

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139923.D
 Acq On : 22 Oct 2024 12:32
 Operator : RC/JU
 Sample : PB164176BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164176BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 12:58:56 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	165542	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	634379	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	355350	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	625992	20.000	ng	0.00
76) Chrysene-d12	14.057	240	293284	20.000	ng	0.00
86) Perylene-d12	15.533	264	338967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1312329	124.104	ng	0.02
7) Phenol-d6	6.516	99	1647552	120.298	ng	0.00
23) Nitrobenzene-d5	7.451	82	1064792	93.027	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	477931	143.789	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1874648	87.188	ng	0.00
79) Terphenyl-d14	12.998	244	1876342	104.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	173661	35.223	ng	97
3) Pyridine	3.510	79	468017	38.297	ng	97
4) n-Nitrosodimethylamine	3.463	42	269167	40.995	ng	97
6) Aniline	6.551	93	517777	40.565	ng	99
8) 2-Chlorophenol	6.675	128	497364	46.008	ng	98
9) Benzaldehyde	6.440	77	121138	15.723	ng	98
10) Phenol	6.528	94	615529m	43.594	ng	
11) bis(2-Chloroethyl)ether	6.628	93	479034	43.894	ng	99
12) 1,3-Dichlorobenzene	6.834	146	528251	42.569	ng	99
13) 1,4-Dichlorobenzene	6.910	146	535330	43.180	ng	99
14) 1,2-Dichlorobenzene	7.063	146	514169	44.437	ng	98
15) Benzyl Alcohol	7.028	79	458671	45.656	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	813648	43.724	ng	98
17) 2-Methylphenol	7.134	107	411904	44.685	ng	99
18) Hexachloroethane	7.404	117	197068	44.575	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	362519	43.643	ng	98
20) 3+4-Methylphenols	7.293	107	514182	43.610	ng	# 82
22) Acetophenone	7.298	105	679963	43.761	ng	100
24) Nitrobenzene	7.475	77	541716	43.167	ng	98
25) Isophorone	7.710	82	984727	45.328	ng	99
26) 2-Nitrophenol	7.787	139	253014	53.443	ng	96
27) 2,4-Dimethylphenol	7.822	122	417862	52.933	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	587331	44.623	ng	99
29) 2,4-Dichlorophenol	8.028	162	412919	45.922	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	433390	43.559	ng	99
31) Naphthalene	8.192	128	1434823	43.855	ng	100
32) Benzoic acid	7.934	122	315503	45.823	ng	99
33) 4-Chloroaniline	8.240	127	207083	18.562	ng	97
34) Hexachlorobutadiene	8.310	225	277615	44.409	ng	99
35) Caprolactam	8.610	113	133141m	46.568	ng	
36) 4-Chloro-3-methylphenol	8.716	107	447497	44.946	ng	98
37) 2-Methylnaphthalene	8.887	142	908891	45.360	ng	99
38) 1-Methylnaphthalene	8.987	142	848656	43.169	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	419540	43.762	ng	98
41) Hexachlorocyclopentadiene	9.039	237	577915	173.249	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	318733	46.960	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	317804	45.383	ng	99
46) 1,1'-Biphenyl	9.351	154	1084962	43.859	ng	100
47) 2-Chloronaphthalene	9.375	162	860990	43.214	ng	99
48) 2-Nitroaniline	9.469	65	299651	49.175	ng	94
49) Acenaphthylene	9.792	152	1352129	46.942	ng	99
50) Dimethylphthalate	9.651	163	1006470	45.472	ng	99
51) 2,6-Dinitrotoluene	9.710	165	226474	47.256	ng	98
52) Acenaphthene	9.963	154	934861	50.172	ng	99
53) 3-Nitroaniline	9.875	138	139047	28.135	ng	99
54) 2,4-Dinitrophenol	9.986	184	238051	116.326	ng	# 1
55) Dibenzofuran	10.139	168	1192877	44.620	ng	99
56) 4-Nitrophenol	10.034	139	385149	101.294	ng	98
57) 2,4-Dinitrotoluene	10.116	165	304318	51.637	ng	96
58) Fluorene	10.481	166	902199	44.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	267802	48.783	ng	97
60) Diethylphthalate	10.351	149	970470	44.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	456673	44.410	ng	100
62) 4-Nitroaniline	10.492	138	221610	47.477	ng	98
63) Azobenzene	10.633	77	1012001	43.924	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	159277	62.378	ng	92
66) n-Nitrosodiphenylamine	10.586	169	848537	45.290	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	298023	46.213	ng	95
68) Hexachlorobenzene	11.028	284	327034	45.090	ng	97
69) Atrazine	11.116	200	270618	53.321	ng	99
70) Pentachlorophenol	11.216	266	409892	93.119	ng	99
71) Phenanthrene	11.439	178	1351322	45.700	ng	100
72) Anthracene	11.492	178	1354140	46.937	ng	99
73) Carbazole	11.645	167	1172325	43.692	ng	99
74) Di-n-butylphthalate	11.975	149	1376818	44.415	ng	100
75) Fluoranthene	12.627	202	1302514	43.574	ng	99
77) Benzidine	12.745	184	267665	55.502	ng	99
78) Pyrene	12.857	202	1310725	51.056	ng	100
80) Butylbenzylphthalate	13.474	149	389633	50.624	ng	100
81) Benzo(a)anthracene	14.045	228	897179	46.993	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	174806	31.403	ng	99
83) Chrysene	14.080	228	825042	47.132	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	454657	52.652	ng	99
85) Di-n-octyl phthalate	14.645	149	847391	53.952	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1161987	53.286	ng	98
88) Benzo(b)fluoranthene	15.098	252	945107	45.771	ng	99
89) Benzo(k)fluoranthene	15.127	252	754131	42.349	ng	100
90) Benzo(a)pyrene	15.468	252	855994	50.382	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	949245	52.180	ng	99
92) Benzo(g,h,i)perylene	17.486	276	893724	49.184	ng	99

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

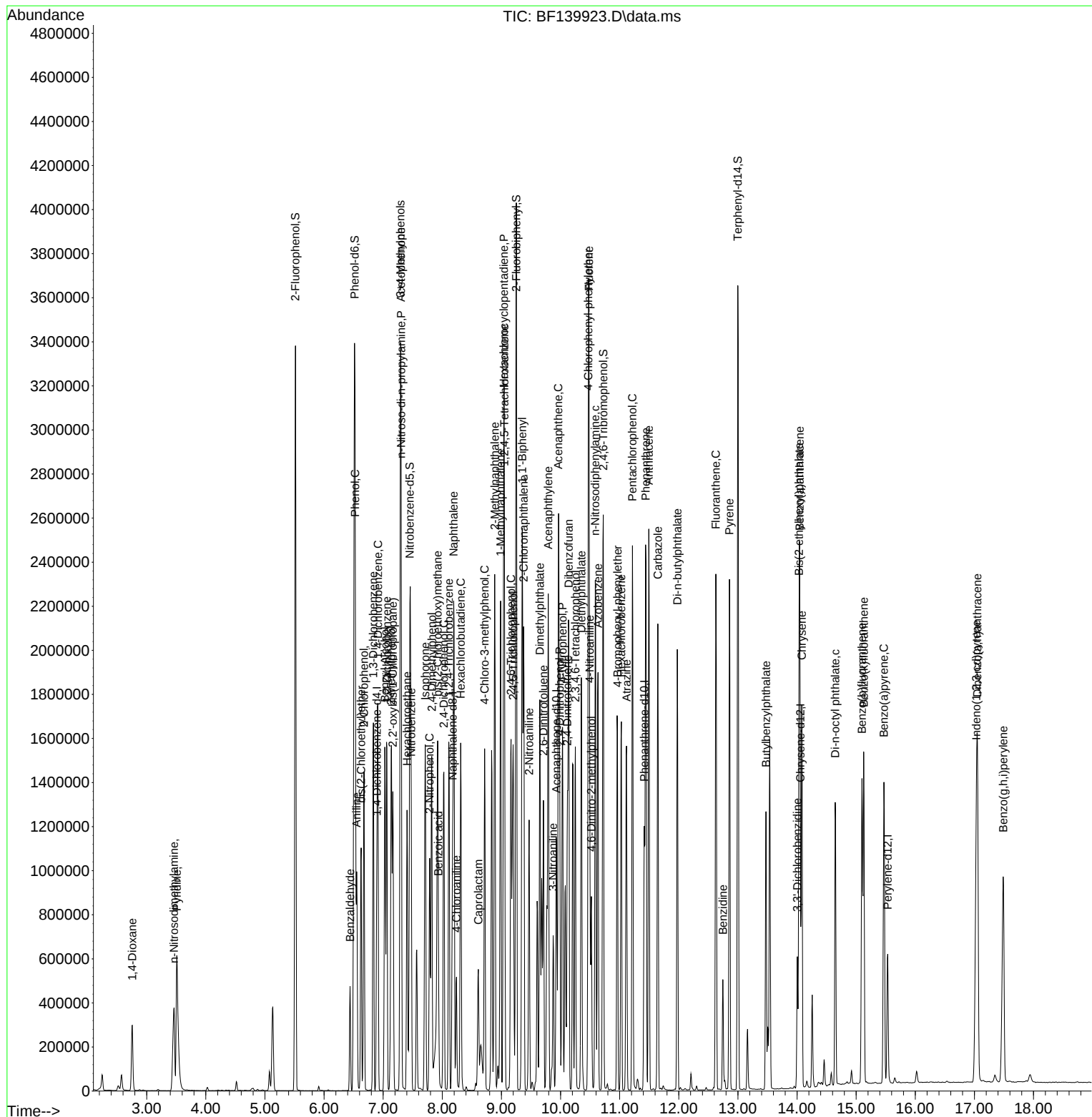
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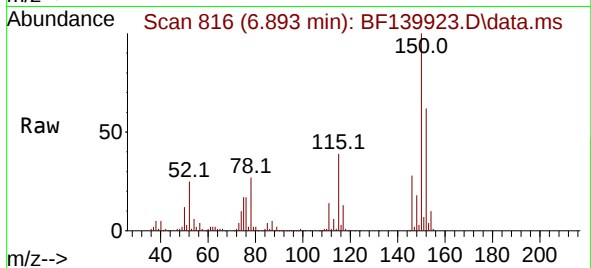
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

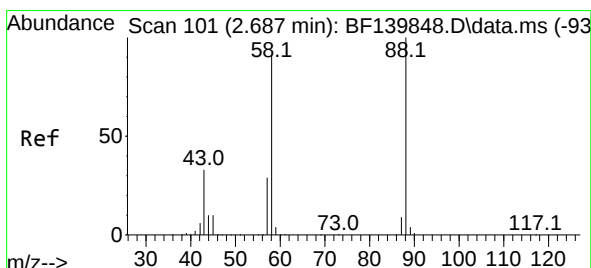
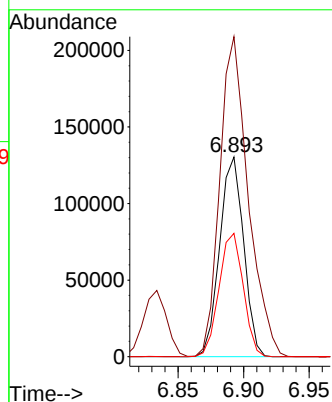
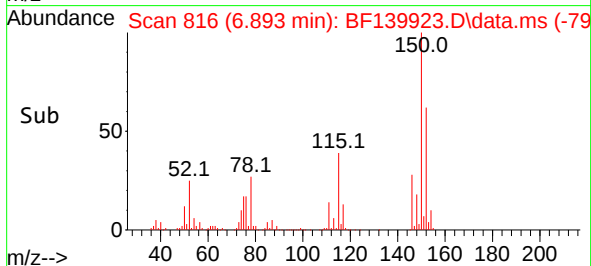
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BNA_F
ClientSampleId :
PB164176BS



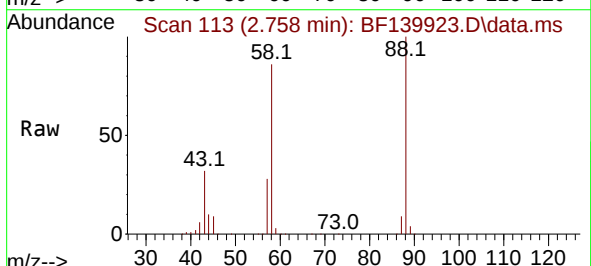
Tgt Ion:152 Resp: 16554
Ion Ratio Lower Upper
152 100
150 160.3 130.2 195.2
115 61.8 51.4 77.2

Manual Integrations
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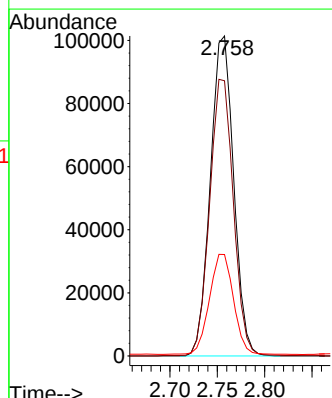
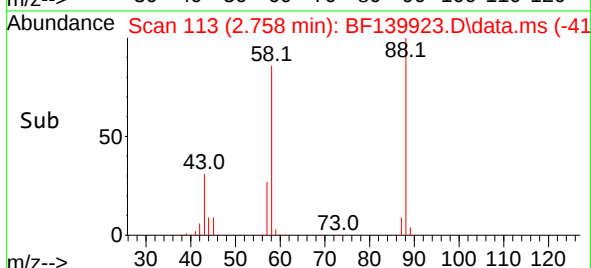
Reviewed By :Jagrut Upadhyay 10/23/2024
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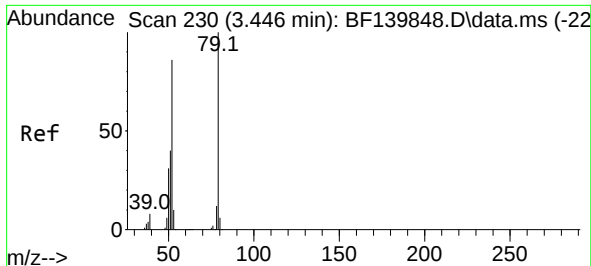


#2
1,4-Dioxane
Concen: 35.223 ng
RT: 2.758 min Scan# 113
Delta R.T. 0.071 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



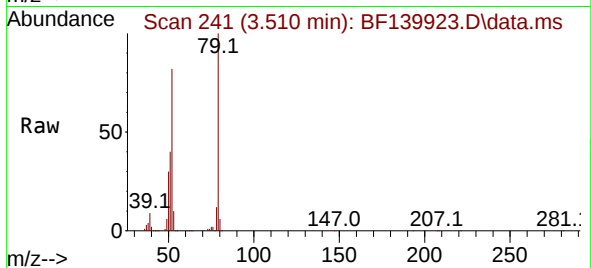
Tgt Ion: 88 Resp: 173661
Ion Ratio Lower Upper
88 100
58 88.3 73.3 109.9
43 32.3 27.1 40.7





#3
Pyridine
Concen: 38.297 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.065 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

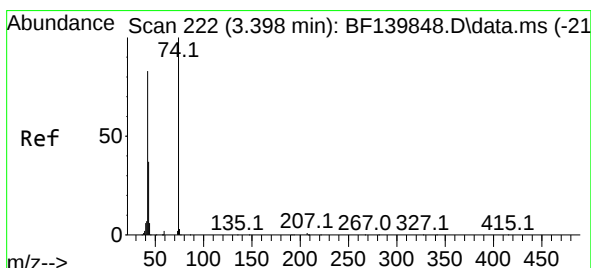
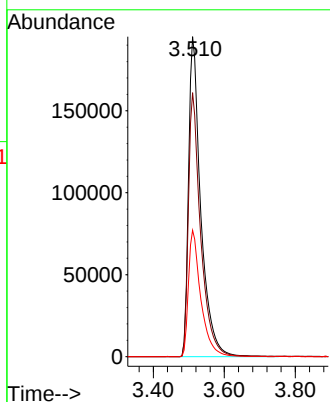
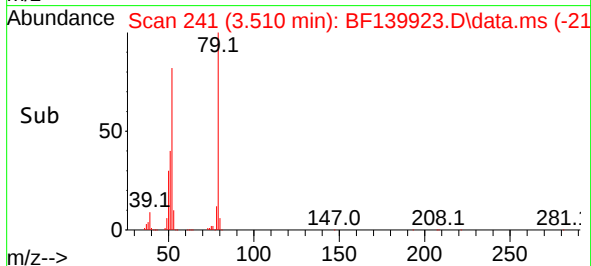
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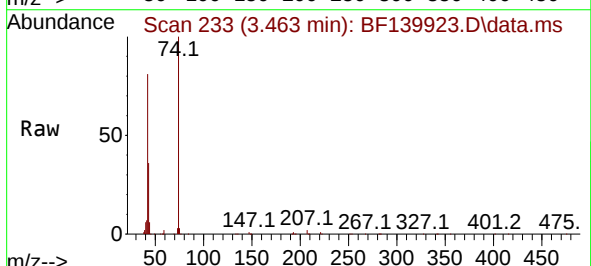
Tgt Ion: 79 Resp: 46801
Ion Ratio Lower Upper
79 100
52 82.5 68.5 102.7
51 39.5 32.3 48.5

Manual Integrations
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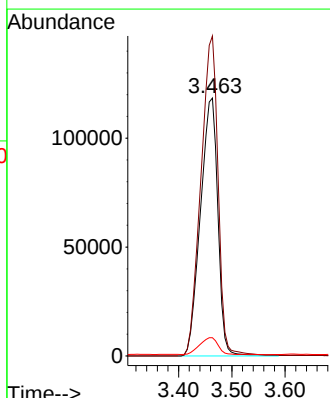
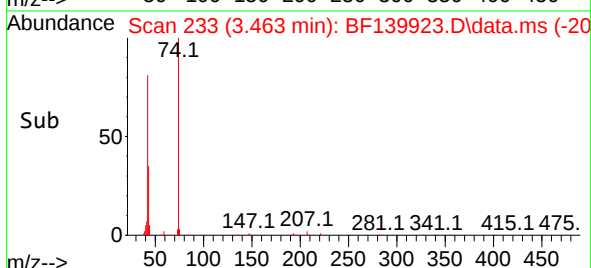
Reviewed By :Jagrut Upadhyay 10/23/2024
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#4
n-Nitrosodimethylamine
Concen: 40.995 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.065 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion: 42 Resp: 269167
Ion Ratio Lower Upper
42 100
74 124.0 96.2 144.4
44 7.1 6.2 9.2





#5
2-Fluorophenol
Concen: 124.104 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

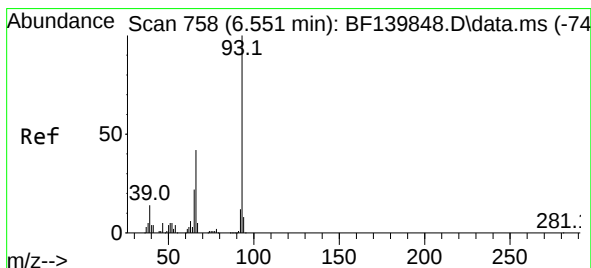
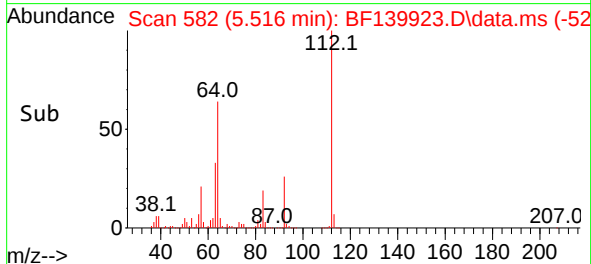
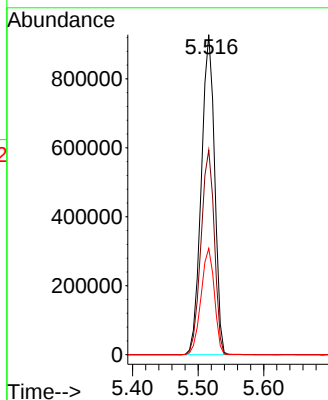
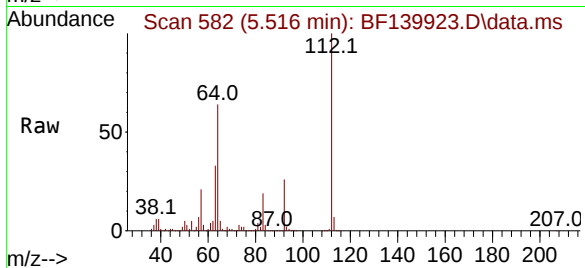
ClientSampleId :

PB164176BS

Tgt Ion:112 Resp: 1312329
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.2 27.0 40.4

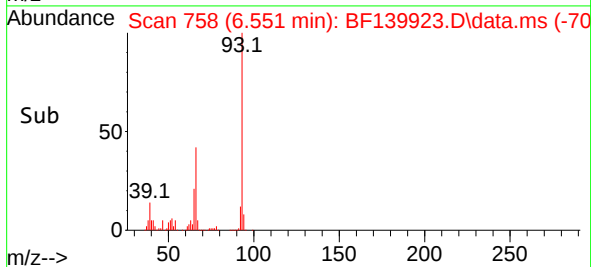
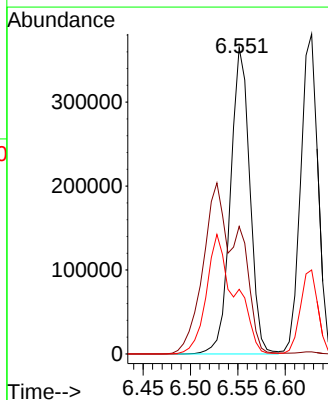
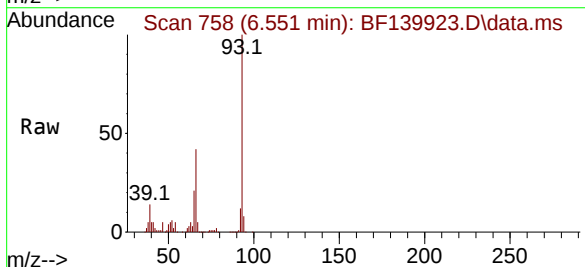
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#6
Aniline
Concen: 40.565 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 93 Resp: 517777
Ion Ratio Lower Upper
93 100
66 41.6 34.0 51.0
65 21.1 17.4 26.0





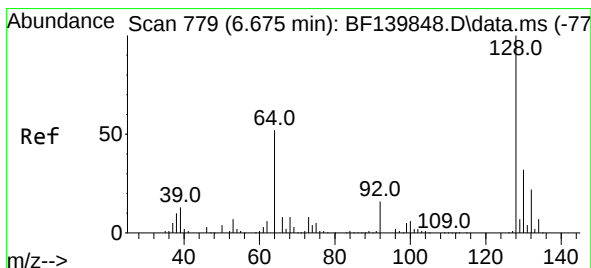
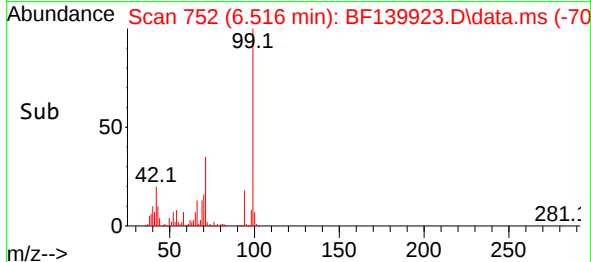
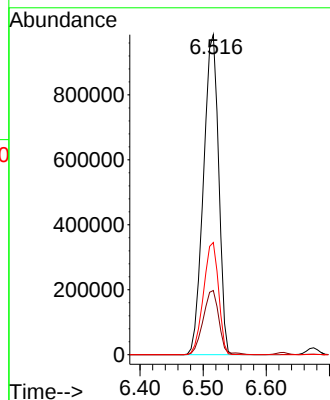
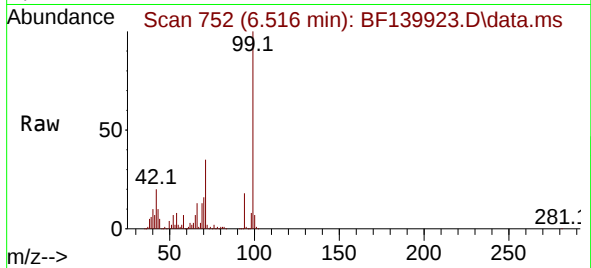
#7
Phenol-d6
Concen: 120.298 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

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ClientSampleId :
PB164176BS

Tgt Ion: 99 Resp: 164755
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 35.1 27.7 41.5

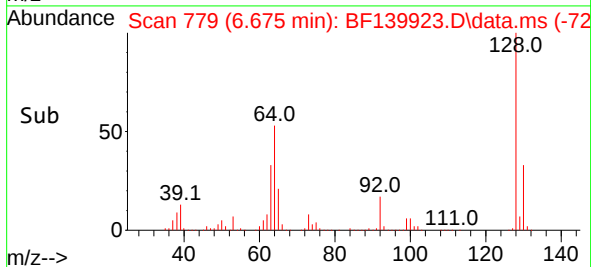
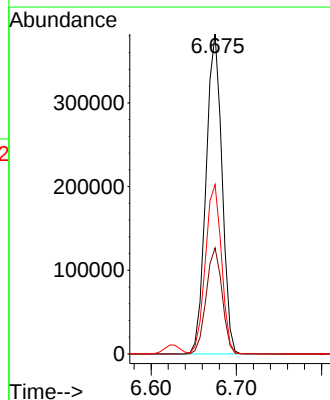
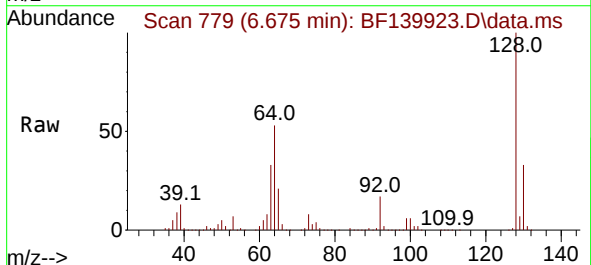
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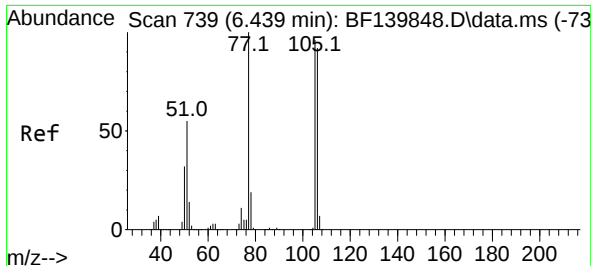
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#8
2-Chlorophenol
Concen: 46.008 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

