

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139971.D
 Acq On : 23 Oct 2024 18:28
 Operator : RC/JU
 Sample : P4397-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:10:59 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	137496	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	502859	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	242617	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	363131	20.000	ng	0.00
76) Chrysene-d12	14.057	240	305569	20.000	ng	0.00
86) Perylene-d12	15.533	264	311545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1225492	139.531	ng	0.03
7) Phenol-d6	6.516	99	1477382	129.876	ng	0.00
23) Nitrobenzene-d5	7.451	82	1009040	111.213	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	350375	154.393	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1650095	112.404	ng	0.00
79) Terphenyl-d14	12.998	244	1592275	84.910	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	170207	41.564	ng	# 80
3) Pyridine	3.599	79	310393	30.580	ng	95
4) n-Nitrosodimethylamine	3.528	42	236790	43.420	ng	95
6) Aniline	6.557	93	172832	16.302	ng	97
8) 2-Chlorophenol	6.675	128	451643	50.301	ng	99
9) Benzaldehyde	6.446	77	27050	4.227	ng	92
10) Phenol	6.534	94	520184m	44.356	ng	
11) bis(2-Chloroethyl)ether	6.628	93	437994	48.320	ng	99
12) 1,3-Dichlorobenzene	6.834	146	465766	45.190	ng	98
13) 1,4-Dichlorobenzene	6.910	146	466553	45.308	ng	99
14) 1,2-Dichlorobenzene	7.063	146	446998	46.512	ng	98
15) Benzyl Alcohol	7.028	79	408219	48.922	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	712316	46.086	ng	97
17) 2-Methylphenol	7.140	107	372657	48.674	ng	99
18) Hexachloroethane	7.404	117	163287	44.468	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	325882	47.235	ng	95
20) 3+4-Methylphenols	7.293	107	460612	47.035	ng	# 80
22) Acetophenone	7.298	105	607644	49.335	ng	99
24) Nitrobenzene	7.475	77	487597	49.017	ng	97
25) Isophorone	7.710	82	883102	51.282	ng	99
26) 2-Nitrophenol	7.787	139	221380	58.991	ng	97
27) 2,4-Dimethylphenol	7.816	122	376929	60.236	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	530666	50.862	ng	99
29) 2,4-Dichlorophenol	8.022	162	367175	51.515	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	375220	47.576	ng	99
31) Naphthalene	8.192	128	1475280	56.885	ng	100
32) Benzoic acid	7.922	122	258420	47.349	ng	97
33) 4-Chloroaniline	8.240	127	47003	5.315	ng	98
34) Hexachlorobutadiene	8.310	225	240622	48.558	ng	99
35) Caprolactam	8.598	113	97605	43.068	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	379896	48.136	ng	97
37) 2-Methylnaphthalene	8.887	142	853619	53.743	ng	99
38) 1-Methylnaphthalene	8.987	142	797249	51.160	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	373726	57.097	ng	99
41) Hexachlorocyclopentadiene	9.039	237	214740	94.288	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	265846	57.367	ng	99

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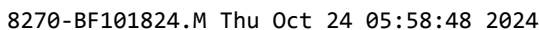
Quant Time: Oct 24 01:10:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
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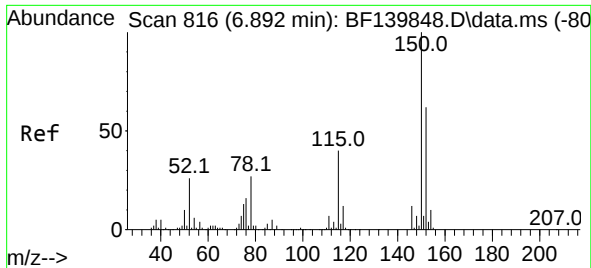
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	256132	53.572	ng	99
46) 1,1'-Biphenyl	9.351	154	943666	55.872	ng	100
47) 2-Chloronaphthalene	9.375	162	726392	53.399	ng	99
48) 2-Nitroaniline	9.463	65	238771	57.391	ng	95
49) Acenaphthylene	9.792	152	1082454	55.041	ng	100
50) Dimethylphthalate	9.645	163	864443	57.202	ng	100
51) 2,6-Dinitrotoluene	9.710	165	181141	55.360	ng	94
52) Acenaphthene	9.963	154	777728	61.133	ng	99
53) 3-Nitroaniline	9.875	138	60382	17.895	ng	98
54) 2,4-Dinitrophenol	9.981	184	133653	96.818	ng	# 1
55) Dibenzofuran	10.134	168	952626	52.190	ng	98
56) 4-Nitrophenol	10.028	139	253848	97.783	ng	96
57) 2,4-Dinitrotoluene	10.110	165	228275	56.731	ng	95
58) Fluorene	10.475	166	716351	51.527	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	195676	52.207	ng	96
60) Diethylphthalate	10.345	149	795465	53.610	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	360807	51.391	ng	98
62) 4-Nitroaniline	10.486	138	145450	45.640	ng	95
63) Azobenzene	10.628	77	743674	47.276	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	94987	64.129	ng	91
66) n-Nitrosodiphenylamine	10.586	169	640036	58.890	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	218757	58.477	ng	97
68) Hexachlorobenzene	11.022	284	230847	54.868	ng	99
69) Atrazine	11.110	200	164318	55.813	ng	99
70) Pentachlorophenol	11.216	266	289137	113.234	ng	100
71) Phenanthrene	11.439	178	1006570	58.683	ng	99
72) Anthracene	11.492	178	966636	57.759	ng	100
73) Carbazole	11.639	167	834210	53.597	ng	99
74) Di-n-butylphthalate	11.975	149	1066617	59.315	ng	100
75) Fluoranthene	12.627	202	1023615	59.032	ng	100
77) Benzidine	12.745	184	154077	30.665	ng	99
78) Pyrene	12.857	202	1058288	39.566	ng	100
80) Butylbenzylphthalate	13.474	149	457311	57.029	ng	99
81) Benzo(a)anthracene	14.045	228	1075786	54.083	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	231729	39.955	ng	100
83) Chrysene	14.080	228	1005483	55.131	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	643508	71.526	ng	100
85) Di-n-octyl phthalate	14.645	149	1177689	71.968	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	729499	36.398	ng	99
88) Benzo(b)fluoranthene	15.098	252	1164759	61.374	ng	100
89) Benzo(k)fluoranthene	15.127	252	966378	59.044	ng	100
90) Benzo(a)pyrene	15.468	252	932048	59.687	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	614593	36.758	ng	99
92) Benzo(g,h,i)perylene	17.474	276	516991	30.956	ng	99

