

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139921.D
 Acq On : 22 Oct 2024 11:34
 Operator : RC/JU
 Sample : PB164071BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164071BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 12:33:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	149304	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	587812	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	331508	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	575136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	270065	20.000	ng	0.00
86) Perylene-d12	15.533	264	308770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1290423	135.304	ng	0.02
7) Phenol-d6	6.516	99	1632917	132.196	ng	0.00
23) Nitrobenzene-d5	7.451	82	1048438	98.855	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	477449	153.975	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1870948	93.274	ng	0.00
79) Terphenyl-d14	12.998	244	1871355	112.911	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	177304	39.873	ng	97
3) Pyridine	3.516	79	473207	42.933	ng	97
4) n-Nitrosodimethylamine	3.469	42	270927	45.750	ng	97
6) Aniline	6.551	93	491179	42.667	ng	99
8) 2-Chlorophenol	6.675	128	501185	51.404	ng	98
9) Benzaldehyde	6.440	77	134436	19.347	ng	97
10) Phenol	6.528	94	625472m	49.116	ng	
11) bis(2-Chloroethyl)ether	6.628	93	485844	49.360	ng	99
12) 1,3-Dichlorobenzene	6.834	146	530272	47.379	ng	99
13) 1,4-Dichlorobenzene	6.910	146	532834	47.652	ng	99
14) 1,2-Dichlorobenzene	7.063	146	518464	49.681	ng	98
15) Benzyl Alcohol	7.028	79	465275	51.350	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	822320	48.996	ng	99
17) 2-Methylphenol	7.140	107	419820	50.497	ng	99
18) Hexachloroethane	7.404	117	194948	48.891	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	366243	48.887	ng	98
20) 3+4-Methylphenols	7.293	107	514385	48.372	ng	# 82
22) Acetophenone	7.298	105	685459	47.610	ng	99
24) Nitrobenzene	7.475	77	547965	47.124	ng	99
25) Isophorone	7.710	82	1001892	49.772	ng	100
26) 2-Nitrophenol	7.787	139	253829	57.863	ng	96
27) 2,4-Dimethylphenol	7.822	122	420514	57.489	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	590169	48.390	ng	99
29) 2,4-Dichlorophenol	8.028	162	418284	50.204	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	436154	47.310	ng	100
31) Naphthalene	8.198	128	1448505	47.780	ng	100
32) Benzoic acid	7.934	122	317086	49.701	ng	97
33) 4-Chloroaniline	8.239	127	206568	19.983	ng	98
34) Hexachlorobutadiene	8.310	225	279670	48.282	ng	99
35) Caprolactam	8.610	113	135266m	51.060	ng	
36) 4-Chloro-3-methylphenol	8.716	107	456067	49.435	ng	98
37) 2-Methylnaphthalene	8.887	142	915743	49.322	ng	100
38) 1-Methylnaphthalene	8.986	142	855292	46.953	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	423930	47.401	ng	99
41) Hexachlorocyclopentadiene	9.039	237	581876	186.982	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	322394	50.915	ng	99

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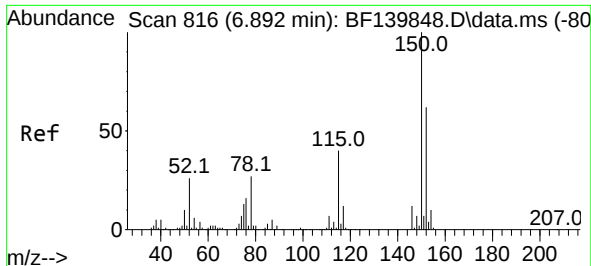
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 Response via : Initial Calibration

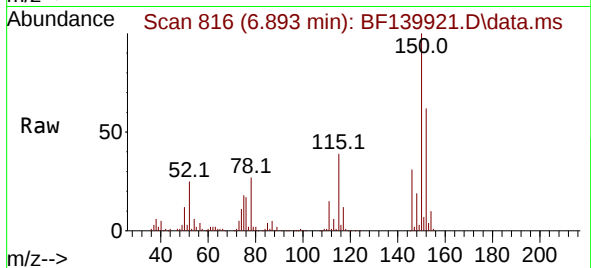
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	319753	48.945	ng	99
46) 1,1'-Biphenyl	9.351	154	1106952	47.966	ng	100
47) 2-Chloronaphthalene	9.375	162	875802	47.119	ng	99
48) 2-Nitroaniline	9.469	65	302215	53.162	ng	93
49) Acenaphthylene	9.792	152	1377936	51.279	ng	99
50) Dimethylphthalate	9.651	163	1034021	50.076	ng	99
51) 2,6-Dinitrotoluene	9.710	165	230480	51.551	ng	98
52) Acenaphthene	9.963	154	953212	54.836	ng	100
53) 3-Nitroaniline	9.875	138	146340	31.740	ng	97
54) 2,4-Dinitrophenol	9.986	184	242958	126.649	ng	# 1
55) Dibenzofuran	10.139	168	1209353	48.489	ng	99
56) 4-Nitrophenol	10.034	139	387313	109.189	ng	99
57) 2,4-Dinitrotoluene	10.116	165	310673	56.506	ng	98
58) Fluorene	10.481	166	917608	48.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	270120	52.745	ng	98
60) Diethylphthalate	10.351	149	996554	49.154	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	466085	48.585	ng	99
62) 4-Nitroaniline	10.492	138	223547	51.337	ng	97
63) Azobenzene	10.633	77	1028607	47.856	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	165731	70.645	ng	93
66) n-Nitrosodiphenylamine	10.592	169	862616	50.112	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	302738	51.095	ng	95
68) Hexachlorobenzene	11.028	284	336457	50.492	ng	97
69) Atrazine	11.116	200	272149	58.364	ng	100
70) Pentachlorophenol	11.216	266	416766	103.053	ng	99
71) Phenanthrene	11.445	178	1360228	50.069	ng	99
72) Anthracene	11.492	178	1383255	52.186	ng	100
73) Carbazole	11.645	167	1198727	48.627	ng	99
74) Di-n-butylphthalate	11.975	149	1403424	49.276	ng	100
75) Fluoranthene	12.627	202	1340657	48.816	ng	100
77) Benzidine	12.745	184	237429	53.466	ng	98
78) Pyrene	12.857	202	1346251	56.949	ng	100
80) Butylbenzylphthalate	13.474	149	405724	57.247	ng	99
81) Benzo(a)anthracene	14.045	228	931291	52.973	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	177259	34.582	ng	97
83) Chrysene	14.080	228	858190	53.241	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	478944	60.233	ng	100
85) Di-n-octyl phthalate	14.645	149	883366	61.078	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1186119	59.712	ng	98
88) Benzo(b)fluoranthene	15.098	252	963492	51.225	ng	99
89) Benzo(k)fluoranthene	15.127	252	785059	48.397	ng	99
90) Benzo(a)pyrene	15.474	252	866062	55.959	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	969171	58.486	ng	98
92) Benzo(g,h,i)perylene	17.492	276	909062	54.921	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

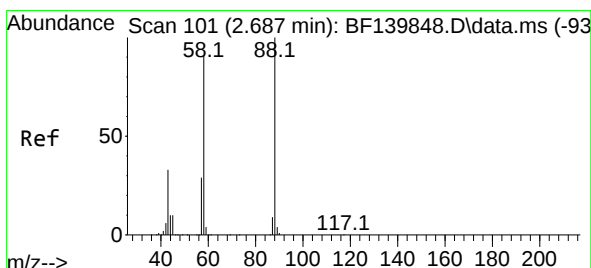
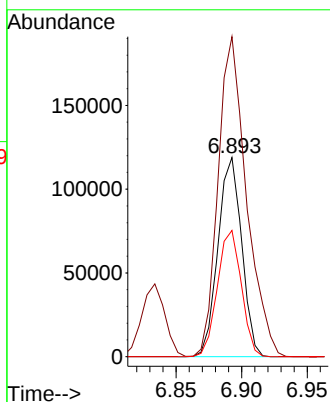
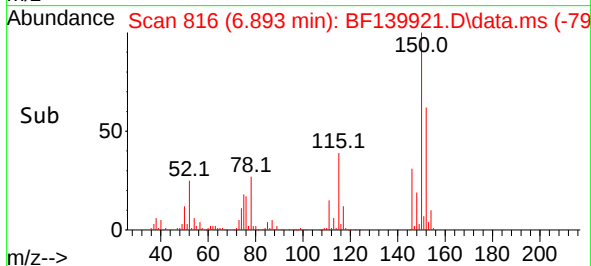
Instrument :
BNA_F
ClientSampleId :
PB164071BS



Tgt Ion:152 Resp: 149304
Ion Ratio Lower Upper
152 100
150 160.7 130.2 195.2
115 63.4 51.4 77.2

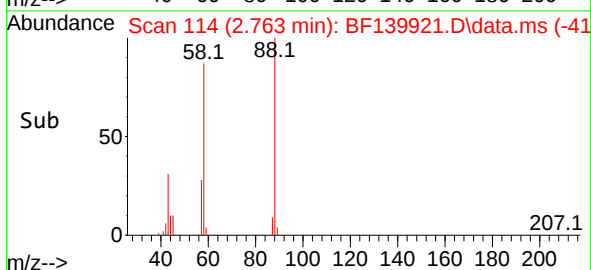
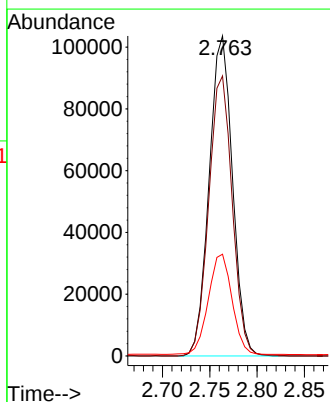
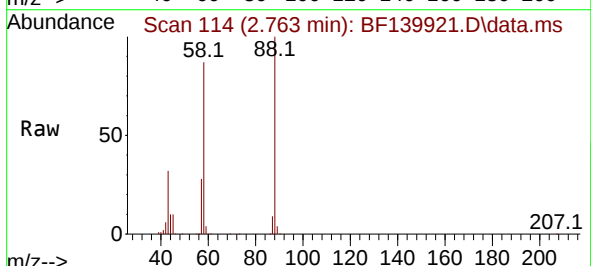
Manual Integrations
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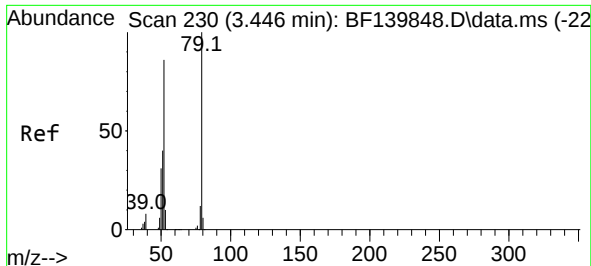
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#2
1,4-Dioxane
Concen: 39.873 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.077 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion: 88 Resp: 177304
Ion Ratio Lower Upper
88 100
58 88.3 73.3 109.9
43 32.1 27.1 40.7





#3

Pyridine

Concen: 42.933 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF139921.D

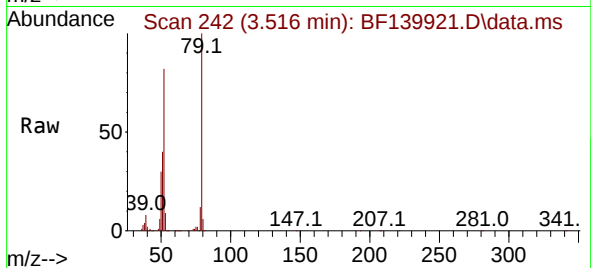
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

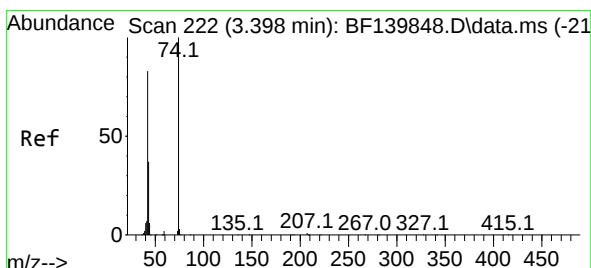
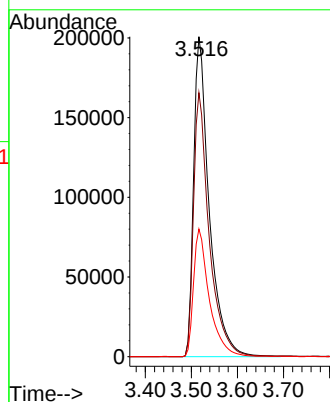
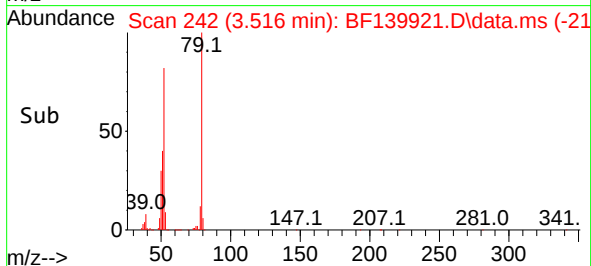


Tgt Ion:	79	Resp:	47320
Ion Ratio	100	Lower	Upper
79	100		
52	82.5	68.5	102.7
51	39.9	32.3	48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 45.750 ng

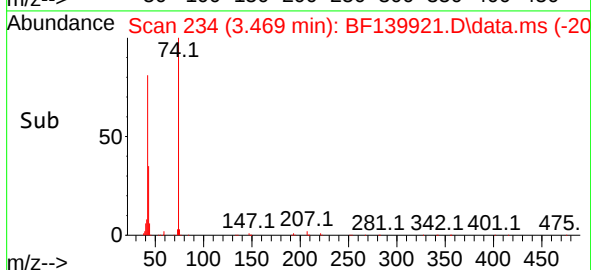
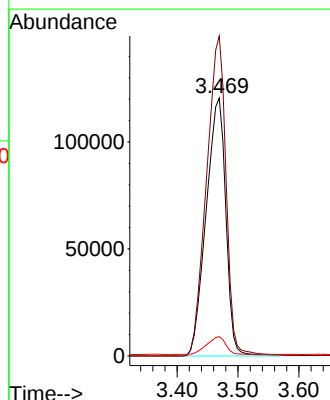
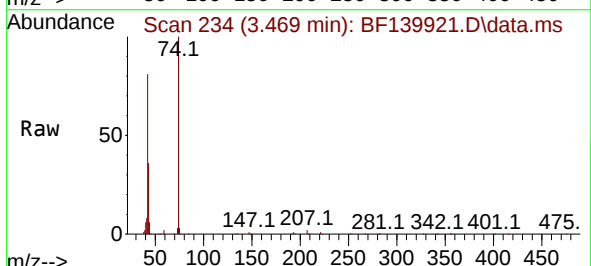
RT: 3.469 min Scan# 234

Delta R.T. 0.071 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Tgt Ion:	42	Resp:	270927
Ion Ratio	100	Lower	Upper
42	100		
74	124.1	96.2	144.4
44	7.5	6.2	9.2





#5
2-Fluorophenol
Concen: 135.304 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

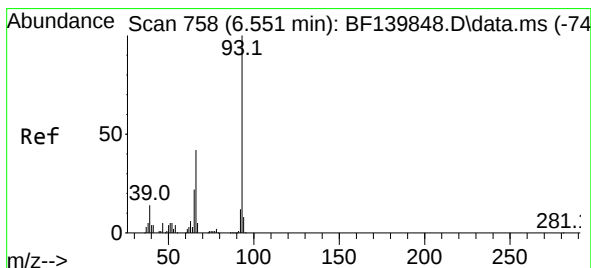
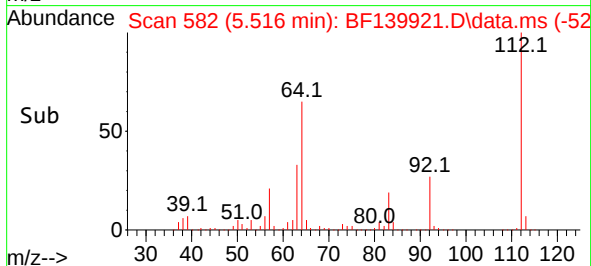
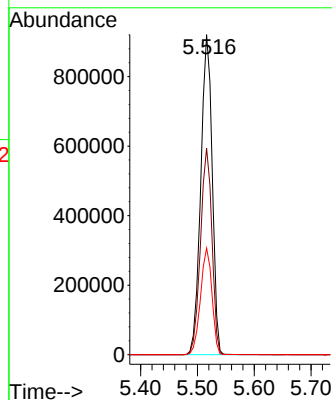
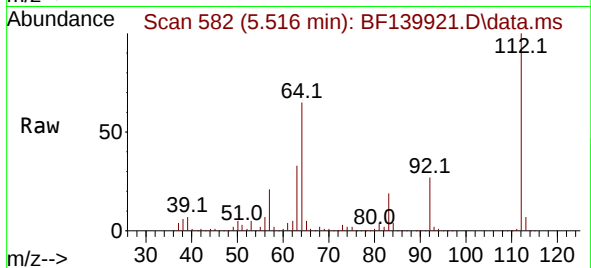
PB164071BS

Tgt Ion:112 Resp: 129042
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.3 27.0 40.4

Manual Integrations

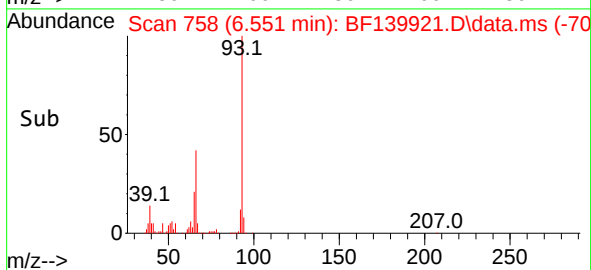
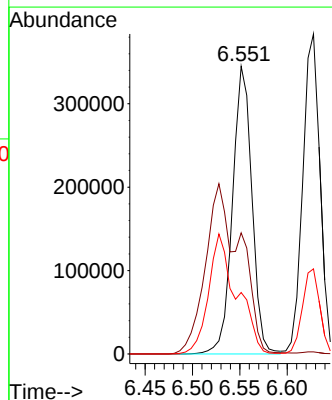
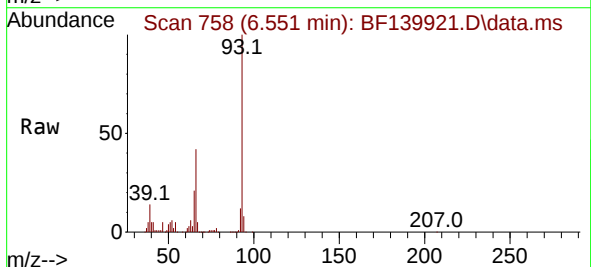
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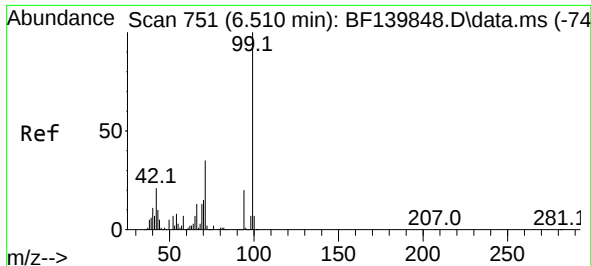
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#6
Aniline
Concen: 42.667 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

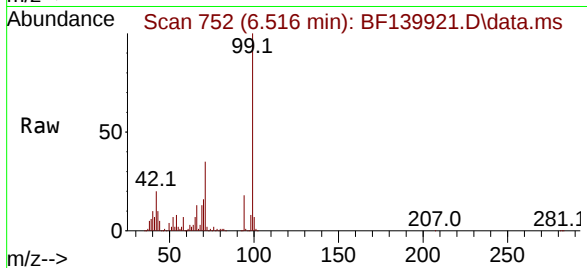
Tgt Ion: 93 Resp: 491179
Ion Ratio Lower Upper
93 100
66 42.1 34.0 51.0
65 21.3 17.4 26.0





#7
Phenol-d6
Concen: 132.196 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

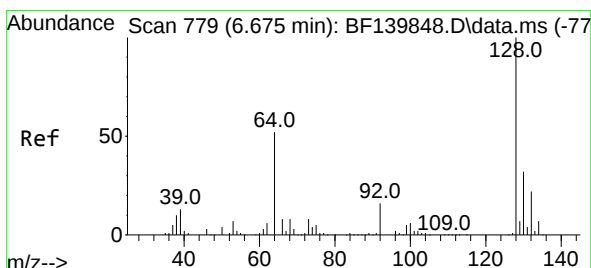
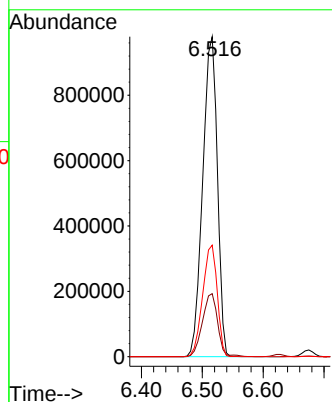
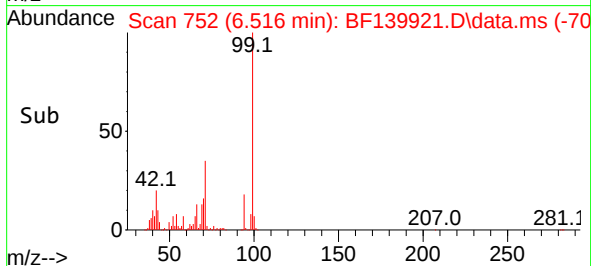
Instrument :
BNA_F
ClientSampleId :
PB164071BS



Tgt Ion: 99 Resp: 163291
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 34.9 27.7 41.5

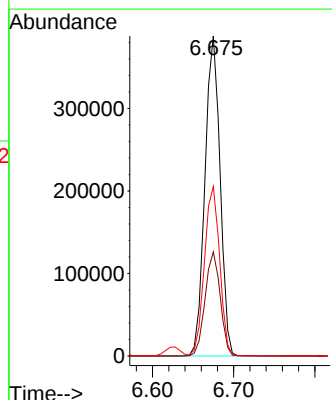
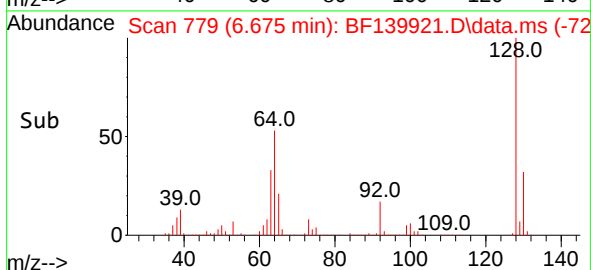
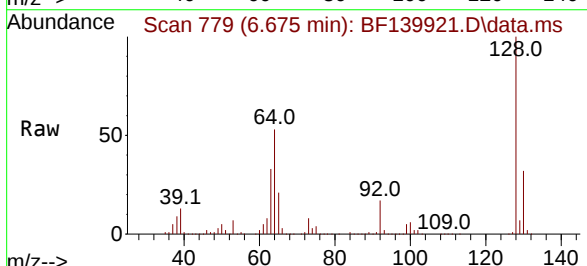
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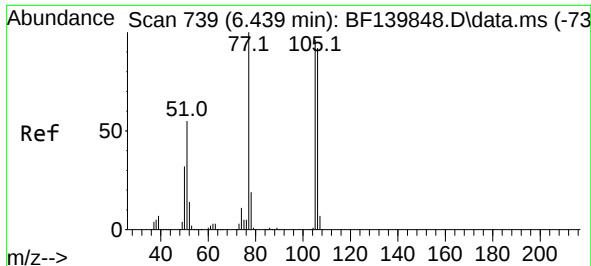
Reviewed By :Jagrut Upadhyay 10/23/2024
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#8
2-Chlorophenol
Concen: 51.404 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

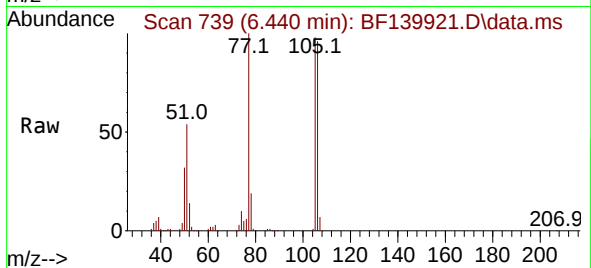
Tgt Ion:128 Resp: 501185
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 53.0 34.6 74.6





#9
Benzaldehyde
Concen: 19.347 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

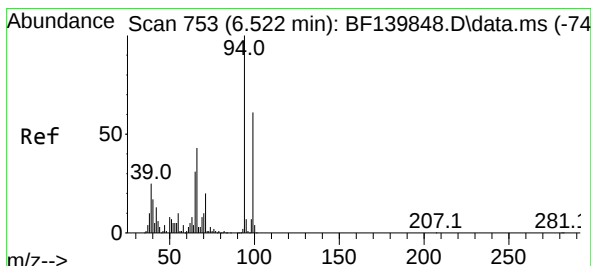
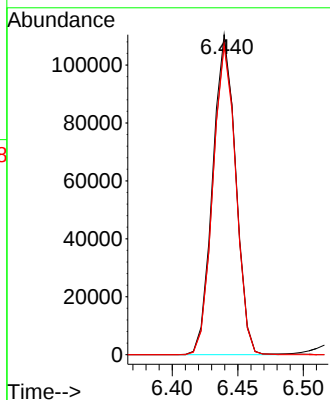
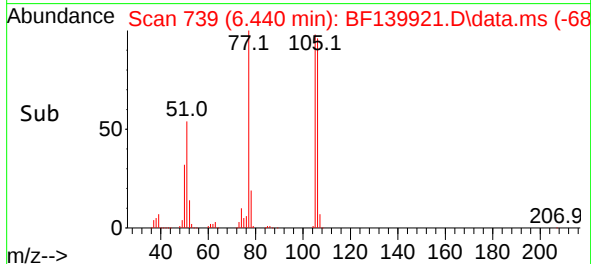
Instrument :
BNA_F
ClientSampleId :
PB164071BS