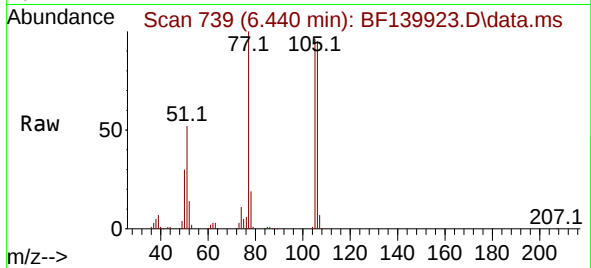
Tgt Ion:128 Resp: 497364
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 52.9 34.6 74.6





#9
Benzaldehyde
Concen: 15.723 ng
RT: 6.440 min Scan# 713
Delta R.T. 0.001 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

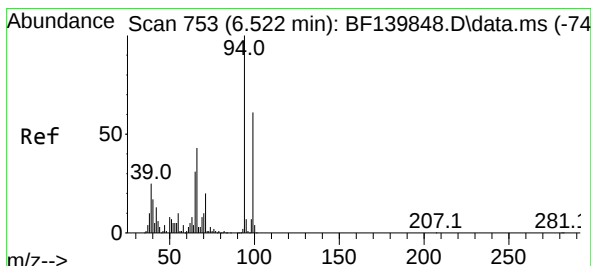
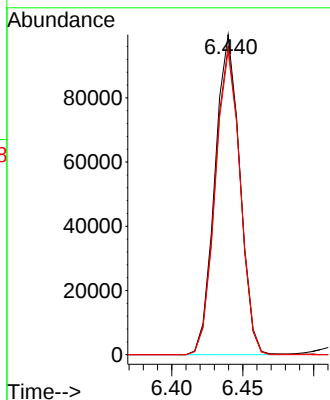
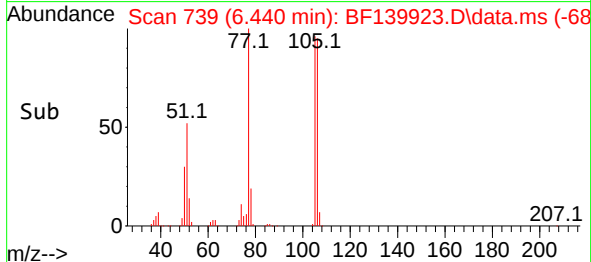
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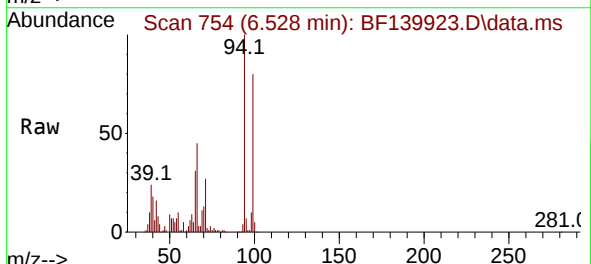
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Ion Ratio Lower Upper
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105 96.5 75.5 115.5
106 94.9 71.7 111.7

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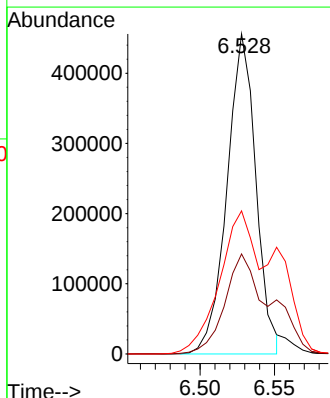
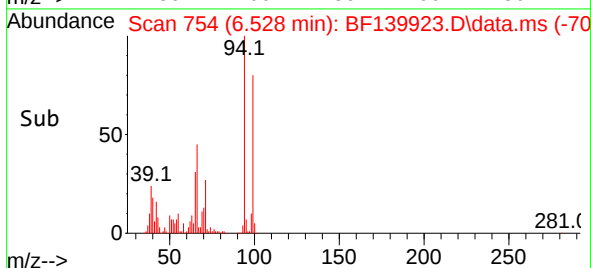
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

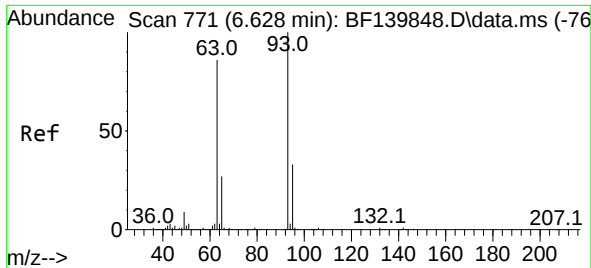


#10
Phenol
Concen: 43.594 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



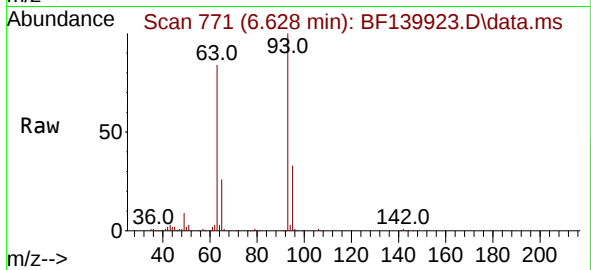
Tgt Ion: 94 Resp: 615529
Ion Ratio Lower Upper
94 100
65 31.2 11.1 51.1
66 44.7 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 43.894 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

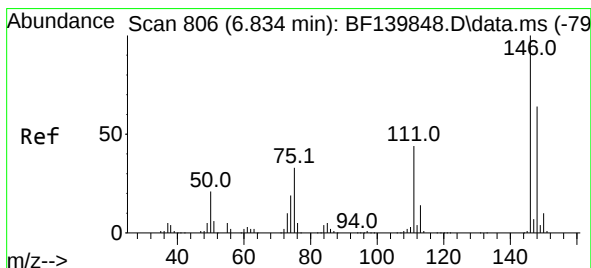
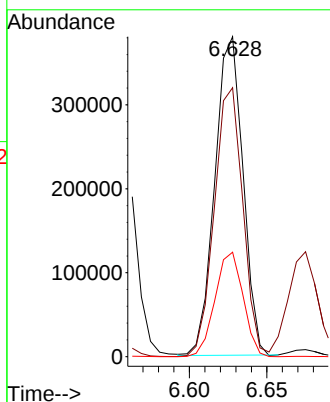
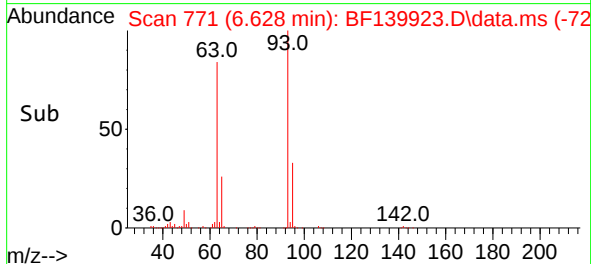
Instrument :
BNA_F
ClientSampleId :
PB164176BS



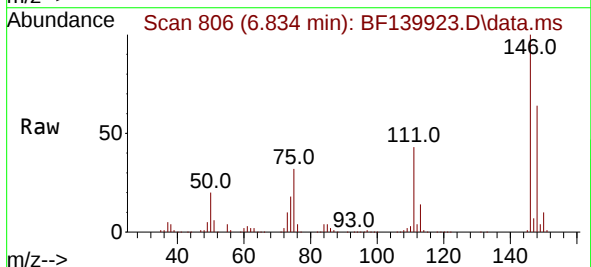
Tgt Ion: 93 Resp: 479034
Ion Ratio Lower Upper
93 100
63 84.1 65.0 105.0
95 32.7 12.4 52.4

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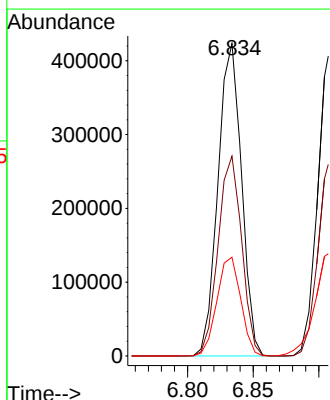
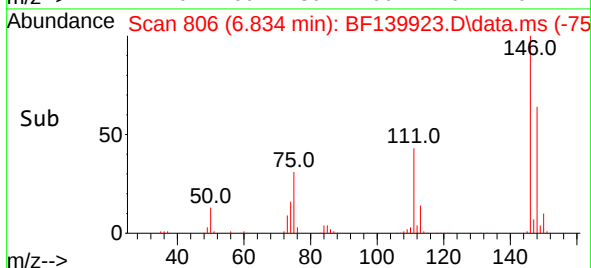
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#12
1,3-Dichlorobenzene
Concen: 42.569 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:146 Resp: 528251
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.6 26.4 39.6





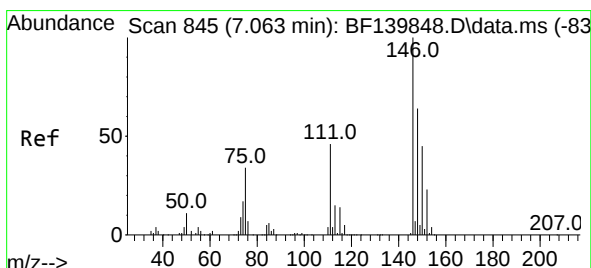
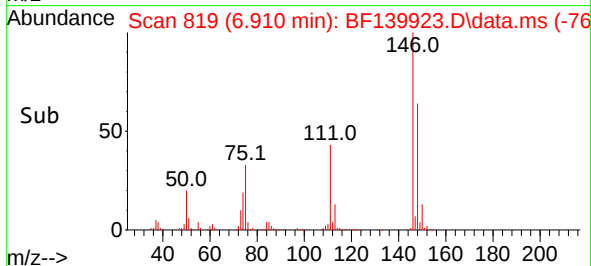
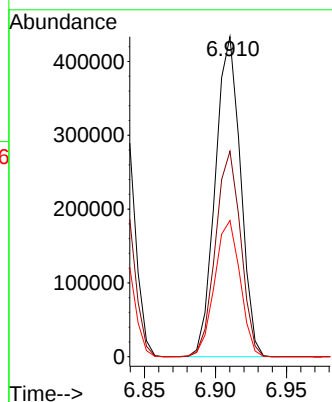
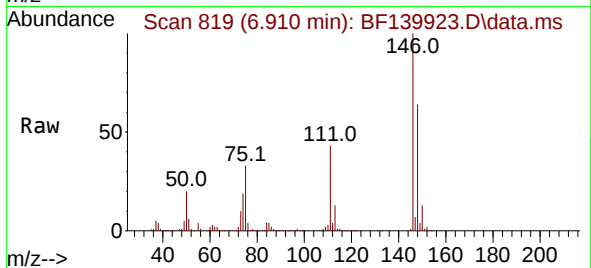
#13
1,4-Dichlorobenzene
Concen: 43.180 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion:146 Resp: 535330
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.6 34.6 51.8

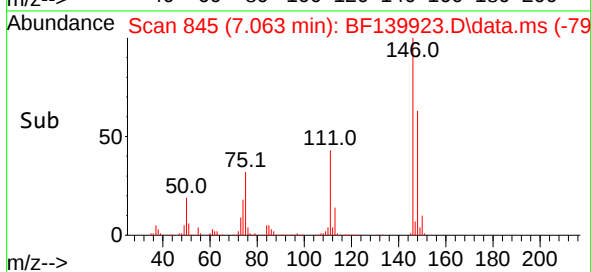
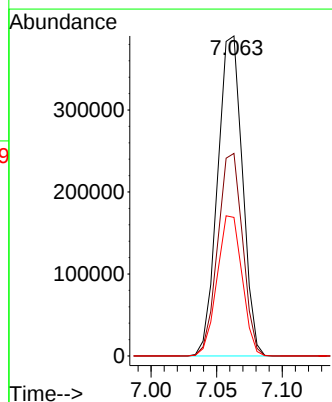
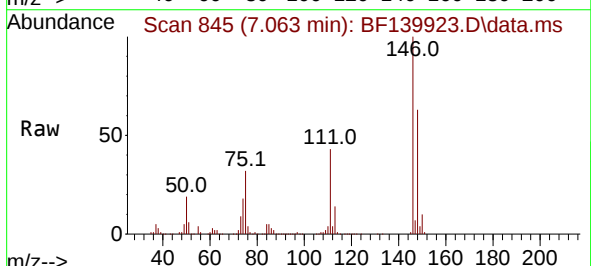
Manual Integrations
APPROVED

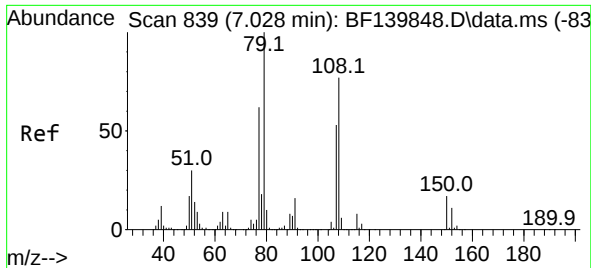
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#14
1,2-Dichlorobenzene
Concen: 44.437 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

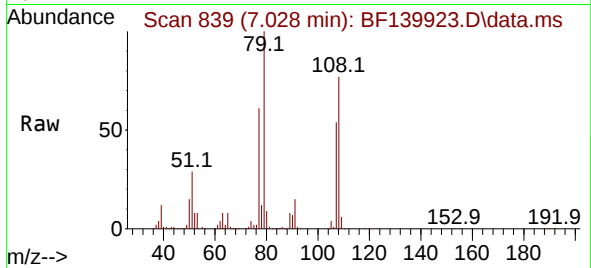
Tgt Ion:146 Resp: 514169
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 43.3 36.7 55.1





#15
Benzyl Alcohol
Concen: 45.656 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

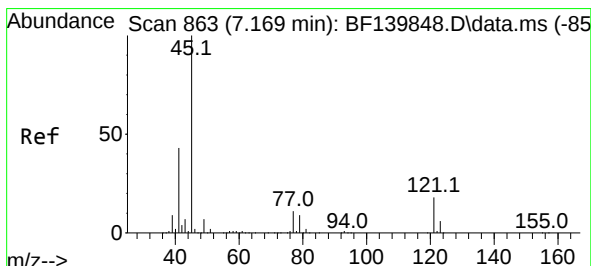
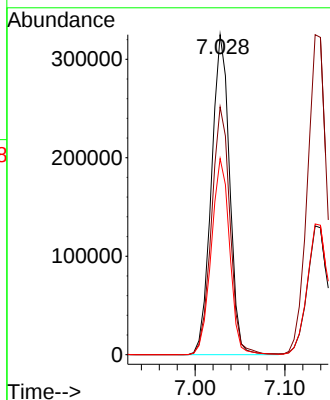
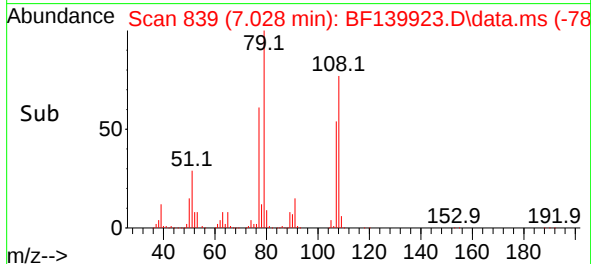
Instrument :
BNA_F
ClientSampleId :
PB164176BS



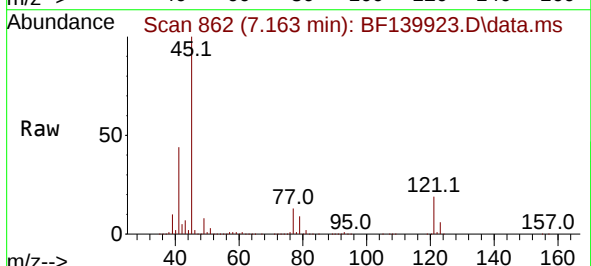
Tgt Ion: 79 Resp: 45867
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 61.3 49.9 74.9

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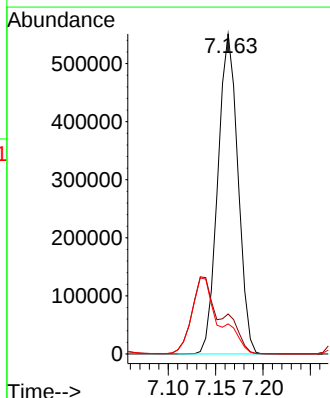
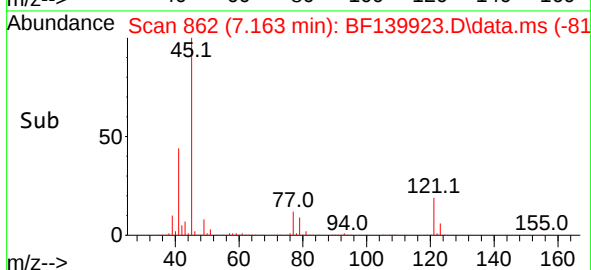
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.724 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion: 45 Resp: 813648
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.4 0.0 29.1





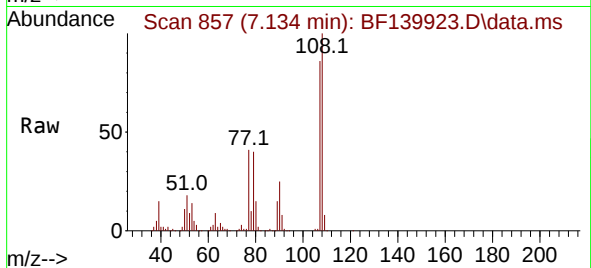
#17
2-Methylphenol
Concen: 44.685 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

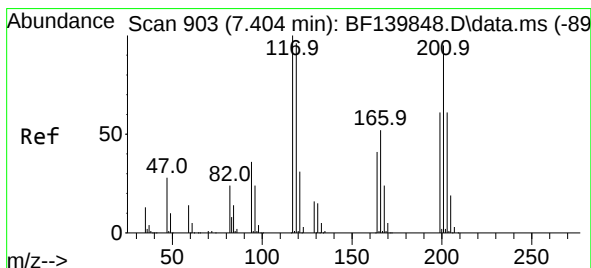
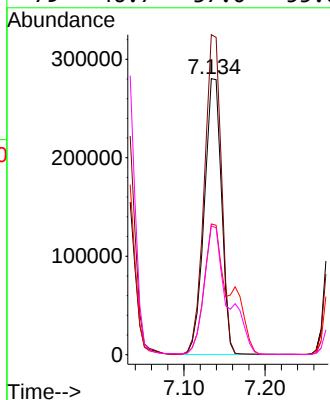
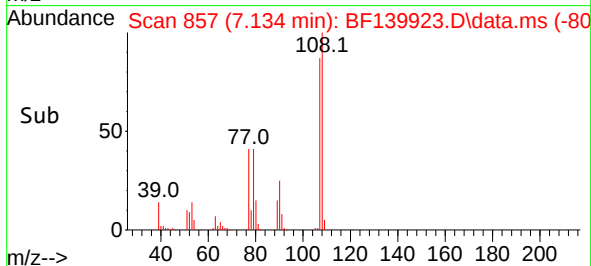


Tgt Ion:107 Resp: 411904
Ion Ratio Lower Upper
107 100
108 116.0 91.3 136.9
77 47.4 37.1 55.7
79 46.7 37.0 55.6

Manual Integrations

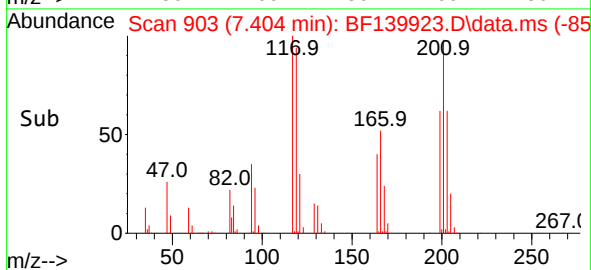
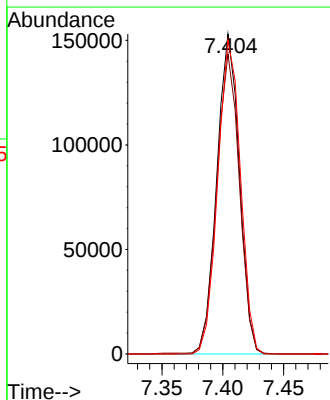
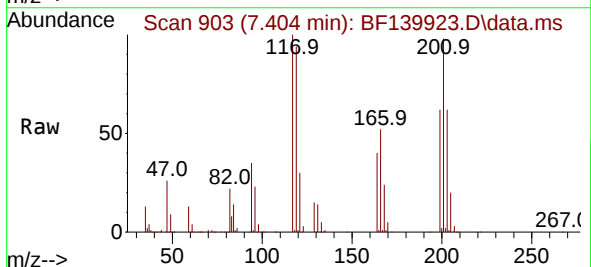
APPROVED

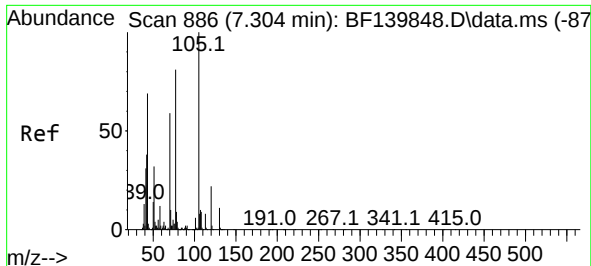
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#18
Hexachloroethane
Concen: 44.575 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:117 Resp: 197068
Ion Ratio Lower Upper
117 100
119 93.7 77.0 115.4
201 98.1 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.643 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

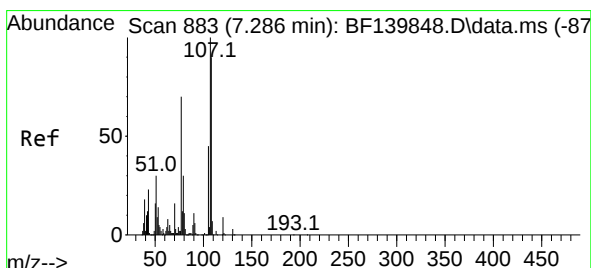
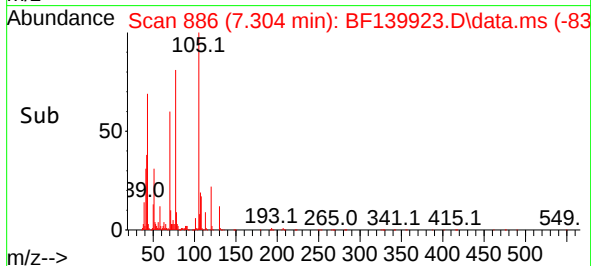
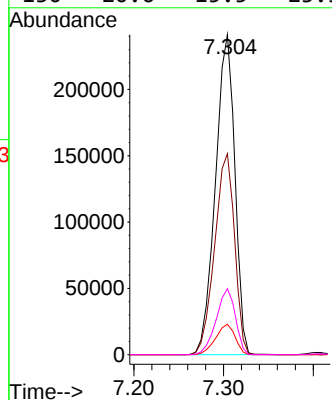
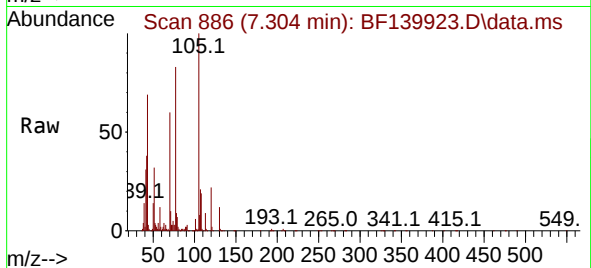
PB164176BS

Tgt Ion: 70 Resp: 362519
Ion Ratio Lower Upper
70 100
42 62.8 51.5 77.3
101 9.5 7.5 11.3
130 20.6 15.5 23.3

Manual Integrations

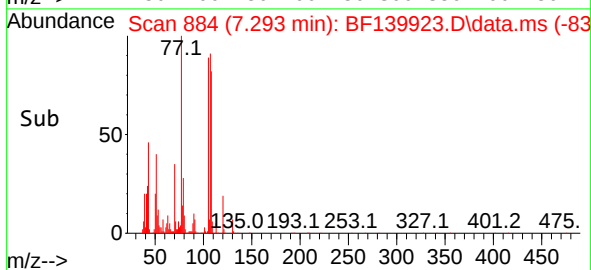
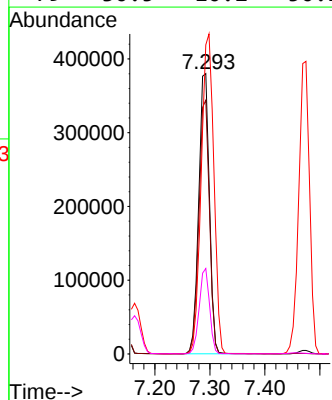
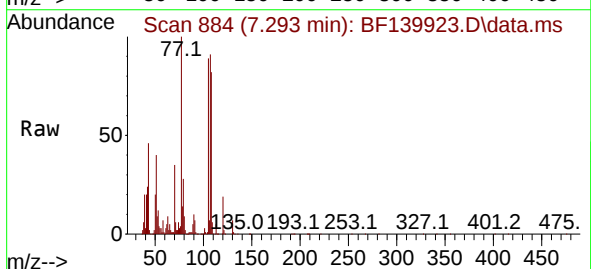
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Supervised By :mohammad ahmed 10/24/2024