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

Manual Integrations

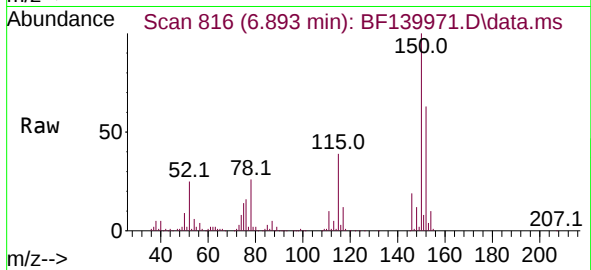
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

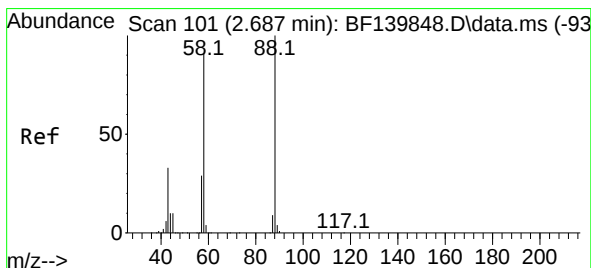
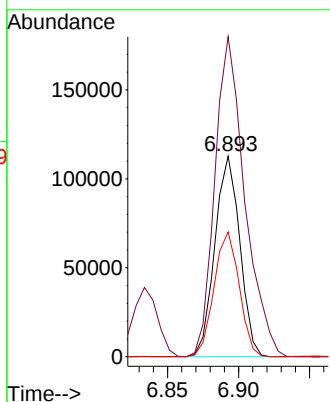
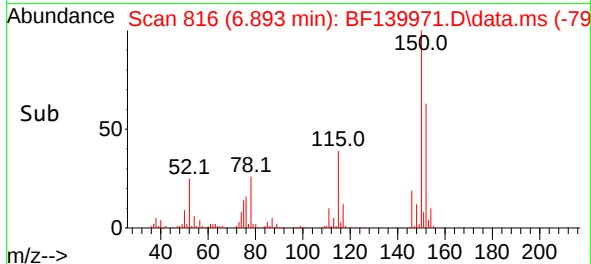
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



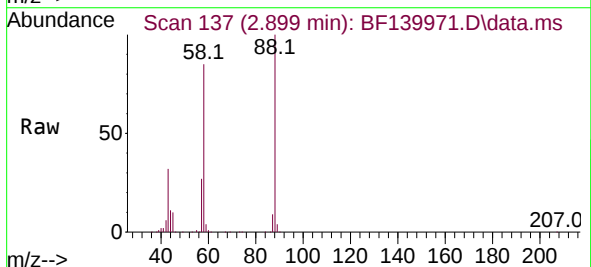
Tgt Ion:152 Resp: 137490
Ion Ratio Lower Upper
152 100
150 159.6 130.2 195.2
115 62.3 51.4 77.2

Manual Integrations
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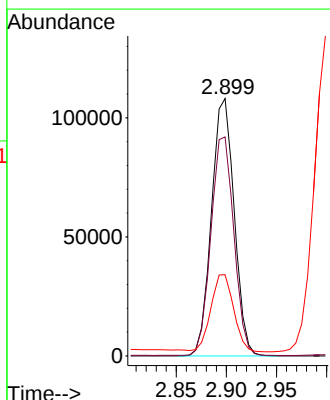
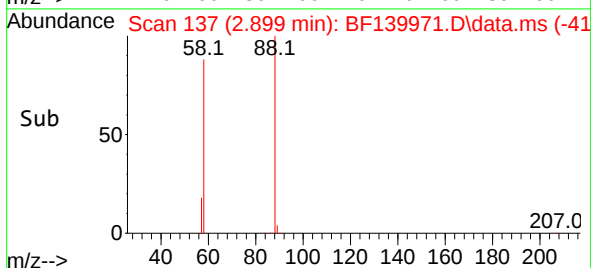
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

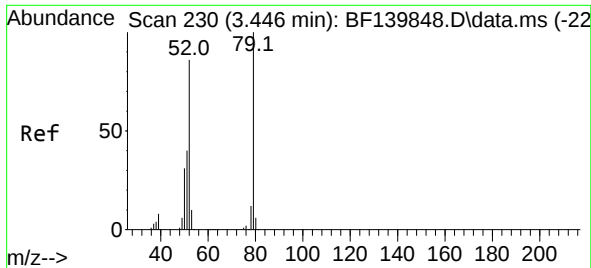


#2
1,4-Dioxane
Concen: 41.564 ng
RT: 2.899 min Scan# 137
Delta R.T. 0.212 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion: 88 Resp: 170207
Ion Ratio Lower Upper
88 100
58 85.8 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 30.580 ng

RT: 3.599 min Scan# 21

Delta R.T. 0.153 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion: 79 Resp: 31039