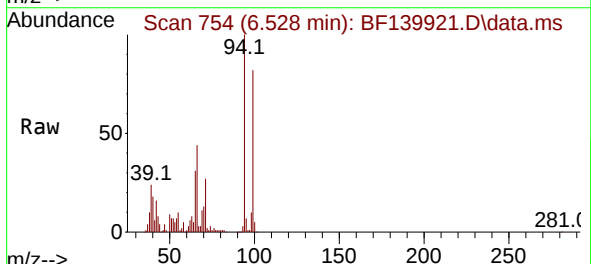
Tgt Ion: 77 Resp: 134436
Ion Ratio Lower Upper
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105 97.5 75.5 115.5
106 96.4 71.7 111.7

Manual Integrations
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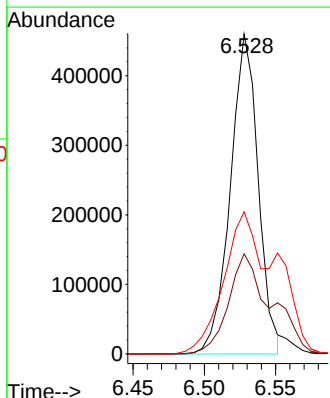
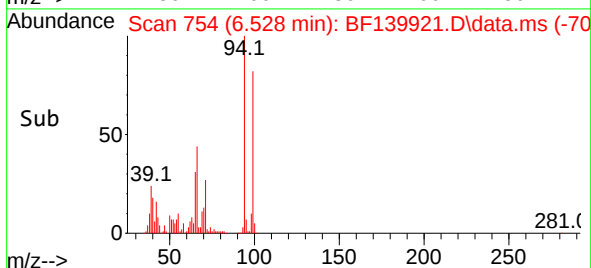
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#10
Phenol
Concen: 49.116 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



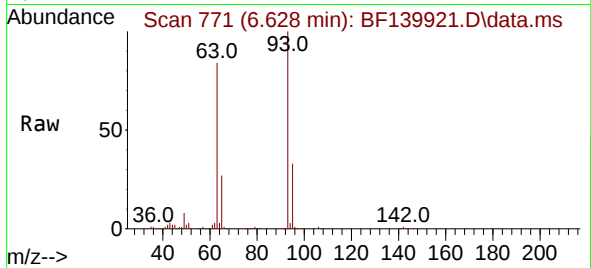
Tgt Ion: 94 Resp: 625472
Ion Ratio Lower Upper
94 100
65 31.3 11.1 51.1
66 44.4 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 49.360 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

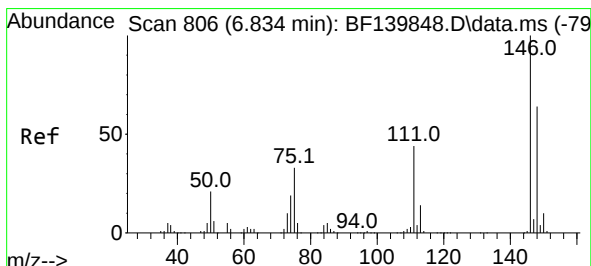
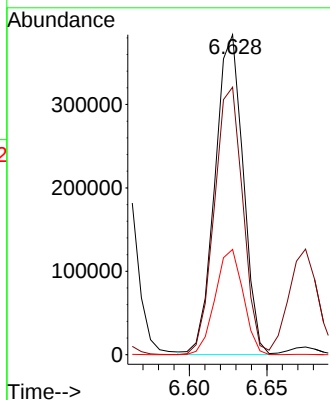
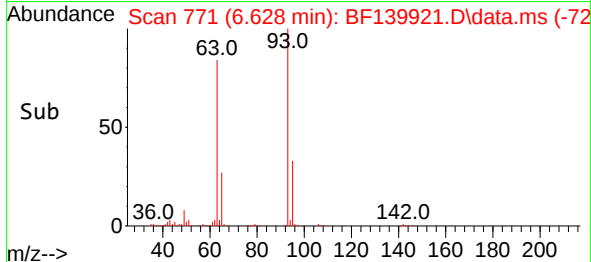
Instrument :
BNA_F
ClientSampleId :
PB164071BS



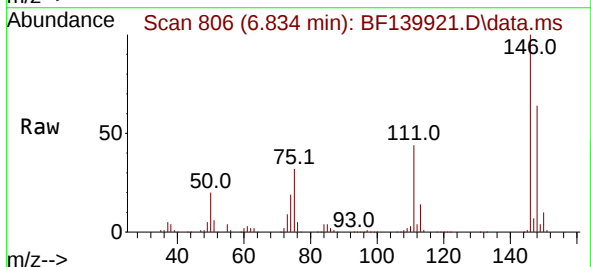
Tgt Ion: 93 Resp: 48584
Ion Ratio Lower Upper
93 100
63 83.6 65.0 105.0
95 32.9 12.4 52.4

Manual Integrations
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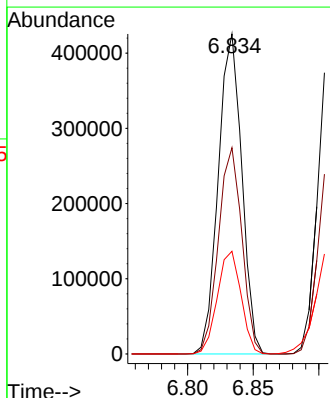
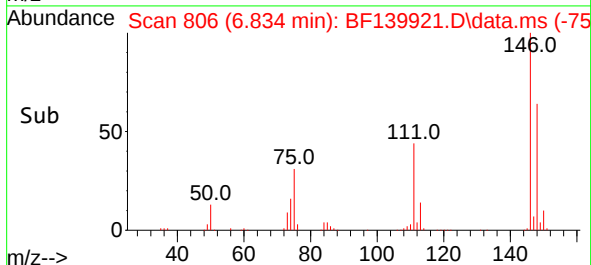
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#12
1,3-Dichlorobenzene
Concen: 47.379 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion:146 Resp: 530272
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.1 26.4 39.6





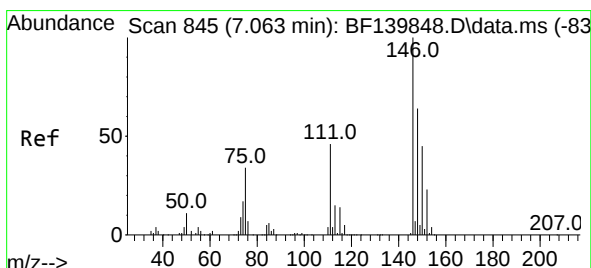
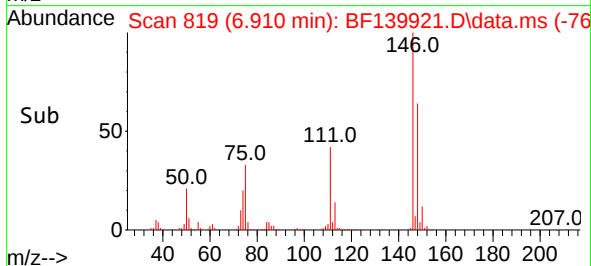
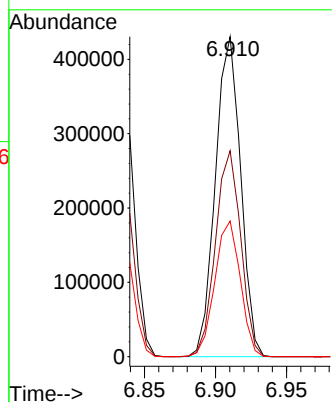
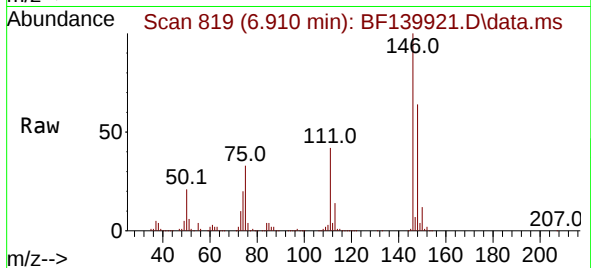
#13
1,4-Dichlorobenzene
Concen: 47.652 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :
BNA_F
ClientSampleId :
PB164071BS

Tgt Ion:146 Resp: 532834
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 42.4 34.6 51.8

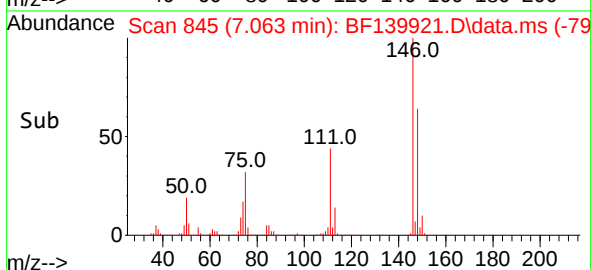
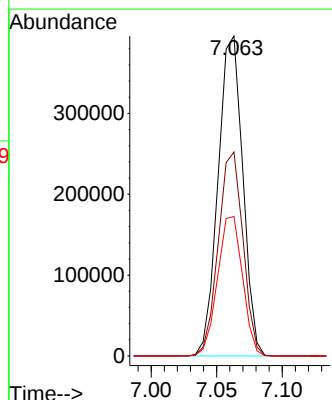
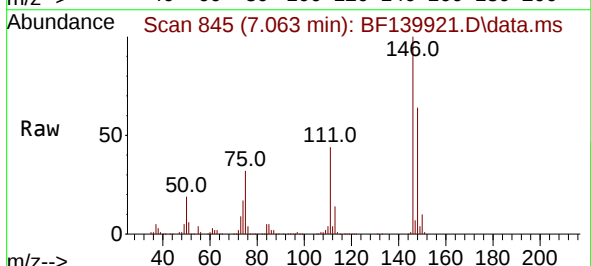
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#14
1,2-Dichlorobenzene
Concen: 49.681 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

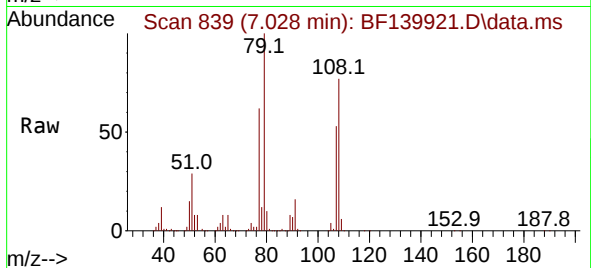
Tgt Ion:146 Resp: 518464
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.6 36.7 55.1





#15
Benzyl Alcohol
Concen: 51.350 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

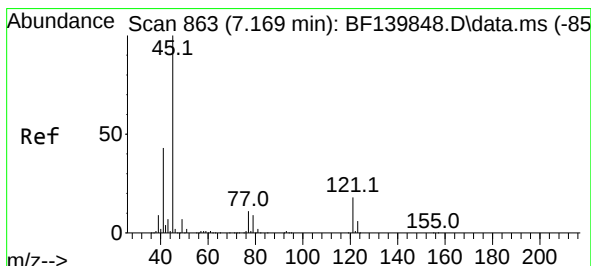
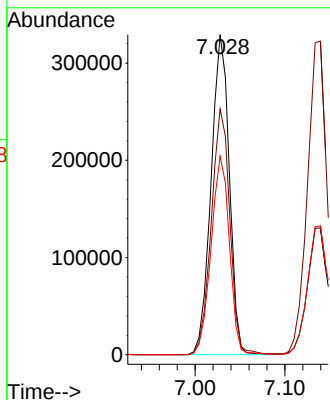
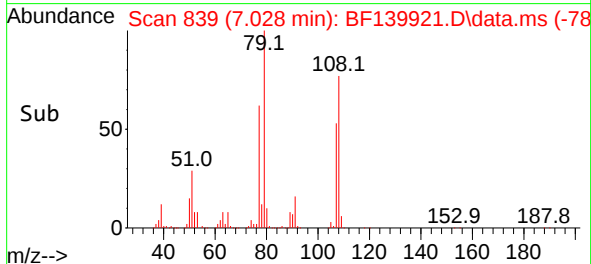
Instrument :
BNA_F
ClientSampleId :
PB164071BS



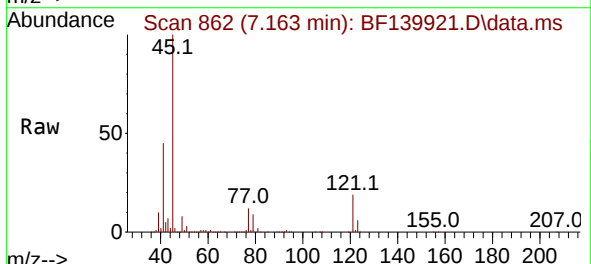
Tgt Ion: 79 Resp: 46527
Ion Ratio Lower Upper
79 100
108 76.8 61.4 92.0
77 62.0 49.9 74.9

Manual Integrations
APPROVED

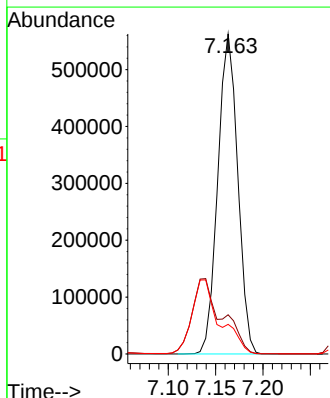
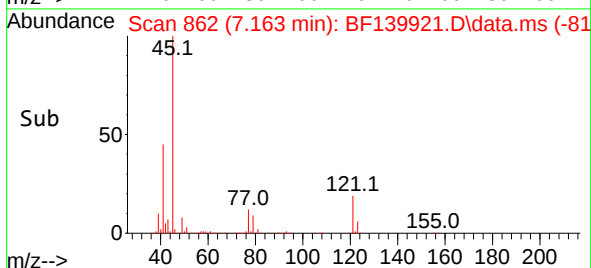
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.996 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion: 45 Resp: 822320
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.5
79 9.3 0.0 29.1





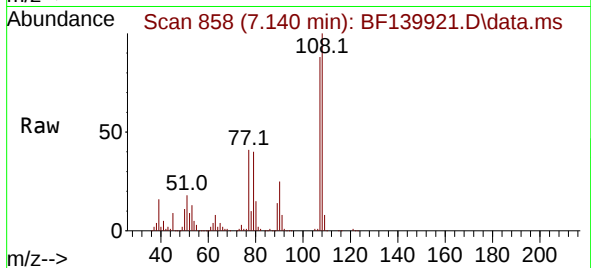
#17
2-Methylphenol
Concen: 50.497 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

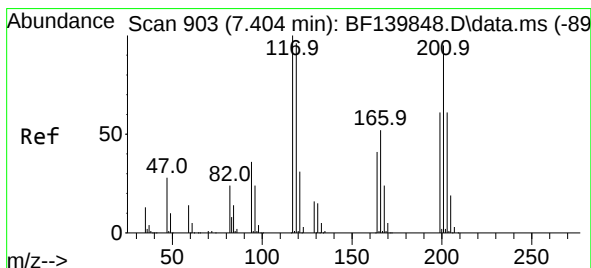
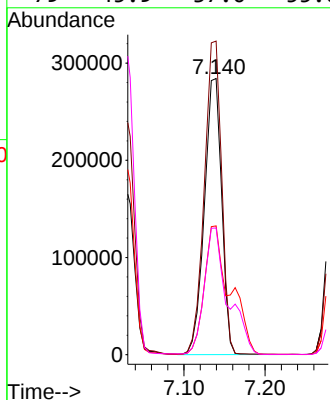
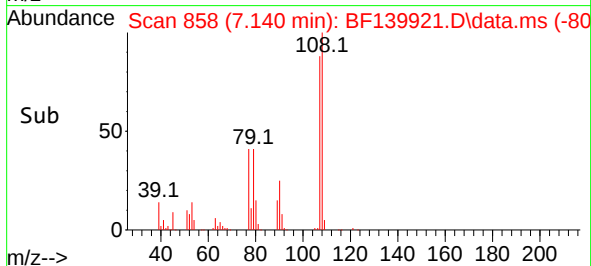


Tgt Ion:107 Resp: 419820
Ion Ratio Lower Upper
107 100
108 113.5 91.3 136.9
77 46.6 37.1 55.7
79 45.9 37.0 55.6

Manual Integrations

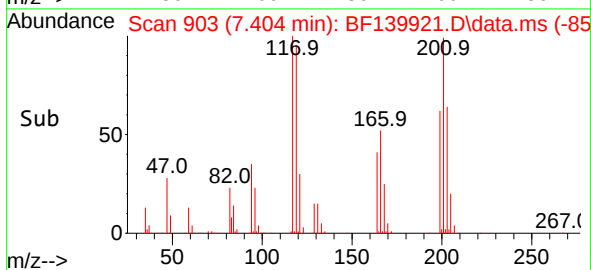
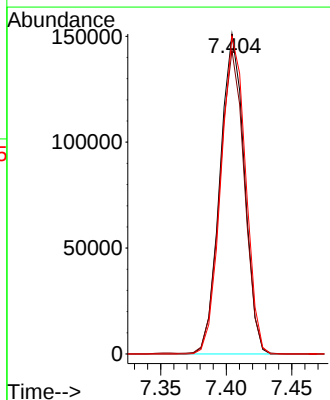
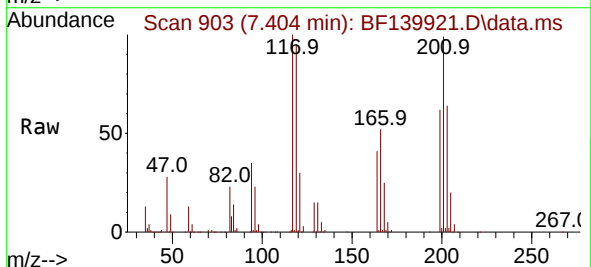
APPROVED

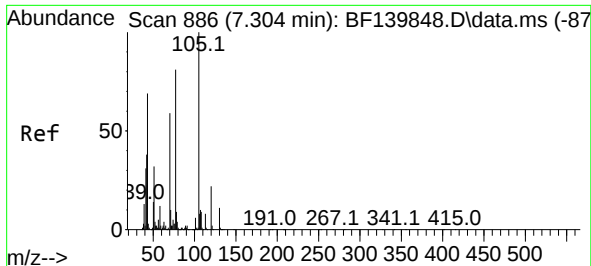
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#18
Hexachloroethane
Concen: 48.891 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:117 Resp: 194948
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4
201 99.2 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.887 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

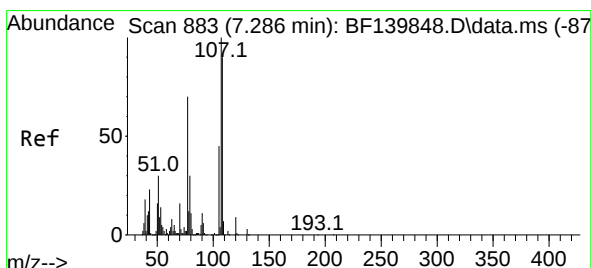
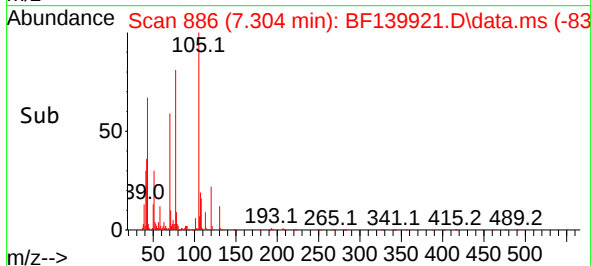
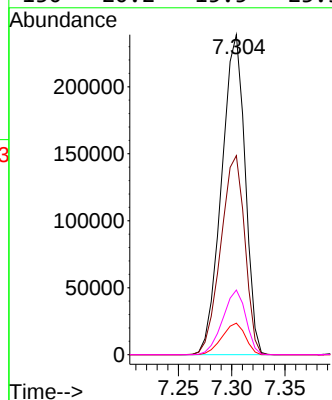
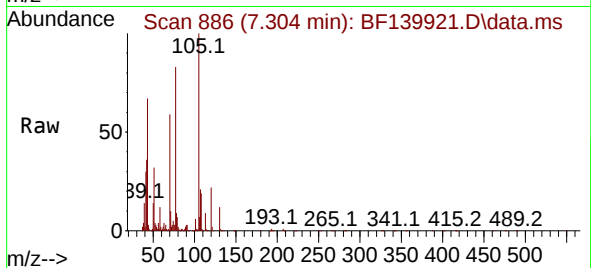
PB164071BS

Tgt Ion: 70 Resp: 36624
Ion Ratio Lower Upper
70 100
42 62.2 51.5 77.3
101 9.8 7.5 11.3
130 20.2 15.5 23.3

Manual Integrations

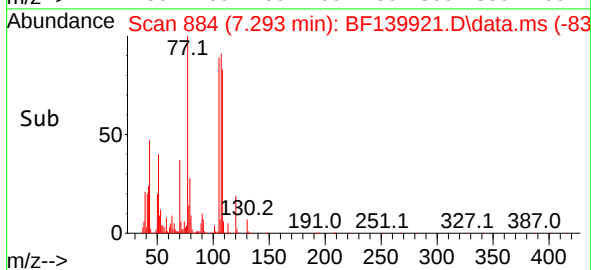
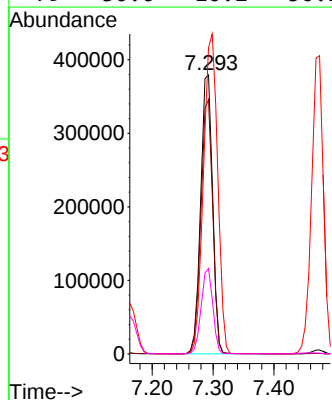
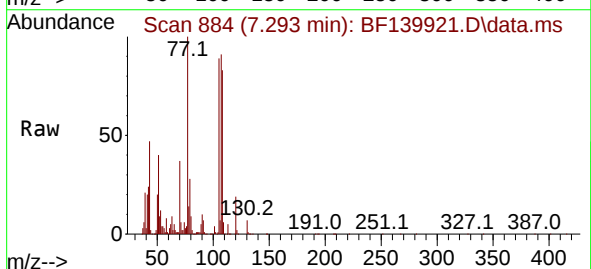
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#20
3+4-Methylphenols
Concen: 48.372 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:107 Resp: 514385
Ion Ratio Lower Upper
107 100
108 91.1 69.8 109.8
77 109.7 50.5 90.5#
79 30.6 10.2 50.2





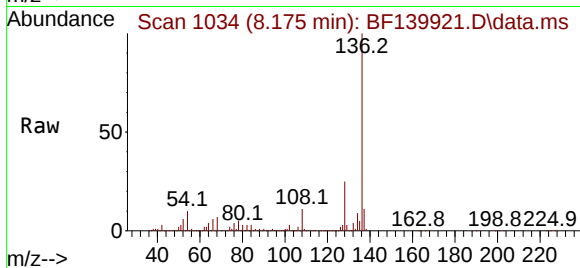
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

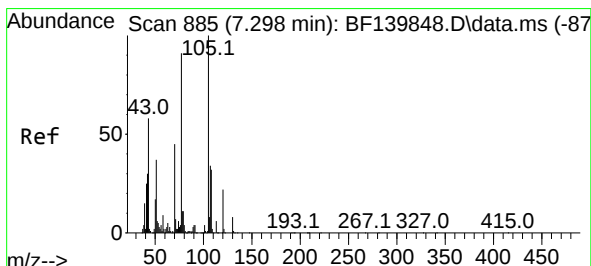
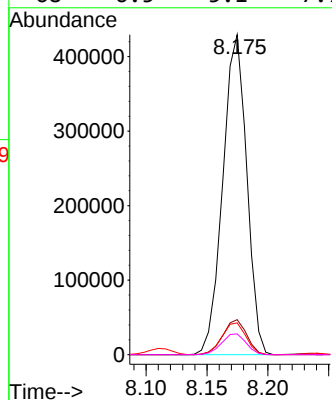
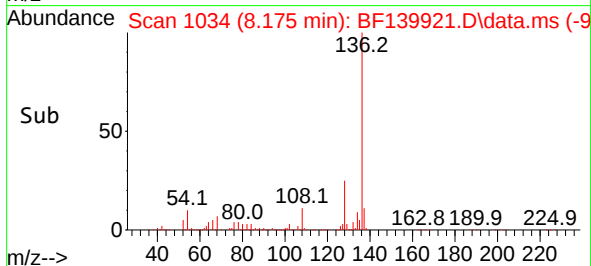


Tgt Ion:136 Resp: 587812
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.9 8.4 12.6
68 6.5 5.1 7.7

