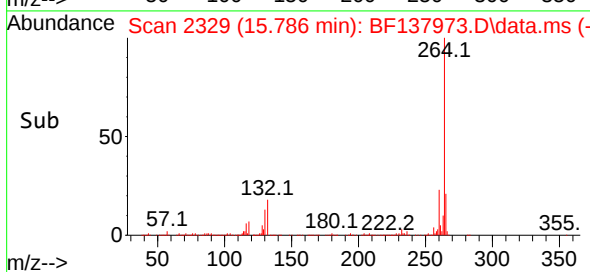
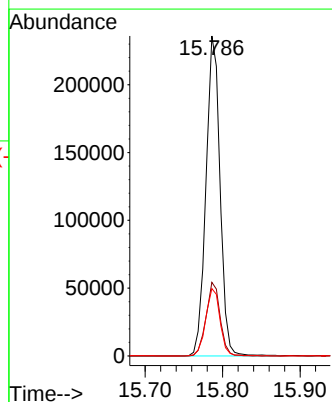
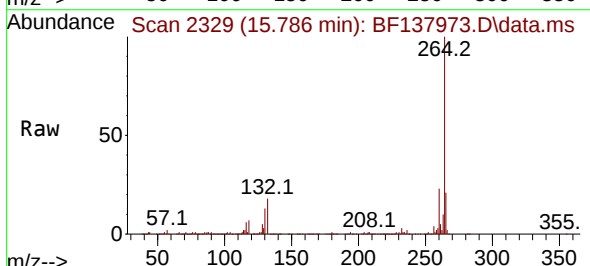
Manual Integrations
APPROVED

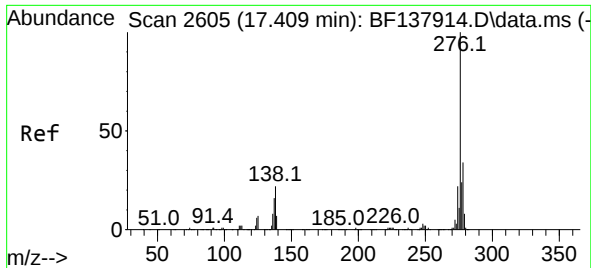
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:264 Resp: 297414
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.703 ng
RT: 17.421 min Scan# 20607
Delta R.T. 0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

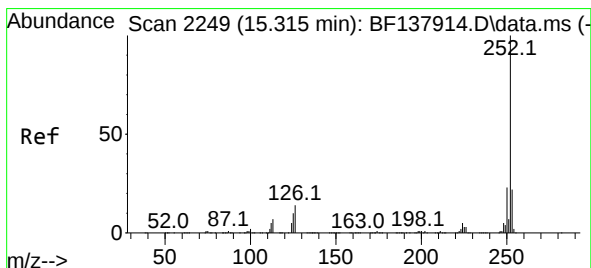
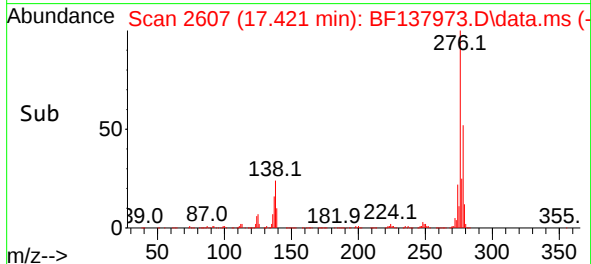
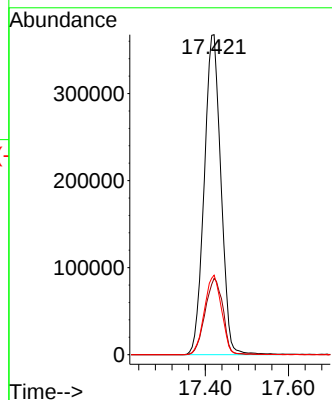
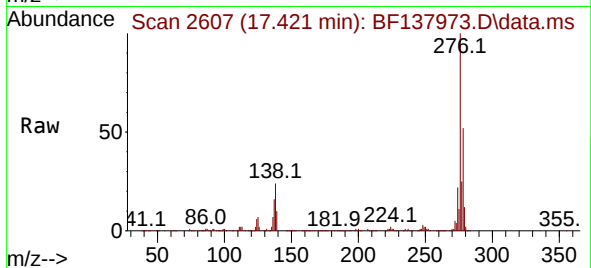
PB160974BS

Tgt Ion:276 Resp: 102614
Ion Ratio Lower Upper
276 100
138 25.4 20.6 30.8
277 25.6 20.2 30.2