Ion Ratio Lower Upper

79 100

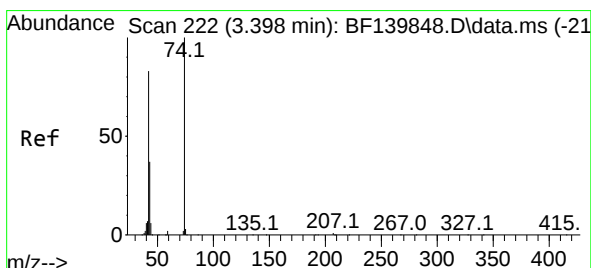
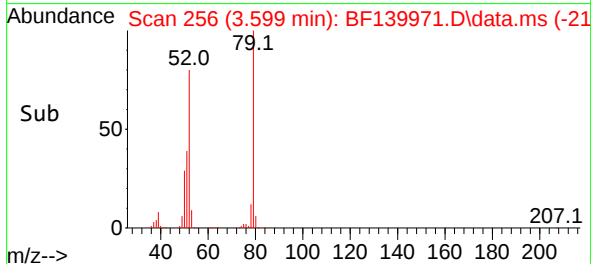
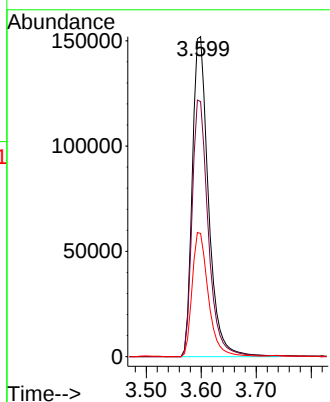
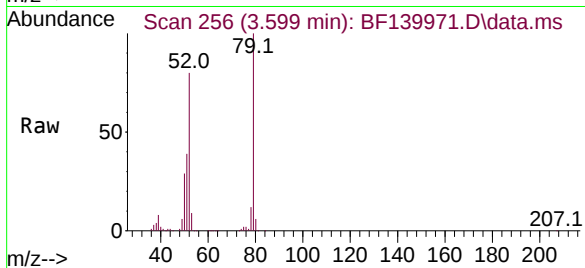
52 79.7 68.5 102.7

51 38.5 32.3 48.5

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#4

n-Nitrosodimethylamine

Concen: 43.420 ng

RT: 3.528 min Scan# 244

Delta R.T. 0.130 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

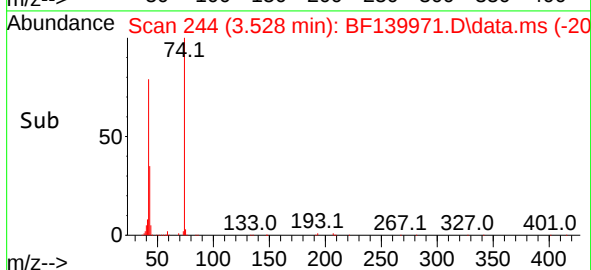
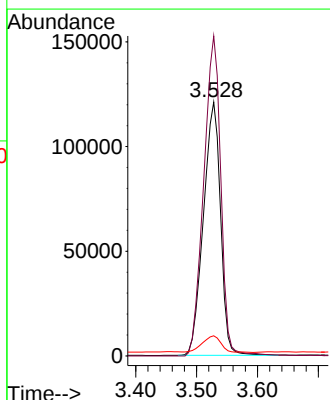
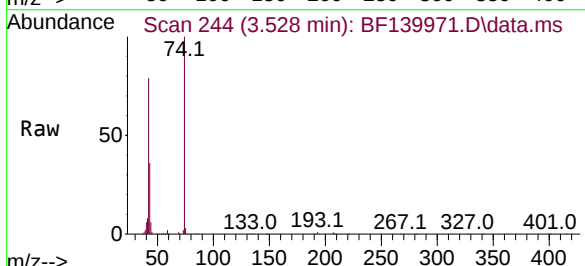
Tgt Ion: 42 Resp: 236790

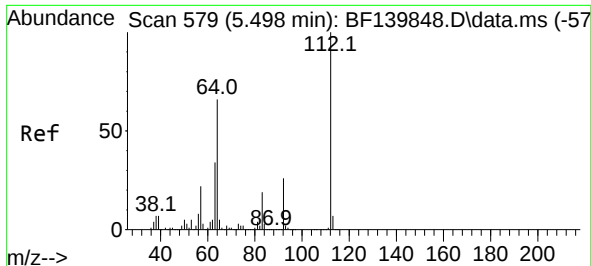
Ion Ratio Lower Upper

42 100

74 126.1 96.2 144.4

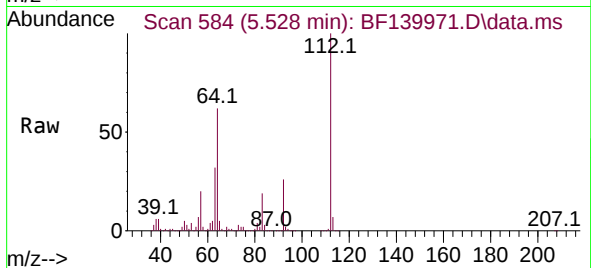
44 8.0 6.2 9.2





#5
2-Fluorophenol
Concen: 139.531 ng
RT: 5.528 min Scan# 579
Delta R.T. 0.030 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

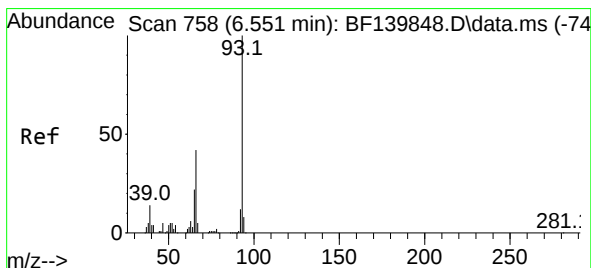
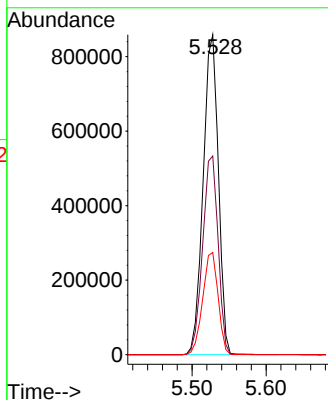
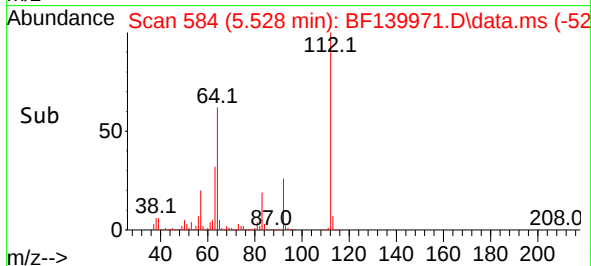
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