#20
3+4-Methylphenols
Concen: 43.610 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:107 Resp: 514182
Ion Ratio Lower Upper
107 100
108 90.5 69.8 109.8
77 110.3 50.5 90.5#
79 30.5 10.2 50.2





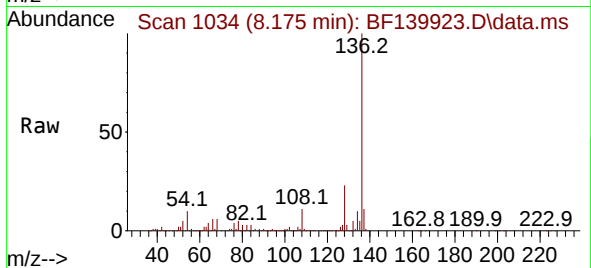
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

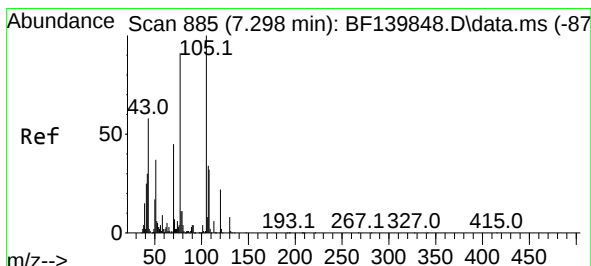
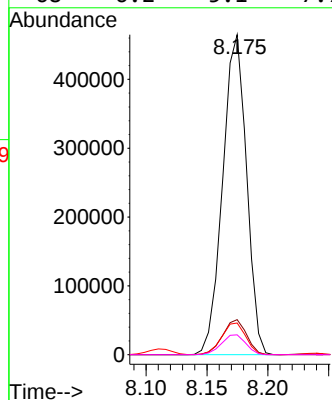
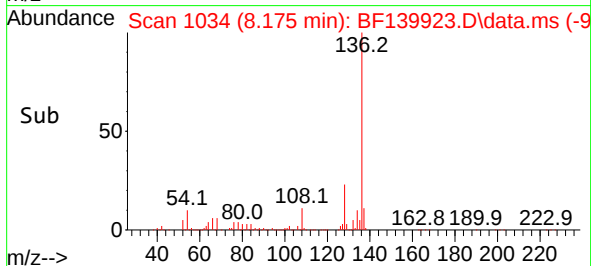


Tgt Ion:136 Resp: 634379
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.9 8.4 12.6
68 6.2 5.1 7.7

Manual Integrations

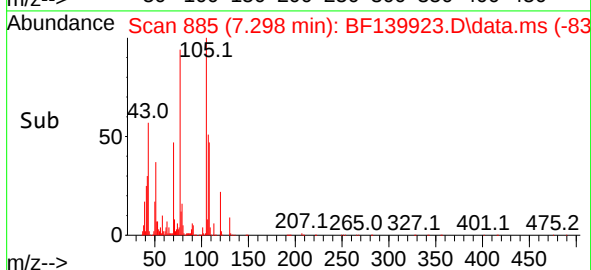
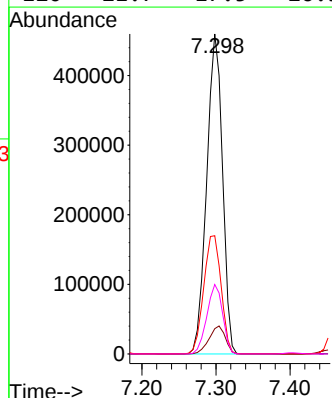
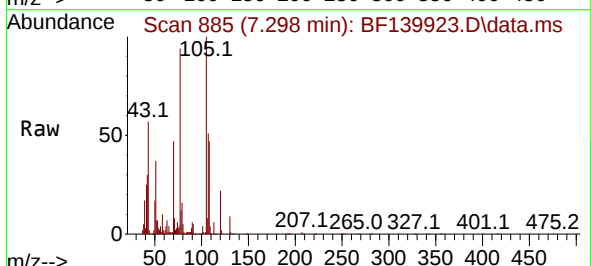
APPROVED

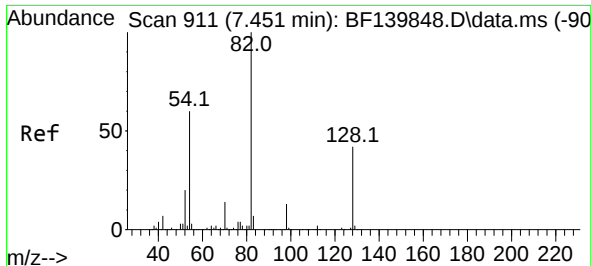
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#22
Acetophenone
Concen: 43.761 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:105 Resp: 679963
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 37.0 29.4 44.2
120 21.7 17.5 26.3





#23

Nitrobenzene-d5

Concen: 93.027 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139923.D

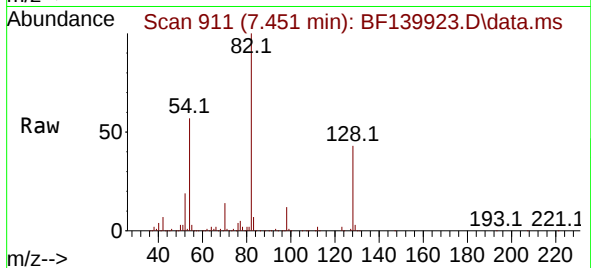
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS



Tgt Ion: 82 Resp: 106479

Ion Ratio Lower Upper

82 100

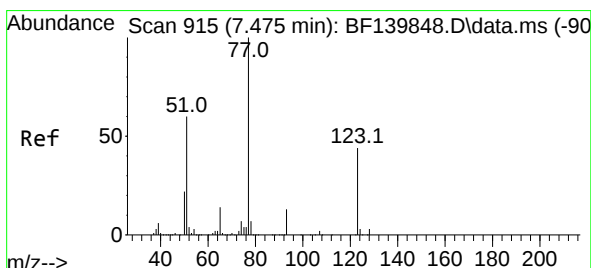
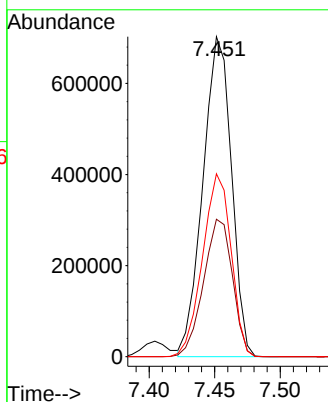
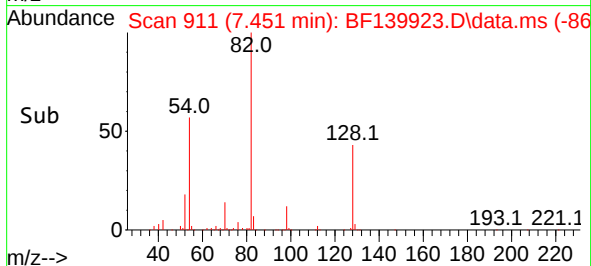
128 43.0 33.4 50.0

54 57.1 47.8 71.8

Manual Integrations

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



#24

Nitrobenzene

Concen: 43.167 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

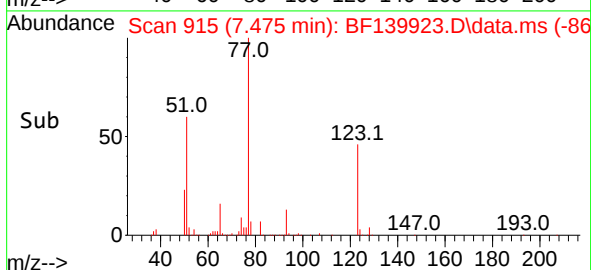
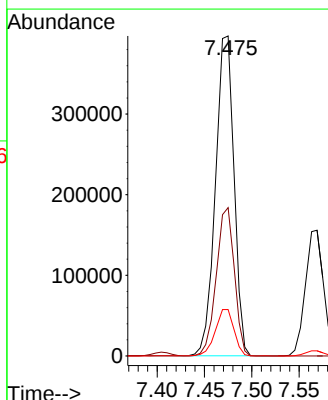
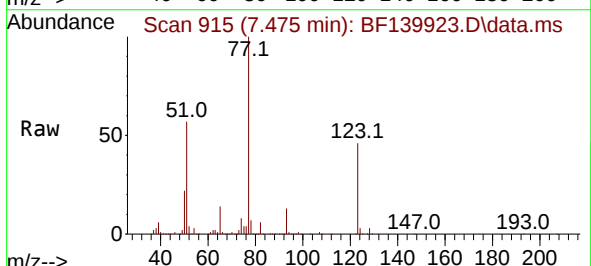
Tgt Ion: 77 Resp: 541716

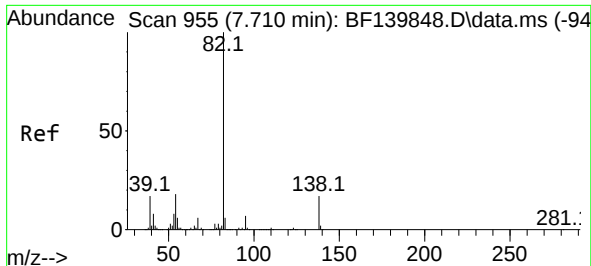
Ion Ratio Lower Upper

77 100

123 46.4 35.7 53.5

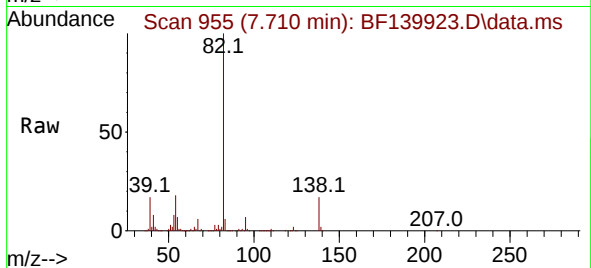
65 14.5 11.5 17.3





#25
Isophorone
Concen: 45.328 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

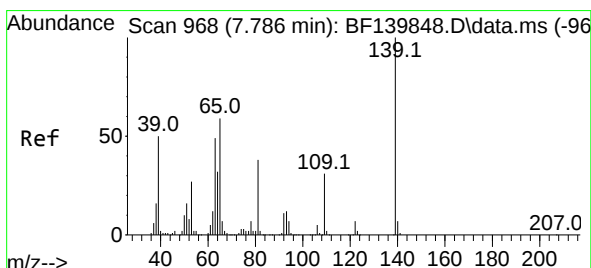
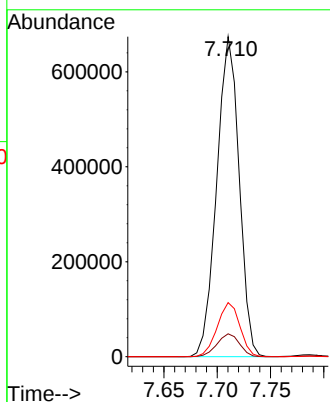
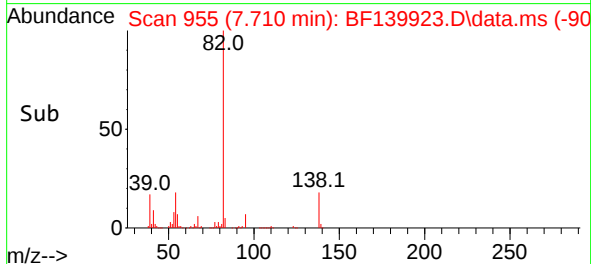
Instrument :
BNA_F
ClientSampleId :
PB164176BS



Tgt Ion: 82 Resp: 98472
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.9 13.2 19.8

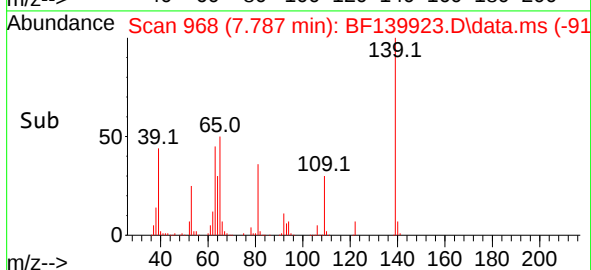
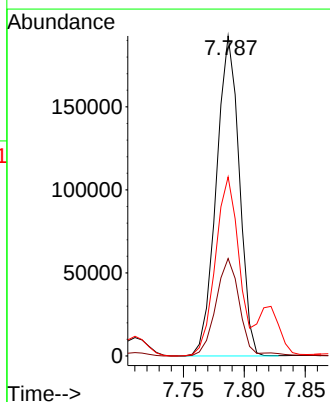
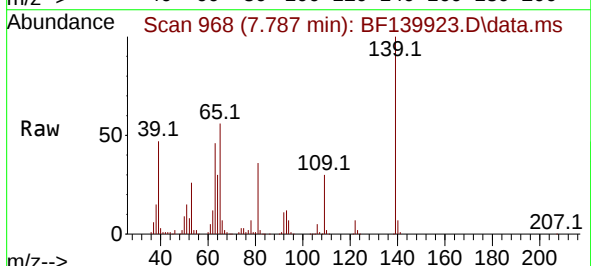
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 53.443 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:139 Resp: 253014
Ion Ratio Lower Upper
139 100
109 30.5 25.1 37.7
65 55.9 47.5 71.3





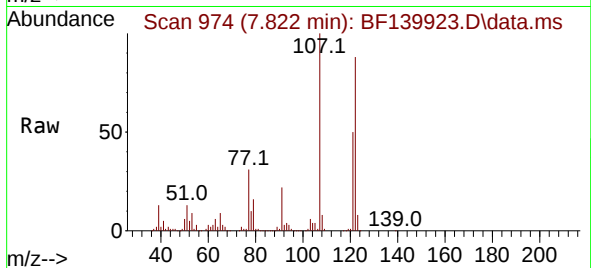
#27
2,4-Dimethylphenol
Concen: 52.933 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

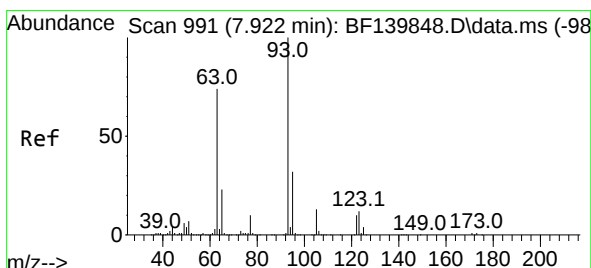
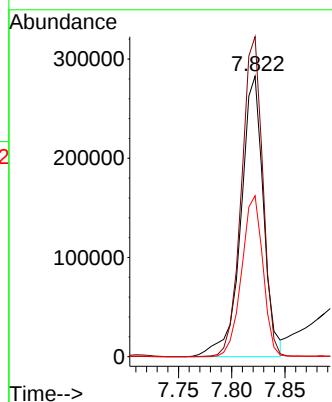
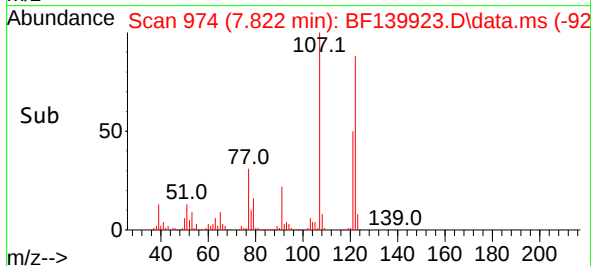


Tgt Ion:122 Resp: 417862
Ion Ratio Lower Upper
122 100
107 114.1 91.9 137.9
121 57.4 46.2 69.4

Manual Integrations

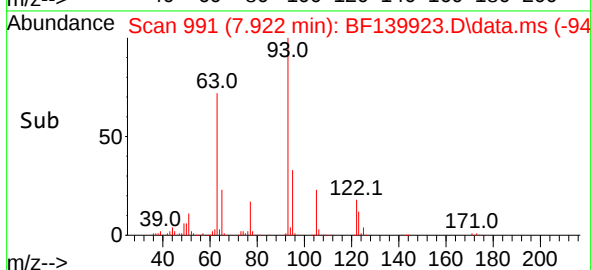
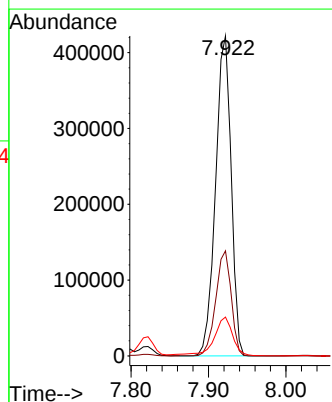
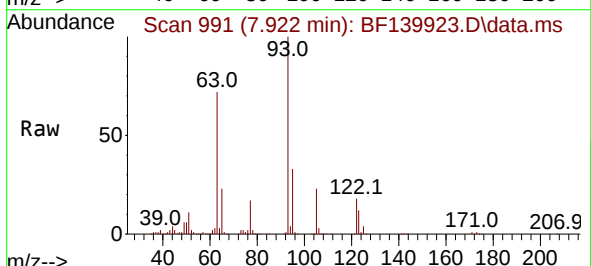
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 44.623 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 93 Resp: 587331
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 45.922 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:162 Resp: 412919

Ion Ratio Lower Upper

162 100

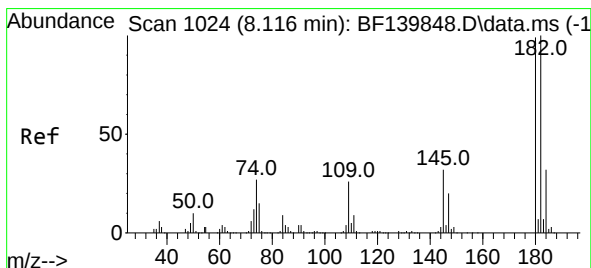
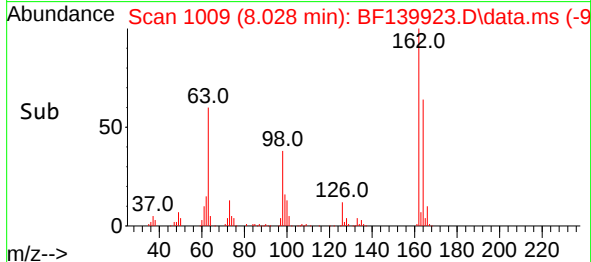
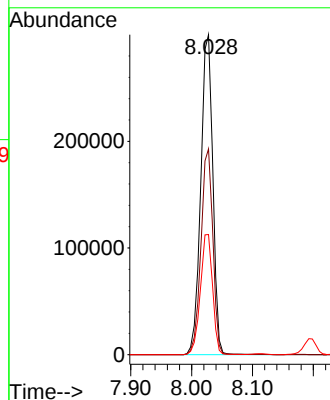
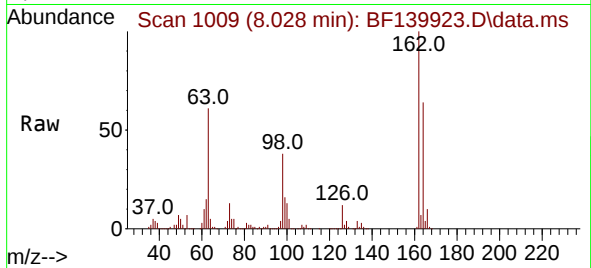
164 64.3 43.9 83.9

98 37.6 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: 43.559 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

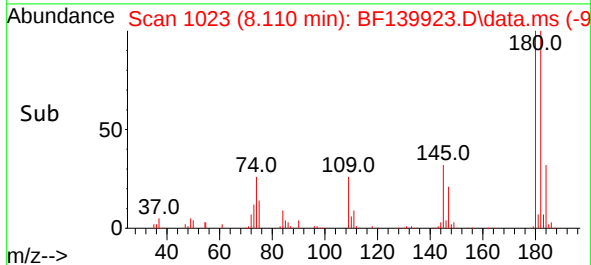
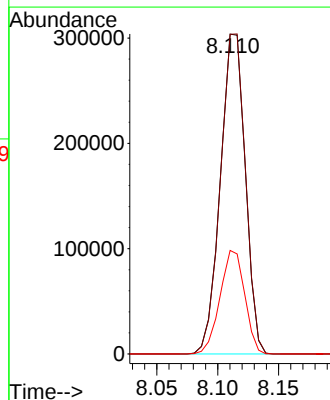
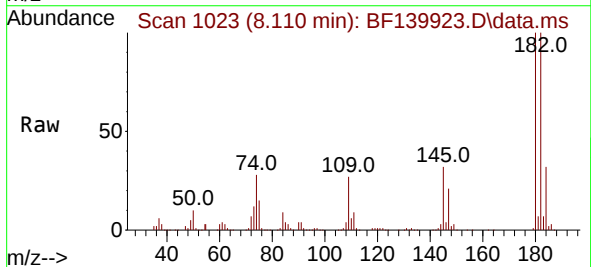
Tgt Ion:180 Resp: 433390

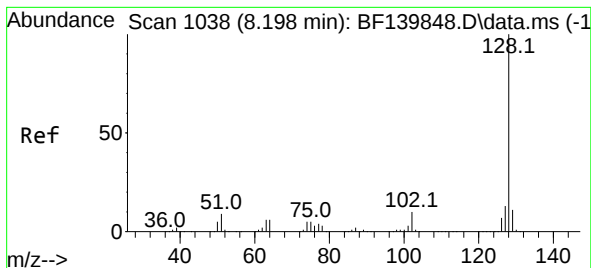
Ion Ratio Lower Upper

180 100

182 100.0 80.5 120.7

145 32.4 25.4 38.0





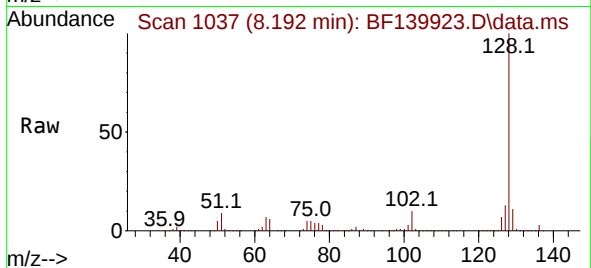
#31
Naphthalene
Concen: 43.855 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

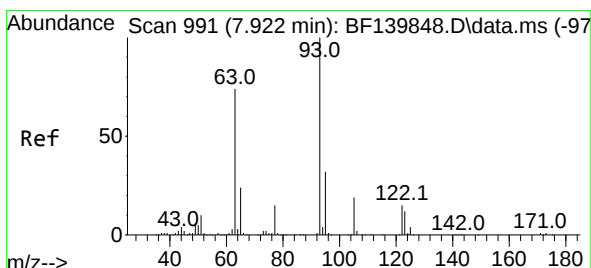
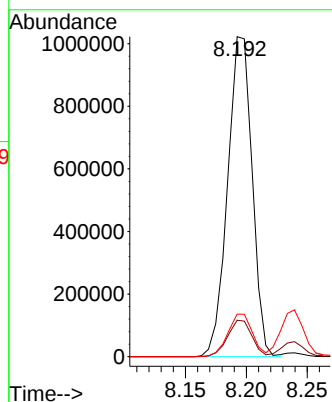
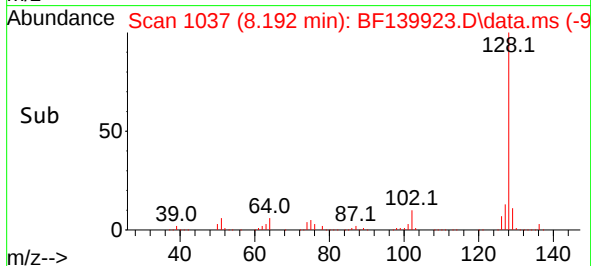


Tgt Ion:128 Resp: 143482
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.6 16.0

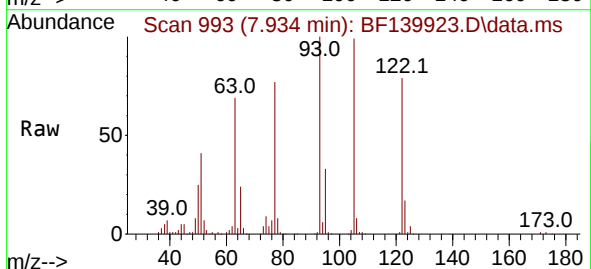
Manual Integrations

APPROVED

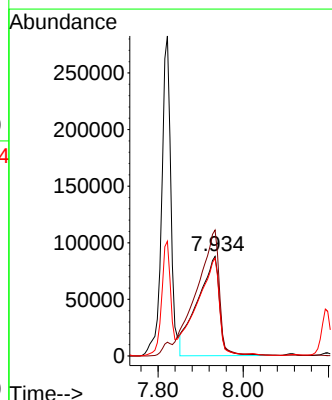
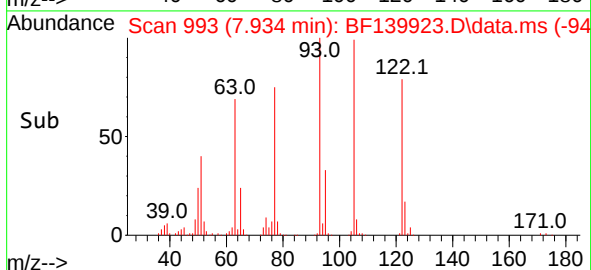
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

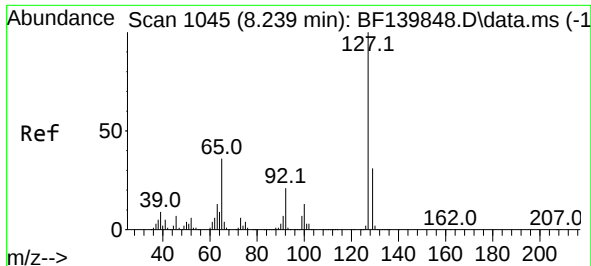


#32
Benzoic acid
Concen: 45.823 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:122 Resp: 315503
Ion Ratio Lower Upper
122 100
105 126.5 107.6 147.6
77 98.1 80.2 120.2





#33
4-Chloroaniline
Concen: 18.562 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