Manual Integrations

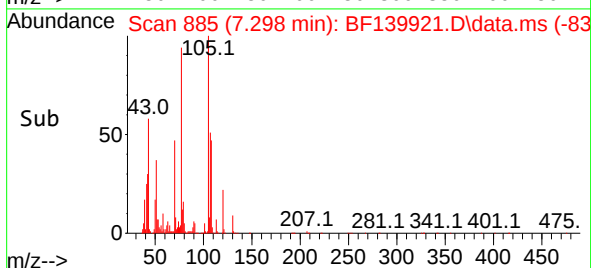
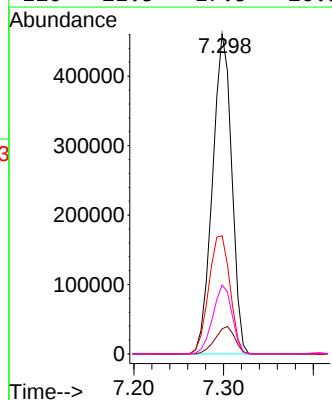
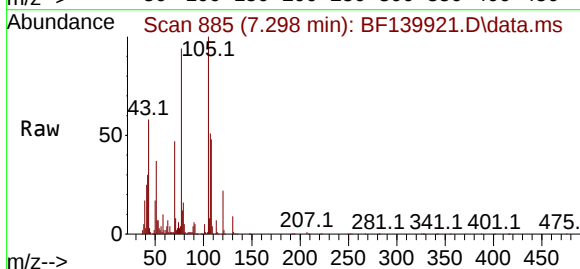
APPROVED

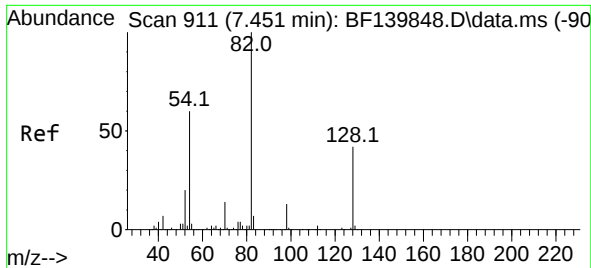
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#22
Acetophenone
Concen: 47.610 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:105 Resp: 685459
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 37.0 29.4 44.2
120 21.5 17.5 26.3





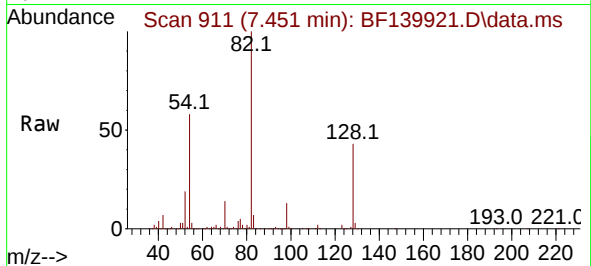
#23
Nitrobenzene-d5
Concen: 98.855 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

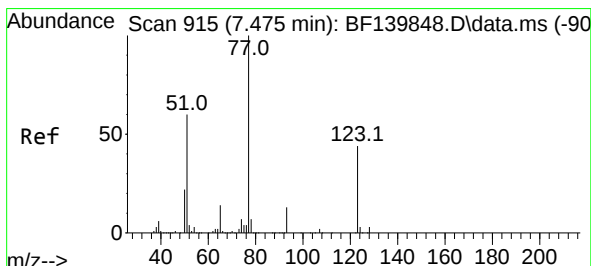
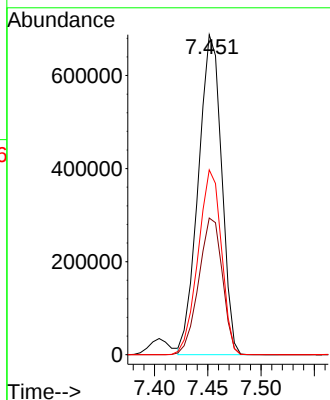
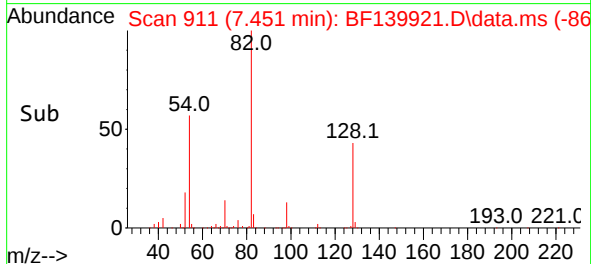


Tgt Ion: 82 Resp: 1048438
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 57.8 47.8 71.8

Manual Integrations

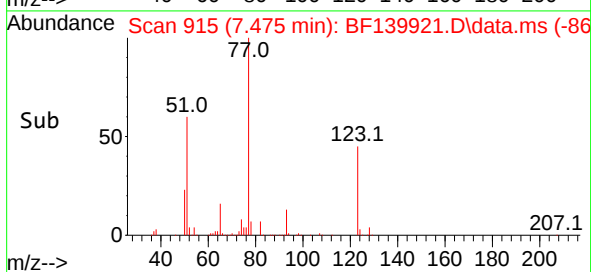
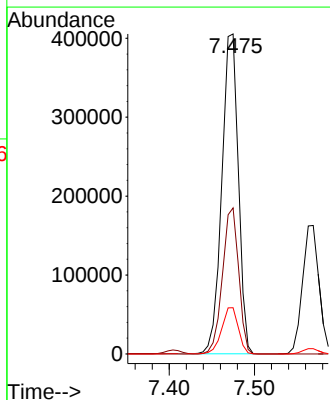
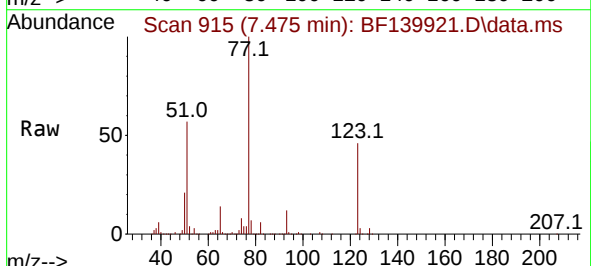
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#24
Nitrobenzene
Concen: 47.124 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

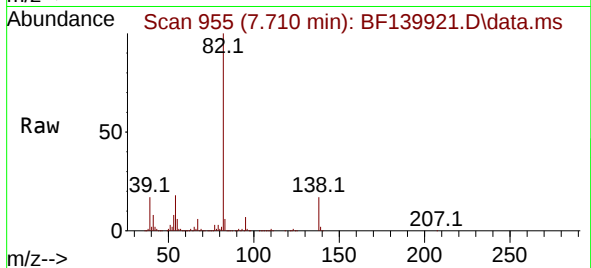
Tgt Ion: 77 Resp: 547965
Ion Ratio Lower Upper
77 100
123 45.7 35.7 53.5
65 14.4 11.5 17.3





#25
Isophorone
Concen: 49.772 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

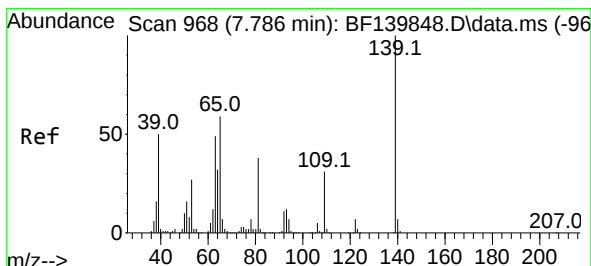
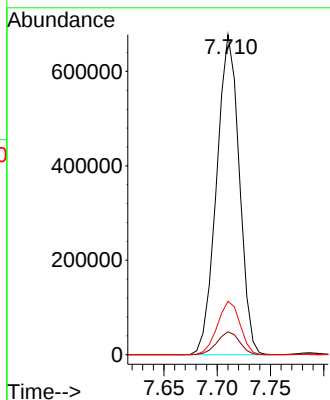
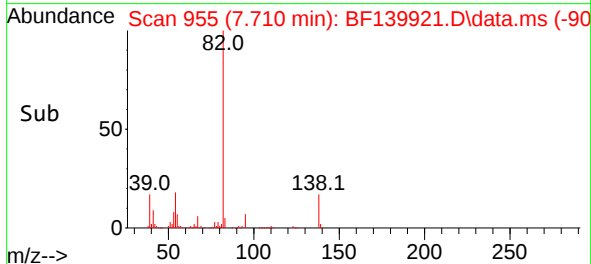
Instrument :
BNA_F
ClientSampleId :
PB164071BS



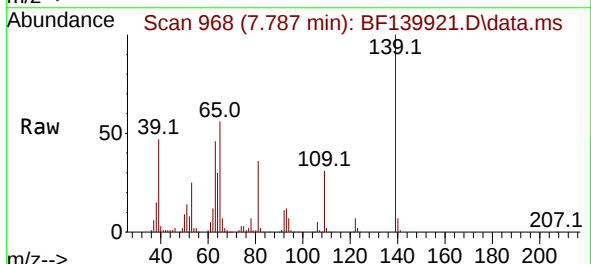
Tgt Ion: 82 Resp: 100189
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.6 13.2 19.8

Manual Integrations
APPROVED

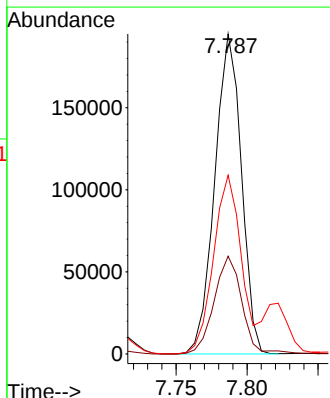
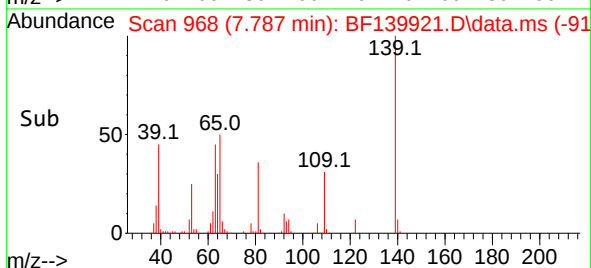
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#26
2-Nitrophenol
Concen: 57.863 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion:139 Resp: 253829
Ion Ratio Lower Upper
139 100
109 30.6 25.1 37.7
65 55.8 47.5 71.3





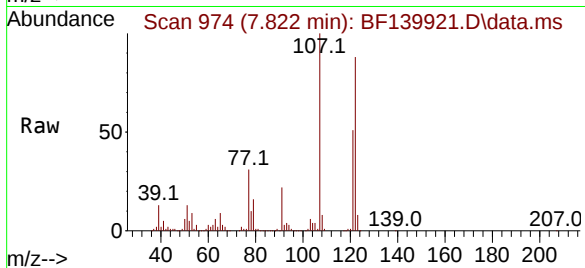
#27
2,4-Dimethylphenol
Concen: 57.489 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

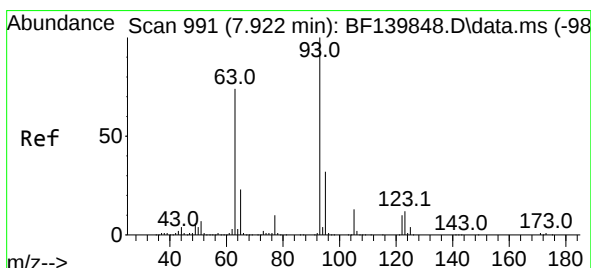
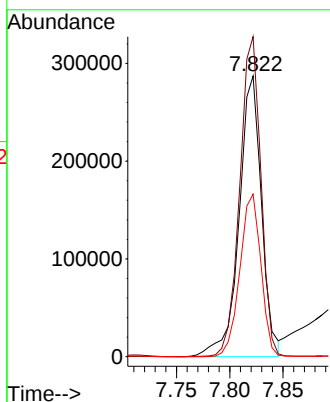
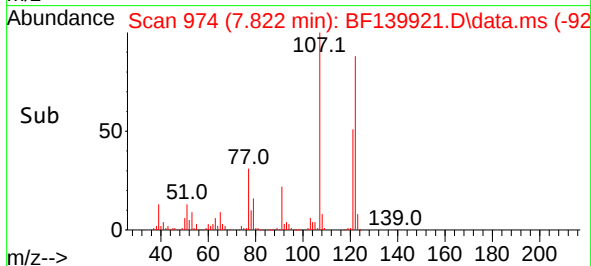


Tgt Ion:122 Resp: 420514
Ion Ratio Lower Upper
122 100
107 114.0 91.9 137.9
121 57.9 46.2 69.4

Manual Integrations

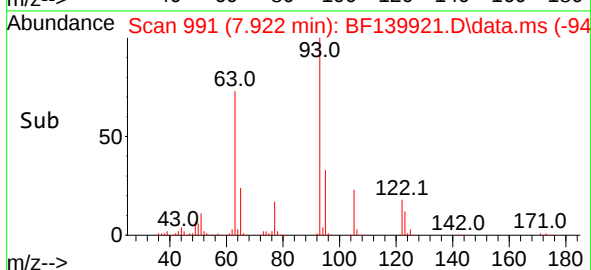
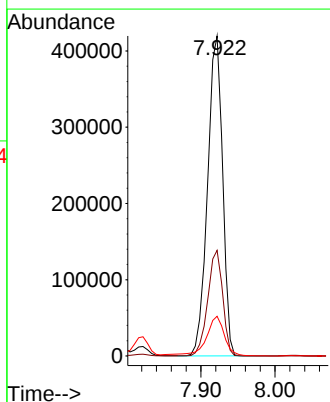
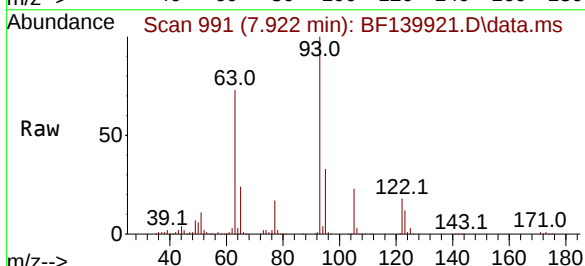
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.390 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion: 93 Resp: 590169
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 12.4 9.8 14.8





#29
2,4-Dichlorophenol
Concen: 50.204 ng
RT: 8.028 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

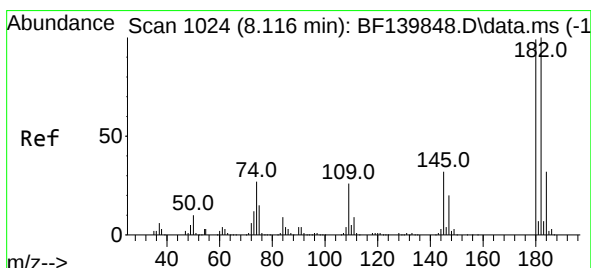
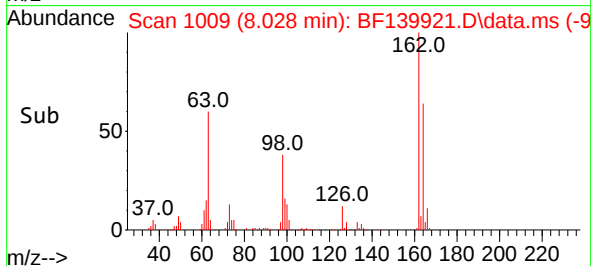
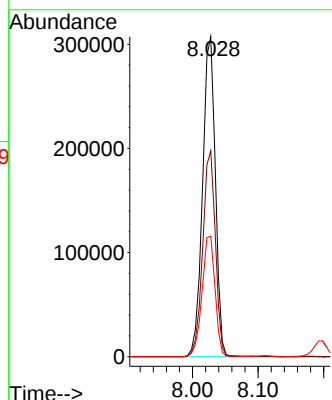
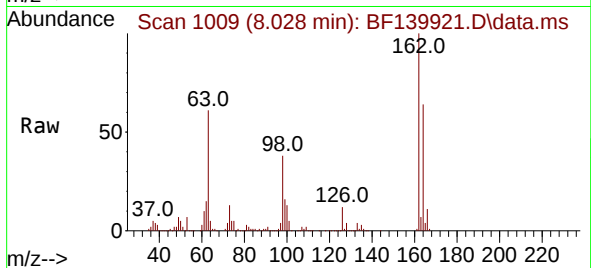
PB164071BS

Tgt Ion:162 Resp: 418284
Ion Ratio Lower Upper
162 100
164 64.3 43.9 83.9
98 37.7 19.9 59.9

Manual Integrations

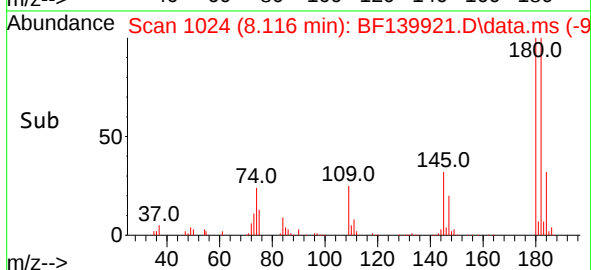
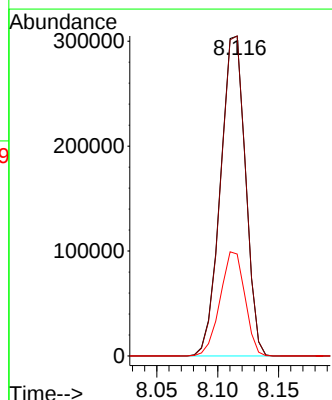
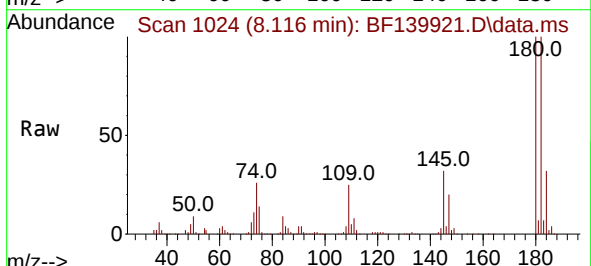
APPROVED

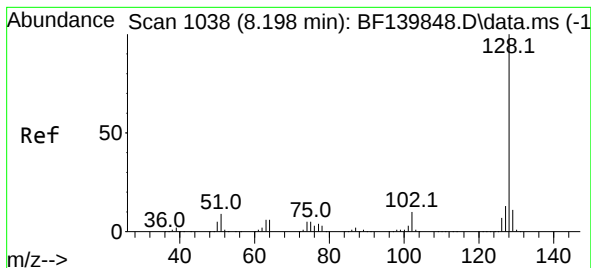
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.310 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:180 Resp: 436154
Ion Ratio Lower Upper
180 100
182 100.1 80.5 120.7
145 31.9 25.4 38.0





#31

Naphthalene

Concen: 47.780 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:128 Resp: 144850

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

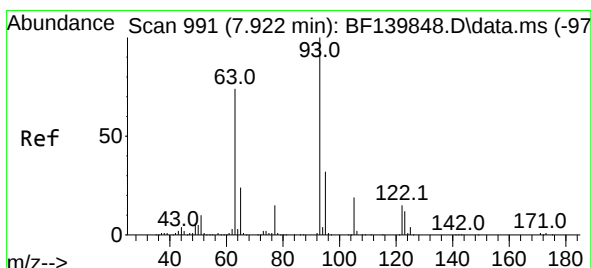
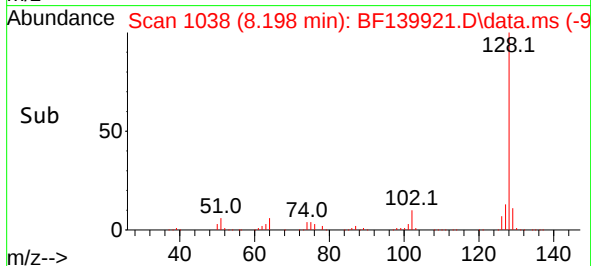
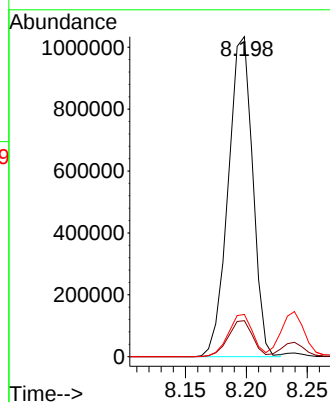
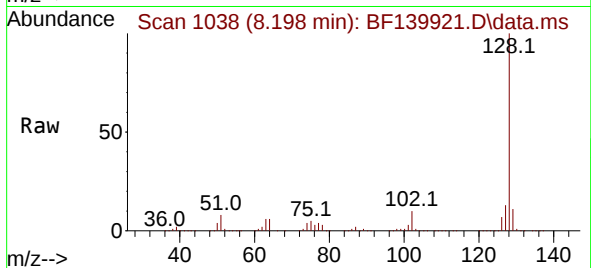
127 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024

Supervised By :mohammad ahmed 10/24/2024



#32

Benzoic acid

Concen: 49.701 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.012 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

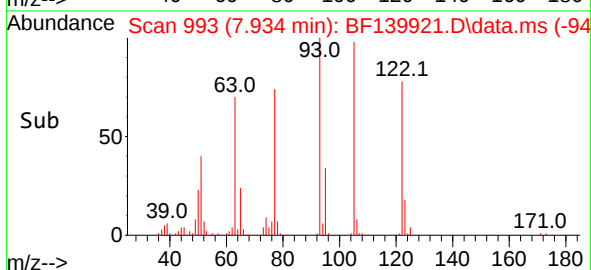
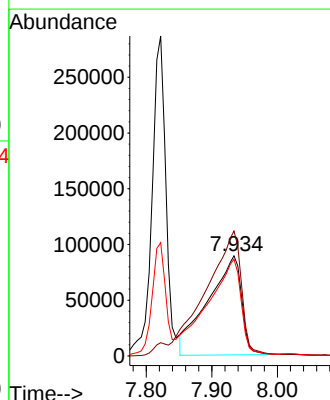
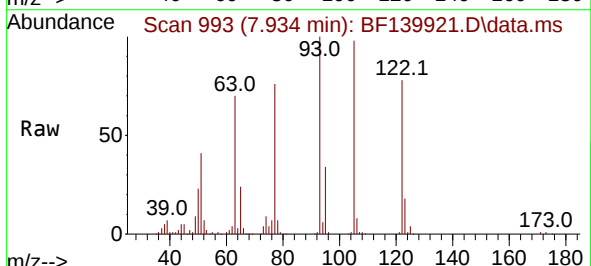
Tgt Ion:122 Resp: 317086

Ion Ratio Lower Upper

122 100

105 124.9 107.6 147.6

77 96.6 80.2 120.2





#33
4-Chloroaniline
Concen: 19.983 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

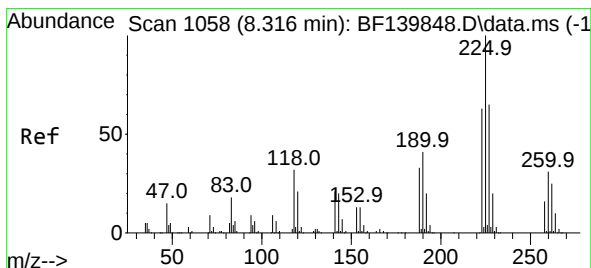
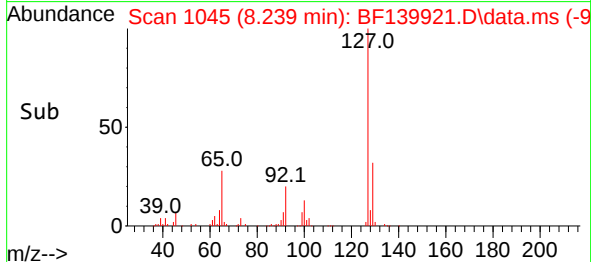
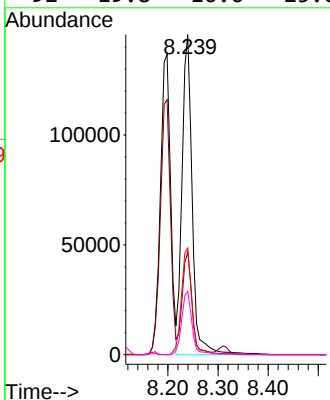
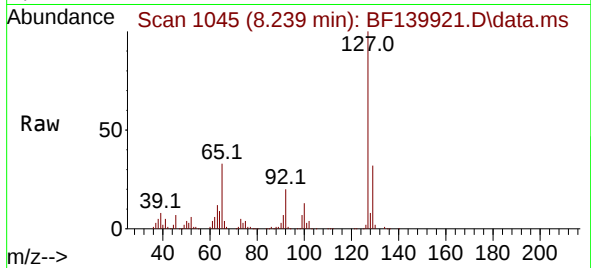
PB164071BS

Tgt Ion:127 Resp: 206568
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.2
65 33.4 28.4 42.6
92 19.8 16.6 25.0

Manual Integrations

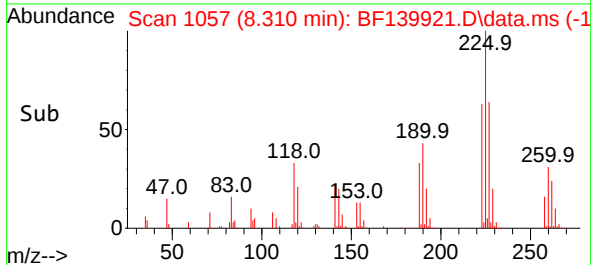
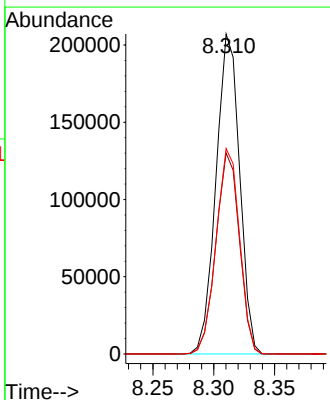
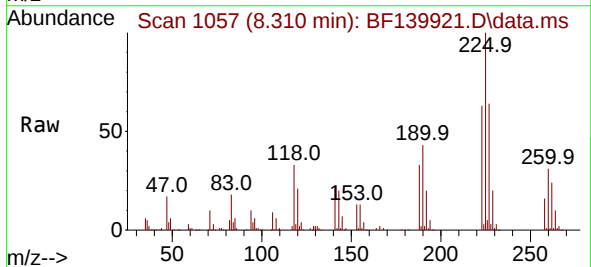
APPROVED