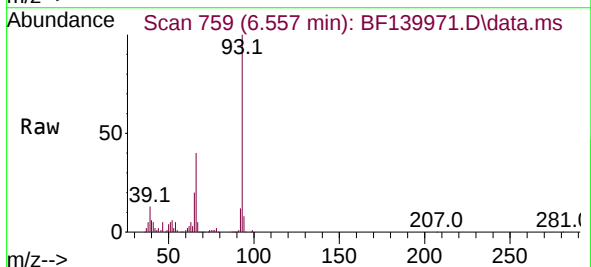
Tgt Ion: 112 Resp: 1225492
Ion Ratio Lower Upper
112 100
64 62.1 53.0 79.6
63 31.9 27.0 40.4

Manual Integrations
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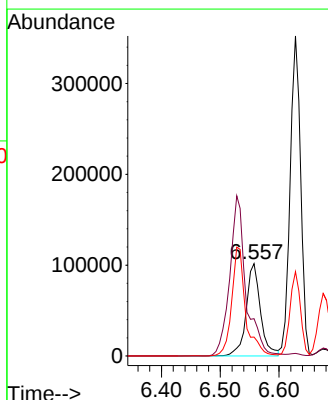
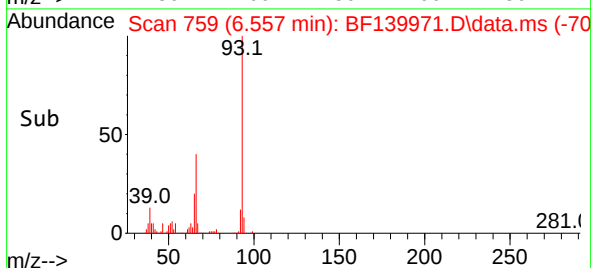
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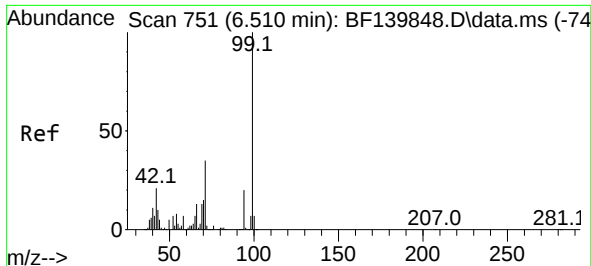


#6
Aniline
Concen: 16.302 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion: 93 Resp: 172832
Ion Ratio Lower Upper
93 100
66 40.4 34.0 51.0
65 20.5 17.4 26.0





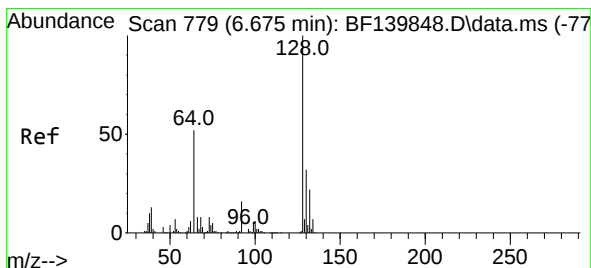
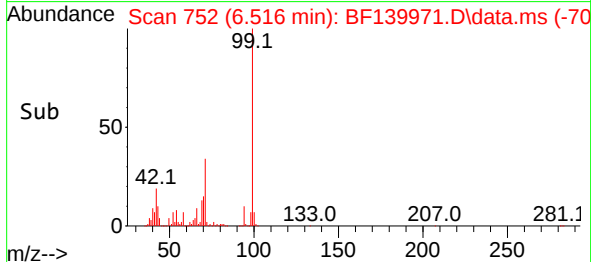
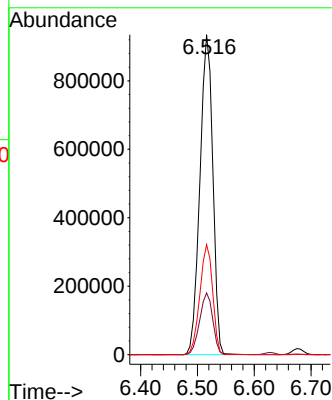
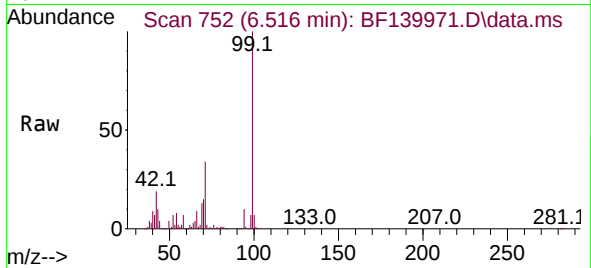
#7
Phenol-d6
Concen: 129.876 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Instrument :
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Tgt Ion: 99 Resp: 147738
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 34.4 27.7 41.5