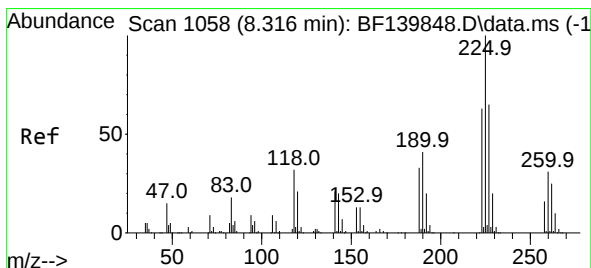
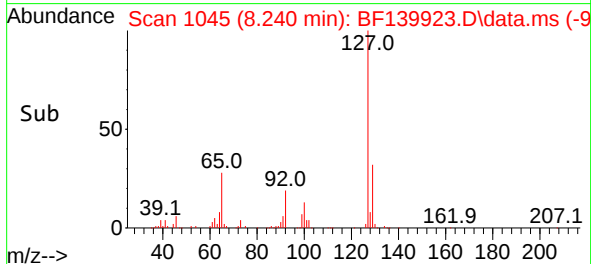
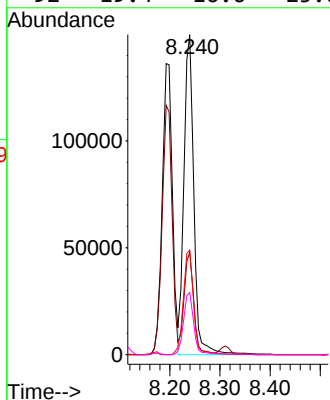
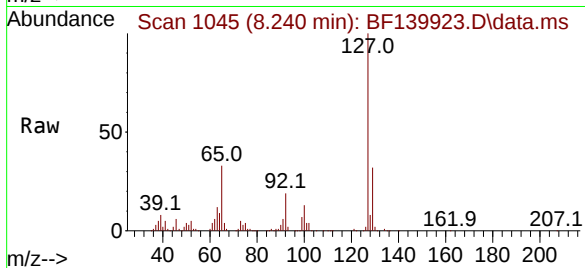
PB164176BS

Tgt Ion:127 Resp: 207083
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 32.7 28.4 42.6
92 19.4 16.6 25.0

Manual Integrations

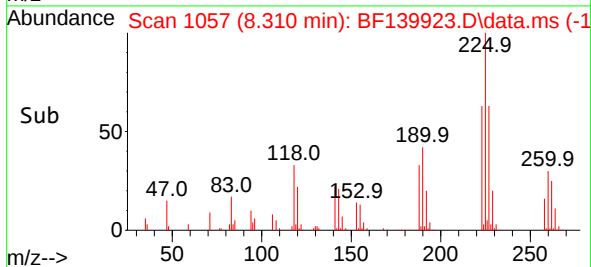
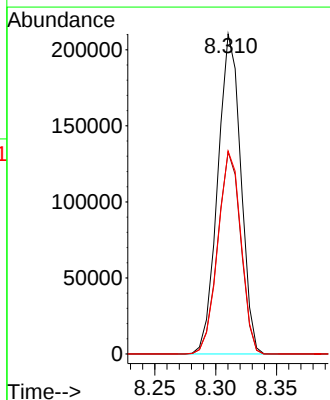
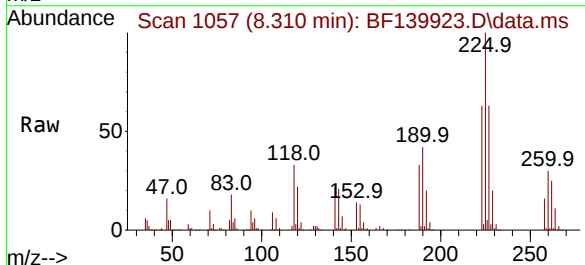
APPROVED

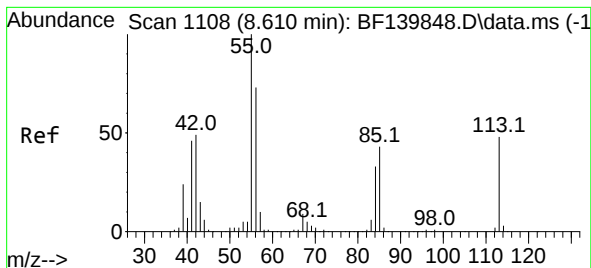
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#34
Hexachlorobutadiene
Concen: 44.409 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:225 Resp: 277615
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 63.4 51.8 77.8





#35

Caprolactam

Concen: 46.568 ng m

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:113 Resp: 13314

Ion Ratio Lower Upper

113 100

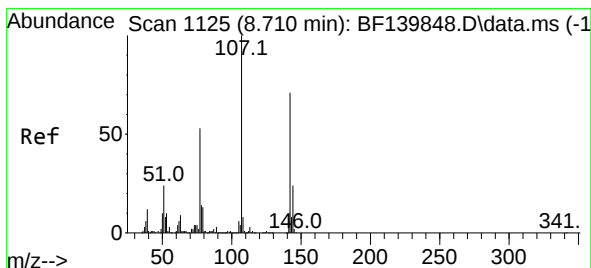
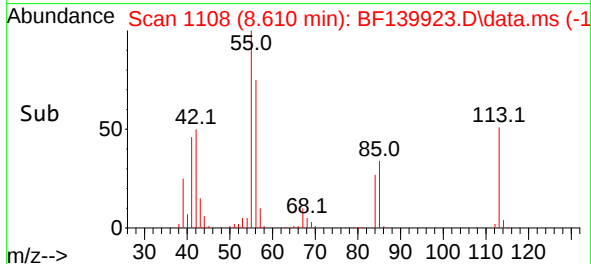
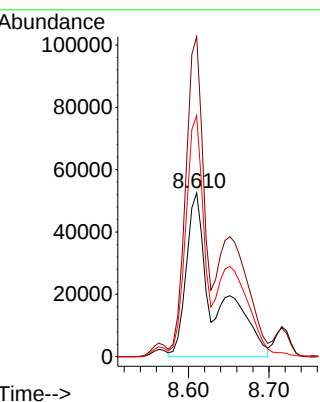
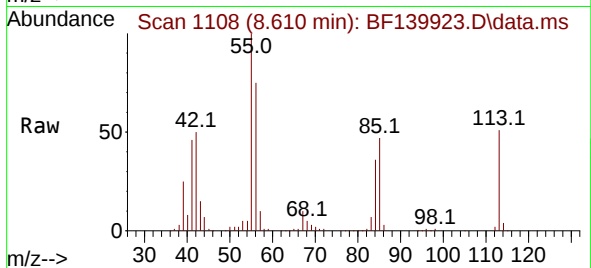
55 195.4 189.2 229.2

56 147.4 132.5 172.5

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 44.946 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

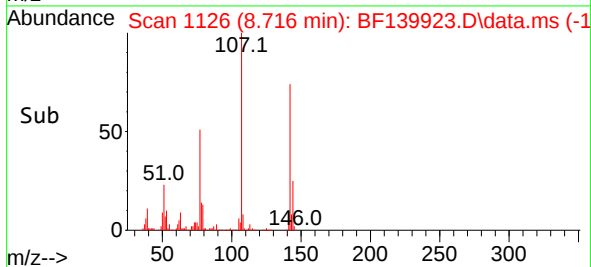
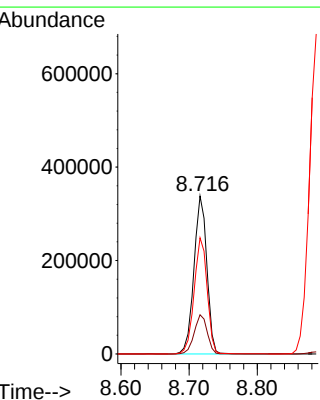
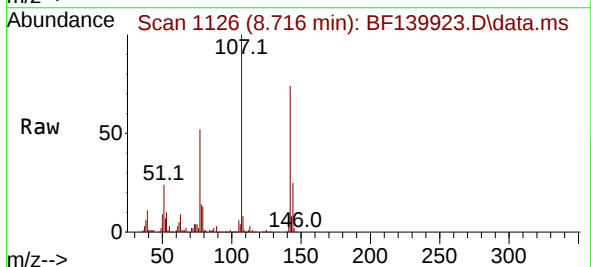
Tgt Ion:107 Resp: 447497

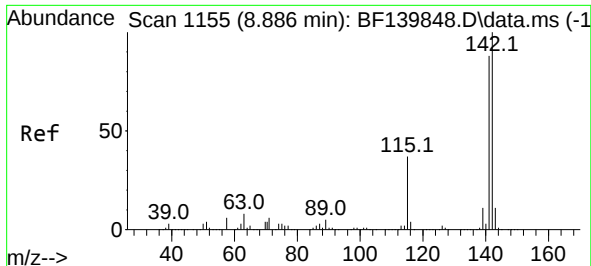
Ion Ratio Lower Upper

107 100

144 24.8 19.1 28.7

142 73.5 57.2 85.8





#37

2-Methylnaphthalene

Concen: 45.360 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:142 Resp: 90889

Ion Ratio Lower Upper

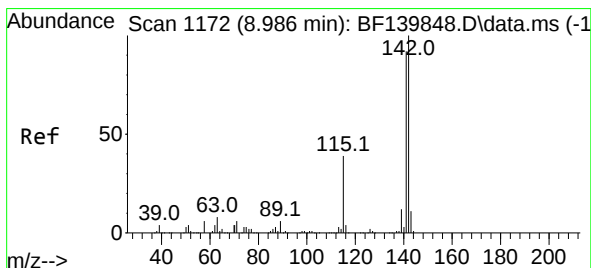
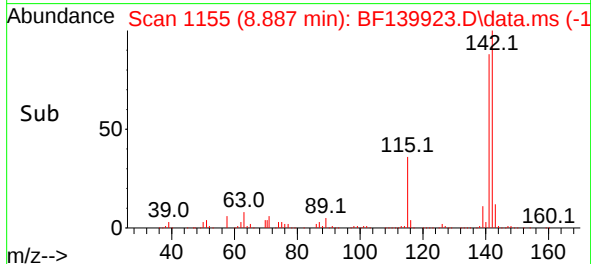
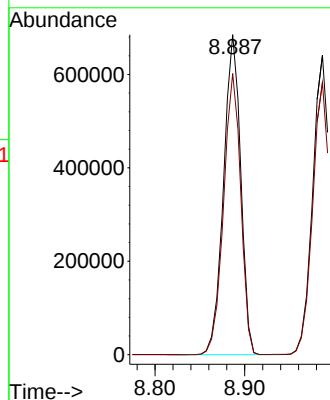
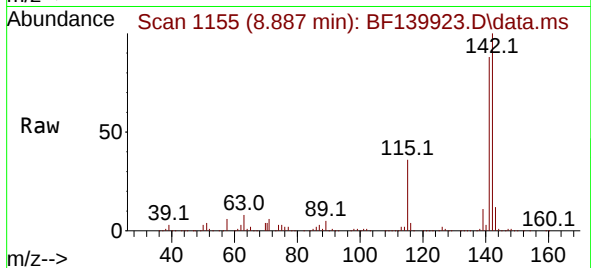
142 100

141 87.9 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: 43.169 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139923.D

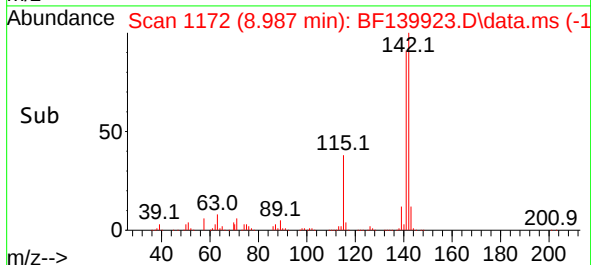
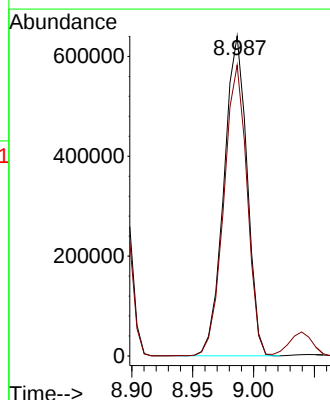
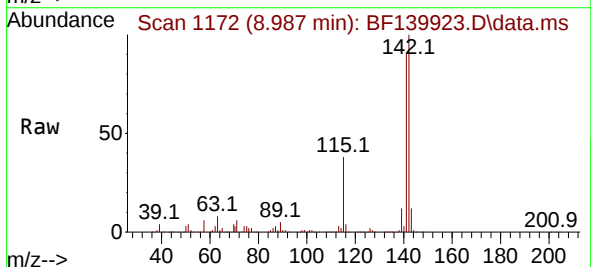
Acq: 22 Oct 2024 12:32

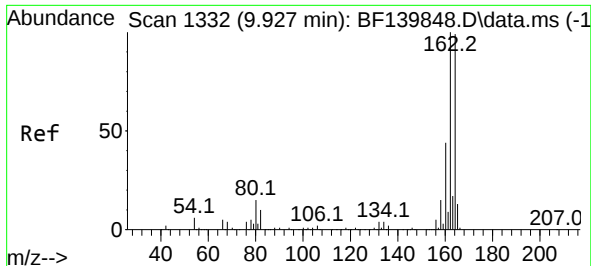
Tgt Ion:142 Resp: 848656

Ion Ratio Lower Upper

142 100

141 90.9 73.5 110.3





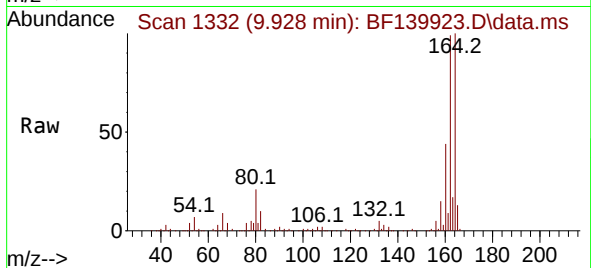
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

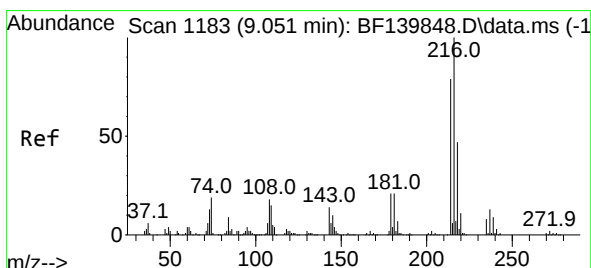
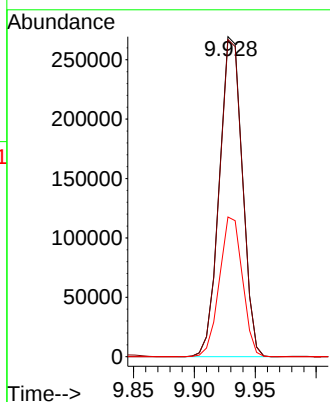
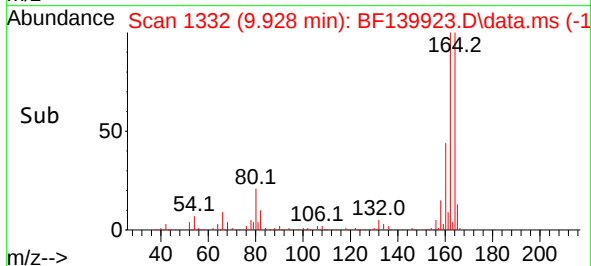


Tgt Ion:164 Resp: 355350
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 43.6 35.4 53.0

Manual Integrations

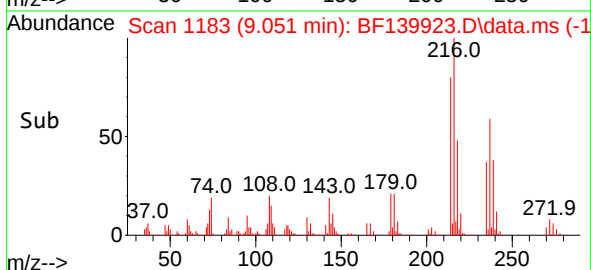
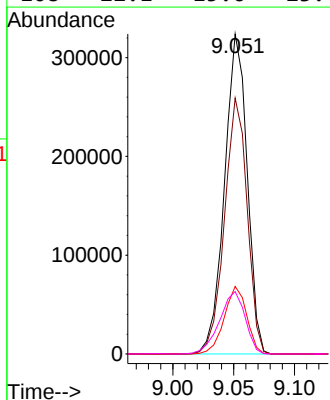
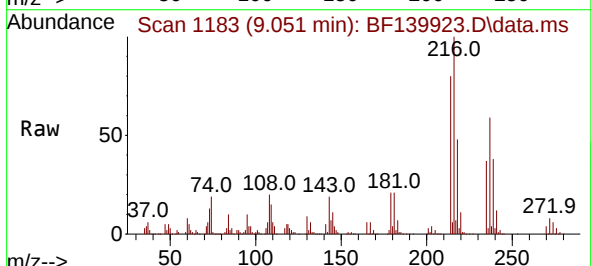
APPROVED

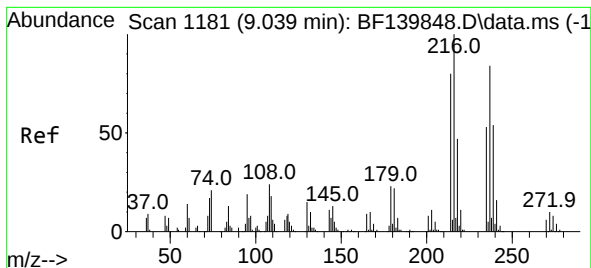
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.762 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:216 Resp: 419540
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 20.9 17.2 25.8
108 22.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 173.249 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:237 Resp: 57791

Ion Ratio Lower Upper

237 100

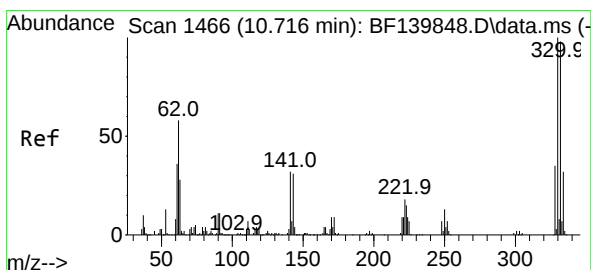
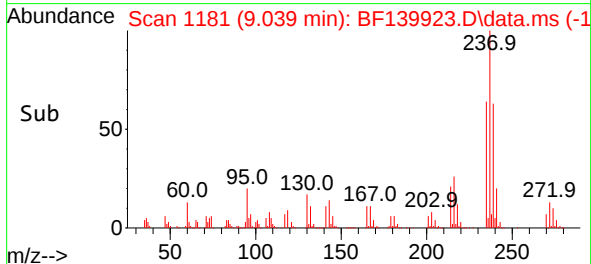
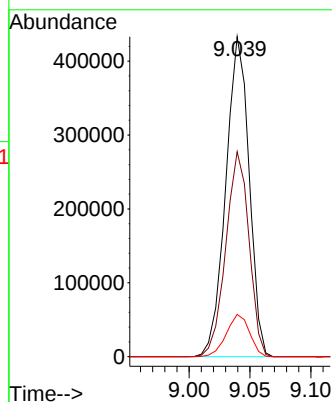
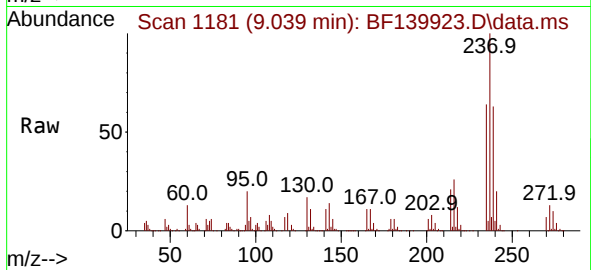
235 64.0 42.9 82.9

272 13.2 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: 143.789 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

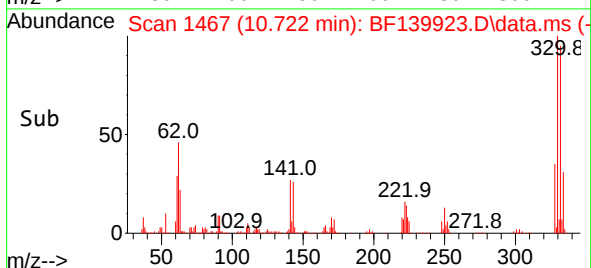
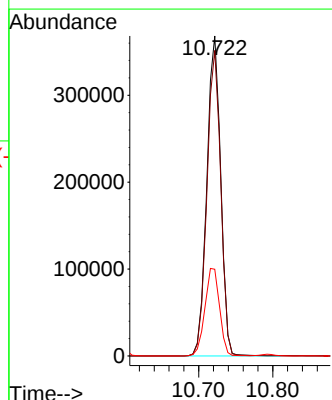
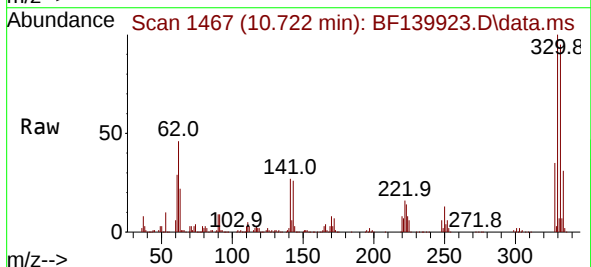
Tgt Ion:330 Resp: 477931

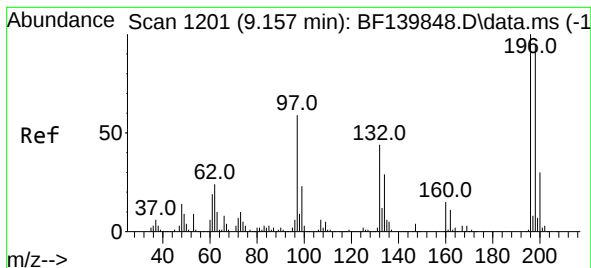
Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

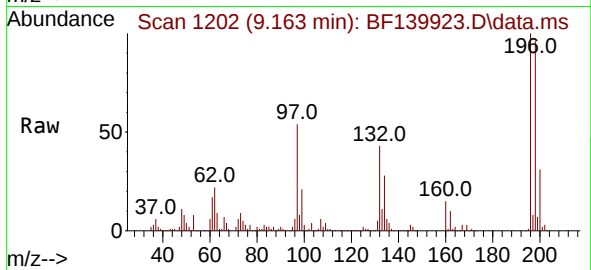
141 29.0 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 46.960 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

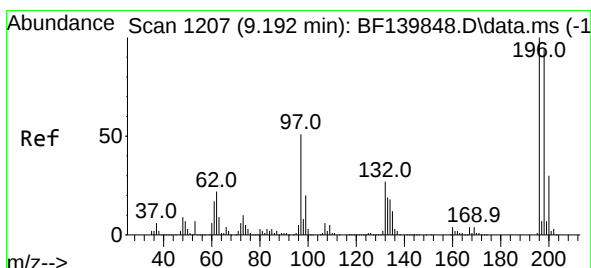
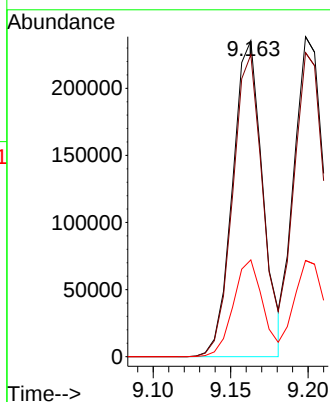
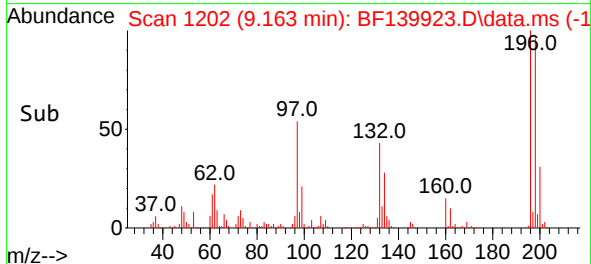
Instrument :
BNA_F
ClientSampleId :
PB164176BS



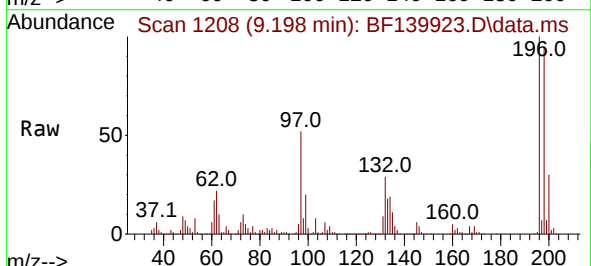
Tgt Ion:196 Resp: 31873
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.2
200 30.6 24.0 36.0

Manual Integrations
APPROVED

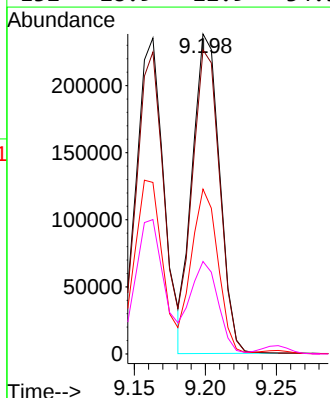
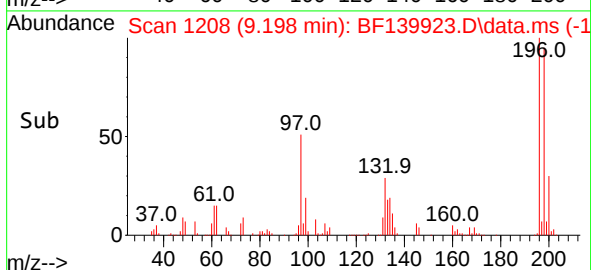
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