Manual Integrations

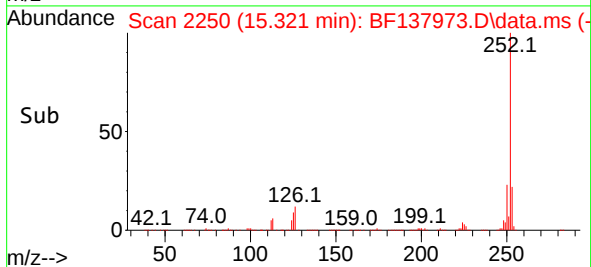
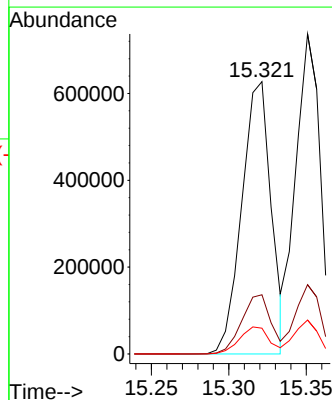
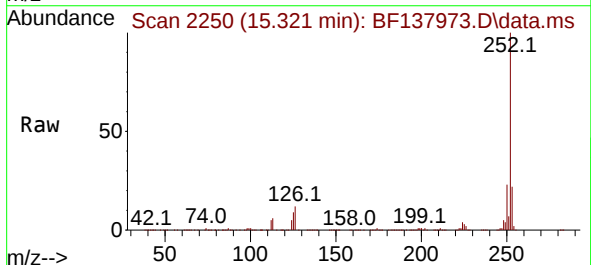
APPROVED

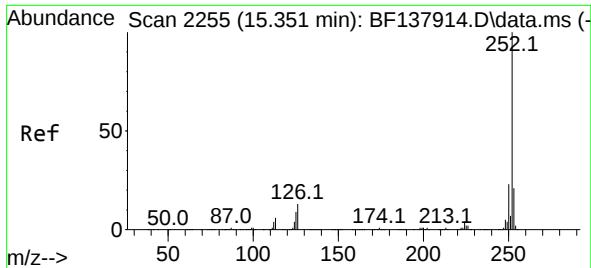
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#88
Benzo(b)fluoranthene
Concen: 47.955 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:252 Resp: 825805
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.5 8.2 12.4





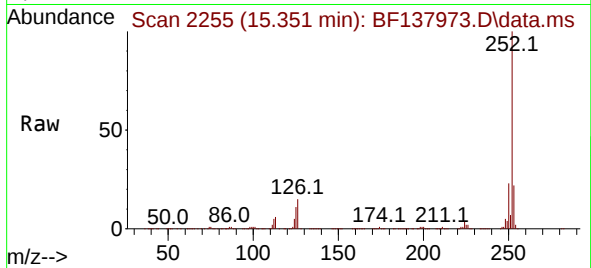
#89
Benzo(k)fluoranthene
Concen: 48.527 ng
RT: 15.351 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

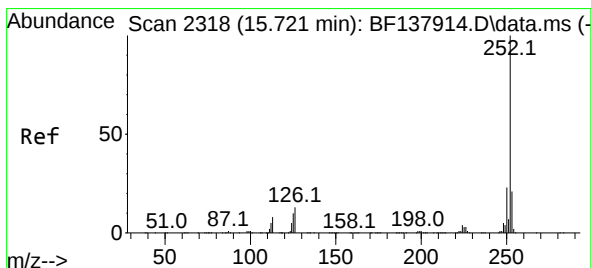
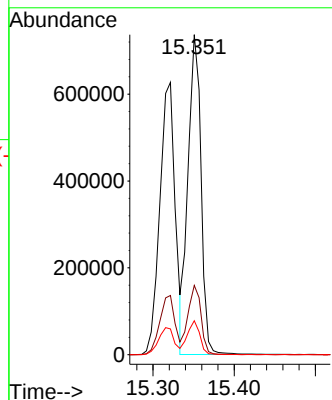
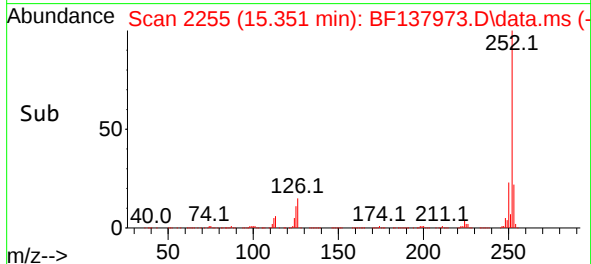


Tgt Ion:252 Resp: 820959
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.6 7.7 11.5