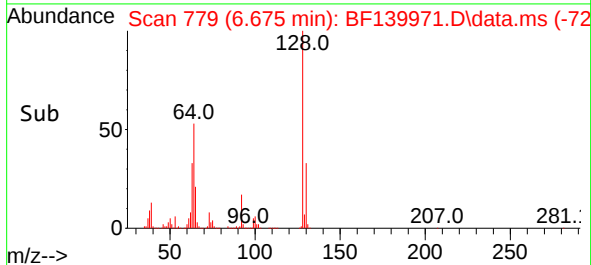
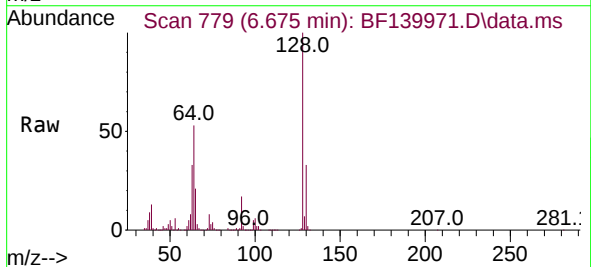
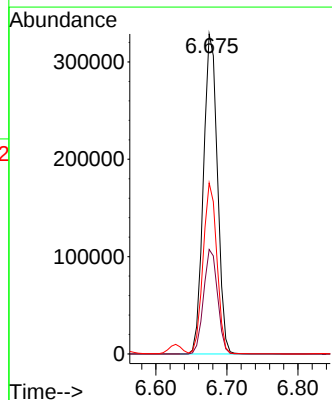
Manual Integrations
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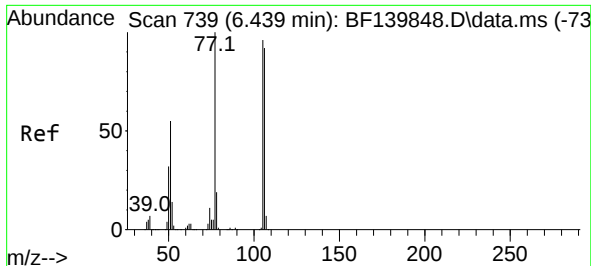
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#8
2-Chlorophenol
Concen: 50.301 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

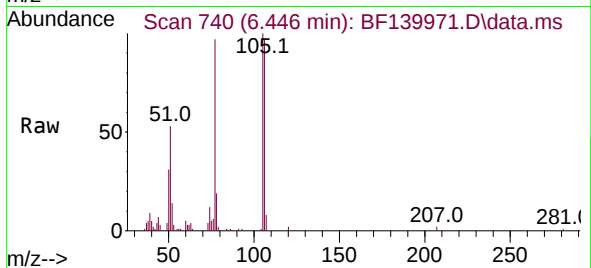
Tgt Ion:128 Resp: 451643
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 53.5 34.6 74.6





#9
Benzaldehyde
Concen: 4.227 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.007 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

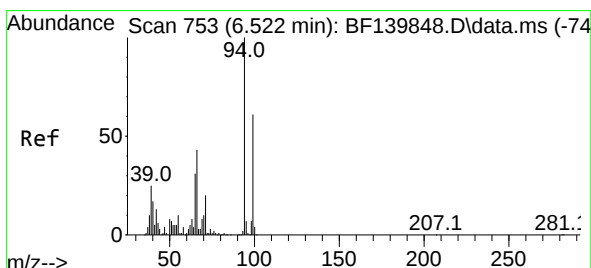
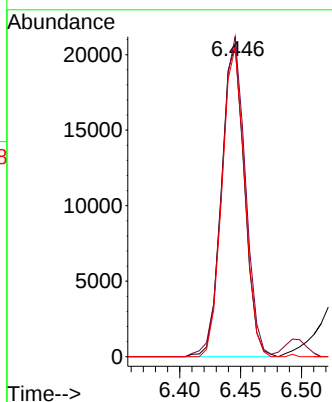
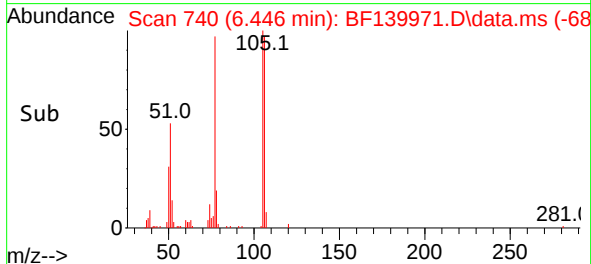
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion: 77 Resp: 27050
Ion Ratio Lower Upper
77 100
105 102.8 75.5 115.5
106 99.5 71.7 111.7

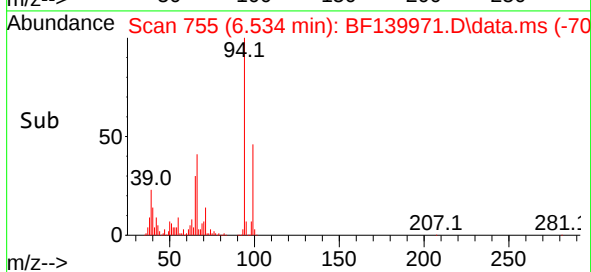
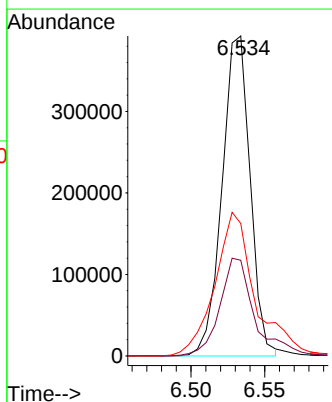
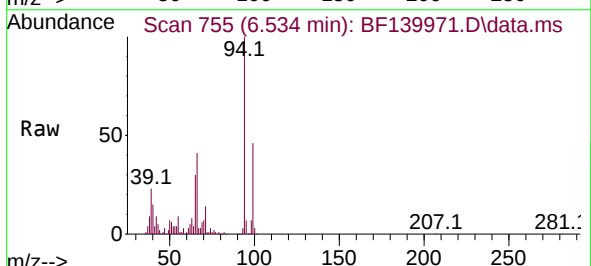
Manual Integrations
APPROVED

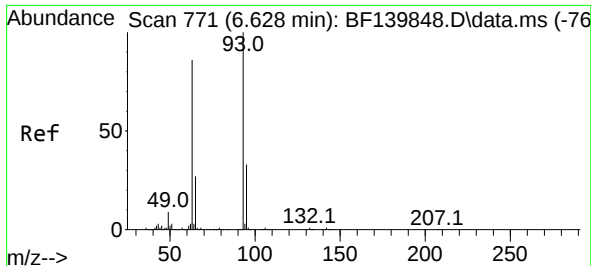
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#10
Phenol
Concen: 44.356 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