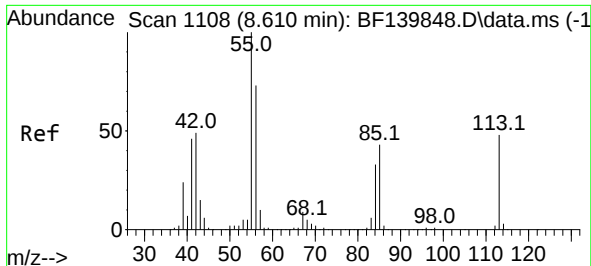
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#34
Hexachlorobutadiene
Concen: 48.282 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

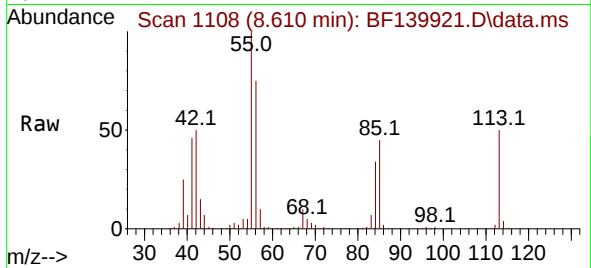
Tgt Ion:225 Resp: 279670
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 64.2 51.8 77.8





#35
Caprolactam
Concen: 51.060 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

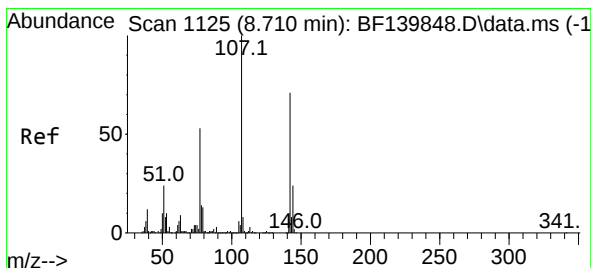
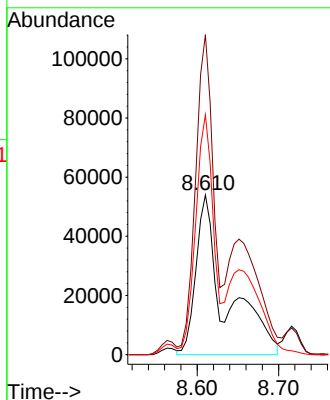
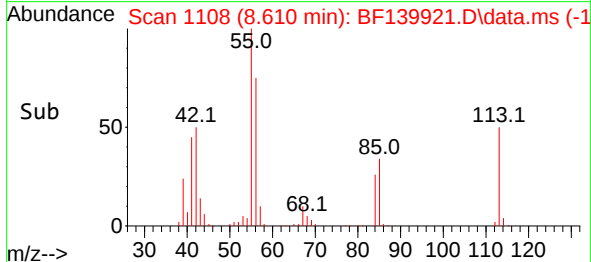
Instrument :
BNA_F
ClientSampleId :
PB164071BS



Tgt Ion:113 Resp: 135260
Ion Ratio Lower Upper
113 100
55 200.4 189.2 229.2
56 150.2 132.5 172.5

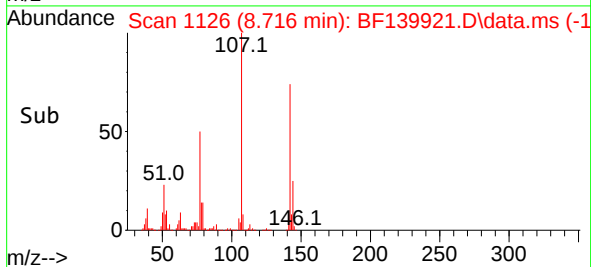
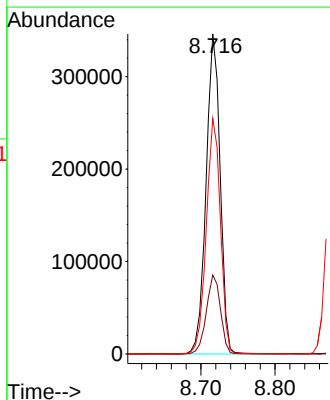
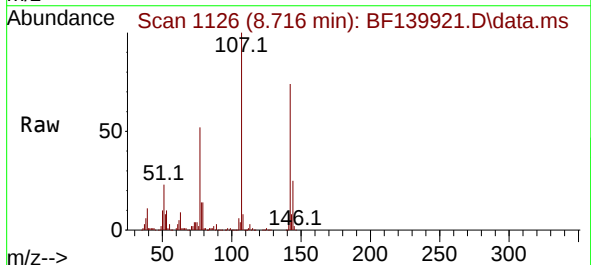
Manual Integrations
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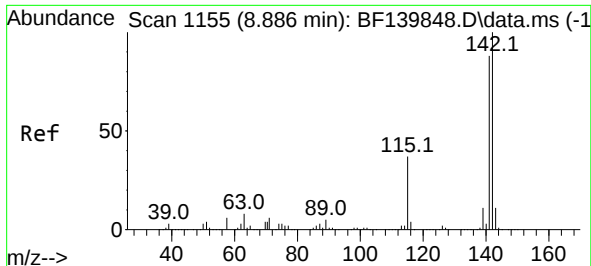
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#36
4-Chloro-3-methylphenol
Concen: 49.435 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:107 Resp: 456067
Ion Ratio Lower Upper
107 100
144 24.6 19.1 28.7
142 73.6 57.2 85.8





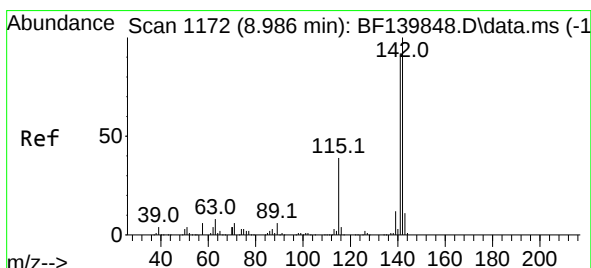
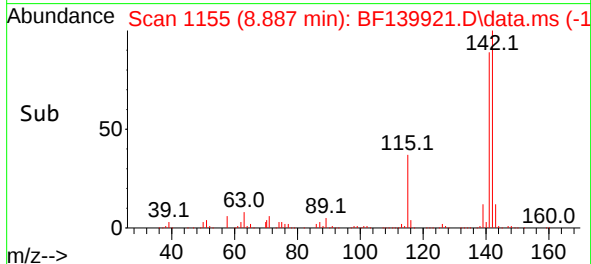
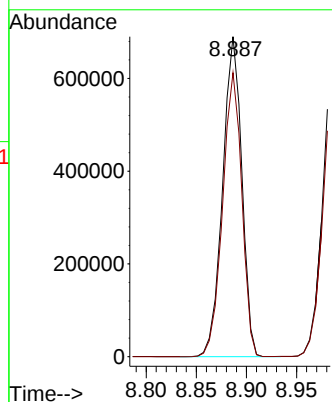
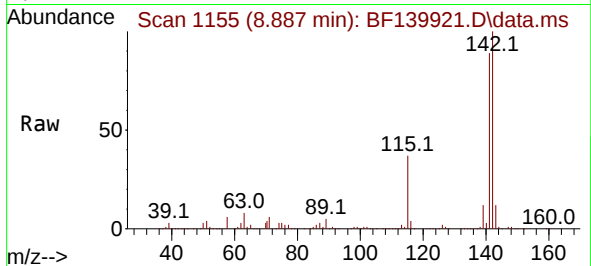
#37
2-Methylnaphthalene
Concen: 49.322 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :
BNA_F
ClientSampleId :
PB164071BS

Tgt Ion:142 Resp: 91574
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2

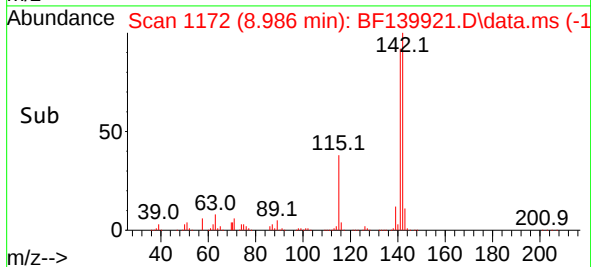
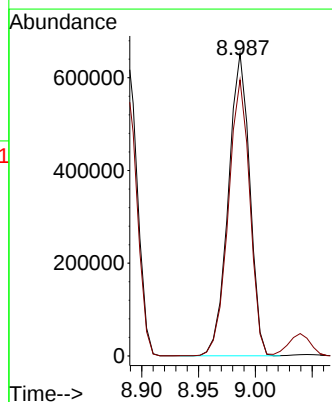
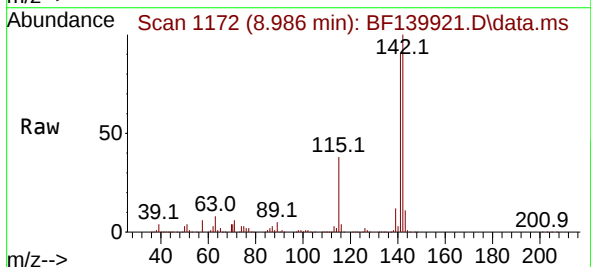
Manual Integrations
APPROVED

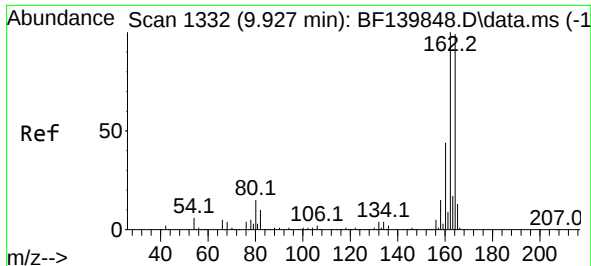
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#38
1-Methylnaphthalene
Concen: 46.953 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:142 Resp: 855292
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3





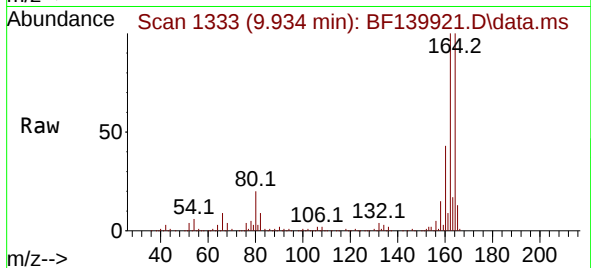
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1133
Delta R.T. 0.007 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

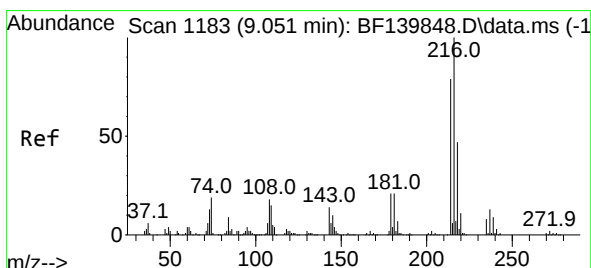
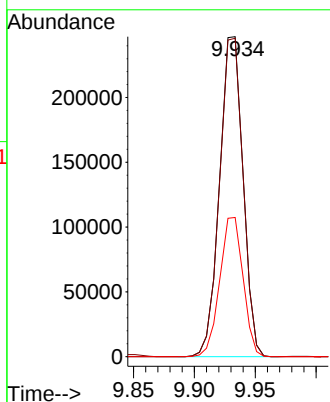
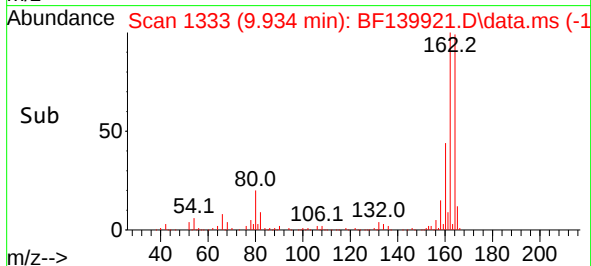


Tgt Ion:164 Resp: 331508
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 43.5 35.4 53.0

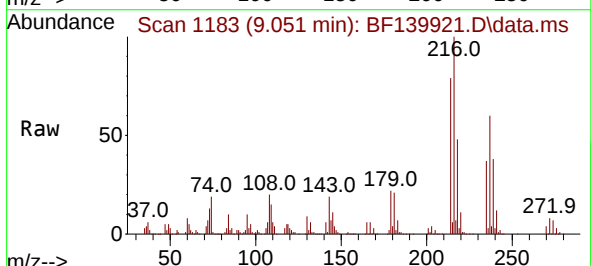
Manual Integrations

APPROVED

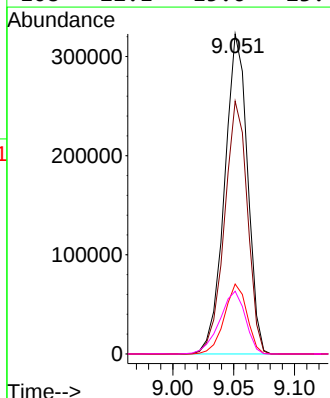
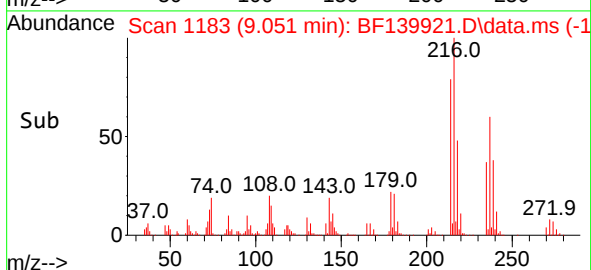
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

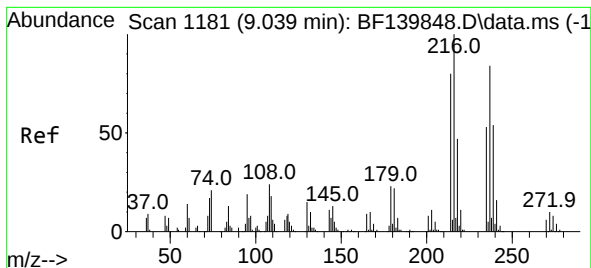


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.401 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion:216 Resp: 423930
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 21.5 17.2 25.8
108 22.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 186.982 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:237 Resp: 581870

Ion Ratio Lower Upper

237 100

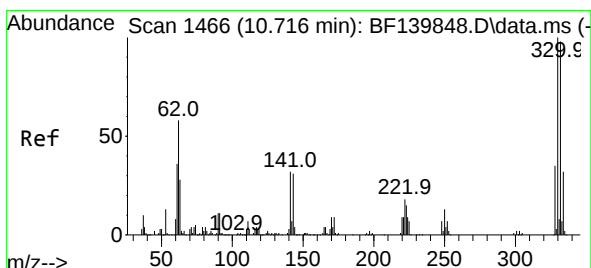
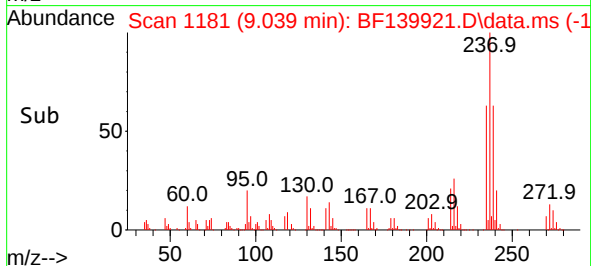
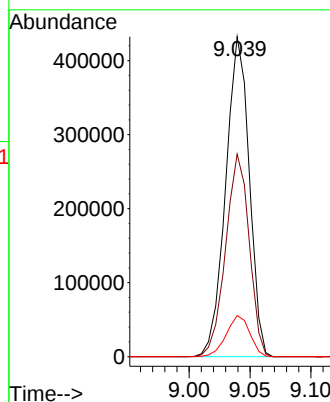
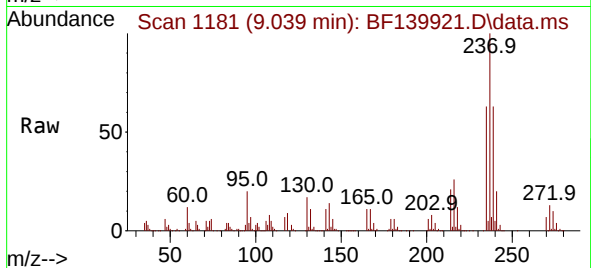
235 63.3 42.9 82.9

272 12.8 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#42

2,4,6-Tribromophenol

Concen: 153.975 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

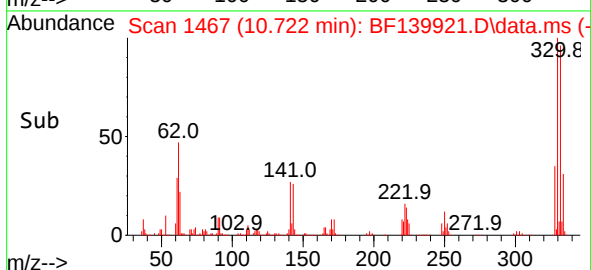
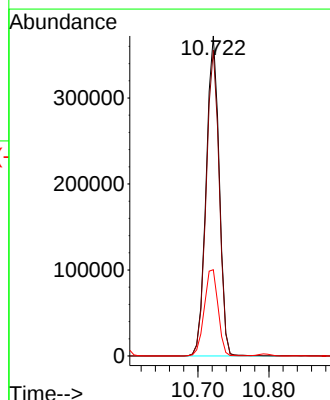
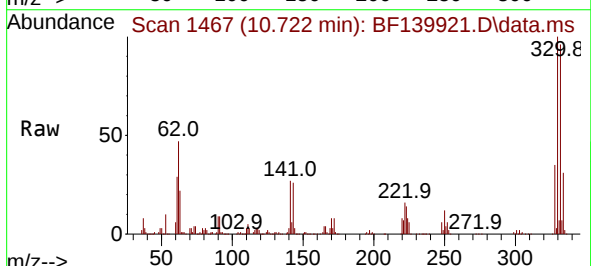
Tgt Ion:330 Resp: 477449

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

141 28.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 50.915 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:196 Resp: 322394

Ion Ratio Lower Upper

196 100

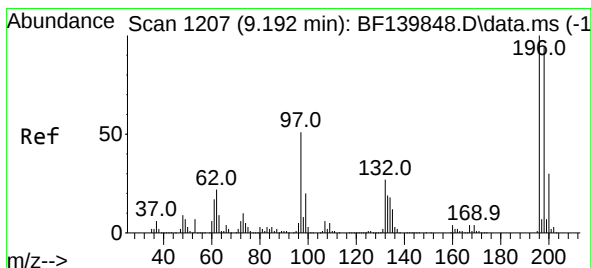
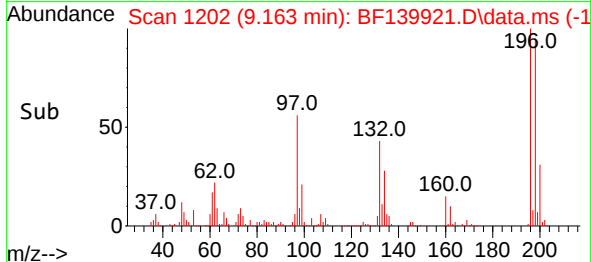
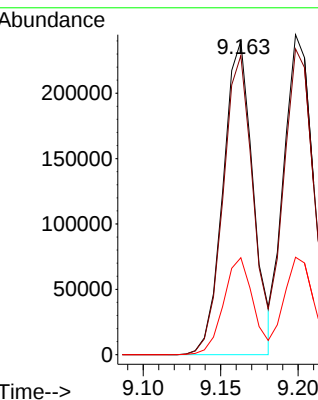
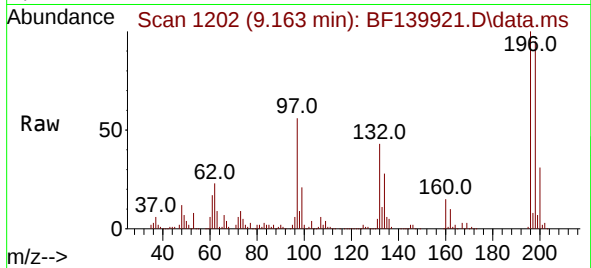
198 95.3 76.2 114.2

200 30.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#44

2,4,5-Trichlorophenol

Concen: 48.945 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Tgt Ion:196 Resp: 319753

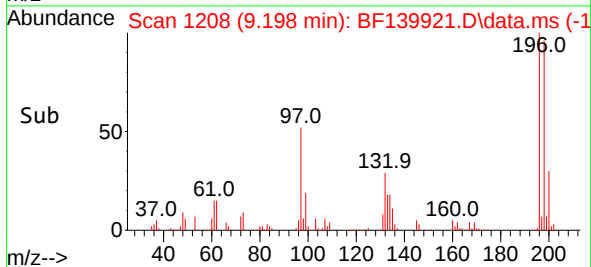
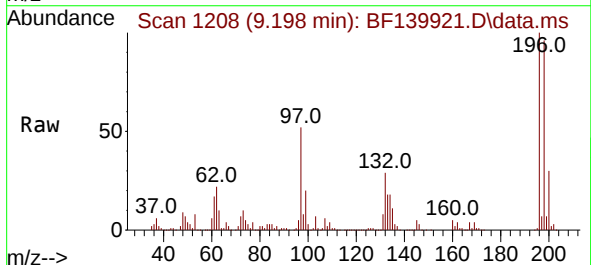
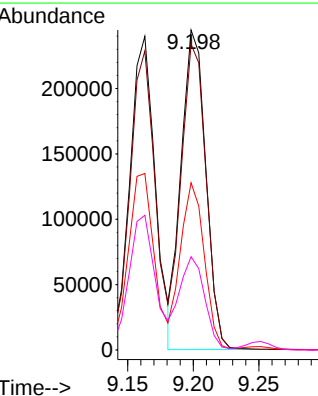
Ion Ratio Lower Upper

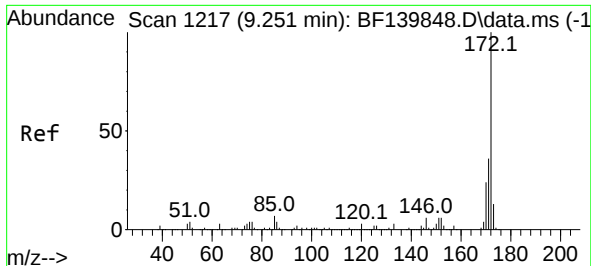
196 100

198 95.5 75.8 113.6

97 52.3 41.8 62.6

132 29.2 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 93.274 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

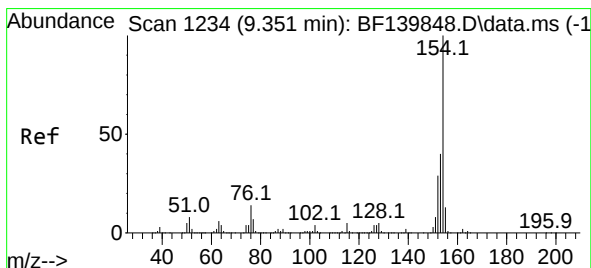
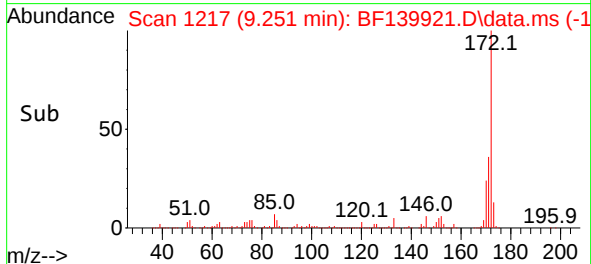
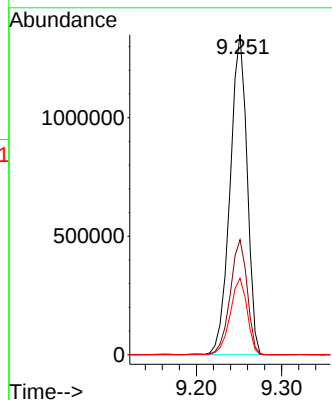
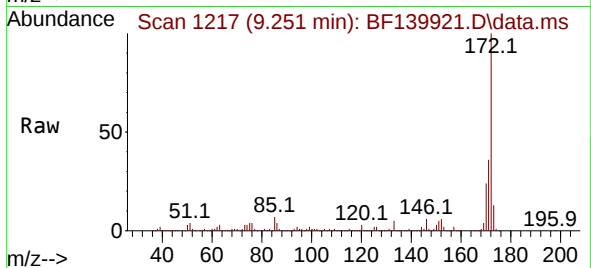
PB164071BS

Tgt Ion:172 Resp: 1870948
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.1 28.7

Manual Integrations

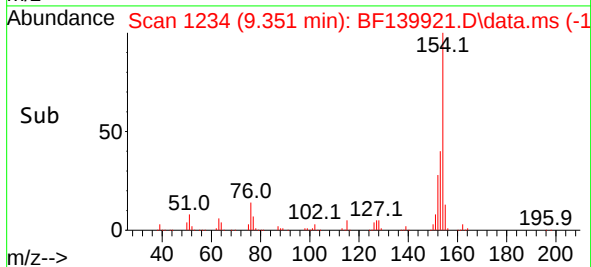
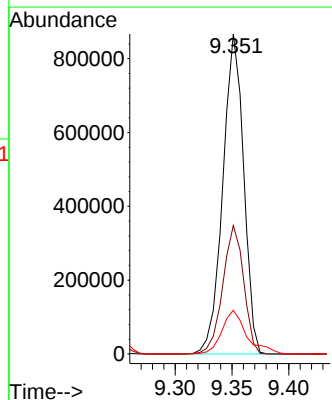
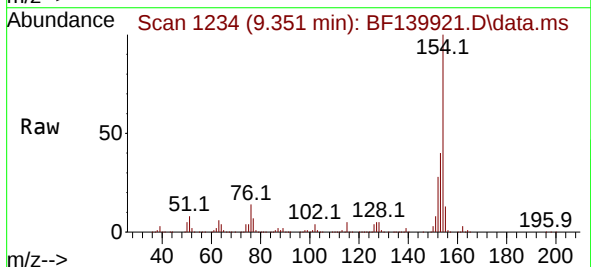
APPROVED