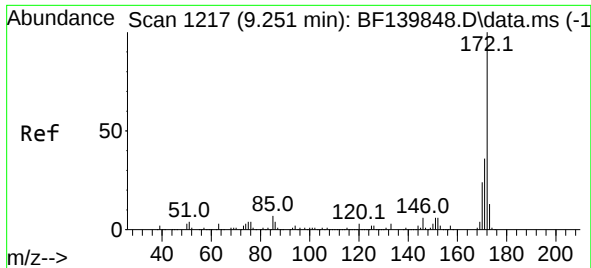


#44
2,4,5-Trichlorophenol
Concen: 45.383 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:196 Resp: 317804
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
97 51.5 41.8 62.6
132 28.9 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 87.188 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

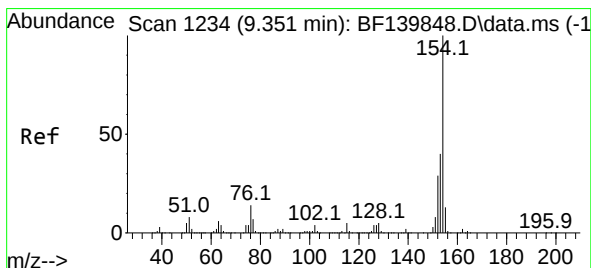
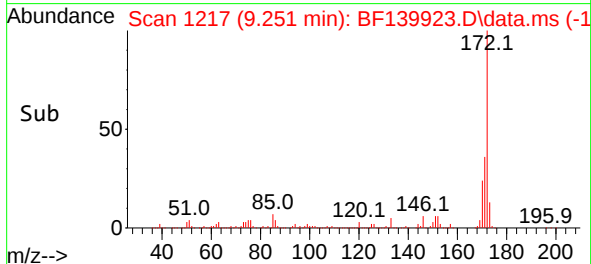
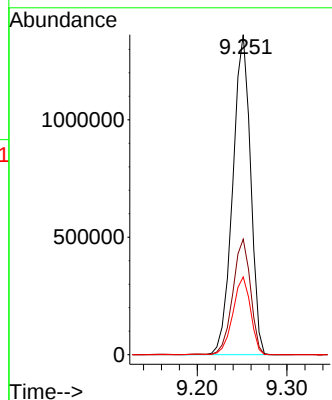
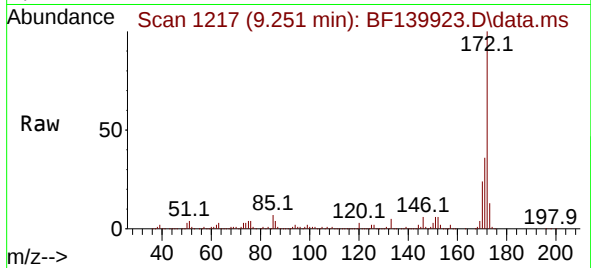
PB164176BS

Tgt Ion:172 Resp: 1874648
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.1 28.7

Manual Integrations

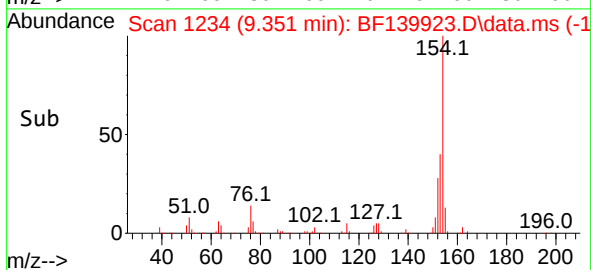
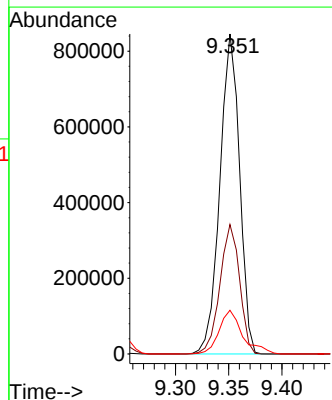
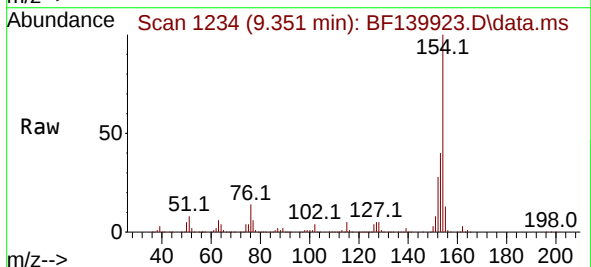
APPROVED

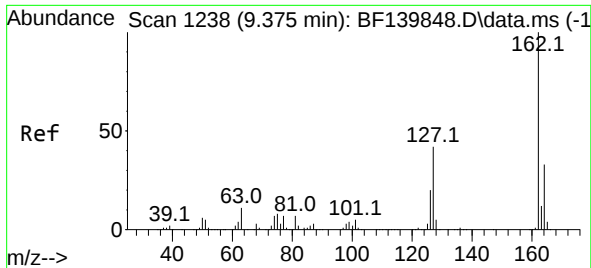
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#46
1,1'-Biphenyl
Concen: 43.859 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:154 Resp: 1084962
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.214 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139923.D

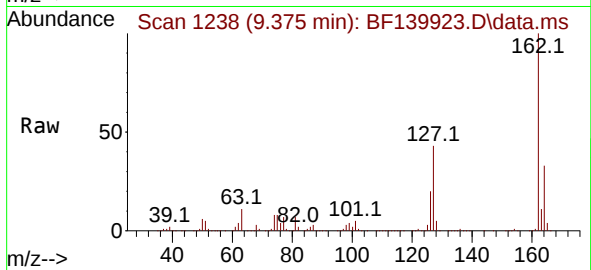
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS



Tgt Ion:162 Resp: 860990

Ion Ratio Lower Upper

162 100

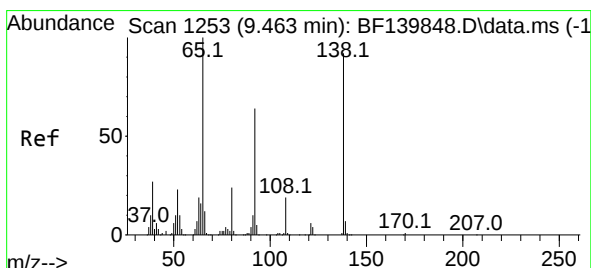
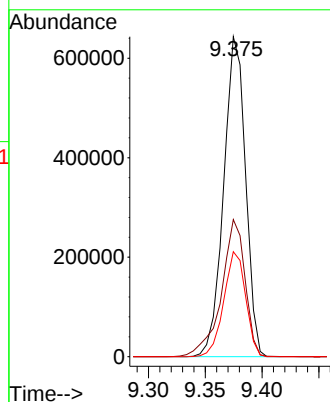
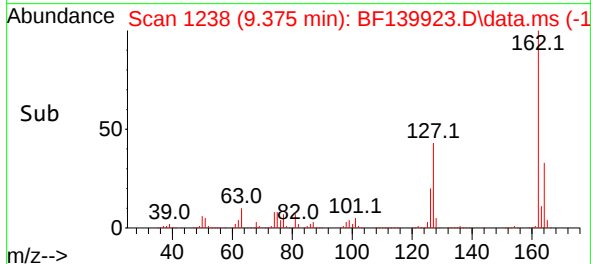
127 42.8 33.8 50.6

164 32.8 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: 49.175 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

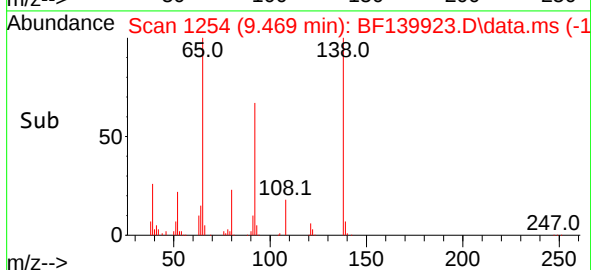
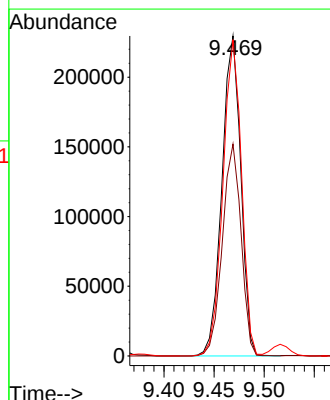
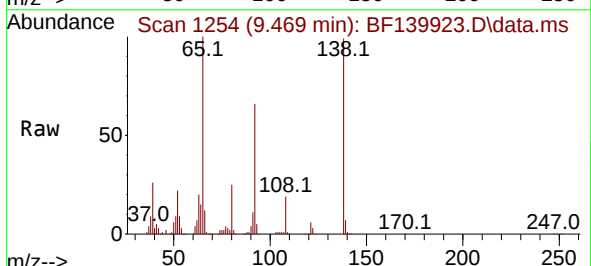
Tgt Ion: 65 Resp: 299651

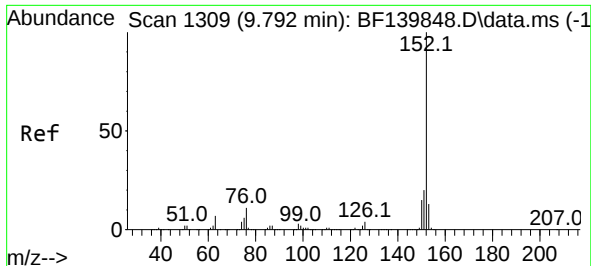
Ion Ratio Lower Upper

65 100

92 66.2 50.9 76.3

138 98.8 73.4 110.0





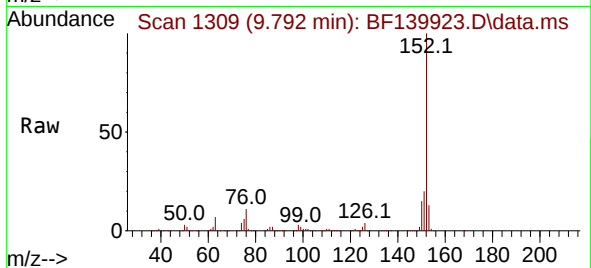
#49
Acenaphthylene
Concen: 46.942 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

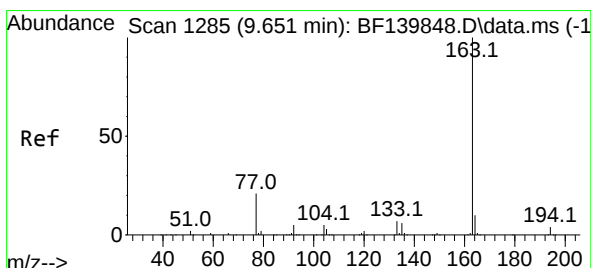
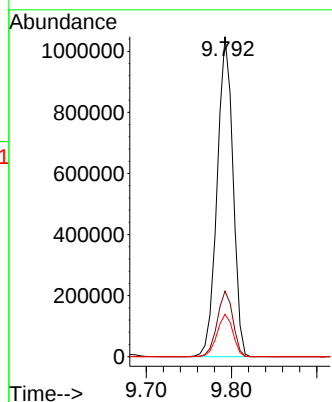
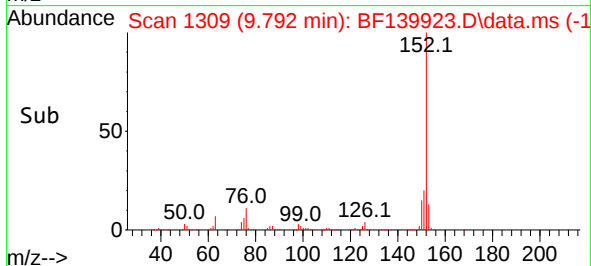


Tgt Ion:152 Resp: 1352129
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.2 10.7 16.1

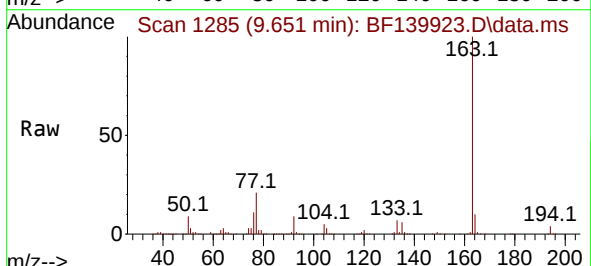
Manual Integrations

APPROVED

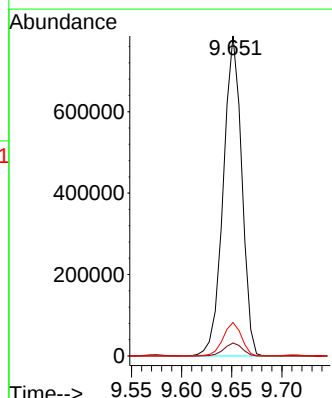
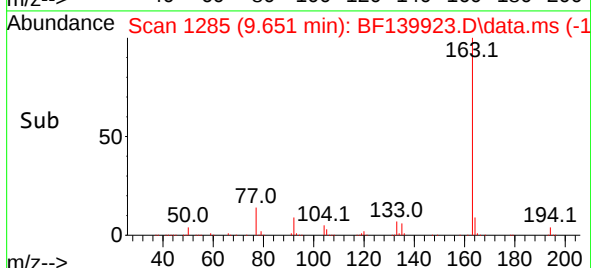
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

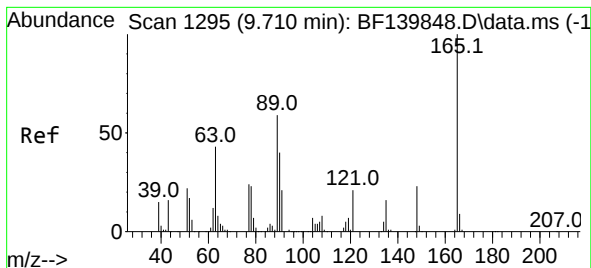


#50
Dimethylphthalate
Concen: 45.472 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



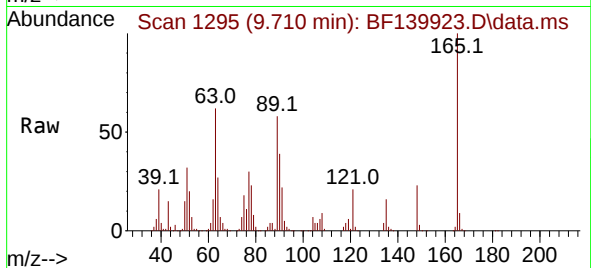
Tgt Ion:163 Resp: 1006470
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.256 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

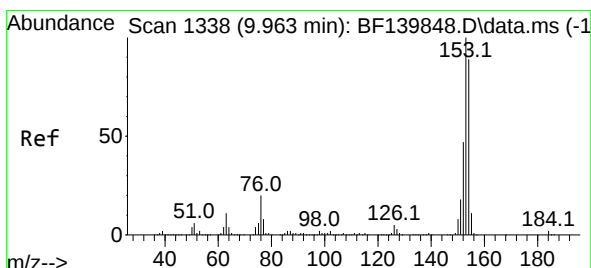
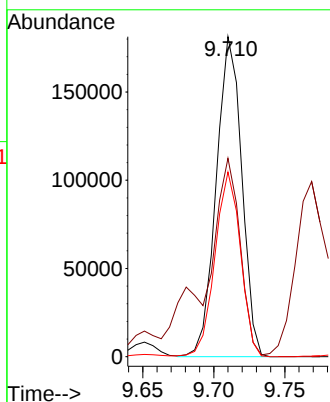
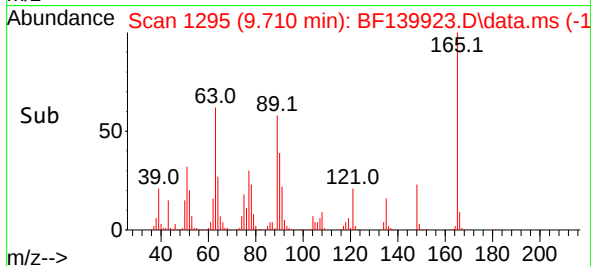
Instrument :
BNA_F
ClientSampleId :
PB164176BS



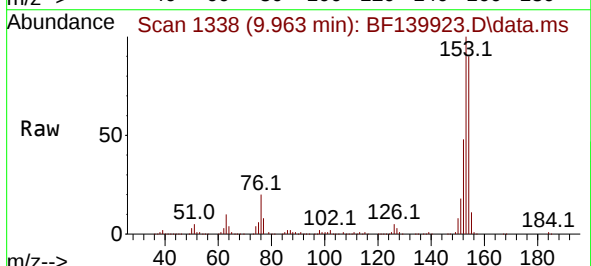
Tgt Ion:165 Resp: 226474
Ion Ratio Lower Upper
165 100
63 62.0 50.6 75.8
89 57.7 47.5 71.3

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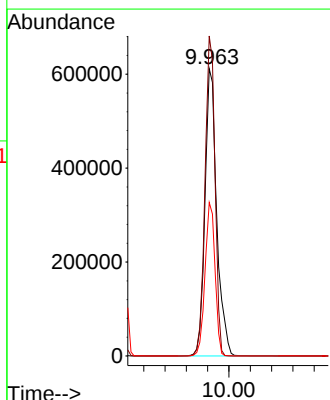
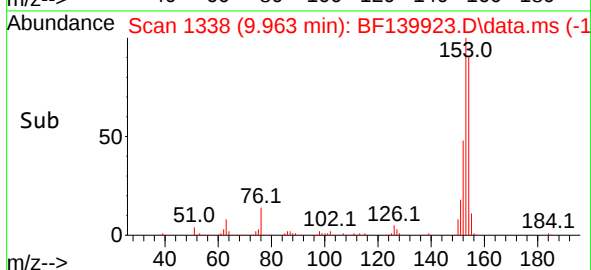
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

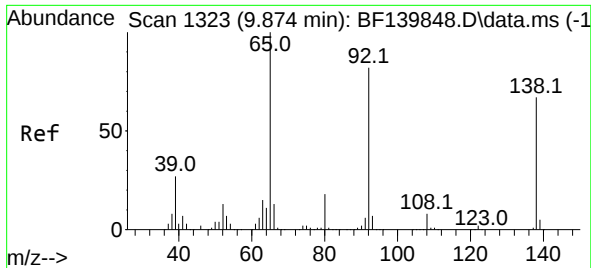


#52
Acenaphthene
Concen: 50.172 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:154 Resp: 934861
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.6
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 28.135 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

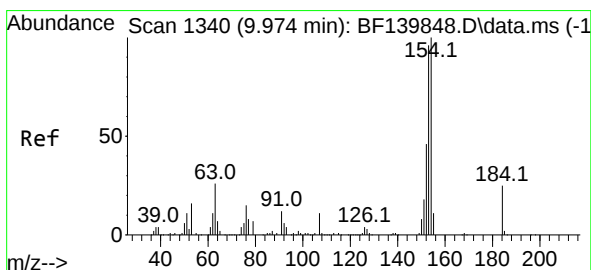
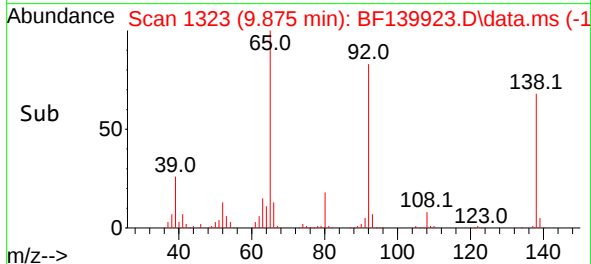
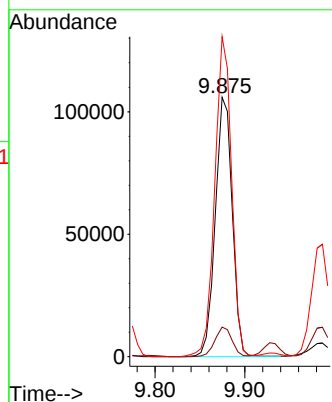
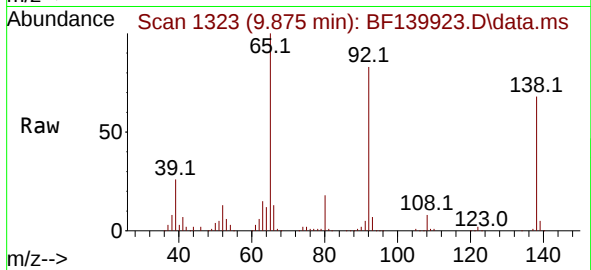
ClientSampleId :

PB164176BS

Tgt Ion:138 Resp: 13904
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.2
92 123.4 98.3 147.5

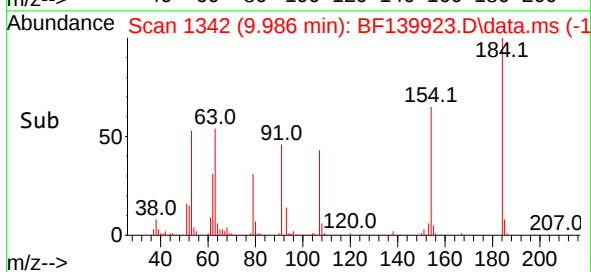
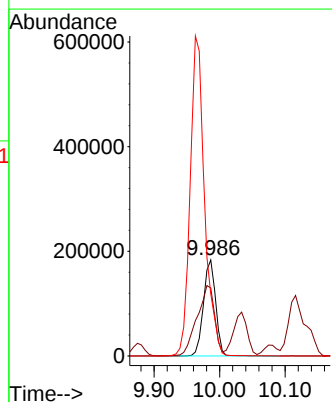
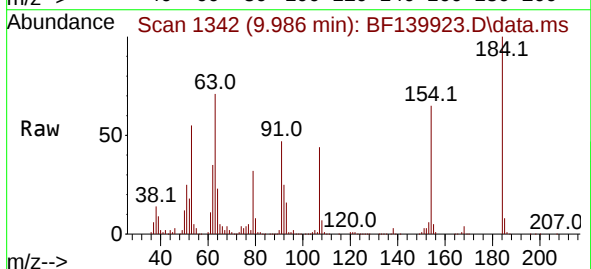
Manual Integrations
APPROVED

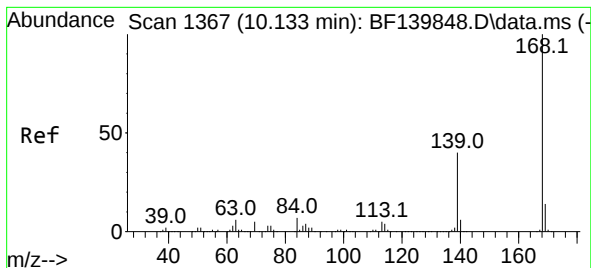
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#54
2,4-Dinitrophenol
Concen: 116.326 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

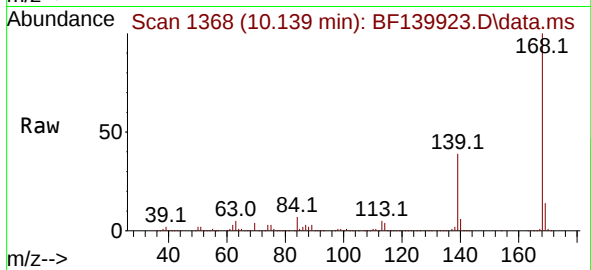
Tgt Ion:184 Resp: 238051
Ion Ratio Lower Upper
184 100
63 70.8 84.7 127.1#
154 64.7 338.2 507.2#





#55
Dibenzenofuran
Concen: 44.620 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

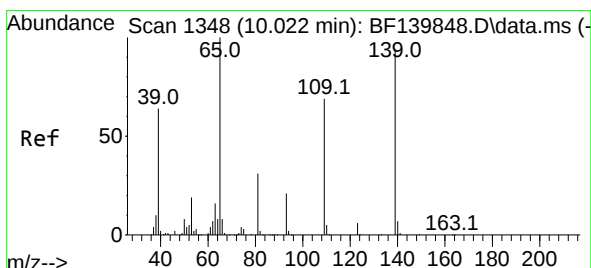
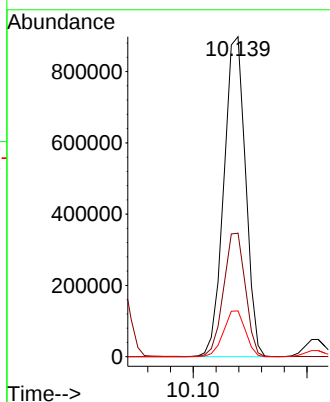
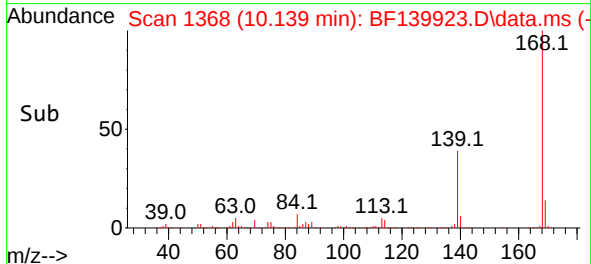
Instrument :
BNA_F
ClientSampleId :
PB164176BS



Tgt Ion:168 Resp: 119287
Ion Ratio Lower Upper
168 100
139 38.6 31.8 47.6
169 14.3 11.6 17.4

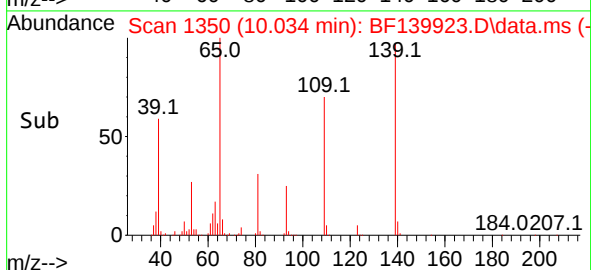
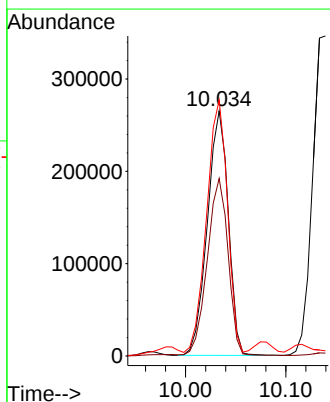
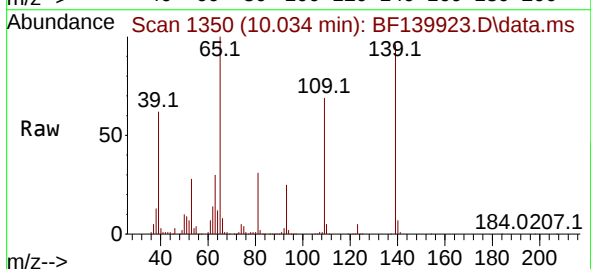
Manual Integrations
APPROVED