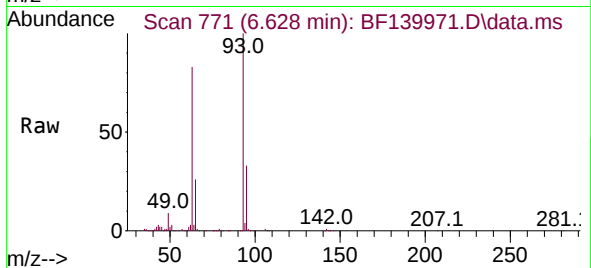
Tgt Ion: 94 Resp: 520184
Ion Ratio Lower Upper
94 100
65 29.9 11.1 51.1
66 41.4 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 48.320 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

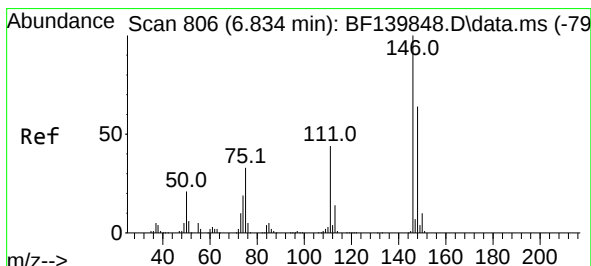
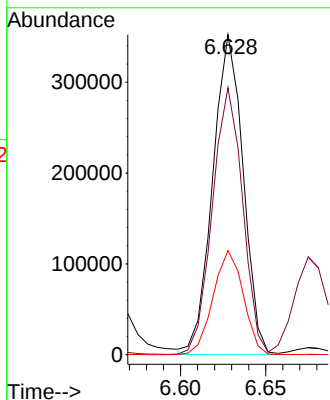
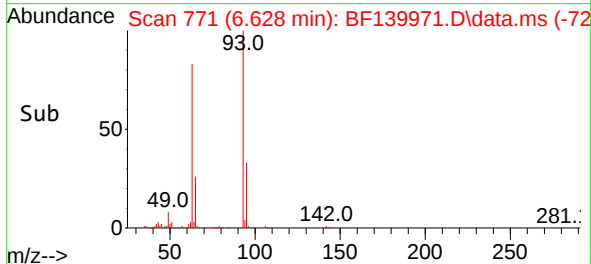
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



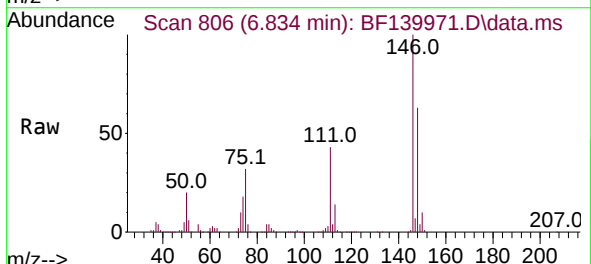
Tgt Ion: 93 Resp: 437994
Ion Ratio Lower Upper
93 100
63 83.5 65.0 105.0
95 32.5 12.4 52.4

Manual Integrations
APPROVED

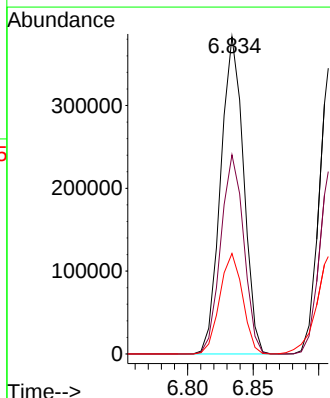
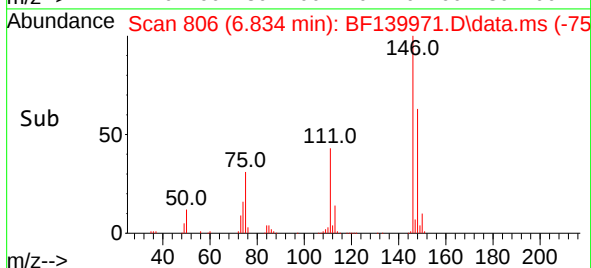
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

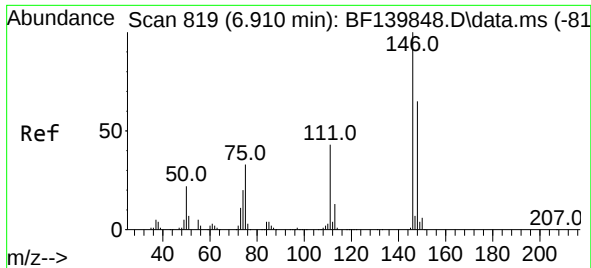


#12
1,3-Dichlorobenzene
Concen: 45.190 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:146 Resp: 465766
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.4
75 31.6 26.4 39.6