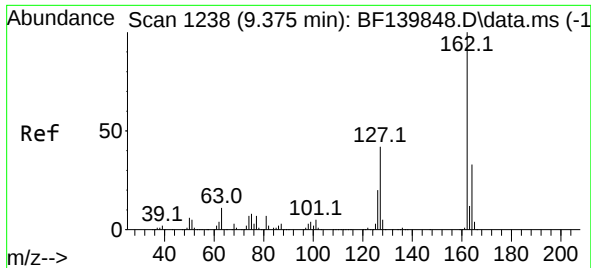
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#46
1,1'-Biphenyl
Concen: 47.966 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:154 Resp: 1106952
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 13.6 0.0 33.9





#47
2-Chloronaphthalene
Concen: 47.119 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

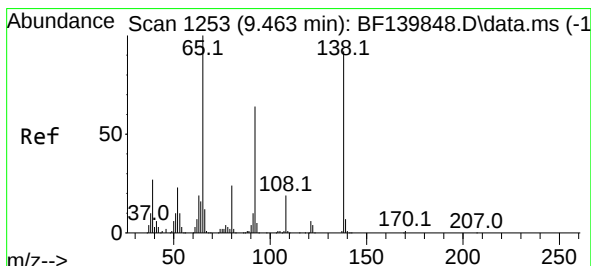
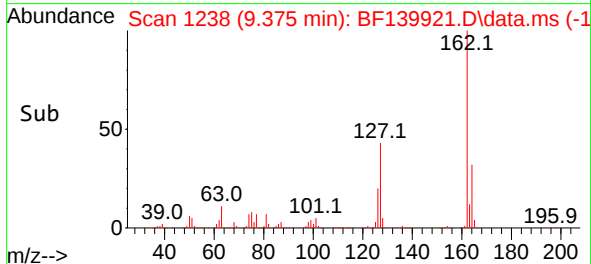
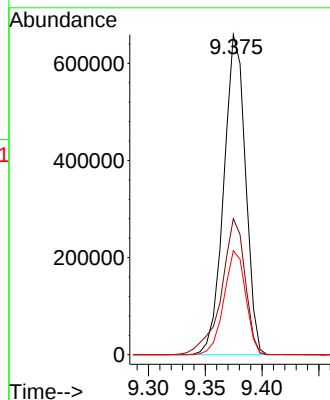
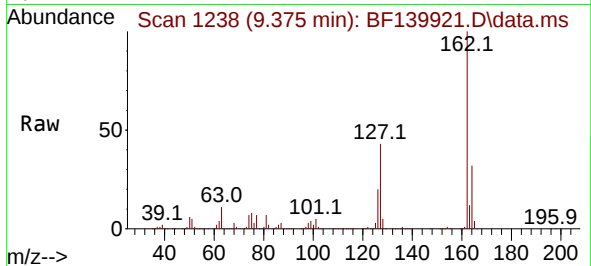
PB164071BS

Tgt Ion:162 Resp: 875802
Ion Ratio Lower Upper
162 100
127 42.5 33.8 50.6
164 32.5 26.6 39.8

Manual Integrations

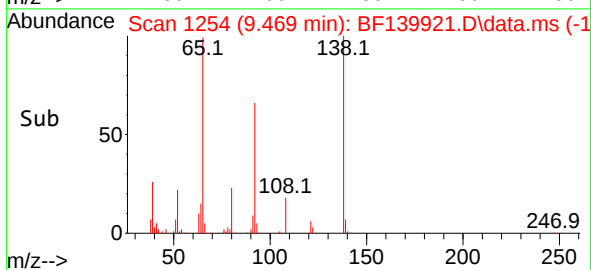
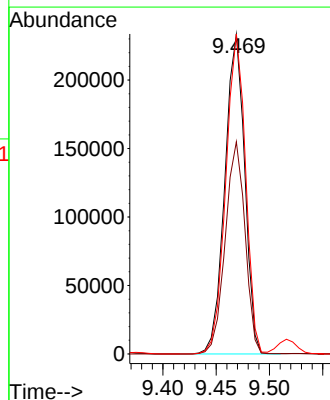
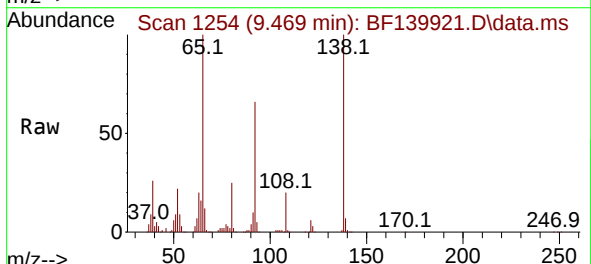
APPROVED

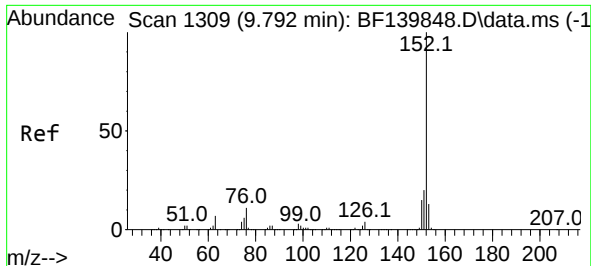
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#48
2-Nitroaniline
Concen: 53.162 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion: 65 Resp: 302215
Ion Ratio Lower Upper
65 100
92 66.4 50.9 76.3
138 100.1 73.4 110.0





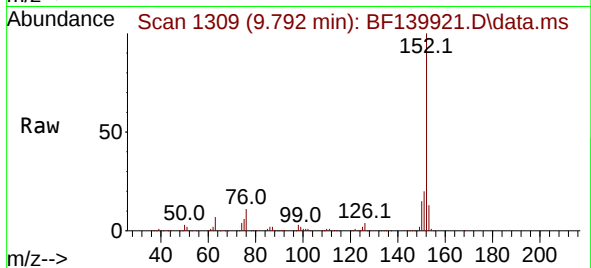
#49
Acenaphthylene
Concen: 51.279 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

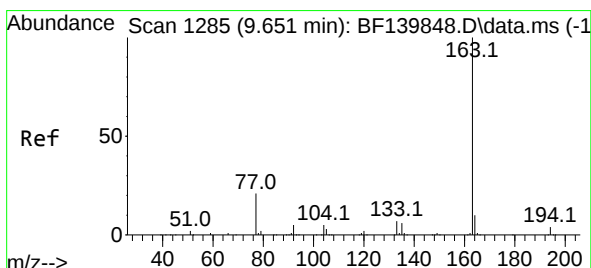
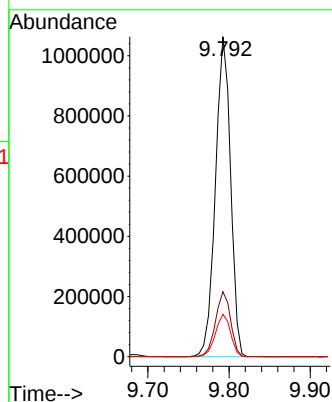
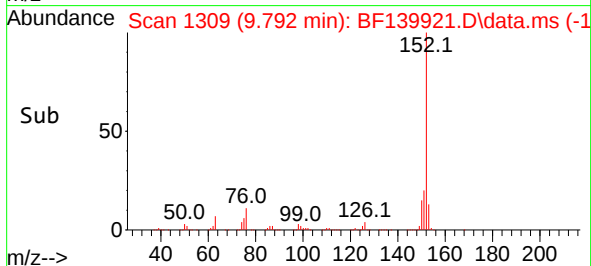


Tgt Ion:152 Resp: 1377930
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.7 16.1

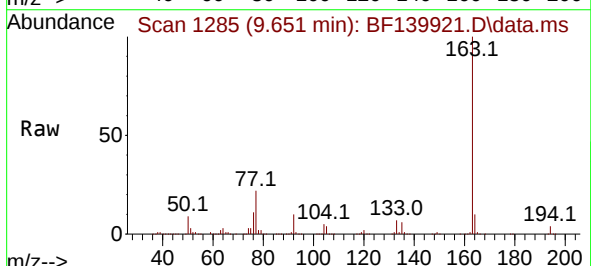
Manual Integrations

APPROVED

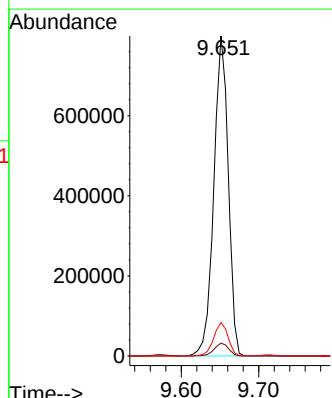
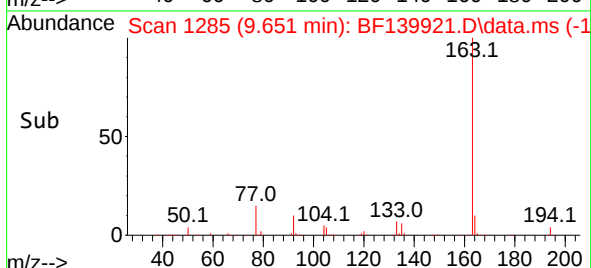
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

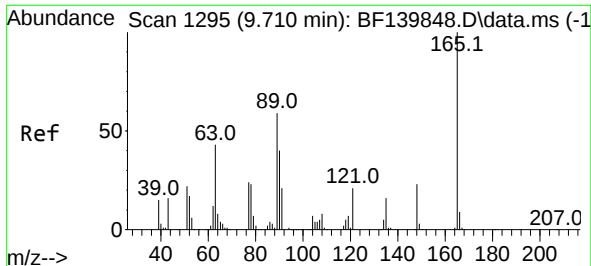


#50
Dimethylphthalate
Concen: 50.076 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



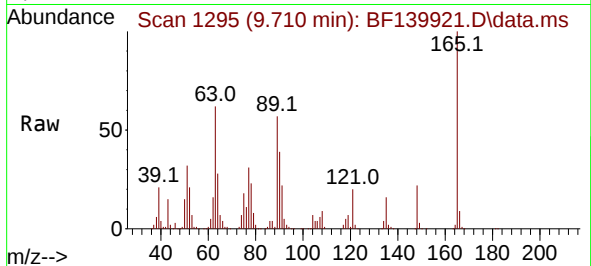
Tgt Ion:163 Resp: 1034021
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.551 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

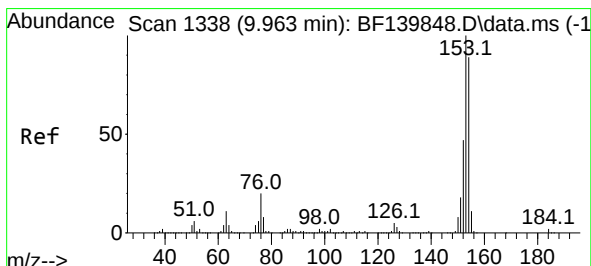
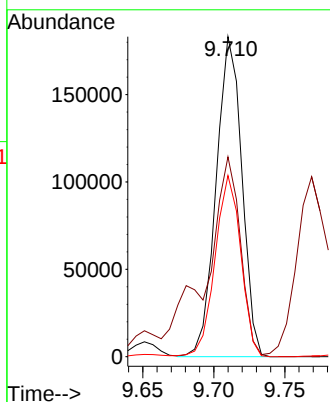
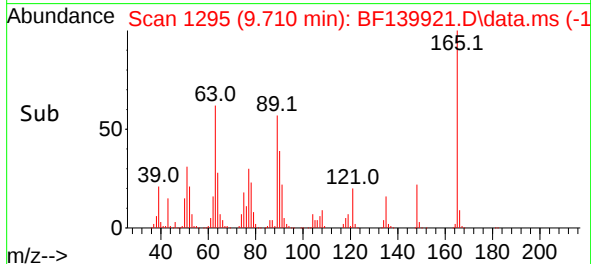
Instrument :
BNA_F
ClientSampleId :
PB164071BS



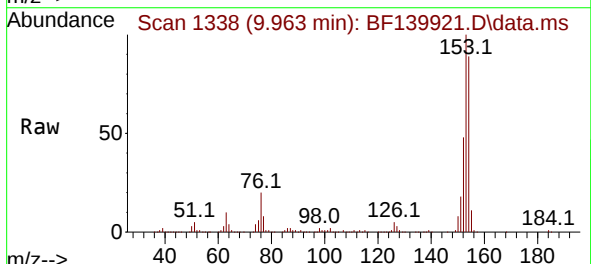
Tgt Ion:165 Resp: 230480
Ion Ratio Lower Upper
165 100
63 62.4 50.6 75.8
89 56.6 47.5 71.3

Manual Integrations
APPROVED

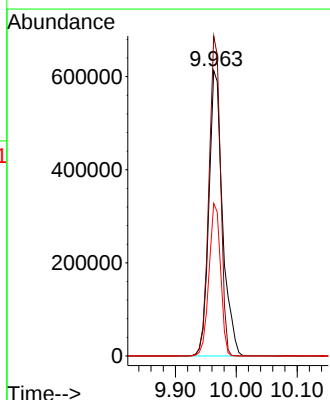
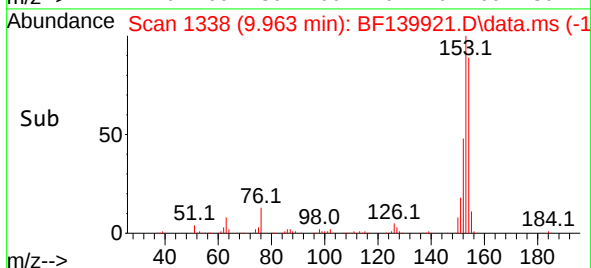
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

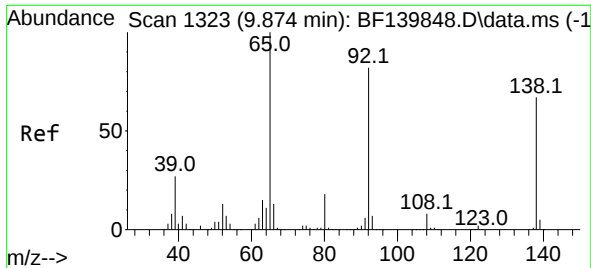


#52
Acenaphthene
Concen: 54.836 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion:154 Resp: 953212
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 53.5 42.4 63.6





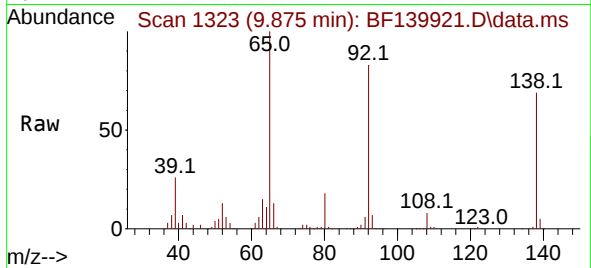
#53
3-Nitroaniline
Concen: 31.740 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

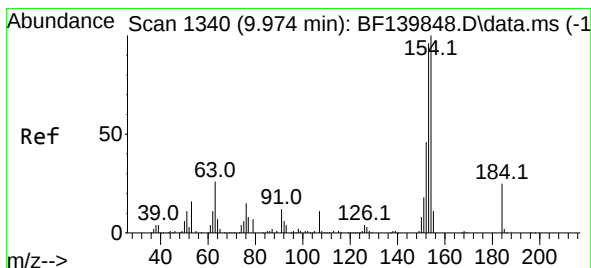
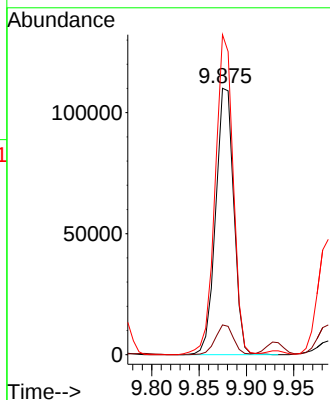
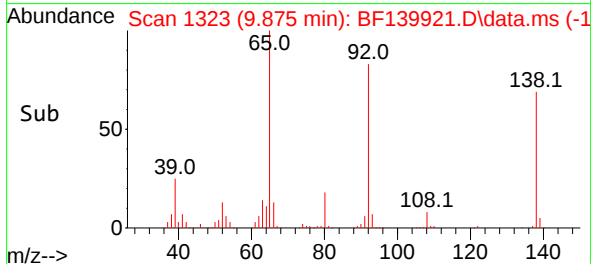


Tgt Ion:138 Resp: 146340
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 120.1 98.3 147.5

Manual Integrations

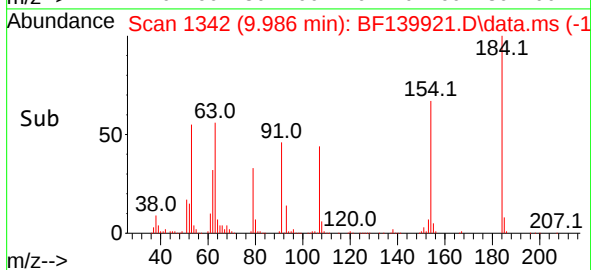
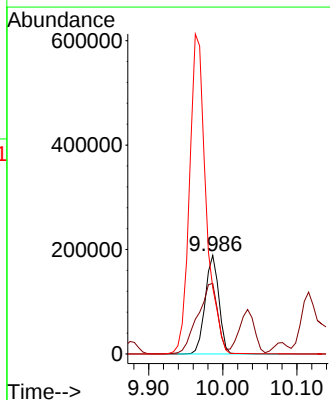
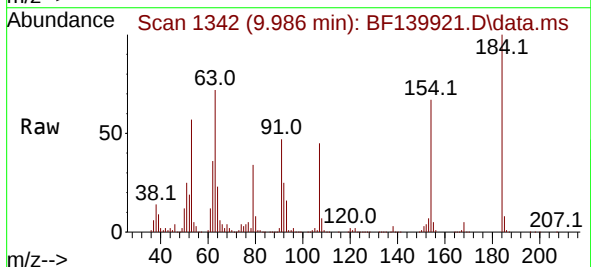
APPROVED

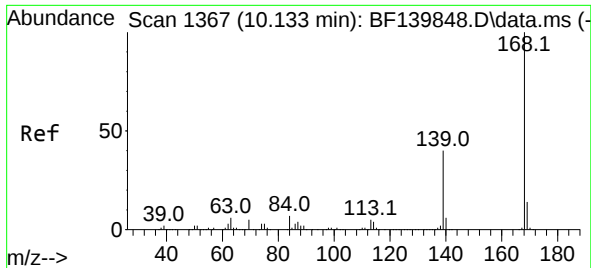
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#54
2,4-Dinitrophenol
Concen: 126.649 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

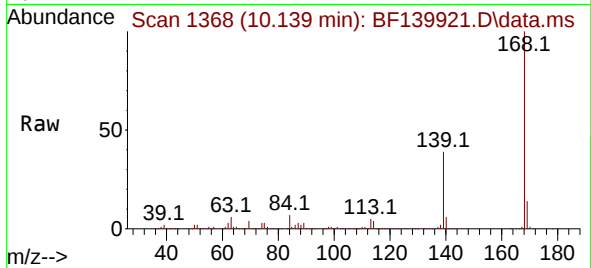
Tgt Ion:184 Resp: 242958
Ion Ratio Lower Upper
184 100
63 71.7 84.7 127.1#
154 67.2 338.2 507.2#





#55
Dibenzenofuran
Concen: 48.489 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

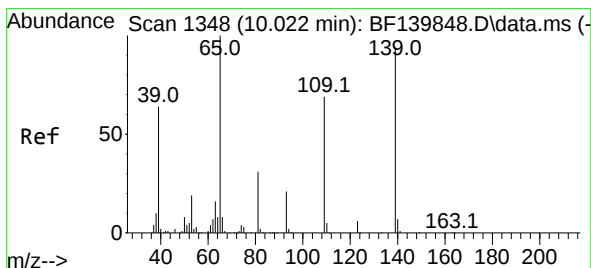
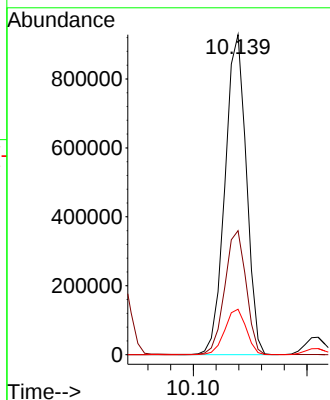
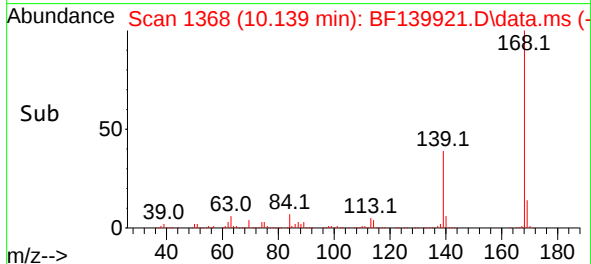
Instrument :
BNA_F
ClientSampleId :
PB164071BS



Tgt Ion:168 Resp: 120935
Ion Ratio Lower Upper
168 100
139 38.8 31.8 47.6
169 14.2 11.6 17.4

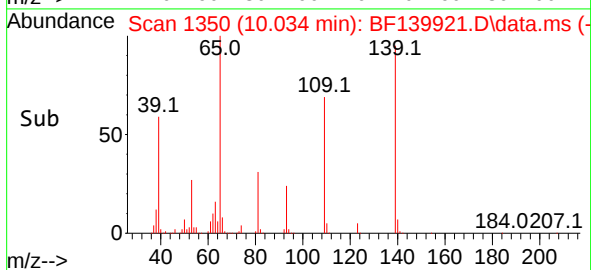
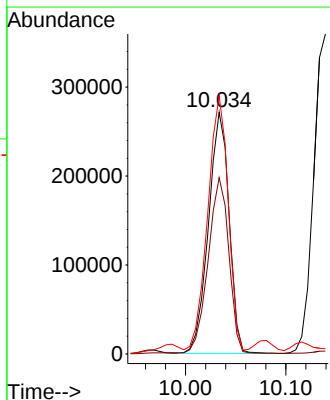
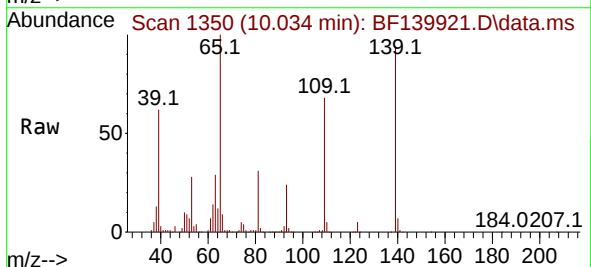
Manual Integrations
APPROVED

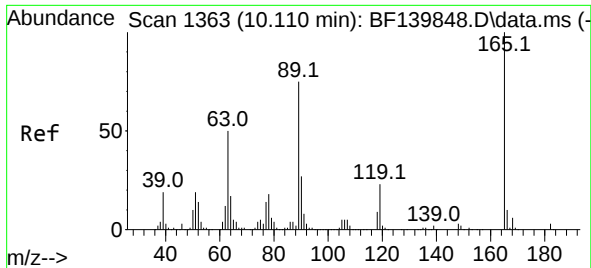
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#56
4-Nitrophenol
Concen: 109.189 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

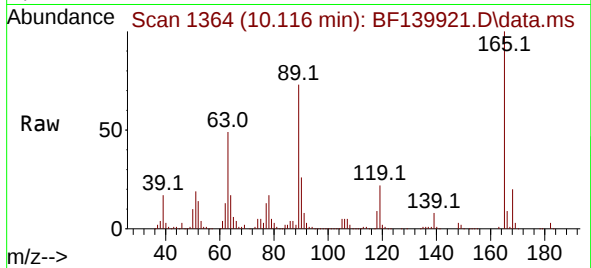
Tgt Ion:139 Resp: 387313
Ion Ratio Lower Upper
139 100
109 73.0 53.6 93.6
65 106.8 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 56.506 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

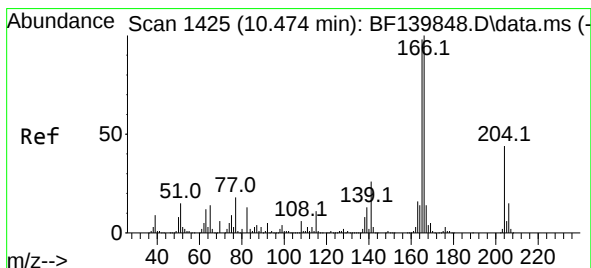
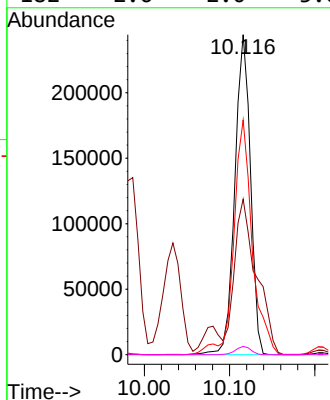
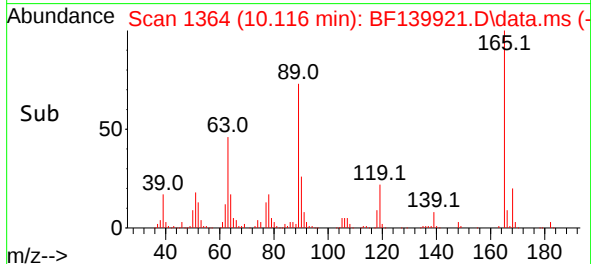
Instrument :
BNA_F
ClientSampleId :
PB164071BS