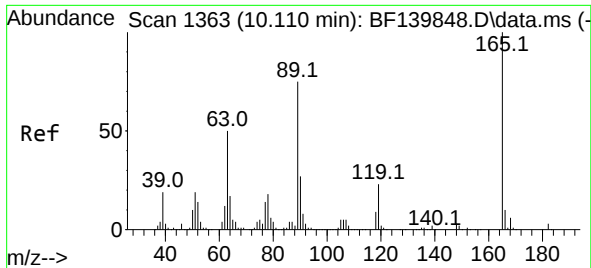
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#56
4-Nitrophenol
Concen: 101.294 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:139 Resp: 385149
Ion Ratio Lower Upper
139 100
109 72.4 53.6 93.6
65 104.4 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 51.637 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

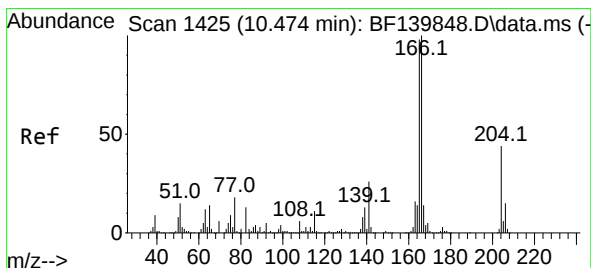
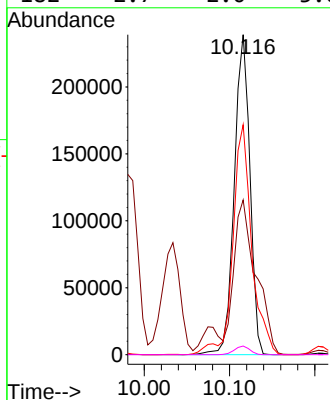
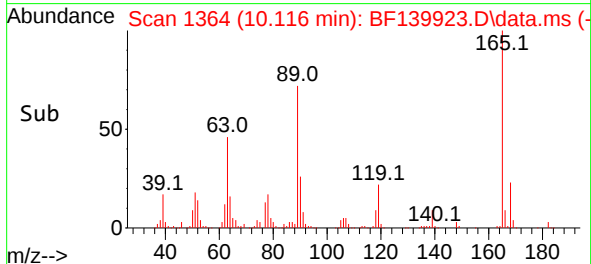
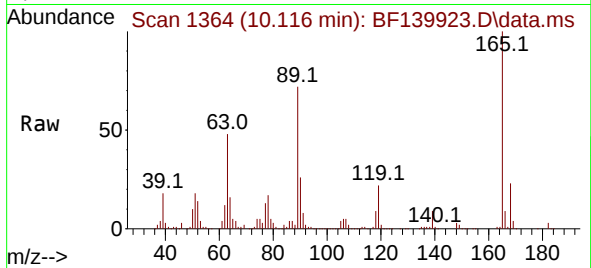
PB164176BS

Tgt Ion:165 Resp: 304318
Ion Ratio Lower Upper
165 100
63 48.4 40.1 60.1
89 71.9 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

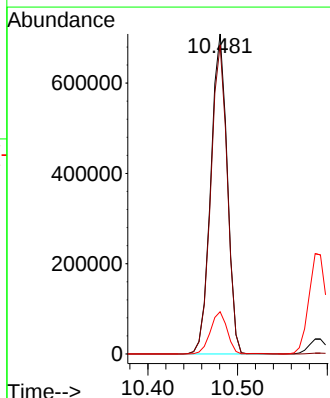
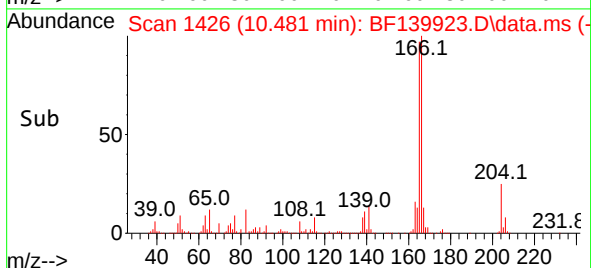
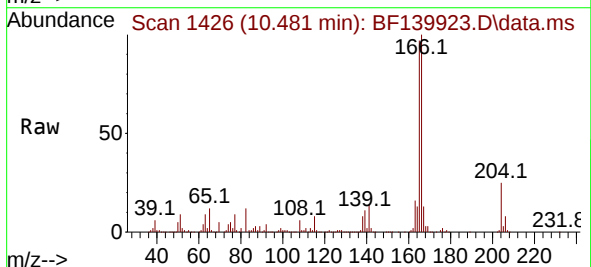
APPROVED

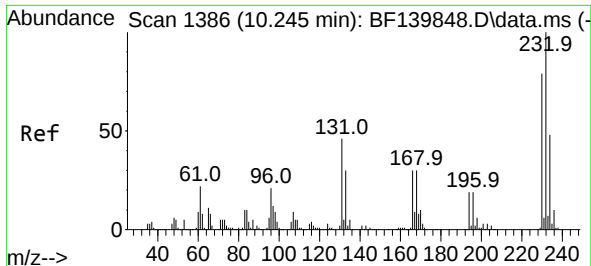
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#58
Fluorene
Concen: 44.307 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

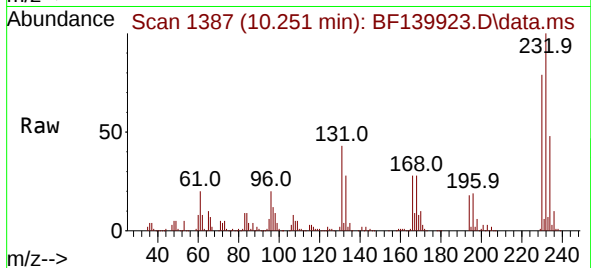
Tgt Ion:166 Resp: 902199
Ion Ratio Lower Upper
166 100
165 96.6 78.5 117.7
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.783 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

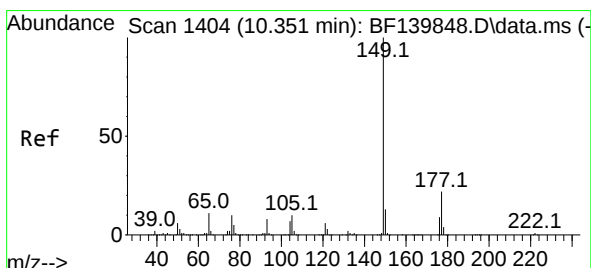
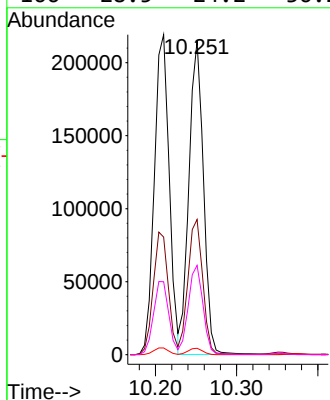
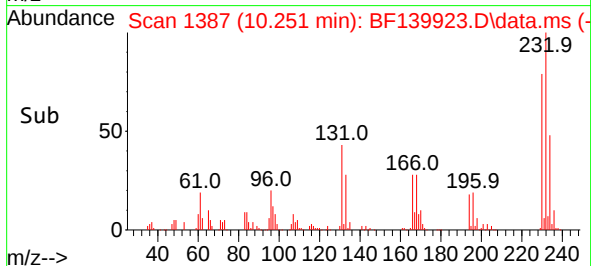
Instrument :
BNA_F
ClientSampleId :
PB164176BS



Tgt Ion:232 Resp: 26780
Ion Ratio Lower Upper
232 100
131 44.0 37.0 55.6
130 2.1 1.9 2.9
166 28.5 24.2 36.2

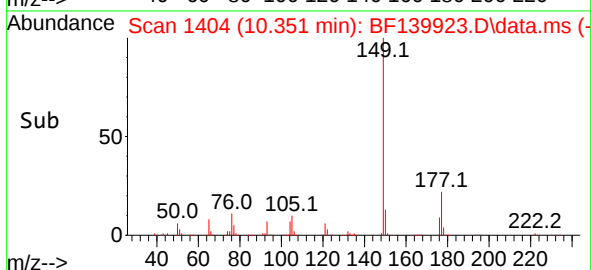
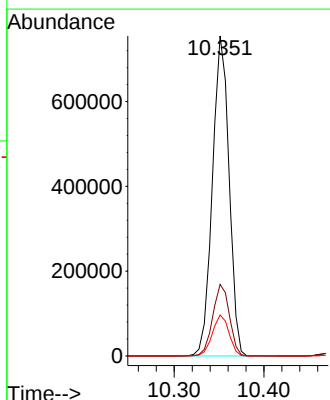
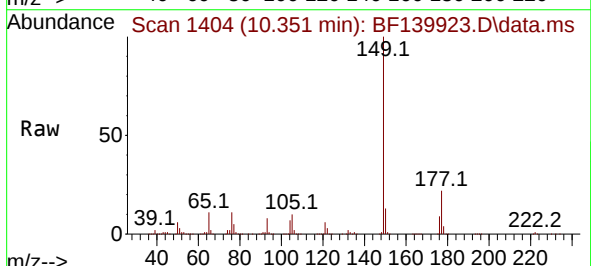
Manual Integrations
APPROVED

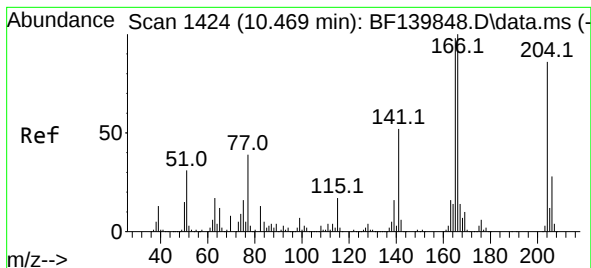
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#60
Diethylphthalate
Concen: 44.655 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

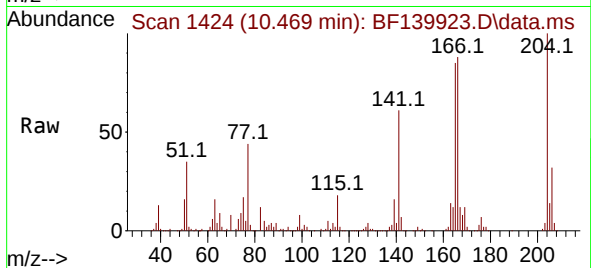
Tgt Ion:149 Resp: 970470
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.410 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

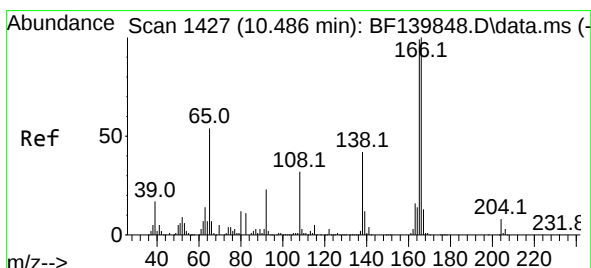
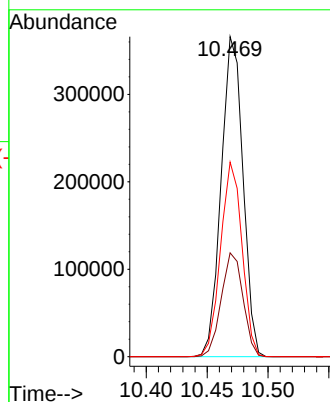
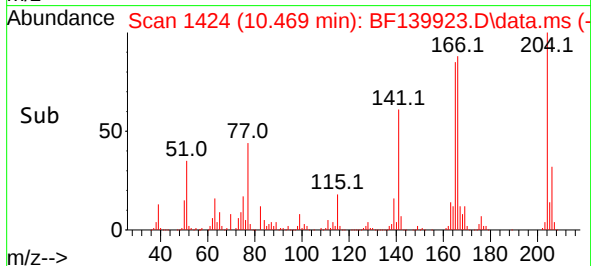
Instrument :
BNA_F
ClientSampleId :
PB164176BS



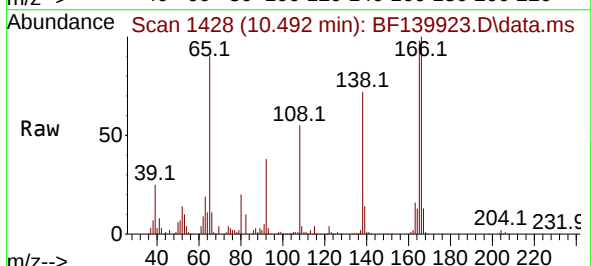
Tgt Ion:204 Resp: 45667
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.8 48.6 73.0

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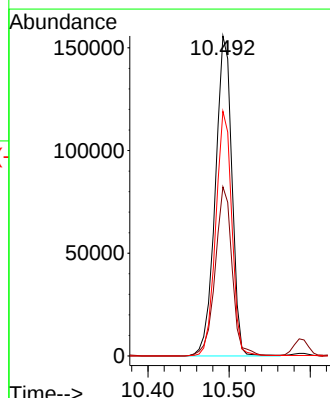
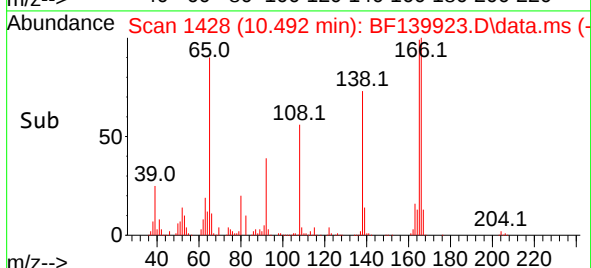
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

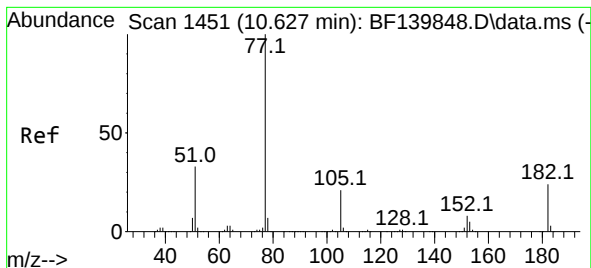


#62
4-Nitroaniline
Concen: 47.477 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:138 Resp: 221610
Ion Ratio Lower Upper
138 100
92 52.9 35.7 75.7
108 76.4 57.5 97.5





#63

Azobenzene

Concen: 43.924 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion: 77 Resp: 101200

Ion Ratio Lower Upper

77 100

182 26.3 3.3 43.3

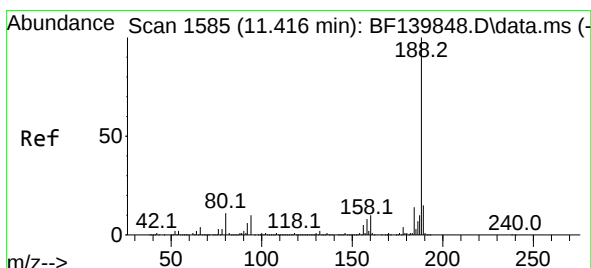
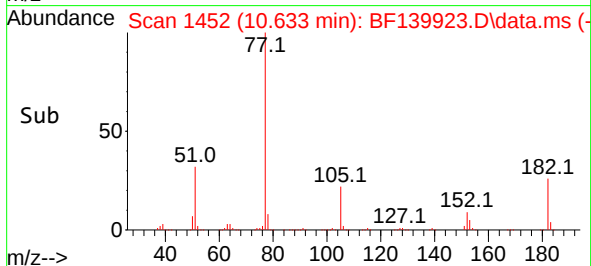
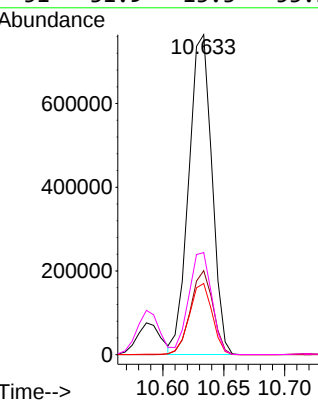
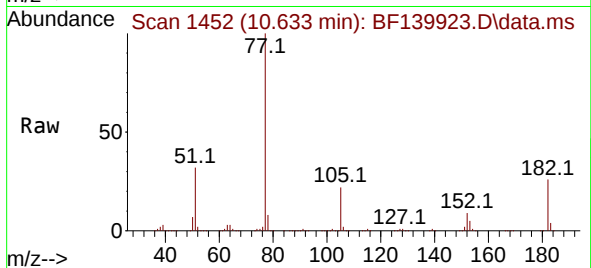
105 22.2 1.2 41.2

51 31.9 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: BF139923.D

Acq: 22 Oct 2024 12:32

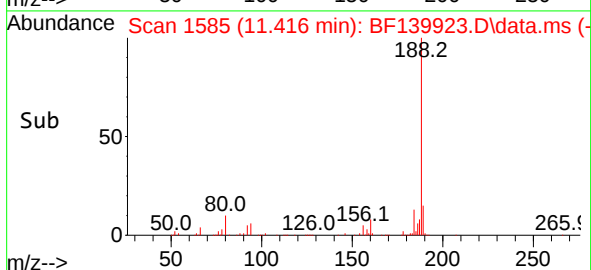
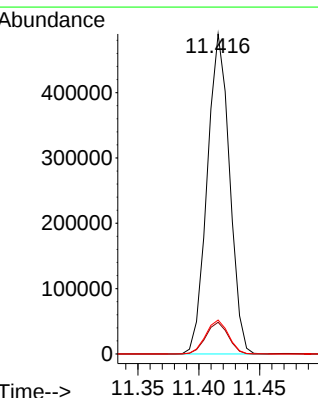
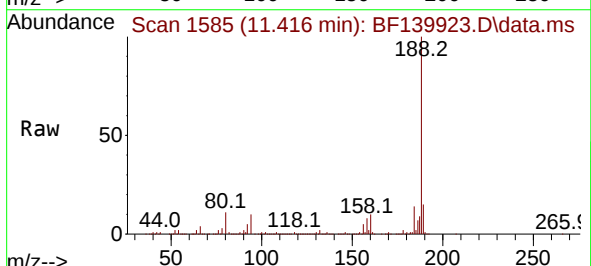
Tgt Ion:188 Resp: 625992

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 9.0 13.4





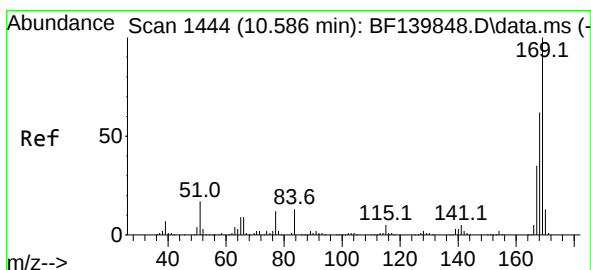
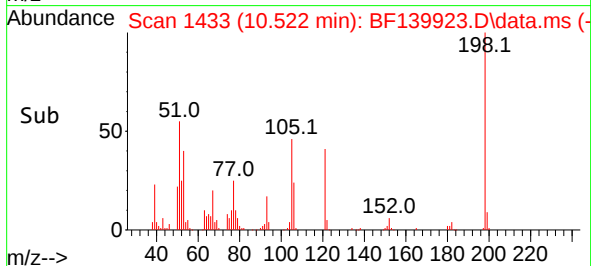
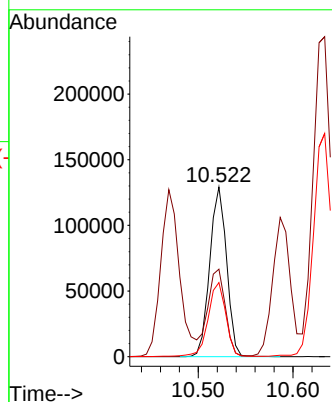
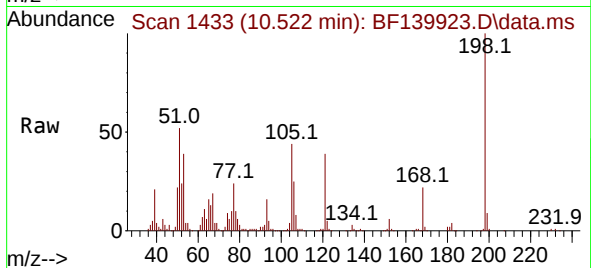
#65
4,6-Dinitro-2-methylphenol
Concen: 62.378 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion:198 Resp: 15927
Ion Ratio Lower Upper
198 100
51 51.6 38.2 78.2
105 43.7 27.9 67.9

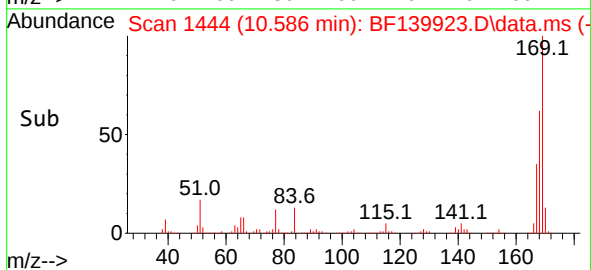
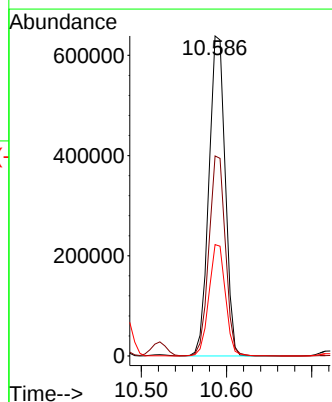
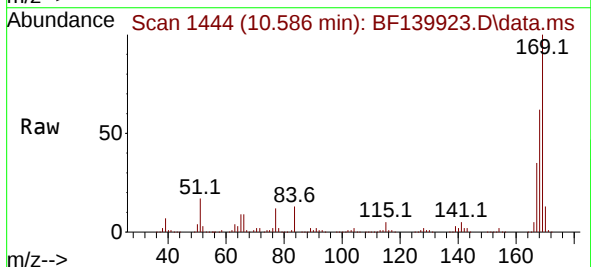
Manual Integrations
APPROVED

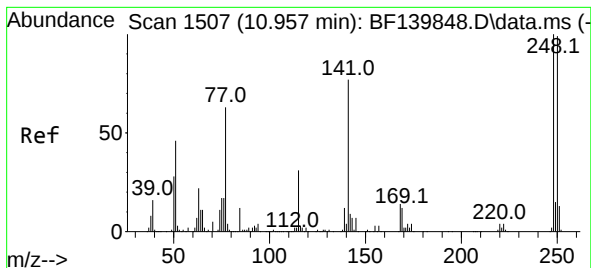
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#66
n-Nitrosodiphenylamine
Concen: 45.290 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

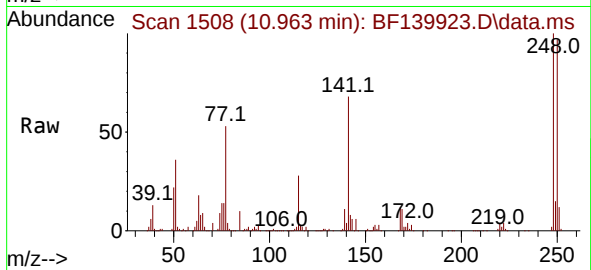
Tgt Ion:169 Resp: 848537
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.8 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 46.213 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

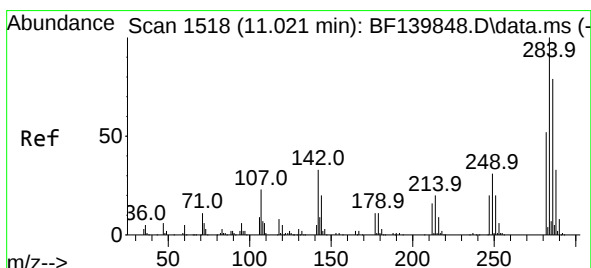
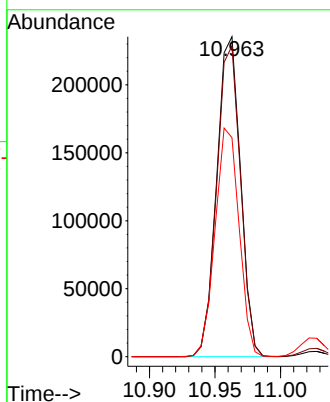
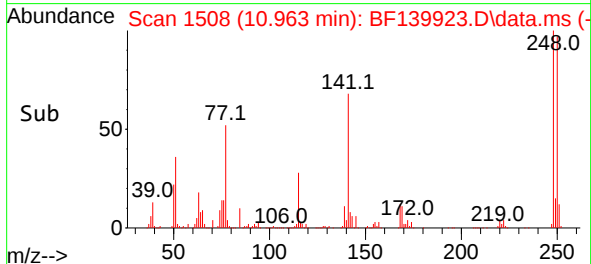
Instrument :
BNA_F
ClientSampleId :
PB164176BS



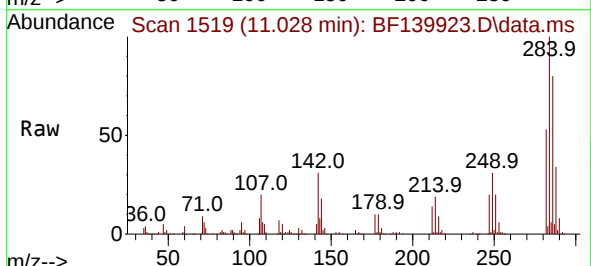
Tgt Ion:248 Resp: 29802
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 68.5 61.7 92.5