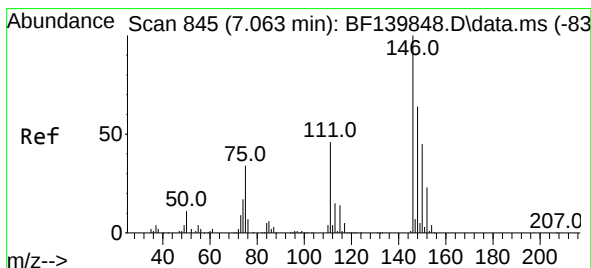
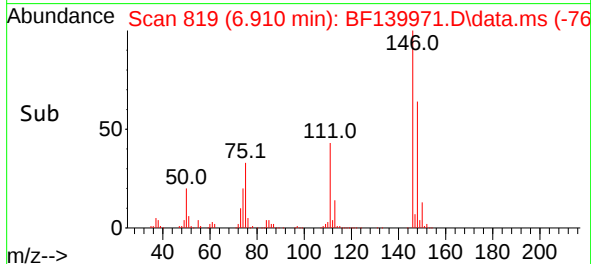
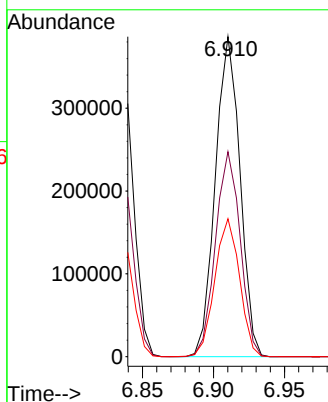
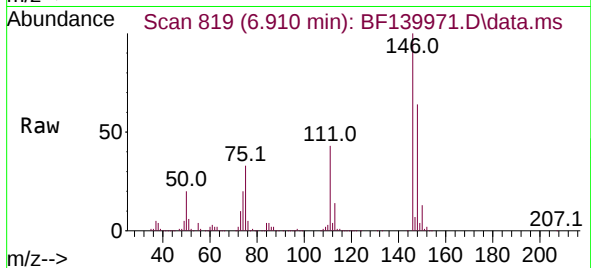
#13
1,4-Dichlorobenzene
Concen: 45.308 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion:146 Resp: 466551
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 43.1 34.6 51.8

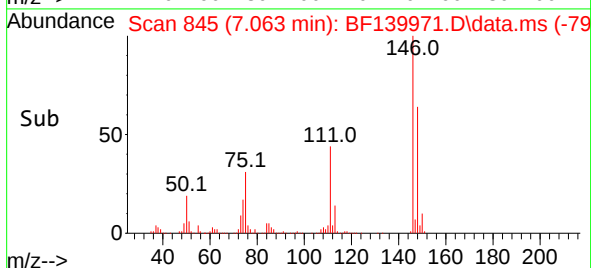
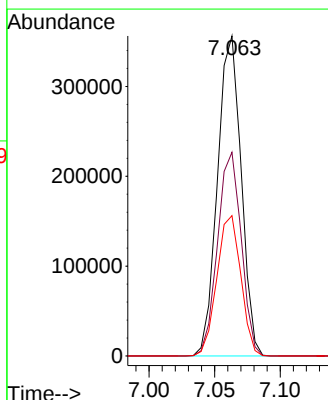
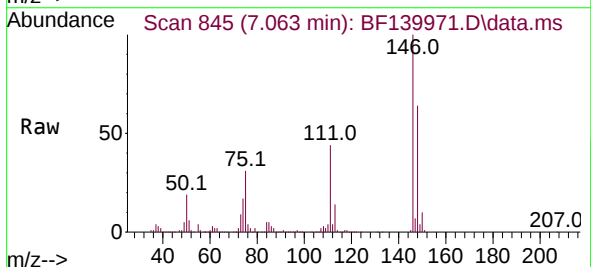
Manual Integrations
APPROVED

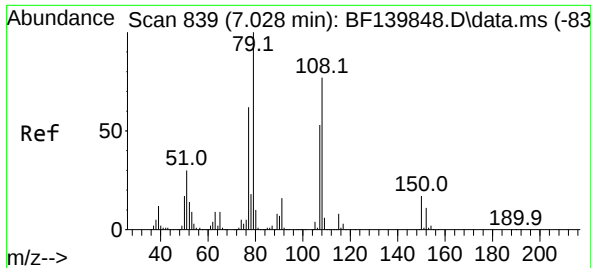
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#14
1,2-Dichlorobenzene
Concen: 46.512 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Tgt Ion:146 Resp: 446998
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.8 36.7 55.1





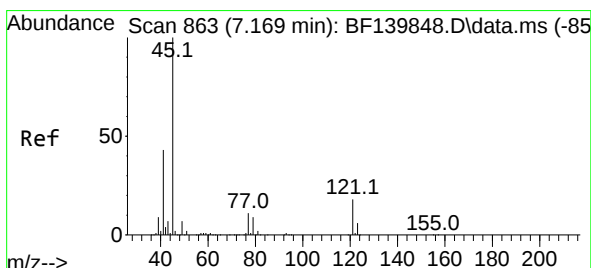
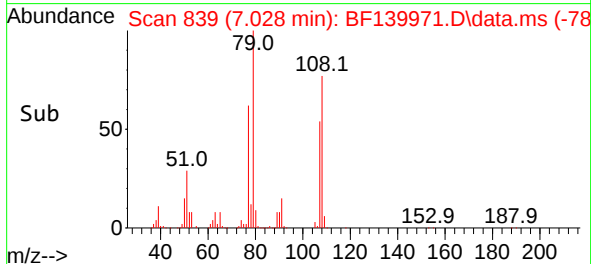
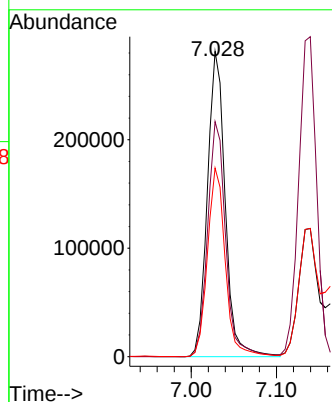
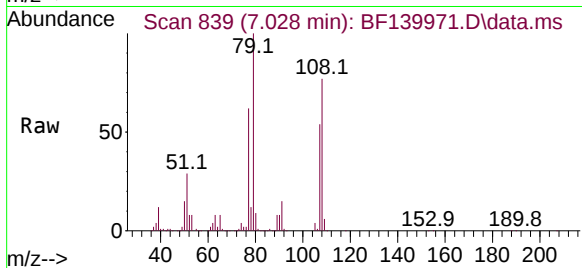
#15
Benzyl Alcohol
Concen: 48.922 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion: 79 Resp: 408219
Ion Ratio Lower Upper
79 100
108 77.0 61.4 92.0
77 61.8 49.9 74.9