Tgt Ion:165 Resp: 31067
Ion Ratio Lower Upper
165 100
63 48.6 40.1 60.1
89 73.3 60.4 90.6
182 2.6 2.0 3.0

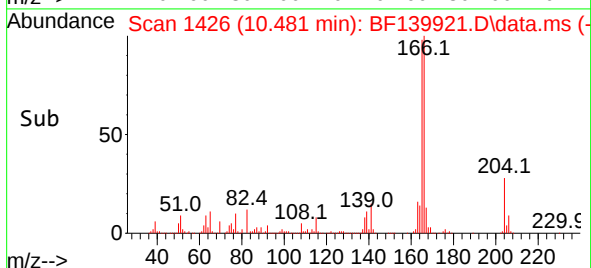
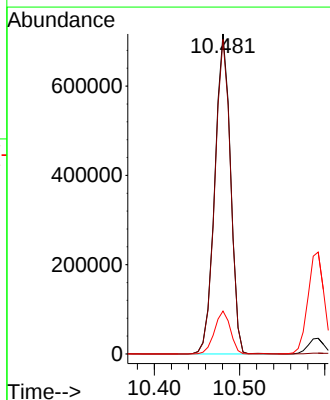
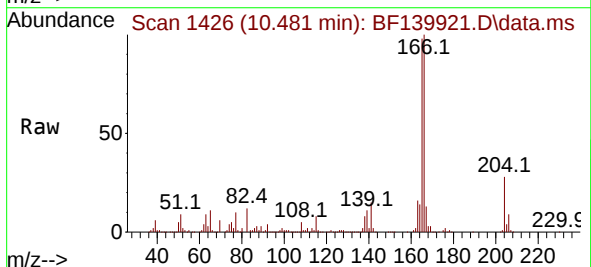
Manual Integrations
APPROVED

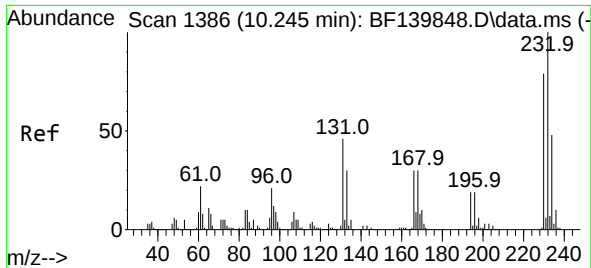
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#58
Fluorene
Concen: 48.305 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

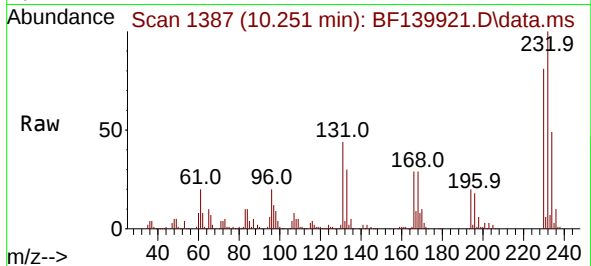
Tgt Ion:166 Resp: 917608
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.745 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

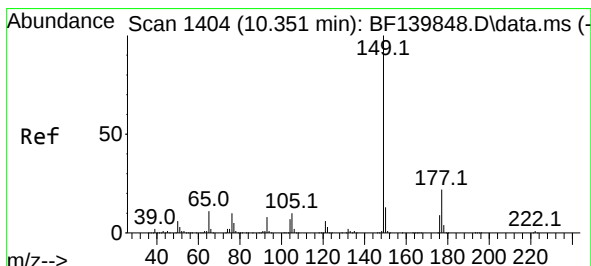
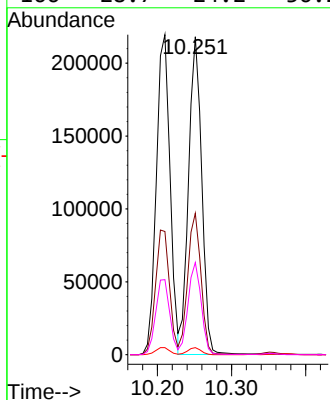
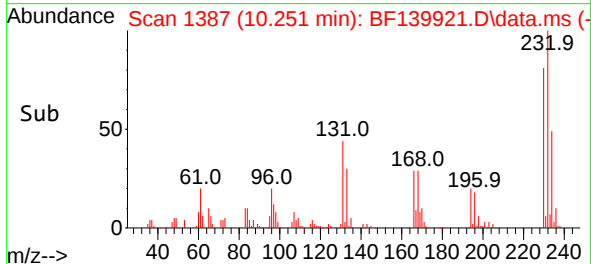
Instrument :
BNA_F
ClientSampleId :
PB164071BS



Tgt Ion:232 Resp: 270120
Ion Ratio Lower Upper
232 100
131 44.7 37.0 55.6
130 2.2 1.9 2.9
166 28.7 24.2 36.2

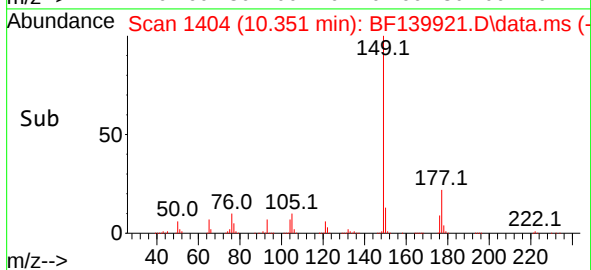
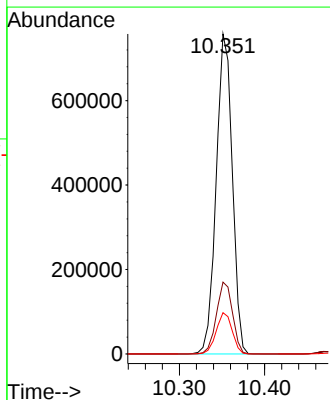
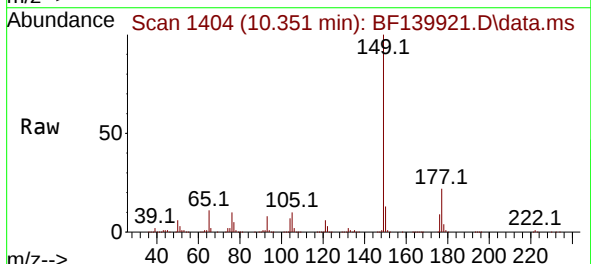
Manual Integrations
APPROVED

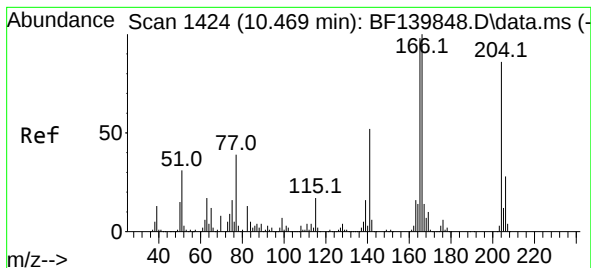
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#60
Diethylphthalate
Concen: 49.154 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

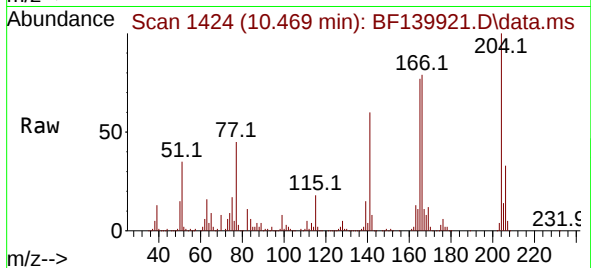
Tgt Ion:149 Resp: 996554
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.585 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

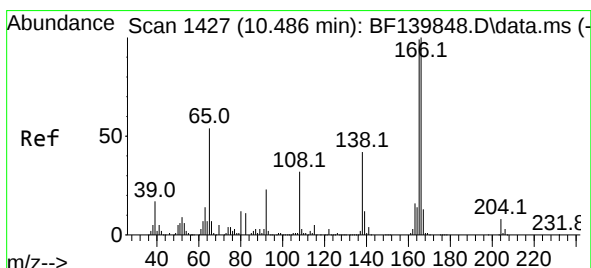
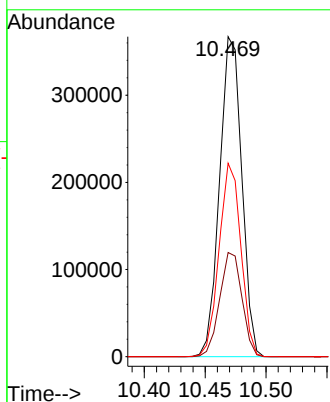
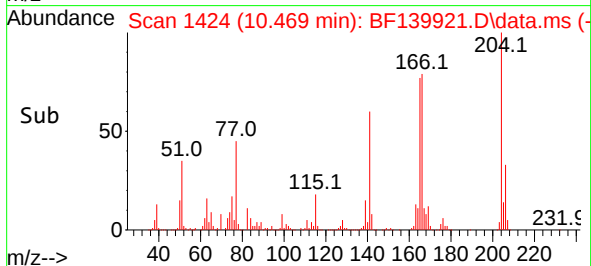
Instrument :
BNA_F
ClientSampleId :
PB164071BS



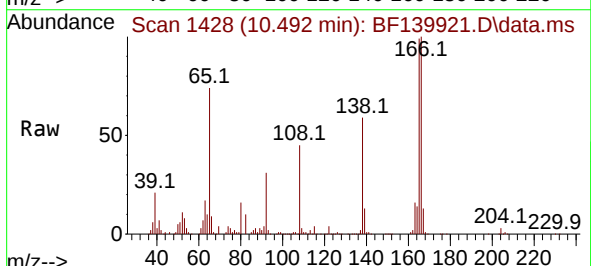
Tgt Ion:204 Resp: 466085
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.4 48.6 73.0

Manual Integrations
APPROVED

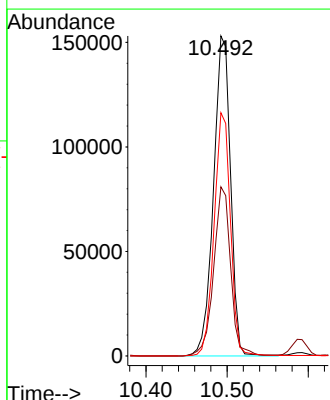
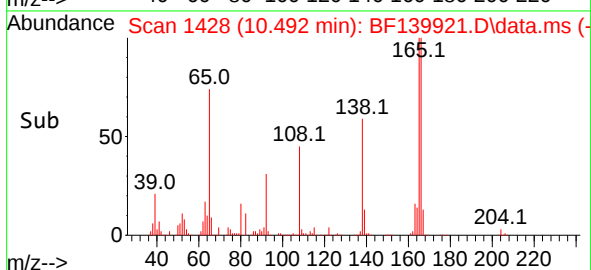
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

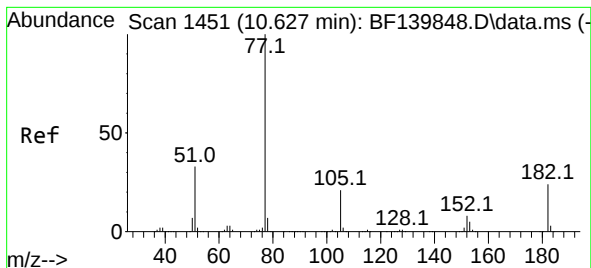


#62
4-Nitroaniline
Concen: 51.337 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion:138 Resp: 223547
Ion Ratio Lower Upper
138 100
92 52.9 35.7 75.7
108 76.0 57.5 97.5





#63
Azobenzene
Concen: 47.856 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

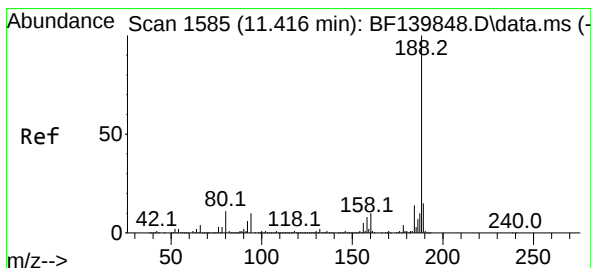
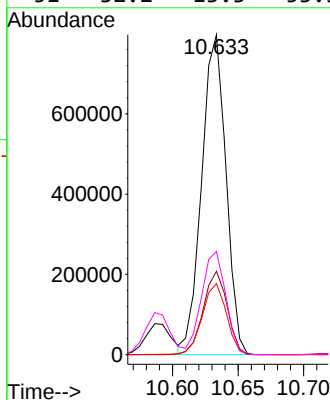
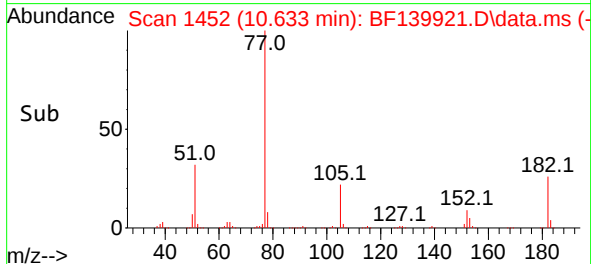
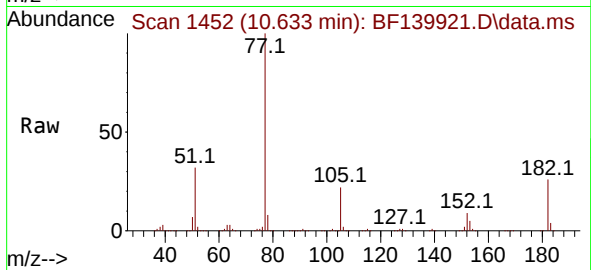
PB164071BS

Tgt Ion: 77 Resp: 102860
Ion Ratio Lower Upper
77 100
182 26.1 3.3 43.3
105 22.2 1.2 41.2
51 32.2 13.3 53.3

Manual Integrations

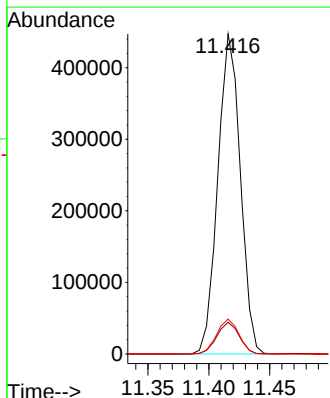
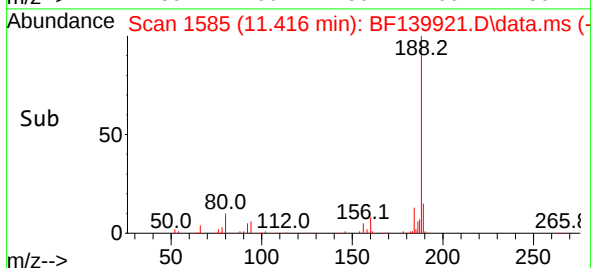
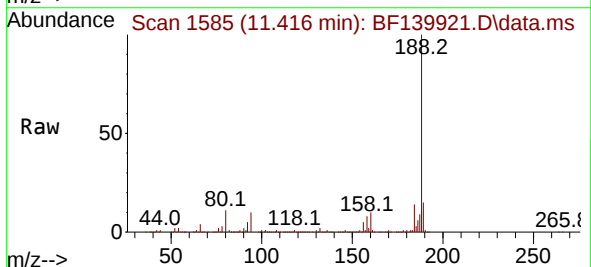
APPROVED

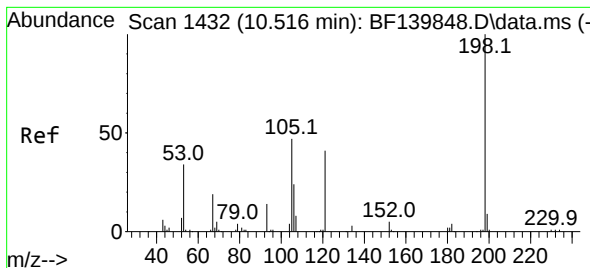
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

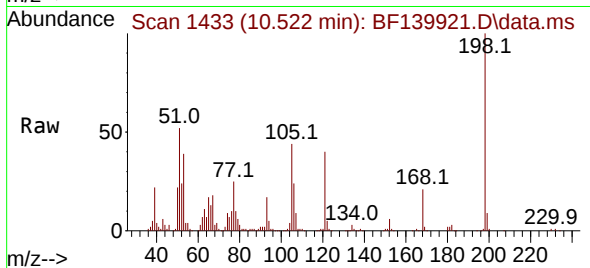
Tgt Ion:188 Resp: 575136
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.9 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 70.645 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

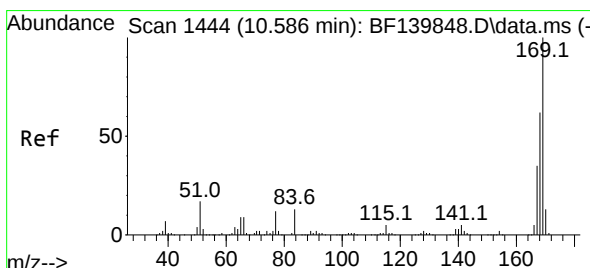
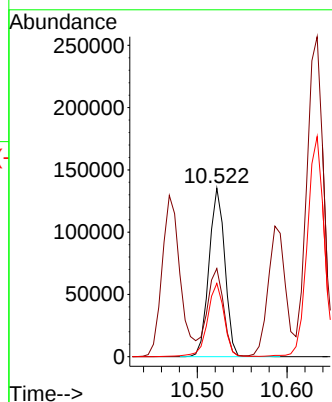
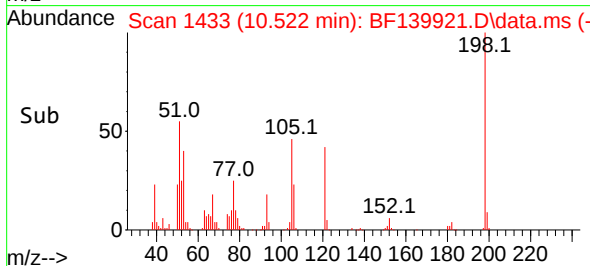
Instrument :
BNA_F
ClientSampleId :
PB164071BS



Tgt Ion:198 Resp: 16573
Ion Ratio Lower Upper
198 100
51 52.3 38.2 78.2
105 43.5 27.9 67.9

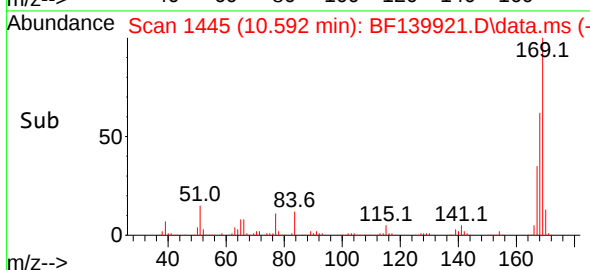
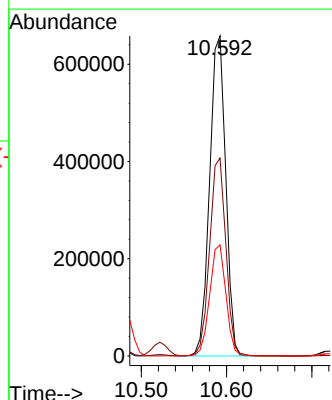
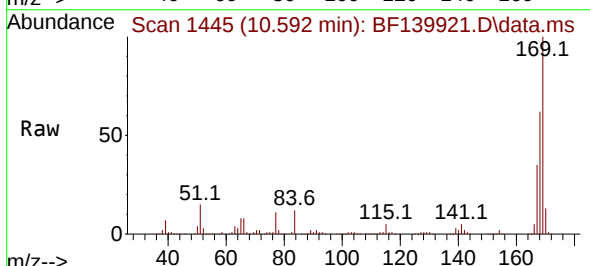
Manual Integrations
APPROVED

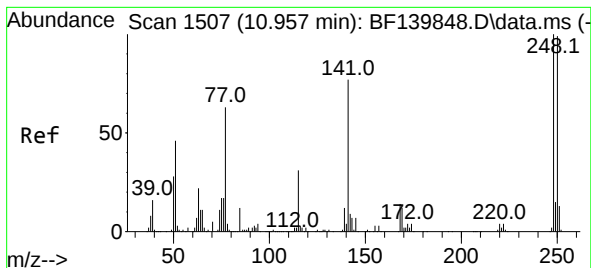
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#66
n-Nitrosodiphenylamine
Concen: 50.112 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:169 Resp: 862616
Ion Ratio Lower Upper
169 100
168 61.8 49.8 74.6
167 34.7 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 51.095 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

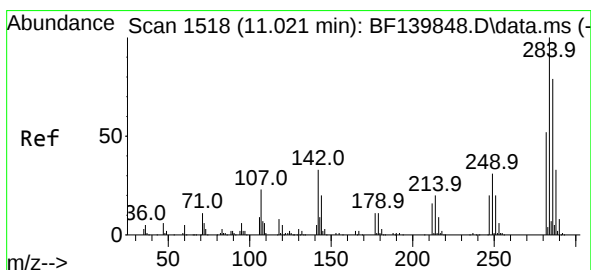
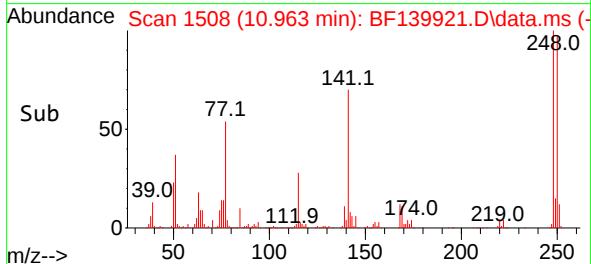
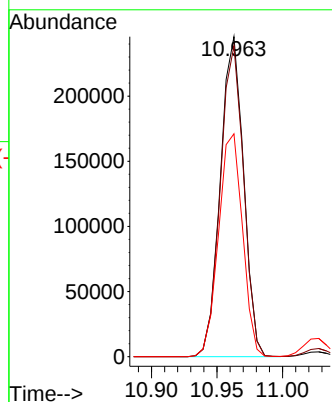
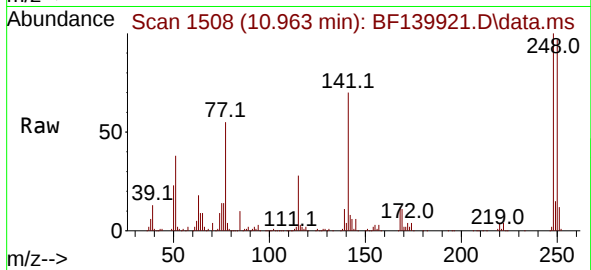
PB164071BS

Tgt Ion:248 Resp: 302738
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 69.6 61.7 92.5

Manual Integrations

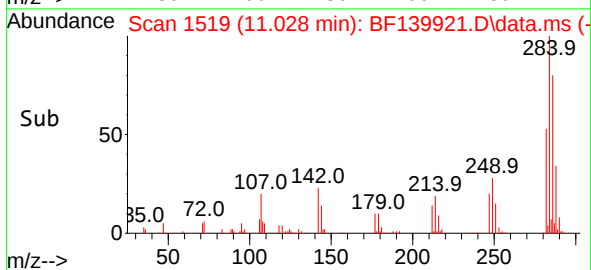
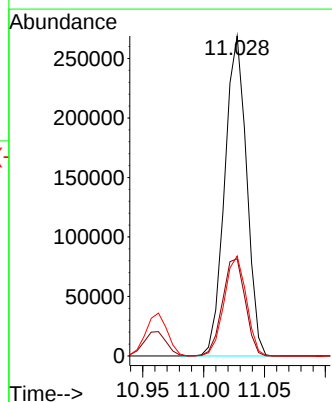
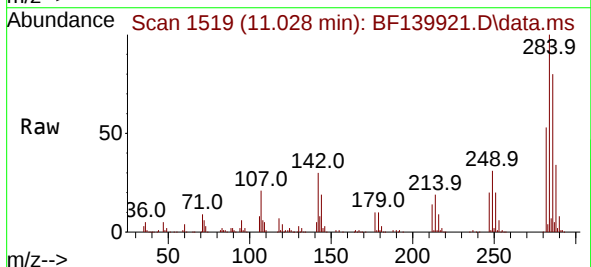
APPROVED

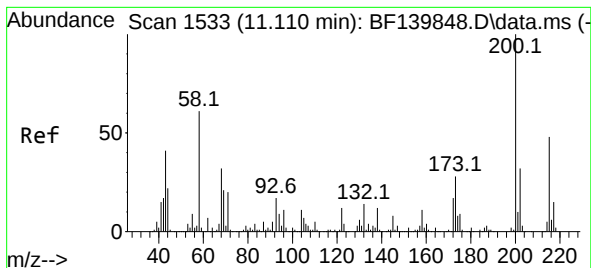
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#68
Hexachlorobenzene
Concen: 50.492 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:284 Resp: 336457
Ion Ratio Lower Upper
284 100
142 30.4 26.9 40.3
249 31.2 25.3 37.9