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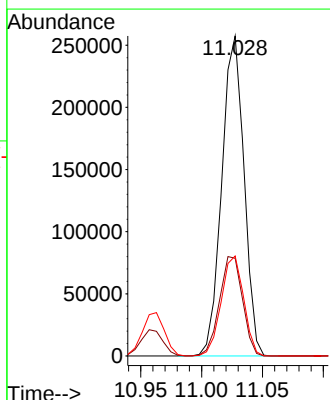
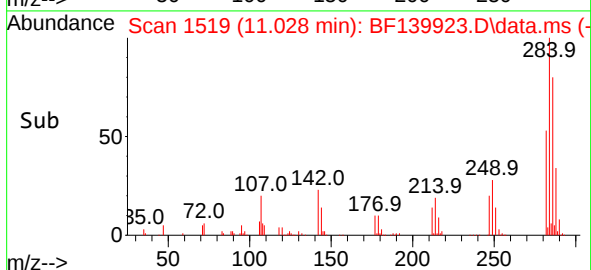
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

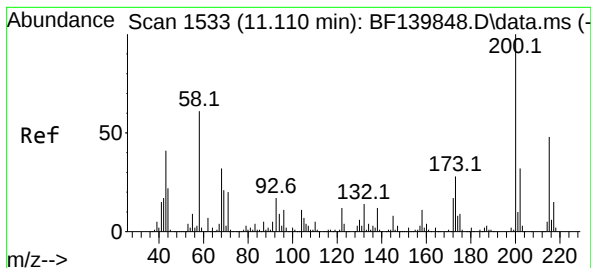


#68
Hexachlorobenzene
Concen: 45.090 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:284 Resp: 327034
Ion Ratio Lower Upper
284 100
142 30.6 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 53.321 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:200 Resp: 270618

Ion Ratio Lower Upper

200 100

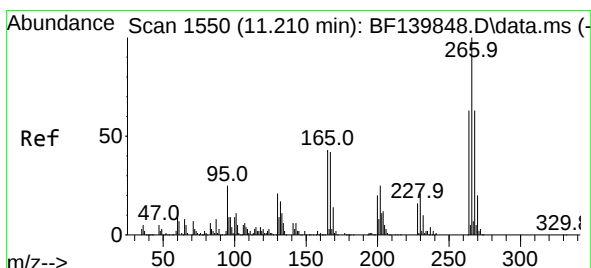
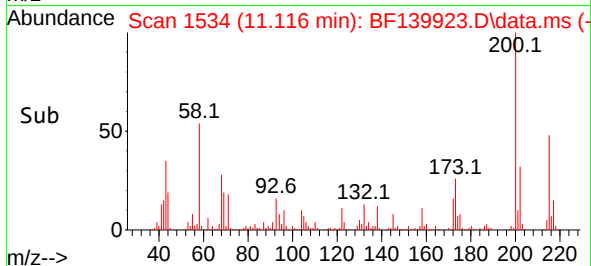
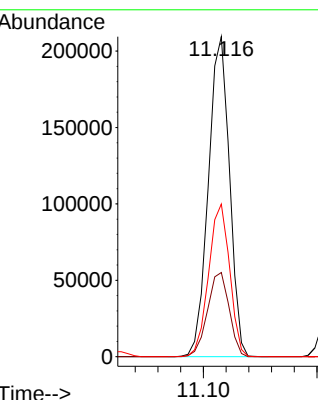
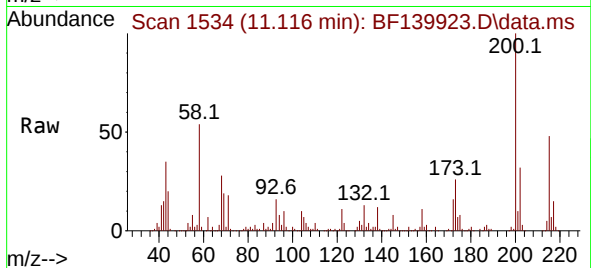
173 26.3 7.7 47.7

215 47.7 27.7 67.7

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 93.119 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

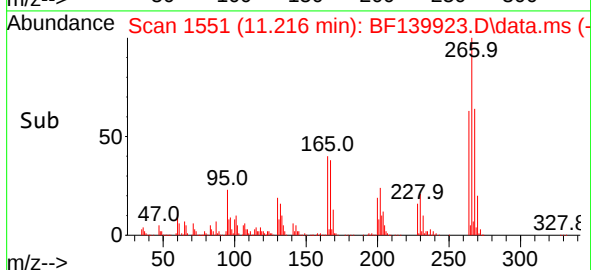
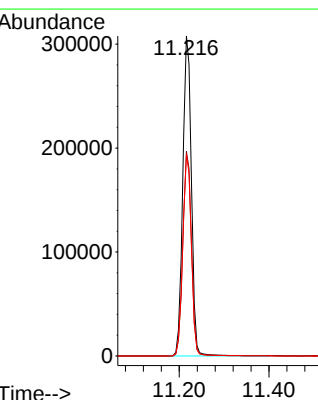
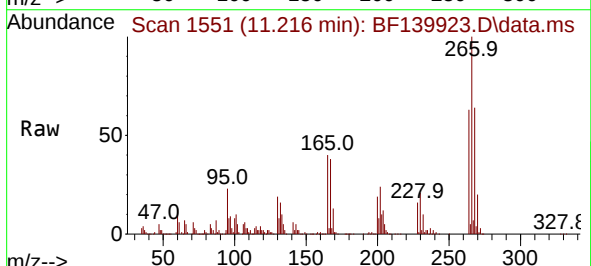
Tgt Ion:266 Resp: 409892

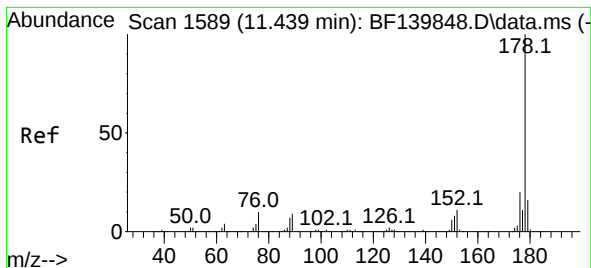
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 62.9 50.6 75.8





#71

Phenanthrene

Concen: 45.700 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:178 Resp: 135132

Ion Ratio Lower Upper

178 100

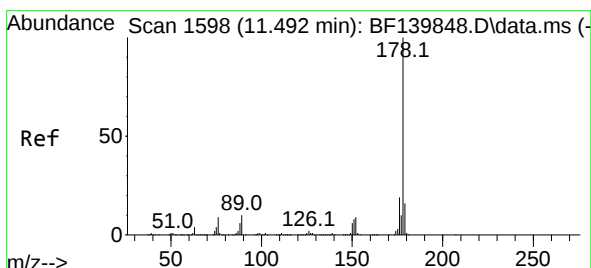
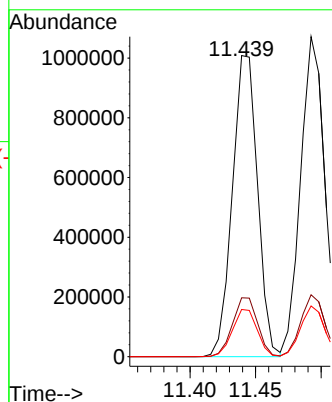
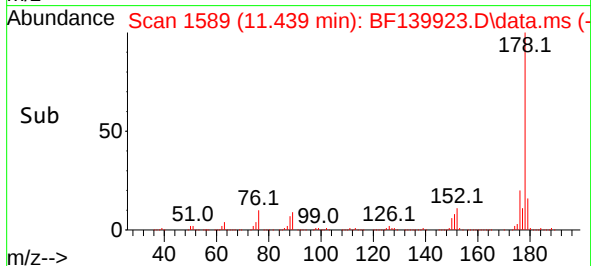
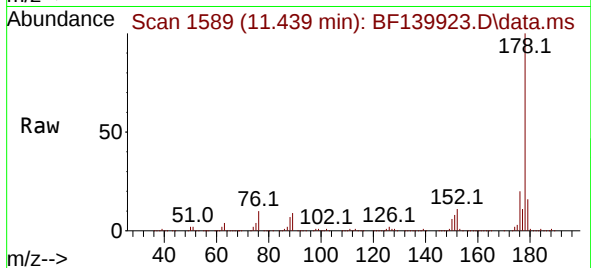
176 19.5 15.8 23.6

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: 46.937 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

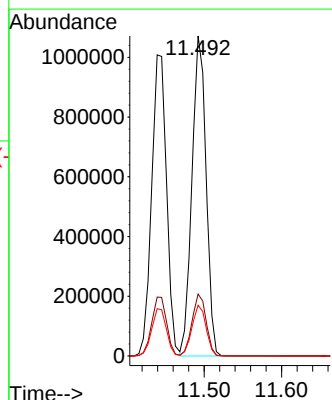
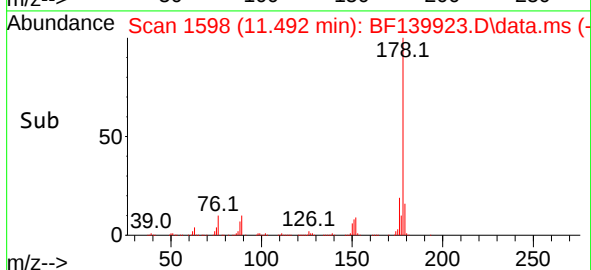
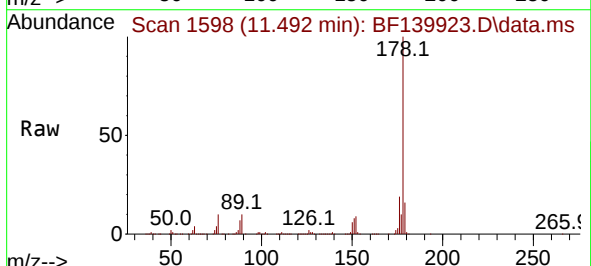
Tgt Ion:178 Resp: 1354140

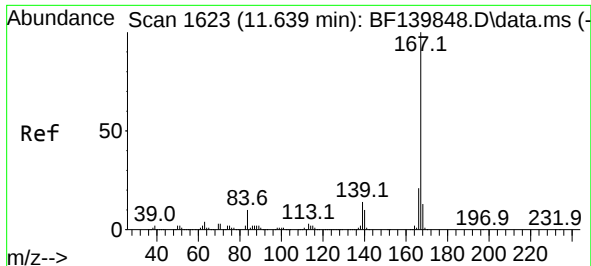
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

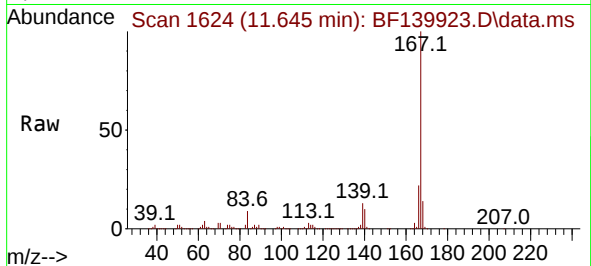
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 43.692 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32

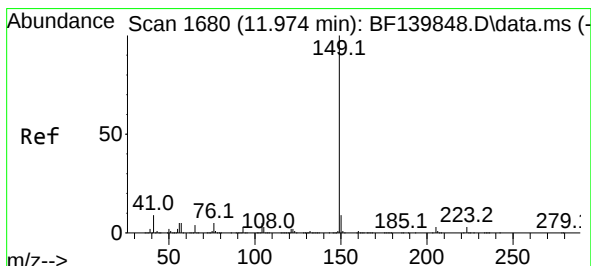
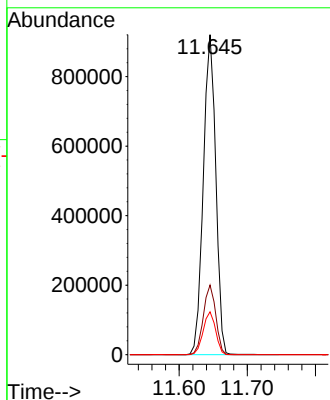
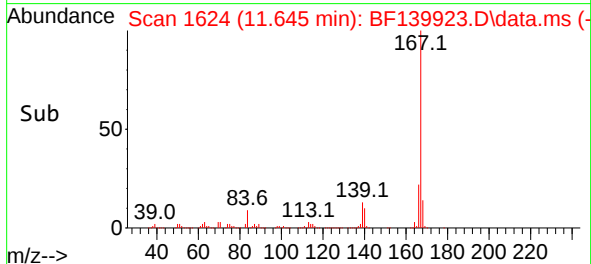
Instrument :
 BNA_F
 ClientSampleId :
 PB164176BS



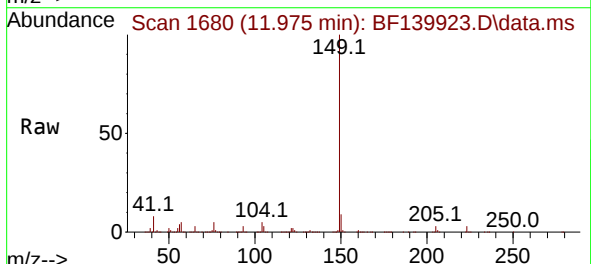
Tgt Ion:167 Resp: 117232
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 10.8 16.2

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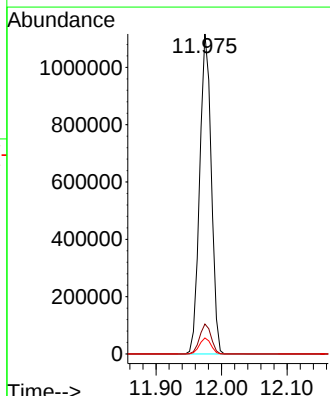
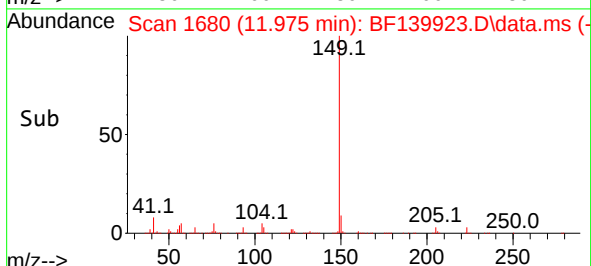
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

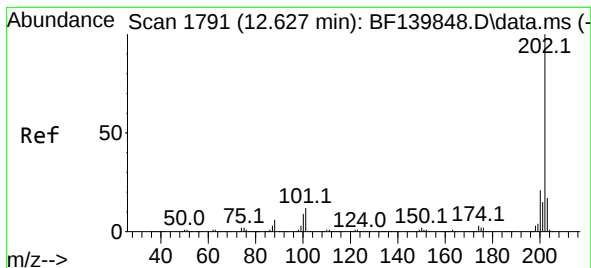


#74
 Di-n-butylphthalate
 Concen: 44.415 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32



Tgt Ion:149 Resp: 1376818
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 43.574 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:202 Resp: 1302514

Ion Ratio Lower Upper

202 100

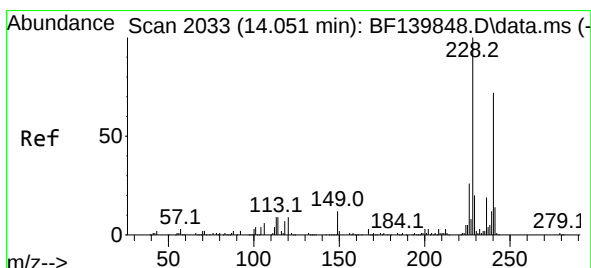
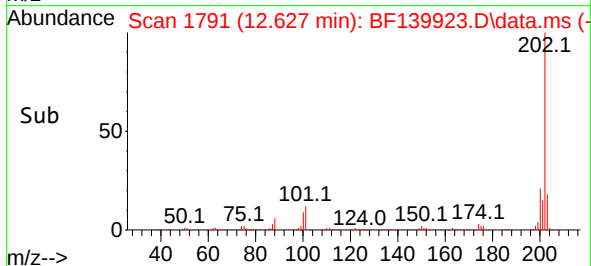
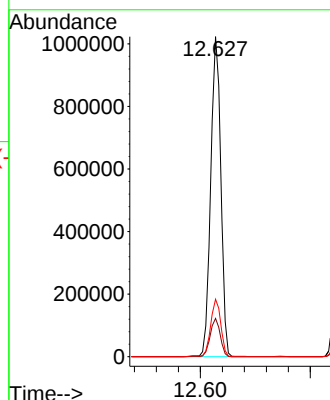
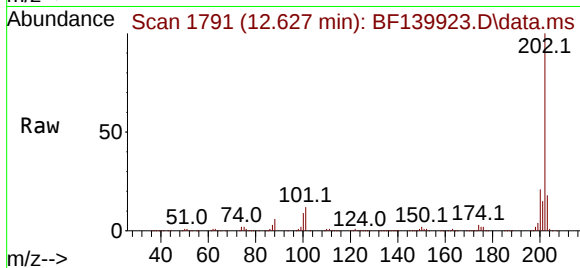
101 11.9 0.0 31.9

203 17.9 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: BF139923.D

Acq: 22 Oct 2024 12:32

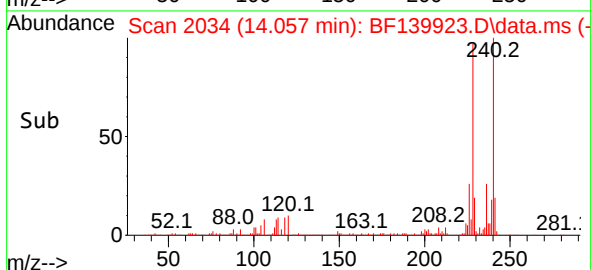
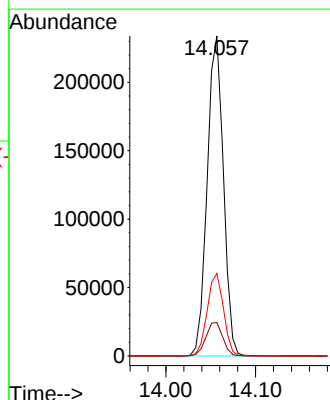
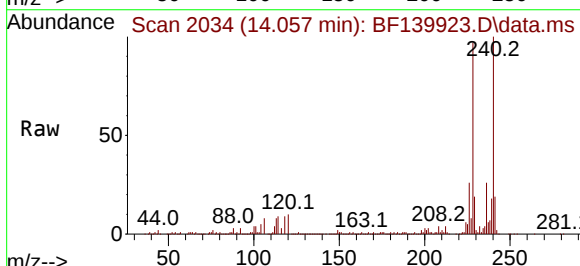
Tgt Ion:240 Resp: 293284

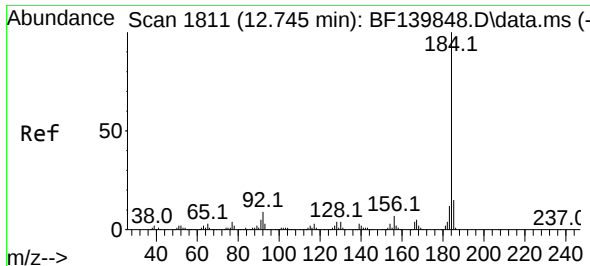
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

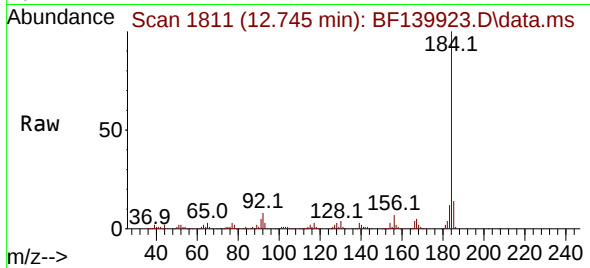
236 25.8 20.9 31.3





#77
Benzidine
Concen: 55.502 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

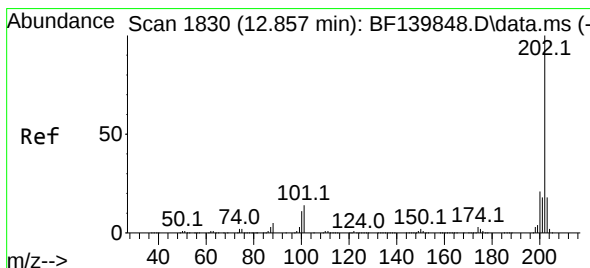
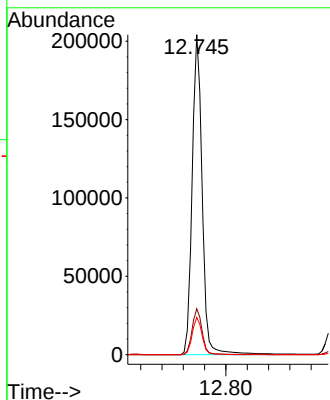
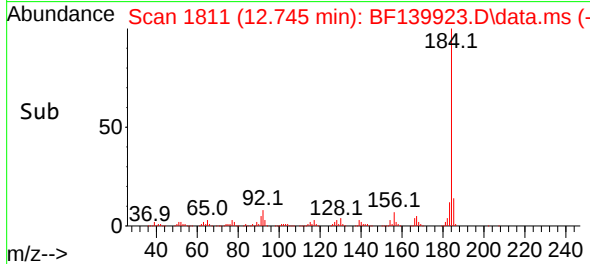
Instrument :
BNA_F
ClientSampleId :
PB164176BS



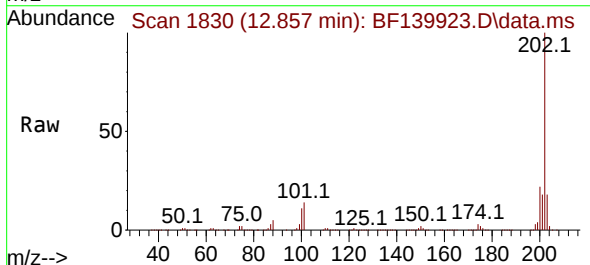
Tgt Ion:184 Resp: 26766
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 11.6 9.4 14.2

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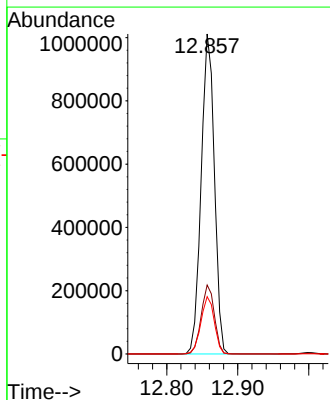
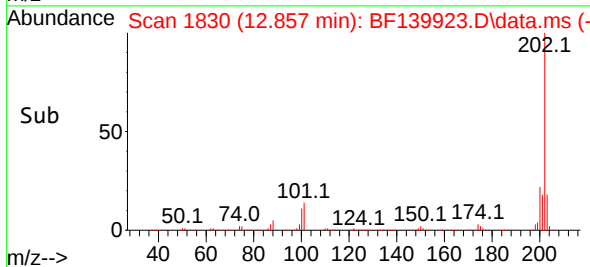
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

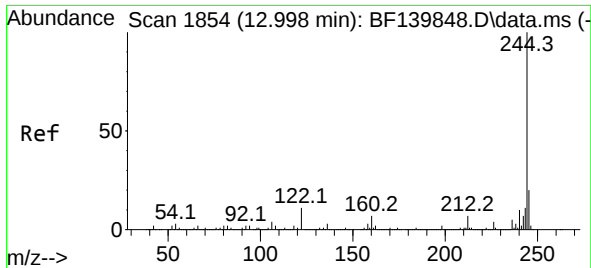


#78
Pyrene
Concen: 51.056 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:202 Resp: 1310725
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.9 14.2 21.4





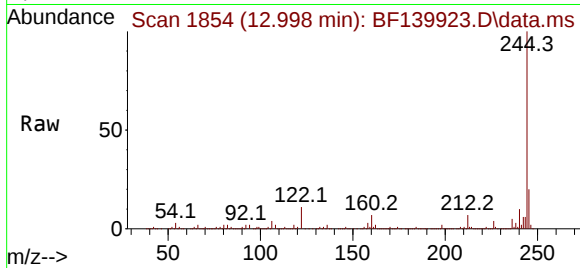
#79
 Terphenyl-d14
 Concen: 104.249 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

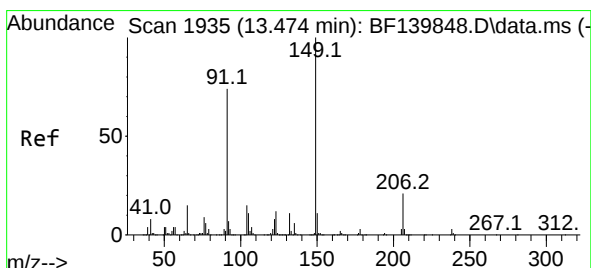
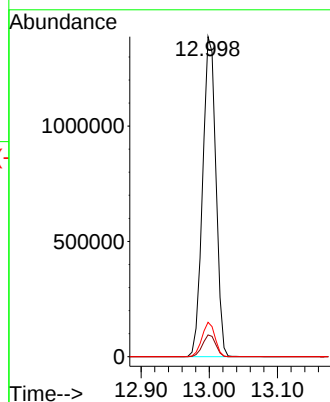
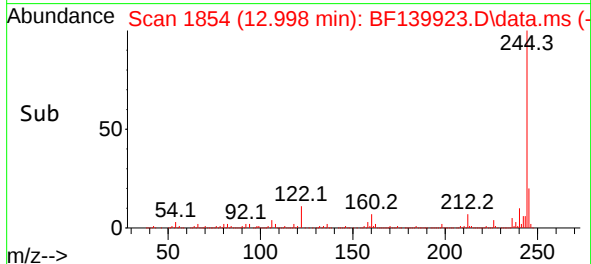


Tgt Ion:244 Resp: 187634
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.8 8.6 13.0