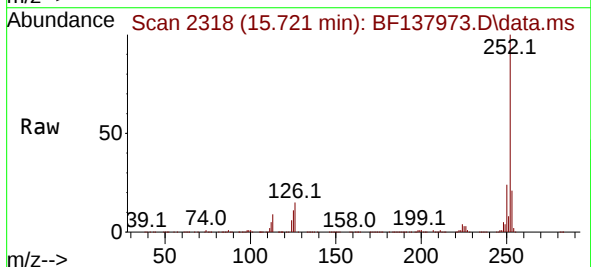
Manual Integrations

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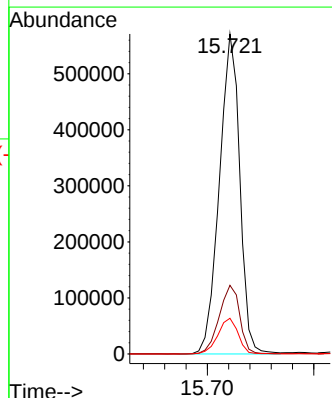
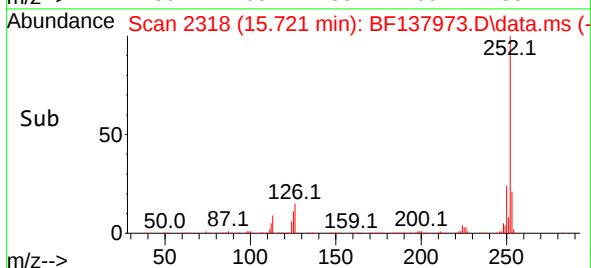
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

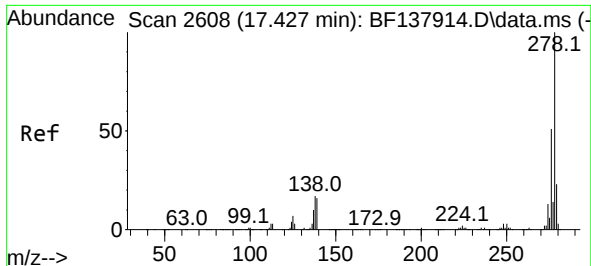


#90
Benzo(a)pyrene
Concen: 51.523 ng
RT: 15.721 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:252 Resp: 757627
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.2 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 53.418 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :

BNA_F

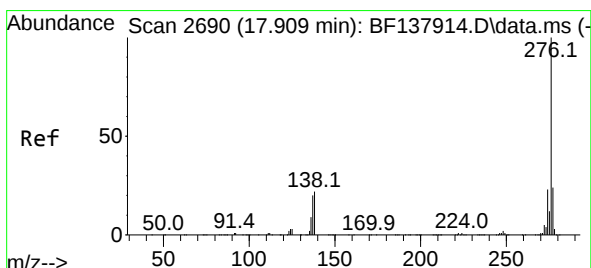
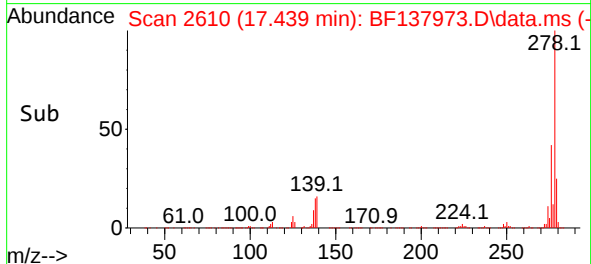
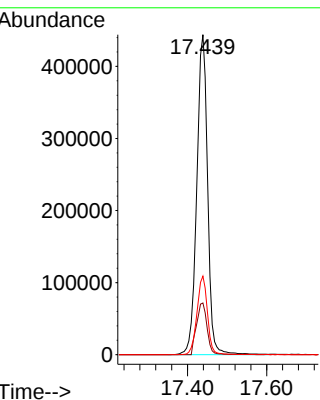
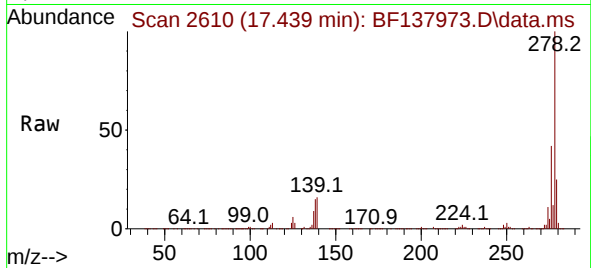
ClientSampleId :

PB160974BS

Tgt Ion:278 Resp: 84332
Ion Ratio Lower Upper
278 100
139 16.2 13.1 19.7
279 24.5 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#92
Benzo(g,h,i)perylene
Concen: 48.956 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:276 Resp: 811915
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 22.6 17.6 26.4