#69

Atrazine

Concen: 58.364 ng

RT: 11.116 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:200 Resp: 272149

Ion Ratio Lower Upper

200 100

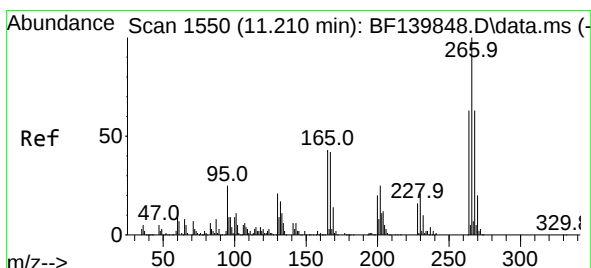
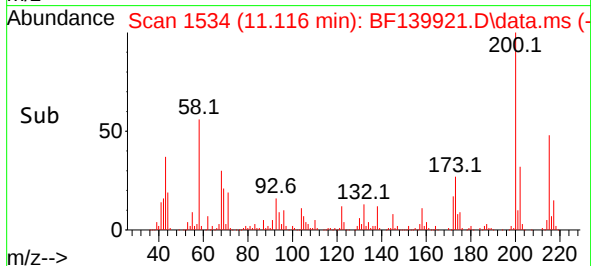
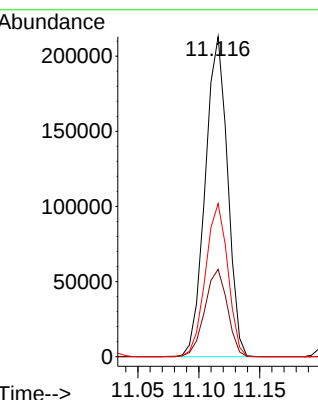
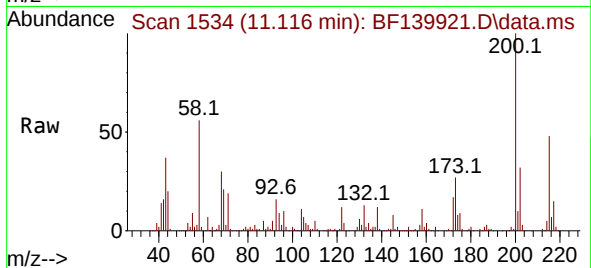
173 27.3 7.7 47.7

215 47.9 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#70

Pentachlorophenol

Concen: 103.053 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

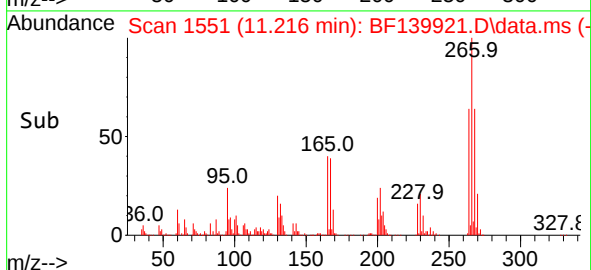
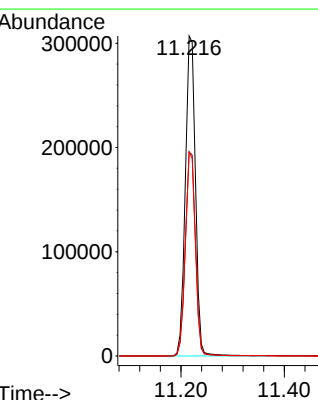
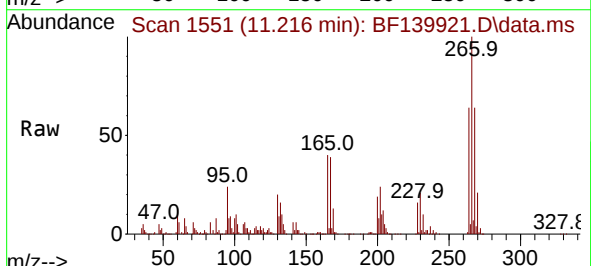
Tgt Ion:266 Resp: 416766

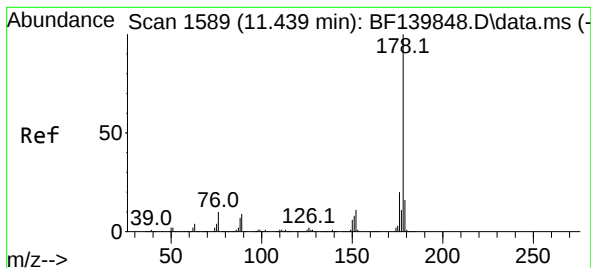
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

264 63.7 50.6 75.8





#71

Phenanthrene

Concen: 50.069 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:178 Resp: 1360228

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

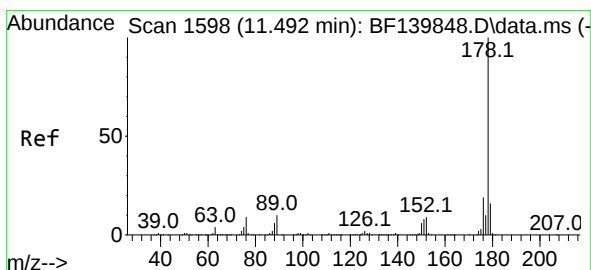
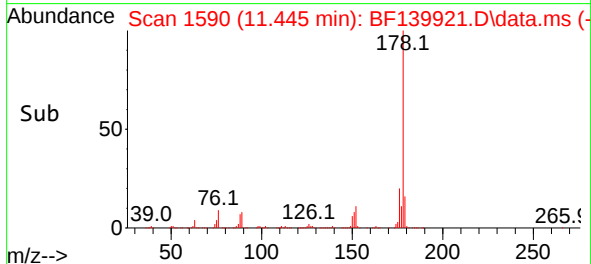
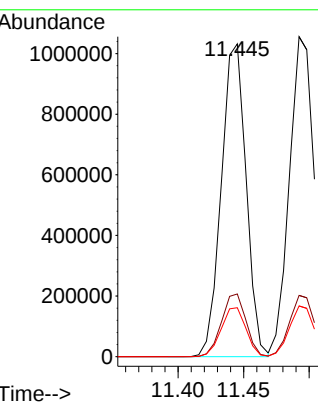
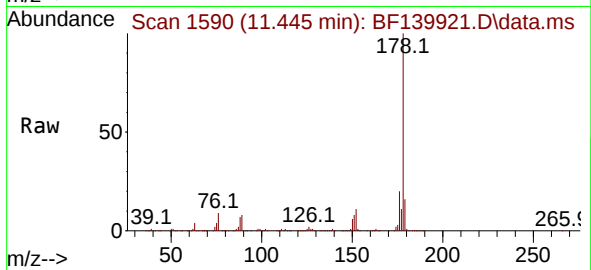
179 15.7 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024

Supervised By :mohammad ahmed 10/24/2024



#72

Anthracene

Concen: 52.186 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

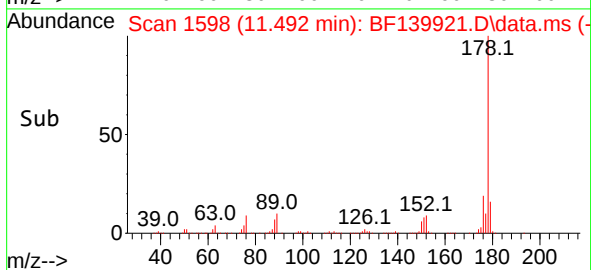
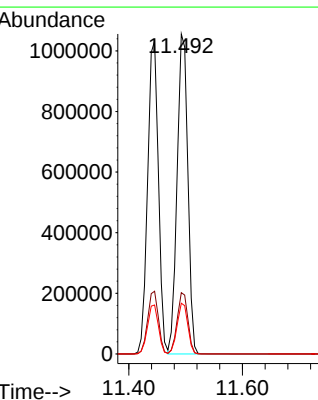
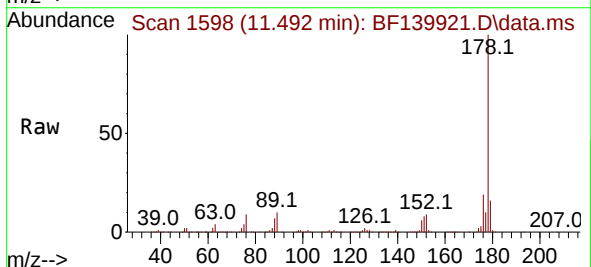
Tgt Ion:178 Resp: 1383255

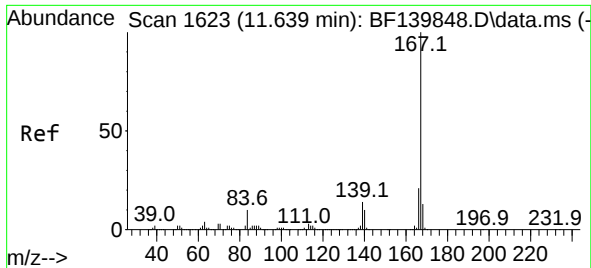
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

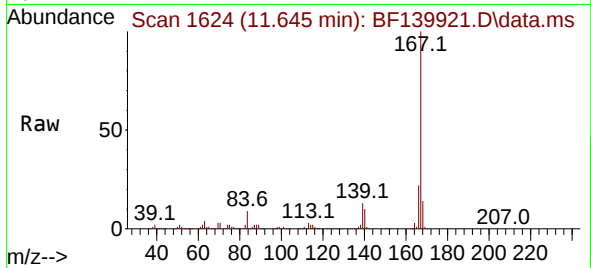
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 48.627 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF139921.D
 Acq: 22 Oct 2024 11:34

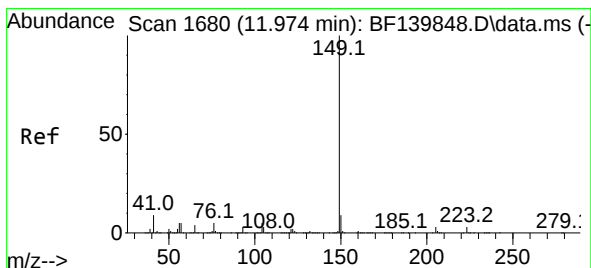
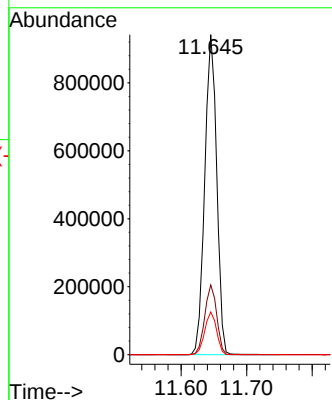
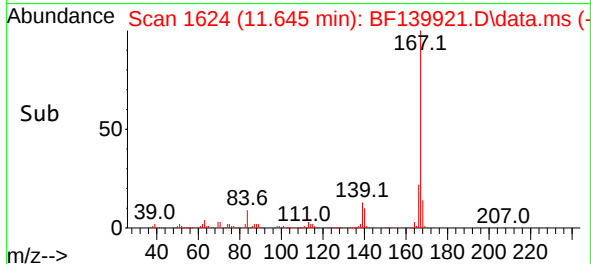
Instrument :
 BNA_F
 ClientSampleId :
 PB164071BS



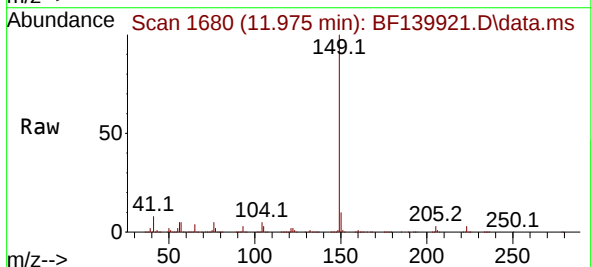
Tgt Ion:167 Resp: 119872
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.4 10.8 16.2

Manual Integrations
 APPROVED

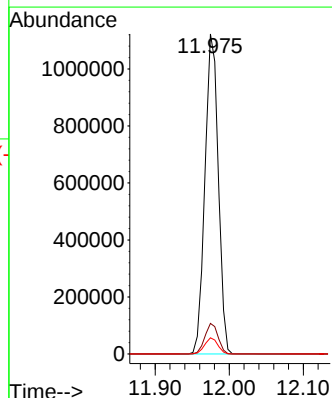
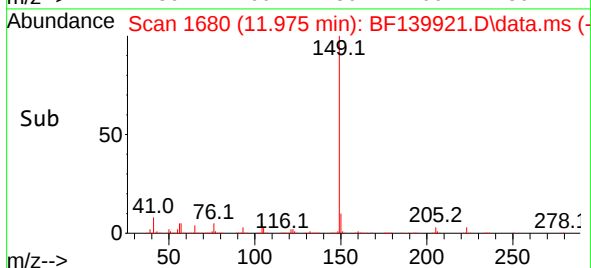
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

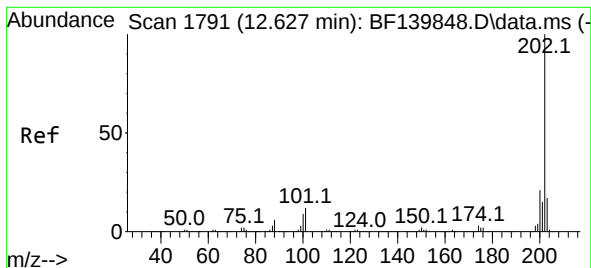


#74
 Di-n-butylphthalate
 Concen: 49.276 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139921.D
 Acq: 22 Oct 2024 11:34



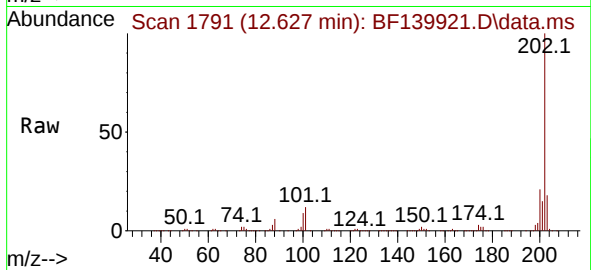
Tgt Ion:149 Resp: 1403424
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 48.816 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

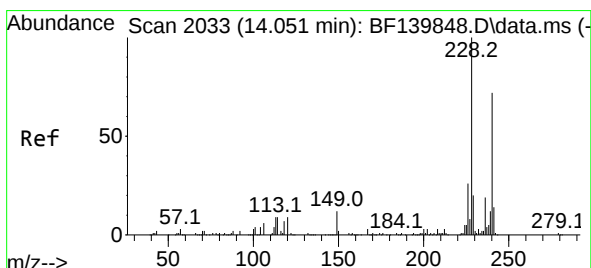
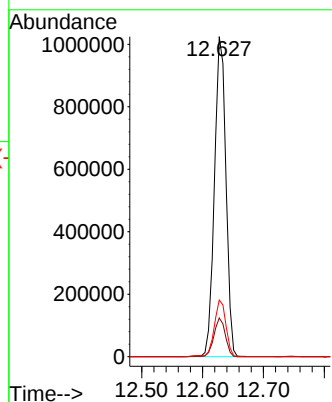
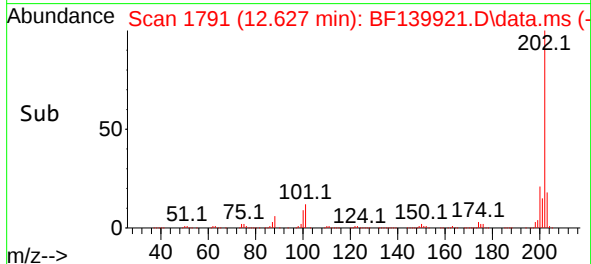
Instrument :
BNA_F
ClientSampleId :
PB164071BS



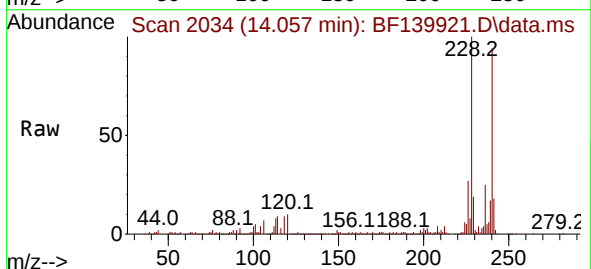
Tgt Ion:202 Resp: 134065
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
APPROVED

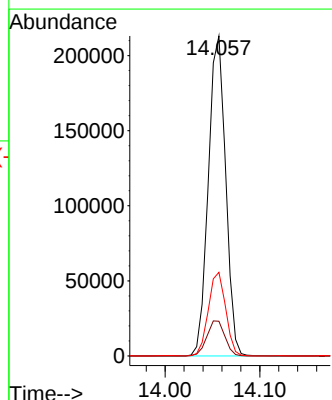
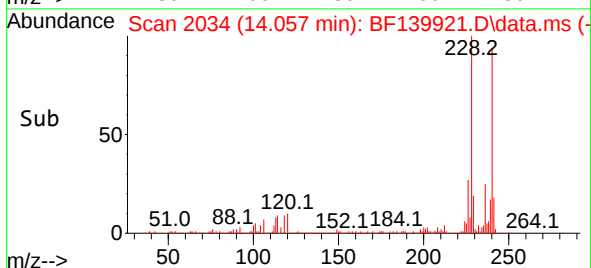
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

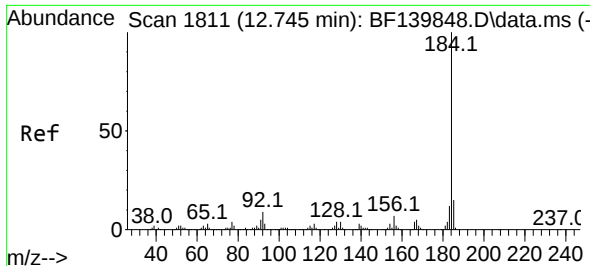


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion:240 Resp: 270065
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.2 20.9 31.3





#77
Benzidine
Concen: 53.466 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

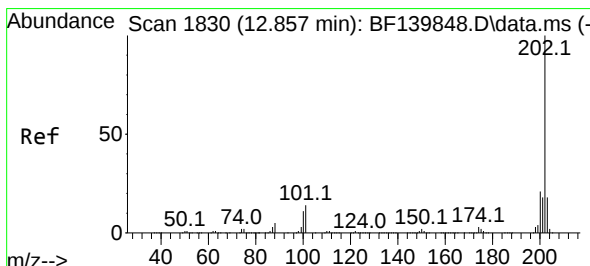
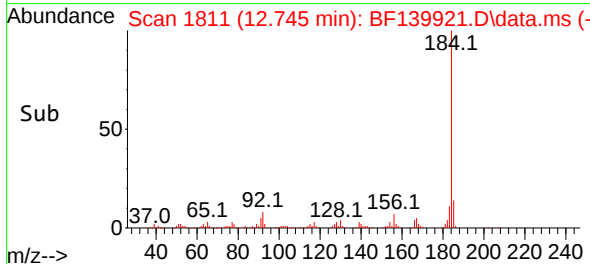
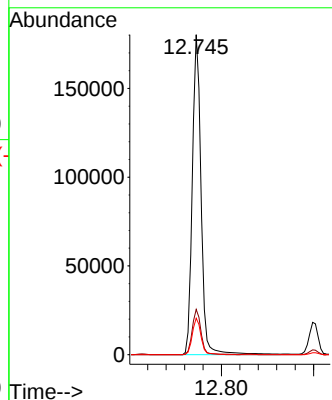
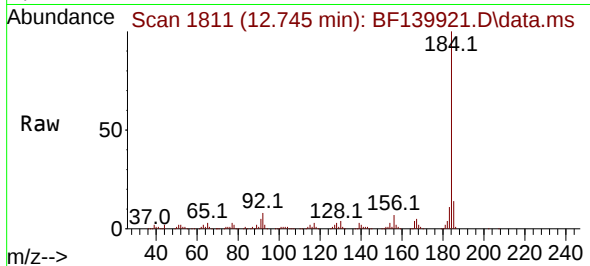
PB164071BS

Tgt Ion:184 Resp: 237429
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.4 9.4 14.2

Manual Integrations

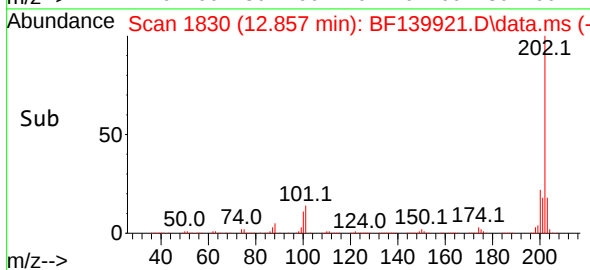
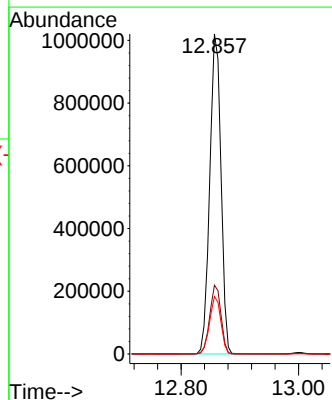
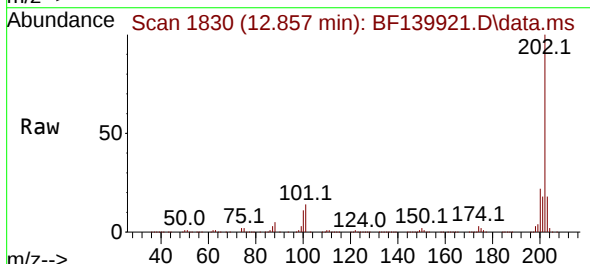
APPROVED

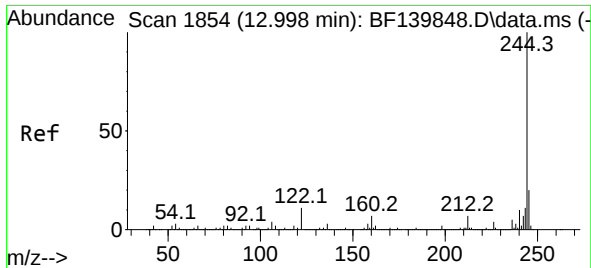
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#78
Pyrene
Concen: 56.949 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

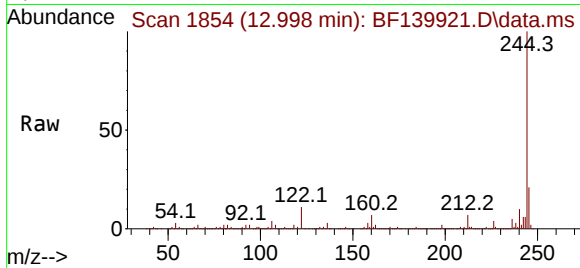
Tgt Ion:202 Resp: 1346251
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 112.911 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139921.D
 Acq: 22 Oct 2024 11:34

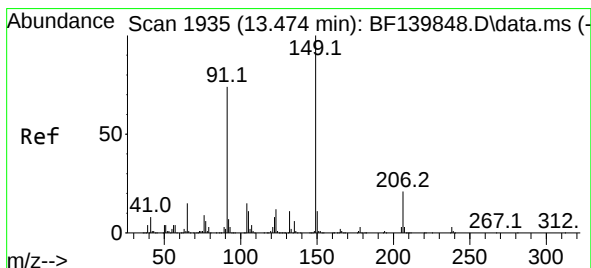
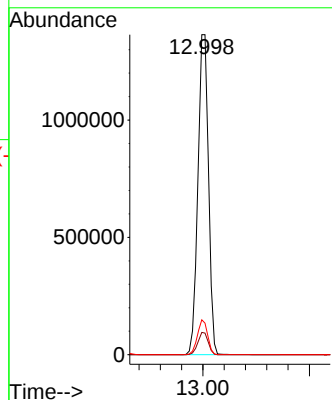
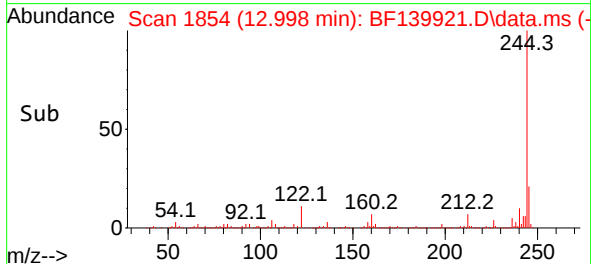
Instrument :
 BNA_F
 ClientSampleId :
 PB164071BS



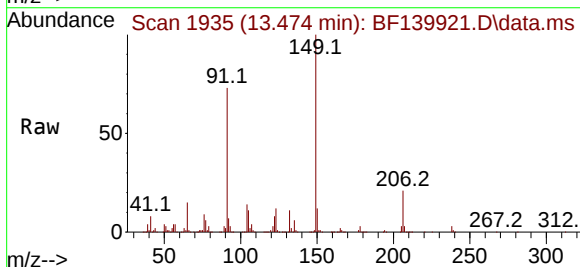
Tgt Ion:244 Resp: 187135
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.9 8.6 13.0

Manual Integrations
 APPROVED

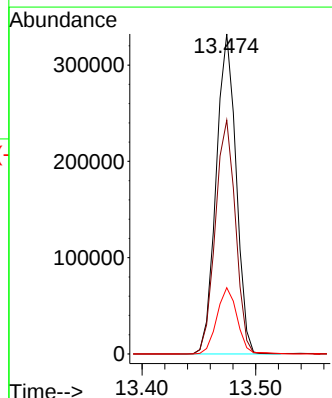
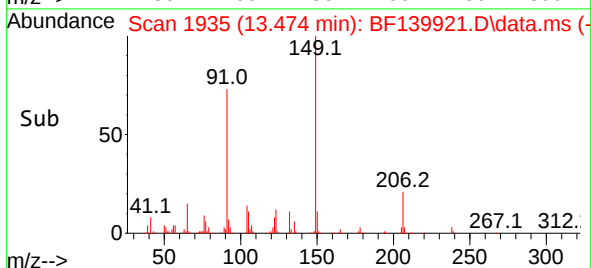
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