Manual Integrations

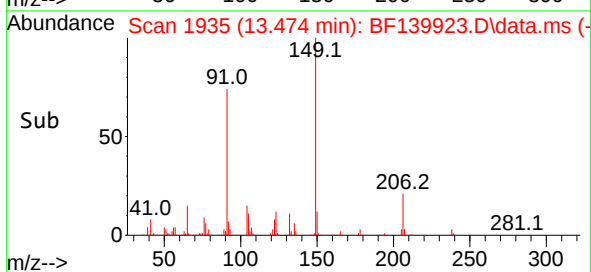
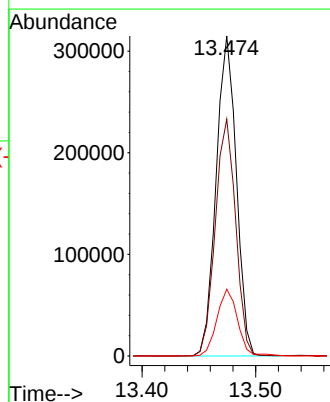
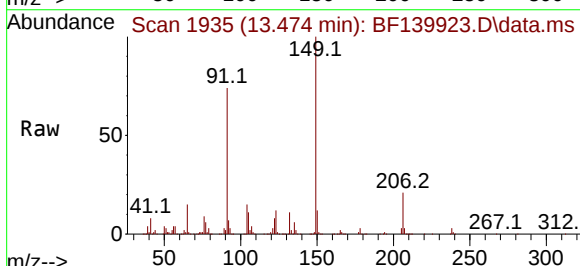
APPROVED

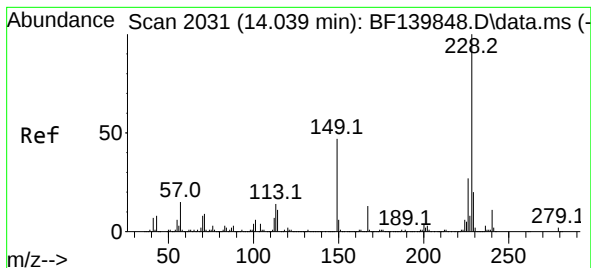
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024



#80
 Butylbenzylphthalate
 Concen: 50.624 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32

Tgt Ion:149 Resp: 389633
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.4 89.2
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.993 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:228 Resp: 897179

Ion Ratio Lower Upper

228 100

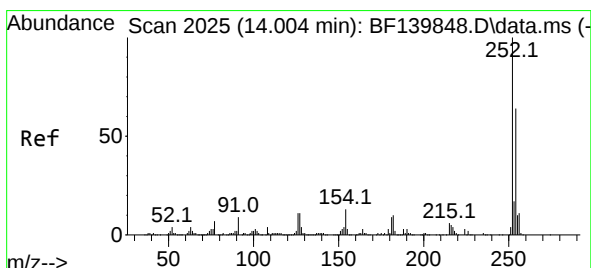
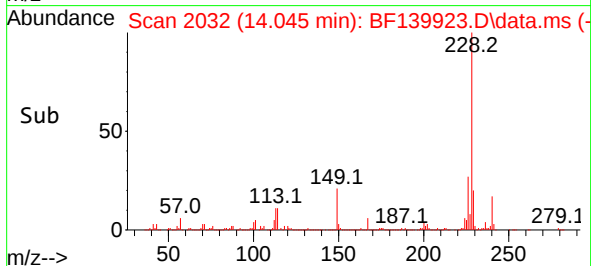
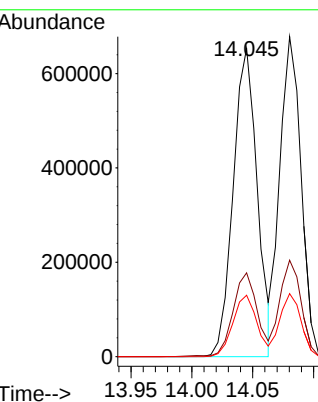
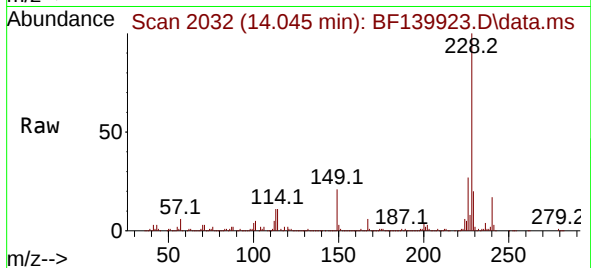
226 27.2 21.6 32.4

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: 31.403 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

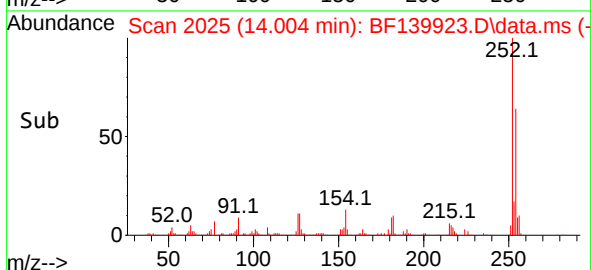
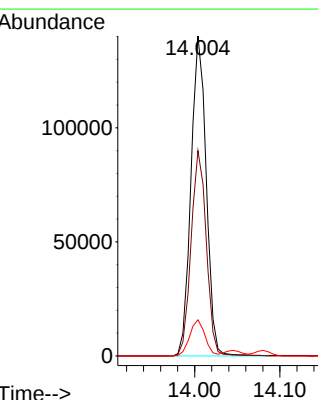
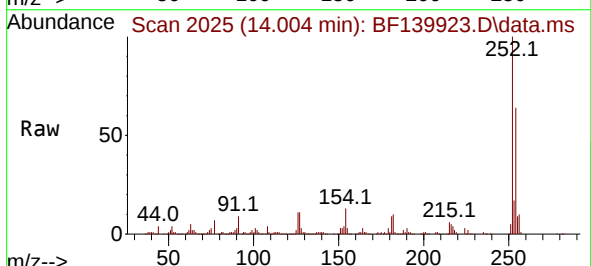
Tgt Ion:252 Resp: 174806

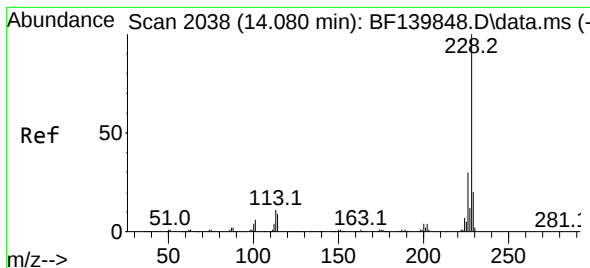
Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

126 11.3 8.9 13.3





#83

Chrysene

Concen: 47.132 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139923.D

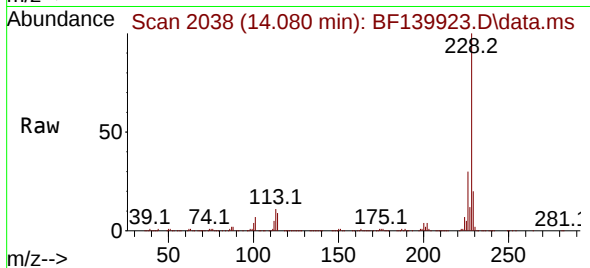
Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS



Tgt Ion:228 Resp: 82504

Ion Ratio Lower Upper

228 100

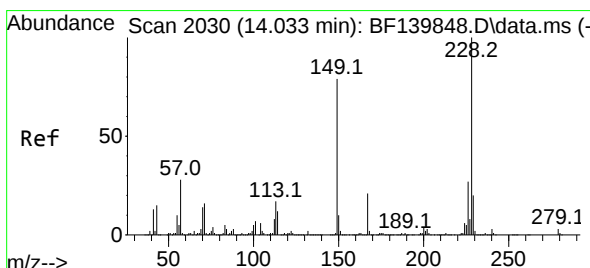
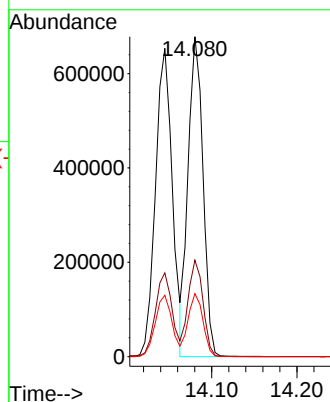
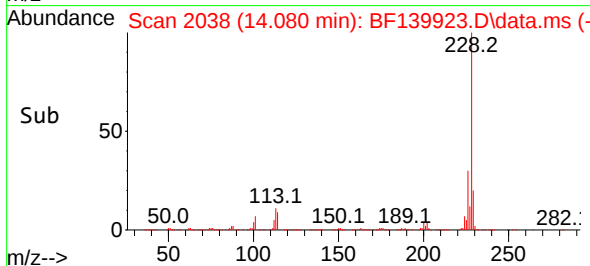
226 30.1 24.1 36.1

229 19.7 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: 52.652 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

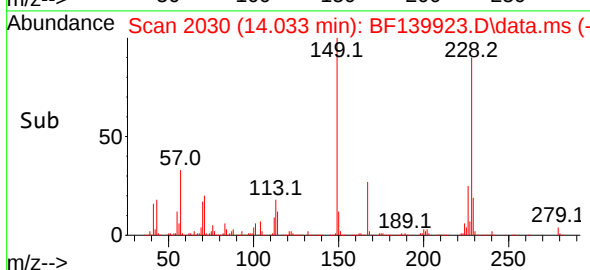
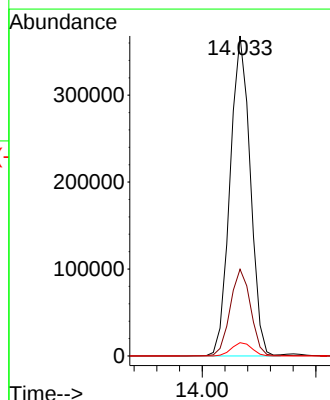
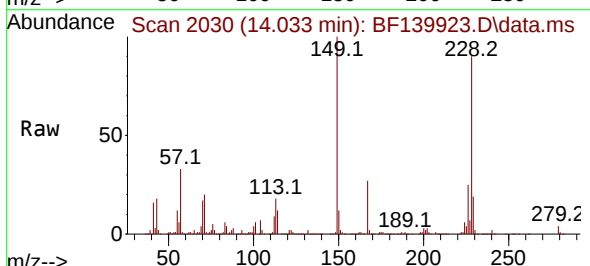
Tgt Ion:149 Resp: 454657

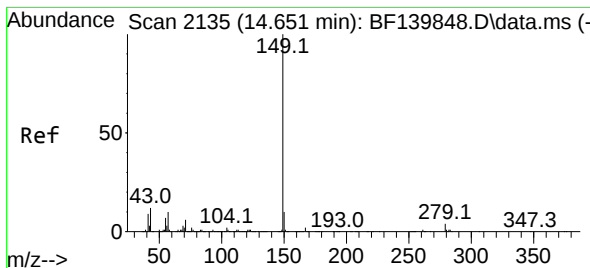
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 53.952 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:149 Resp: 84739

Ion Ratio Lower Upper

149 100

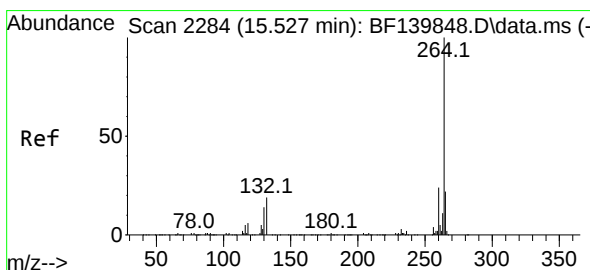
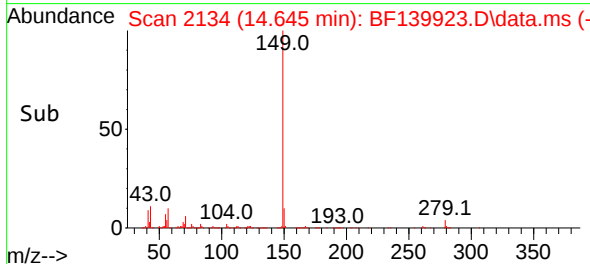
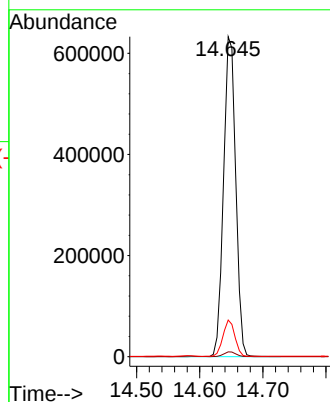
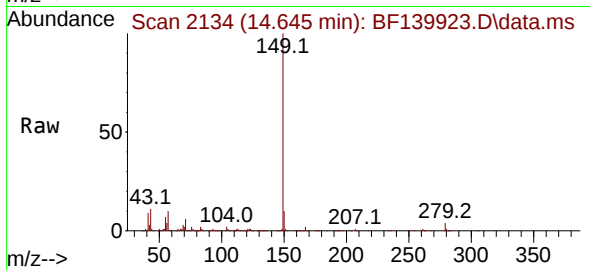
167 1.6 1.2 1.8

43 11.0 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: BF139923.D

Acq: 22 Oct 2024 12:32

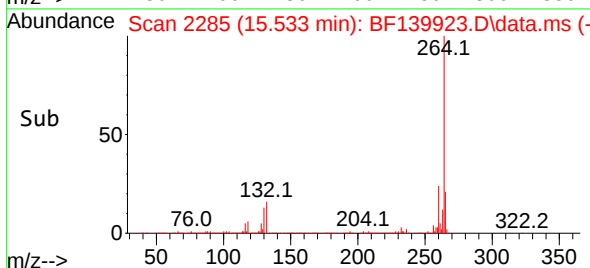
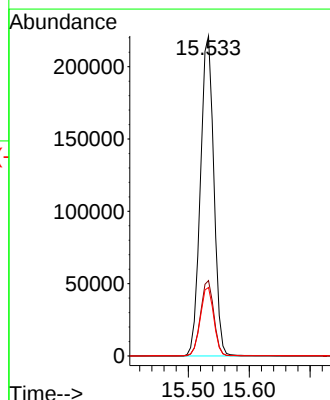
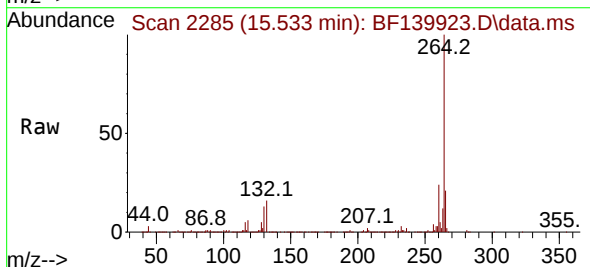
Tgt Ion:264 Resp: 338967

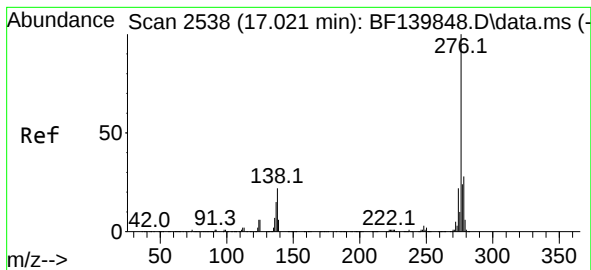
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.286 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:276 Resp: 116198

Ion Ratio Lower Upper

276 100

138 24.0 20.4 30.6

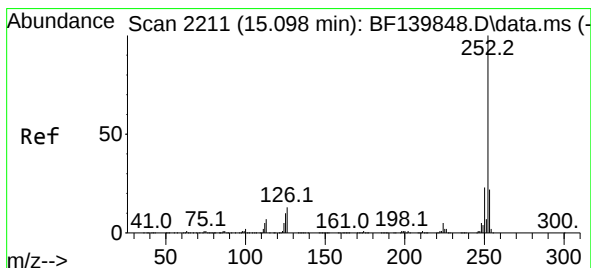
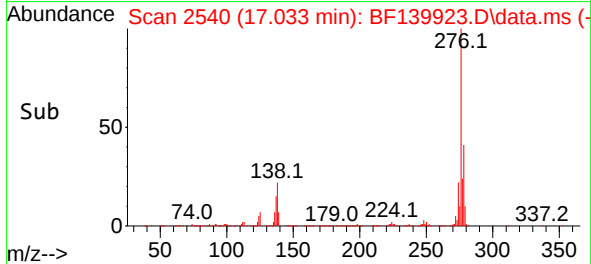
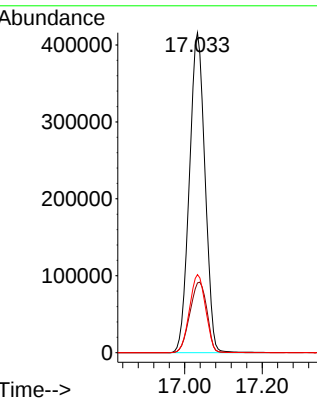
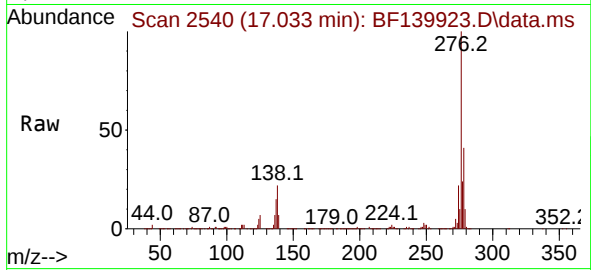
277 25.2 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024

Supervised By :mohammad ahmed 10/24/2024



#88

Benzo(b)fluoranthene

Concen: 45.771 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

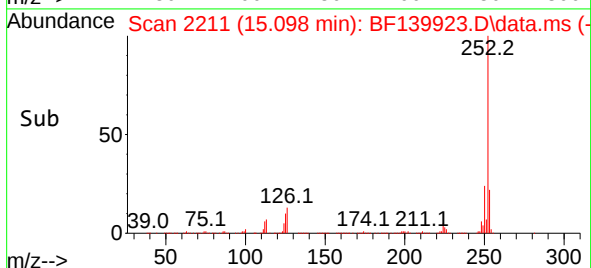
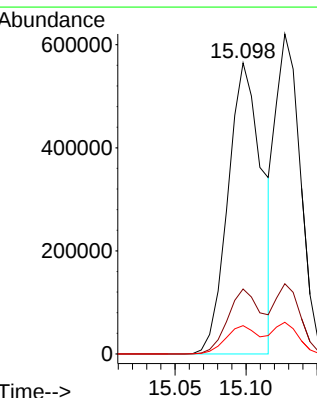
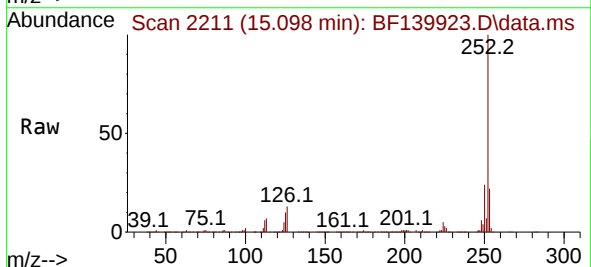
Tgt Ion:252 Resp: 945107

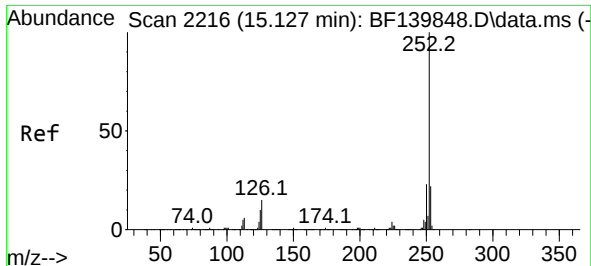
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

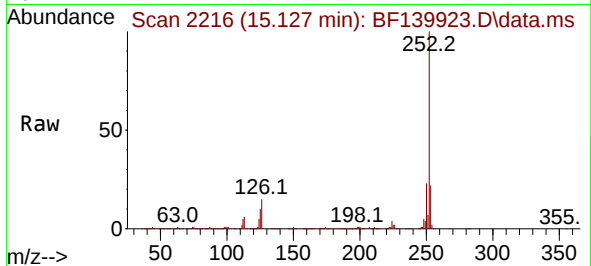
125 9.7 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 42.349 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

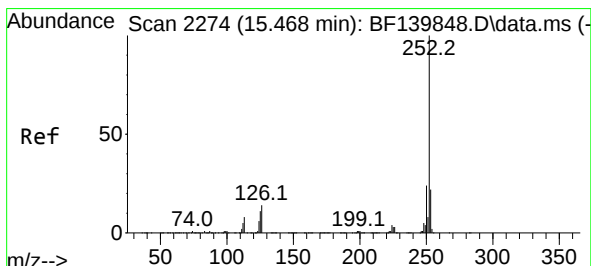
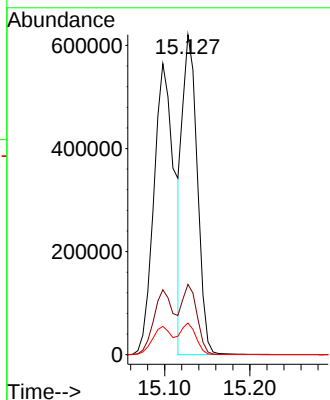
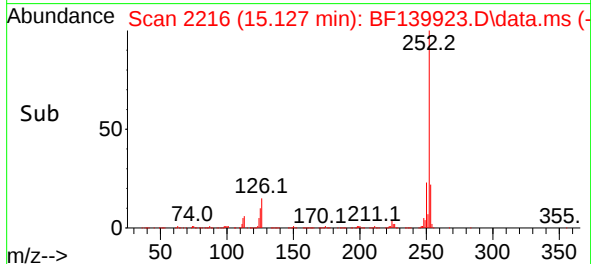
Instrument :
BNA_F
ClientSampleId :
PB164176BS



Tgt Ion:252 Resp: 75413
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.9 7.9 11.9

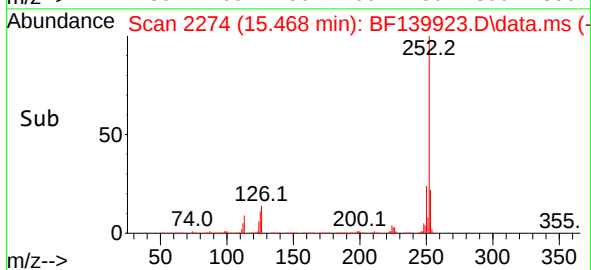
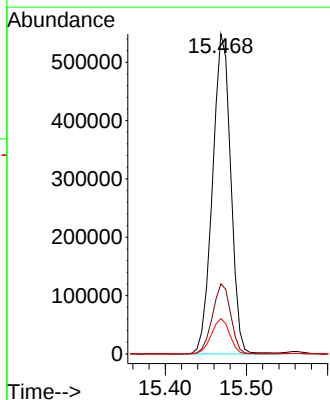
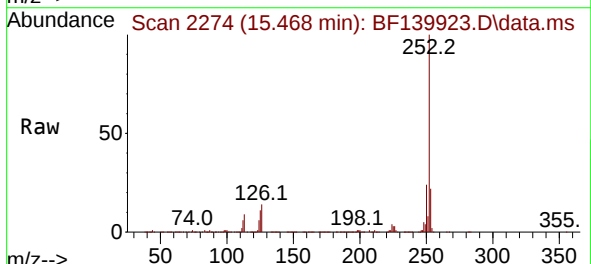
Manual Integrations
APPROVED

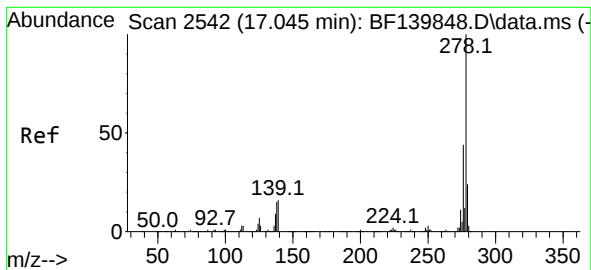
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#90
Benzo(a)pyrene
Concen: 50.382 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:252 Resp: 855994
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 52.180 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion:278 Resp: 94924

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

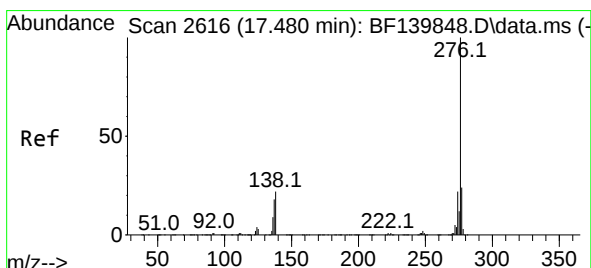
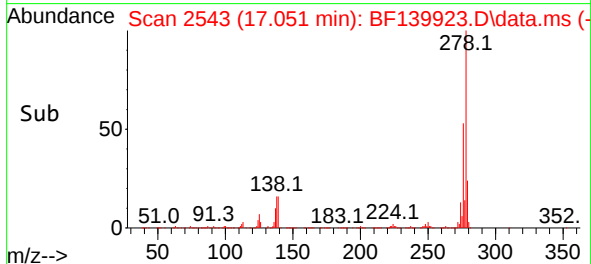
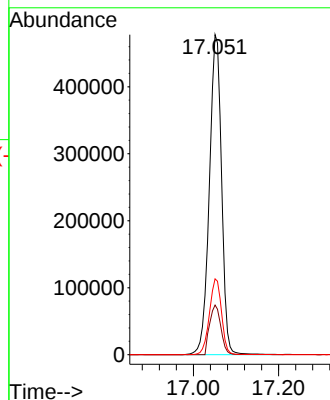
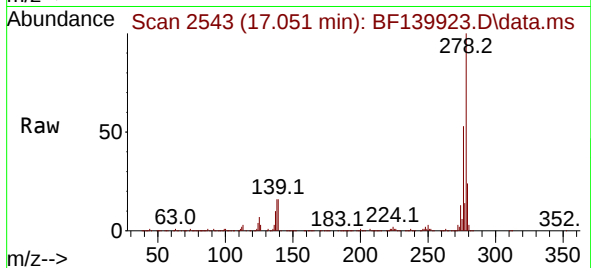
279 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024

Supervised By :mohammad ahmed 10/24/2024



#92

Benzo(g,h,i)perylene

Concen: 49.184 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Tgt Ion:276 Resp: 893724

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 21.2 17.4 26.0