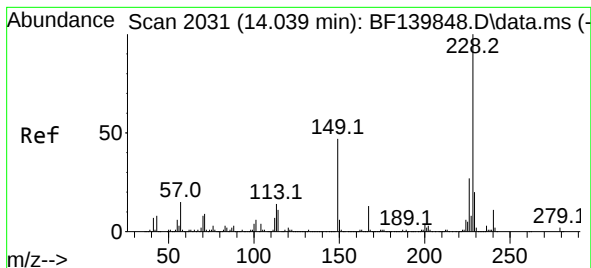


#80
 Butylbenzylphthalate
 Concen: 57.247 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139921.D
 Acq: 22 Oct 2024 11:34



Tgt Ion:149 Resp: 405724
 Ion Ratio Lower Upper
 149 100
 91 73.1 59.4 89.2
 206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.973 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:228 Resp: 93129

Ion Ratio Lower Upper

228 100

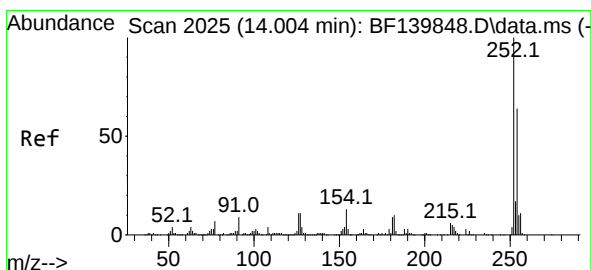
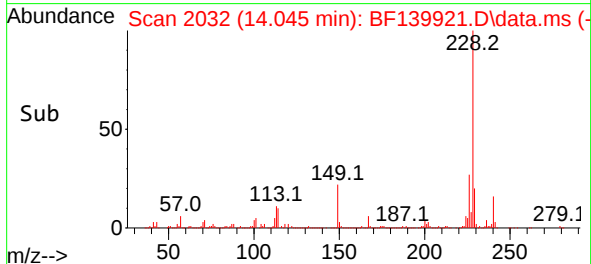
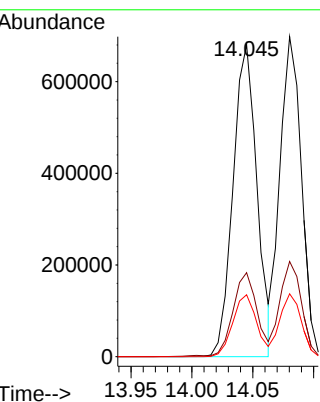
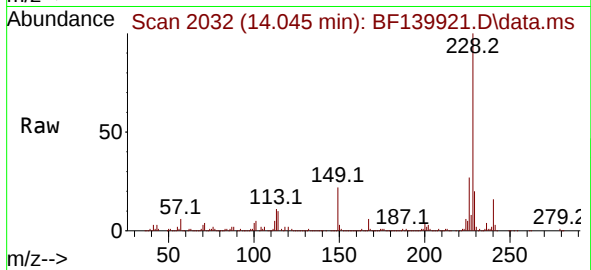
226 26.9 21.6 32.4

229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 34.582 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

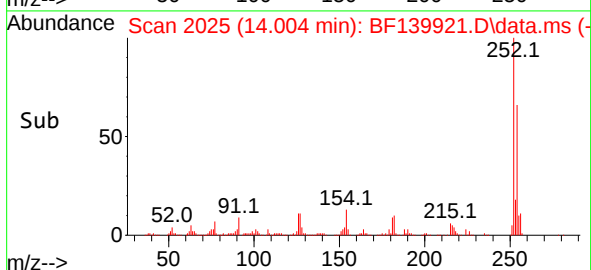
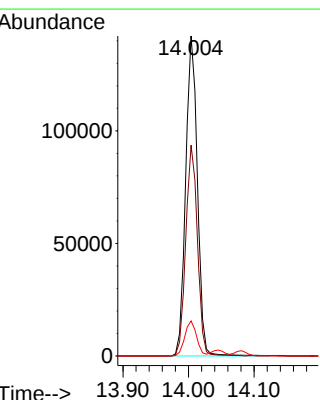
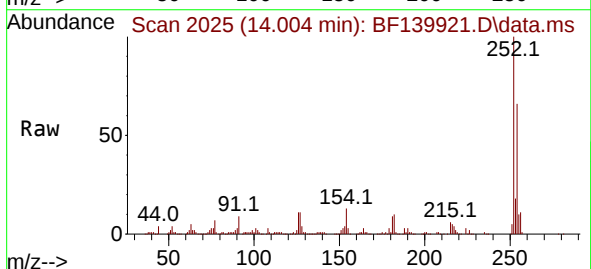
Tgt Ion:252 Resp: 177259

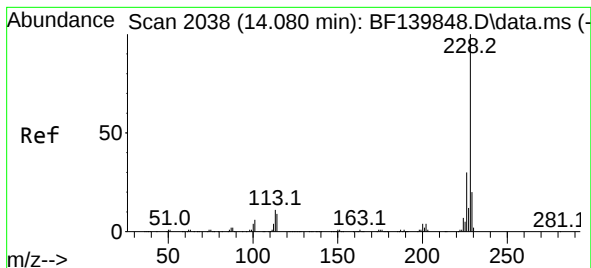
Ion Ratio Lower Upper

252 100

254 65.9 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 53.241 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

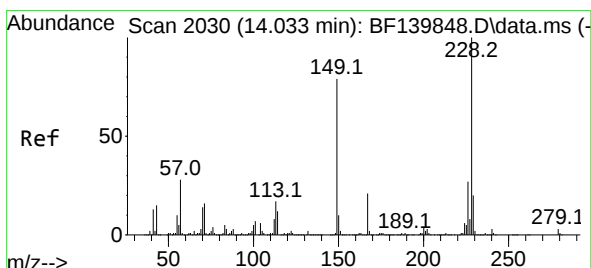
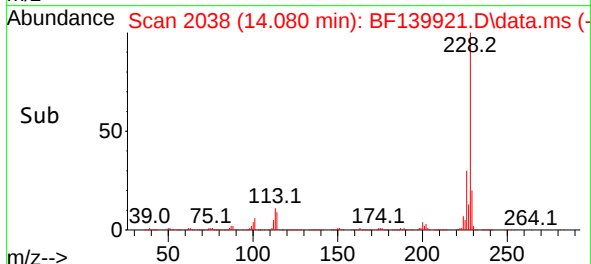
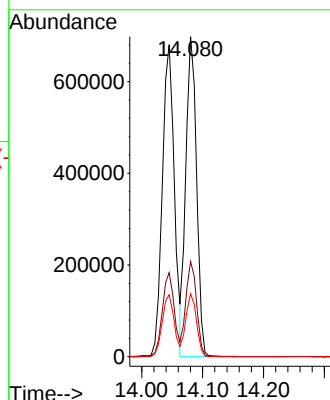
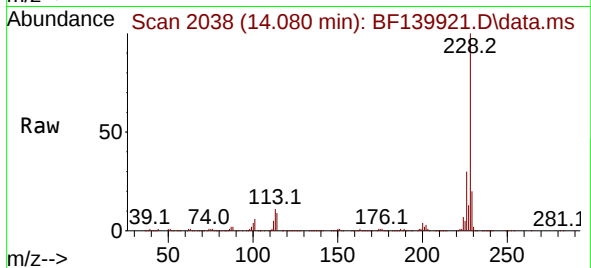
PB164071BS

Tgt Ion:	228	Resp:	858190
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.233 ng

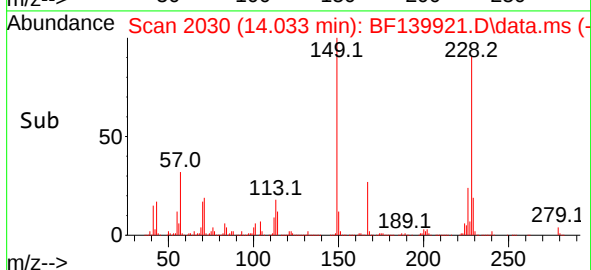
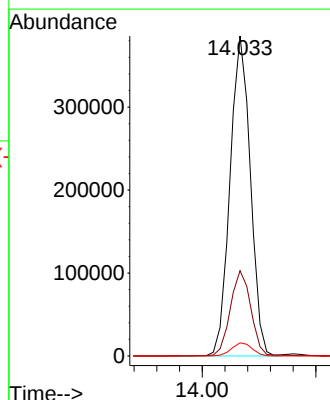
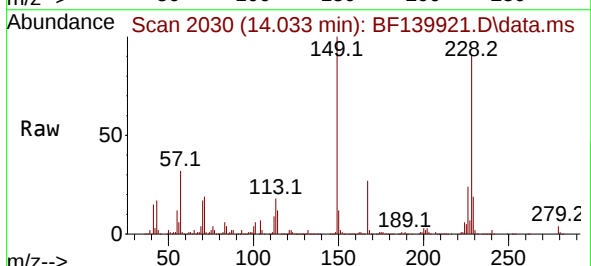
RT: 14.033 min Scan# 2030

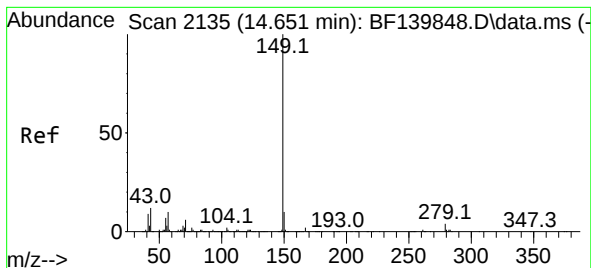
Delta R.T. 0.000 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Tgt Ion:	149	Resp:	478944
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.4	32.0
279	4.1	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 61.078 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:149 Resp: 883360

Ion Ratio Lower Upper

149 100

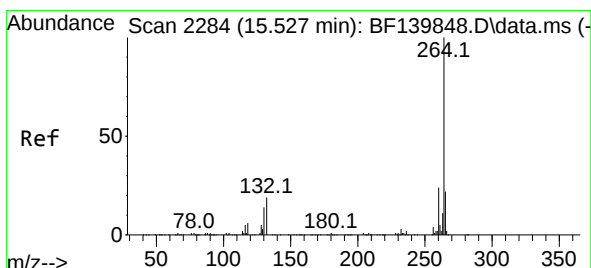
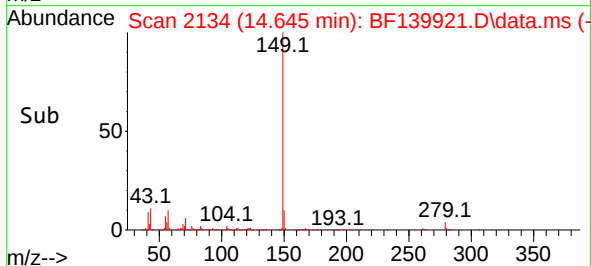
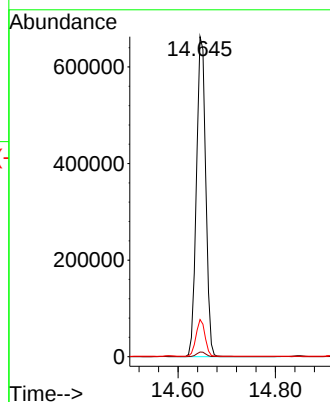
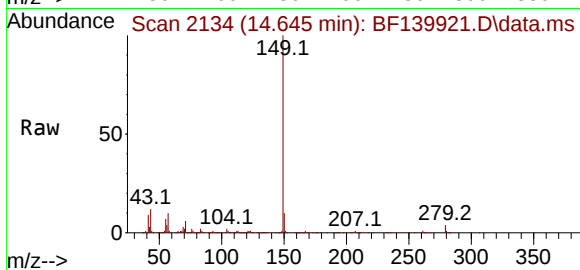
167 1.5 1.2 1.8

43 11.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

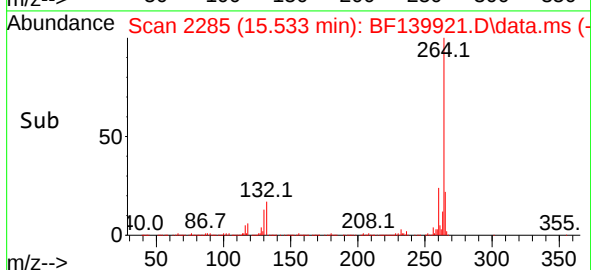
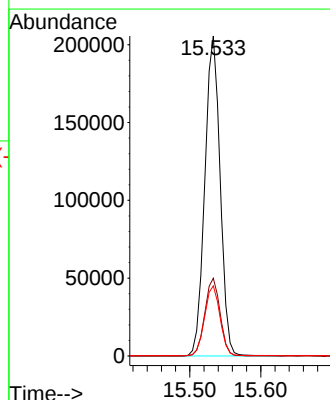
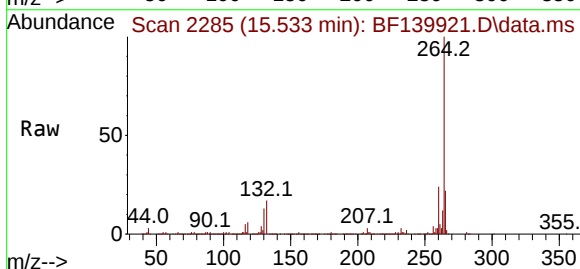
Tgt Ion:264 Resp: 308770

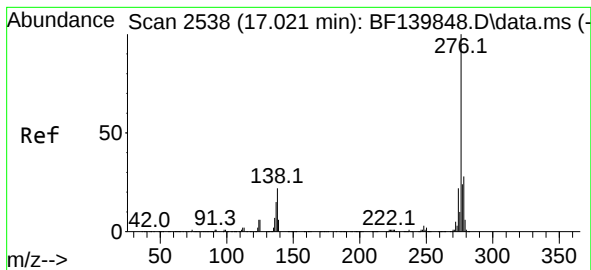
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

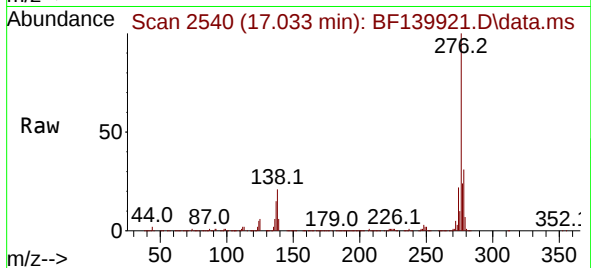
265 21.9 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 59.712 ng
RT: 17.033 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

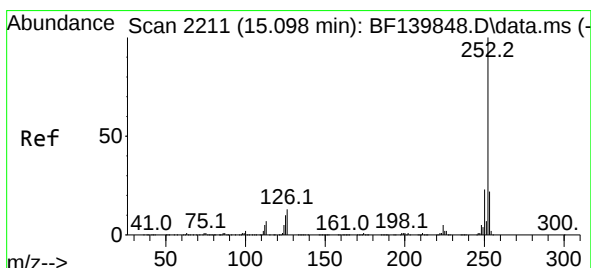
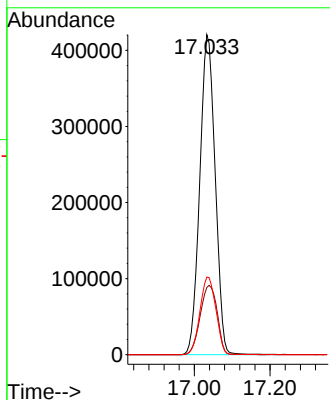
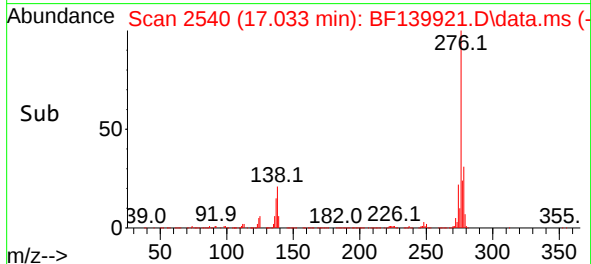
Instrument :
BNA_F
ClientSampleId :
PB164071BS



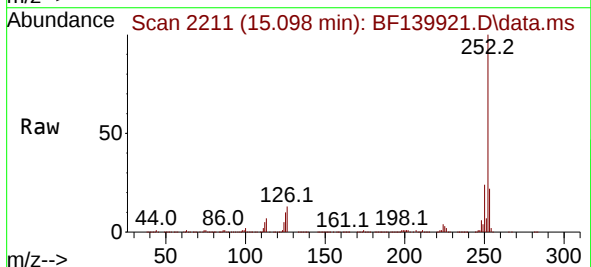
Tgt Ion:276 Resp: 1186119
Ion Ratio Lower Upper
276 100
138 23.9 20.4 30.6
277 25.2 20.2 30.4

Manual Integrations
APPROVED

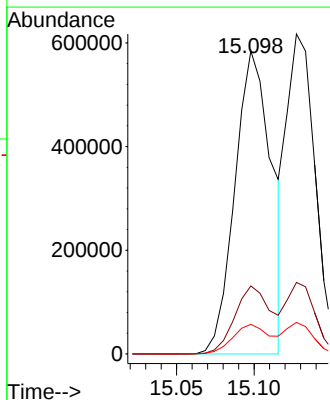
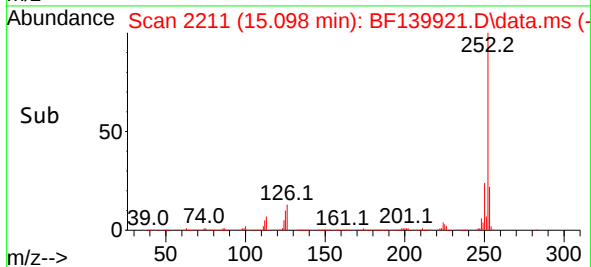
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

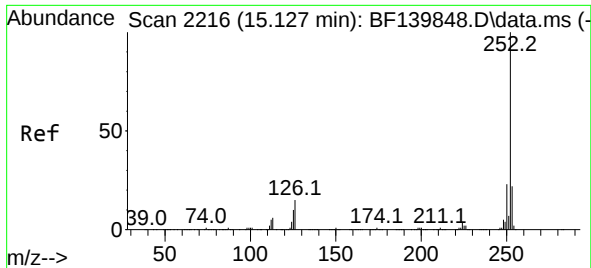


#88
Benzo(b)fluoranthene
Concen: 51.225 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34



Tgt Ion:252 Resp: 963492
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 48.397 ng
RT: 15.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

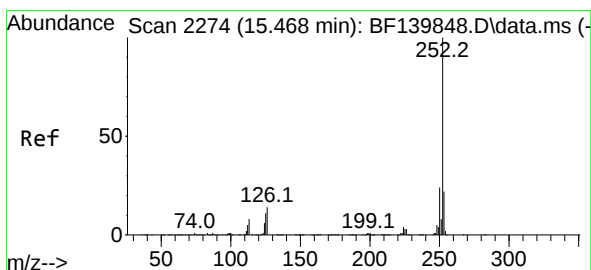
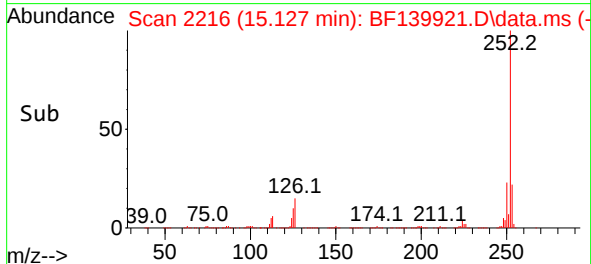
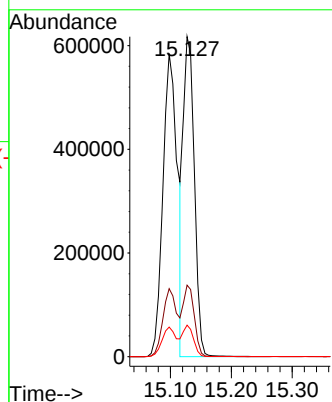
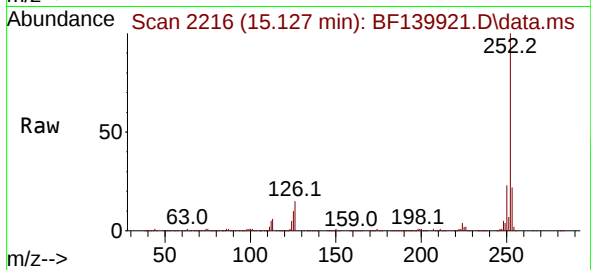
PB164071BS

Tgt Ion:252 Resp: 785059
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.9 7.9 11.9

Manual Integrations

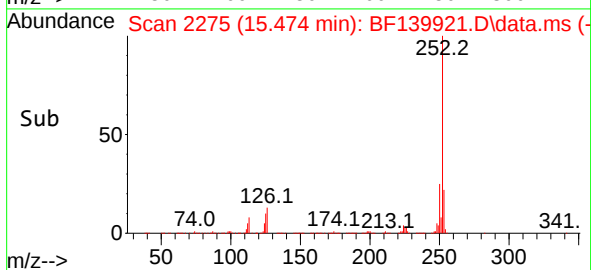
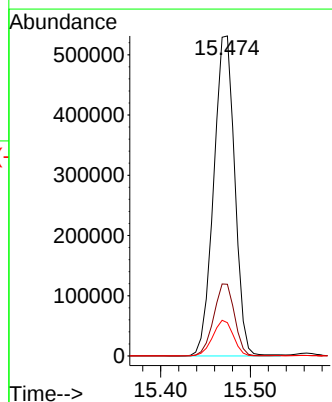
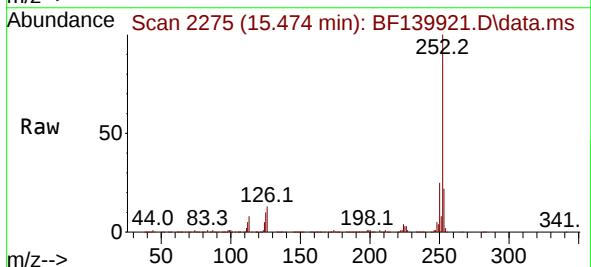
APPROVED

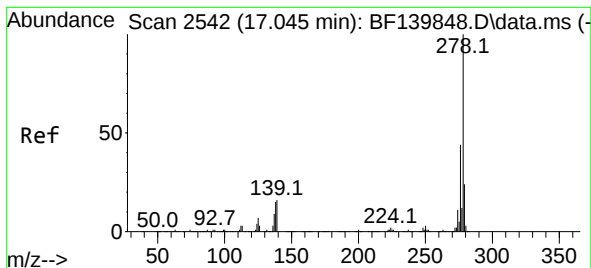
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#90
Benzo(a)pyrene
Concen: 55.959 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139921.D
Acq: 22 Oct 2024 11:34

Tgt Ion:252 Resp: 866062
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 58.486 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Tgt Ion:278 Resp: 96917

Ion Ratio Lower Upper

278 100

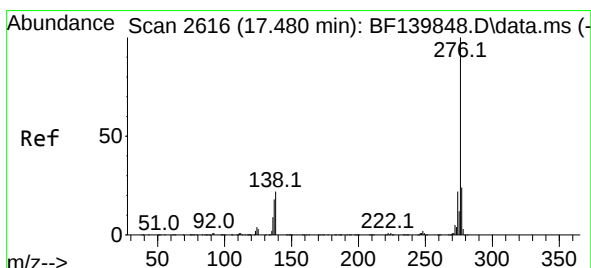
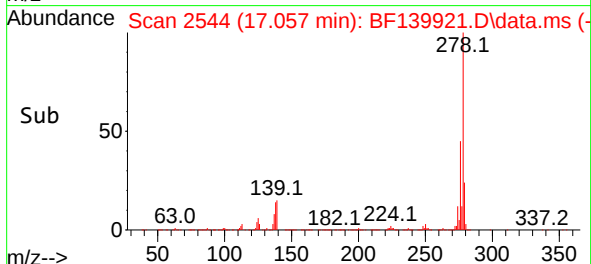
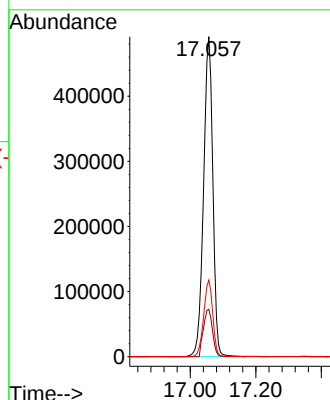
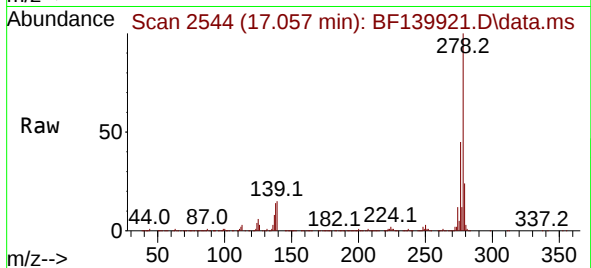
139 14.8 13.1 19.7

279 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#92

Benzo(g,h,i)perylene

Concen: 54.921 ng

RT: 17.492 min Scan# 2618

Delta R.T. 0.012 min

Lab File: BF139921.D

Acq: 22 Oct 2024 11:34

Tgt Ion:276 Resp: 909062

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 20.5 17.4 26.0