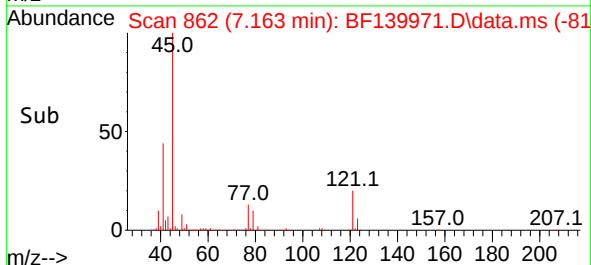
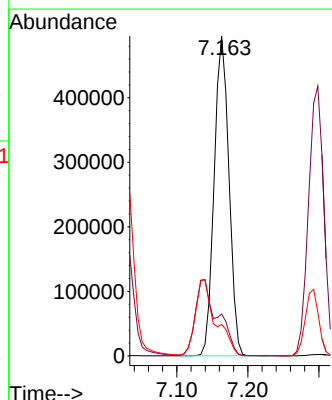
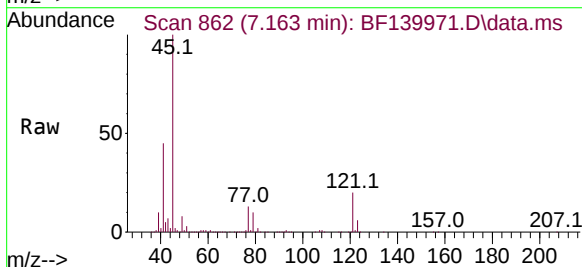
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.086 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

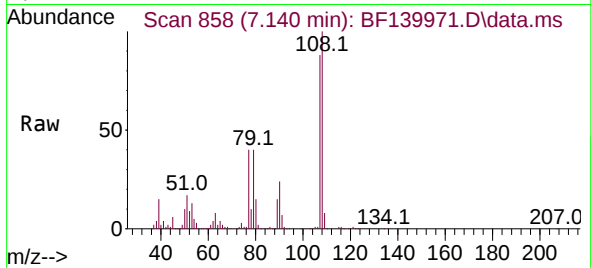
Tgt Ion: 45 Resp: 712316
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.8 0.0 29.1





#17
2-Methylphenol
Concen: 48.674 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

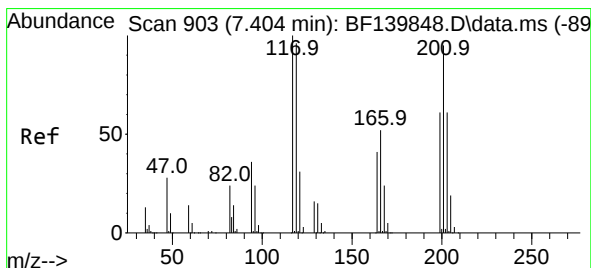
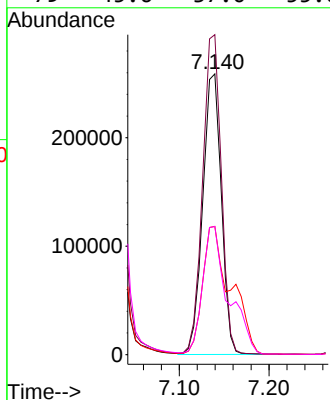
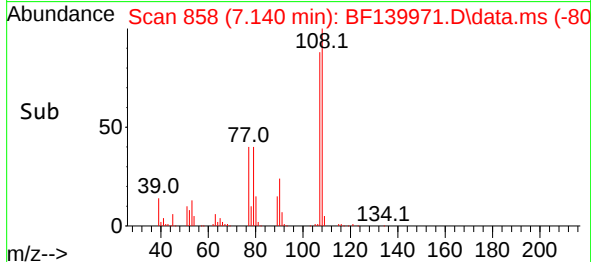
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:	107	Resp:	37265
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.3	136.9
77	45.7	37.1	55.7
79	45.6	37.0	55.6

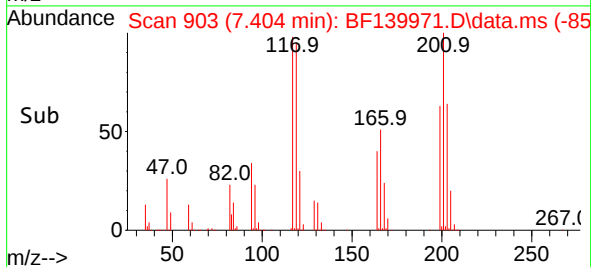
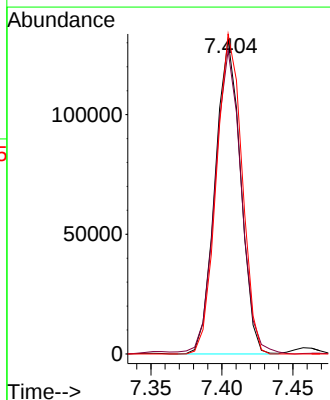
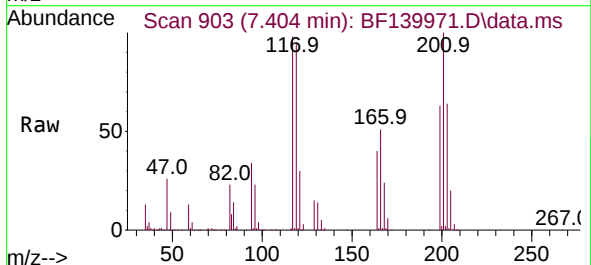
Manual Integrations
APPROVED

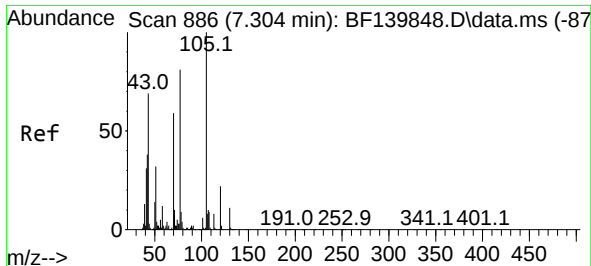
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#18
Hexachloroethane
Concen: 44.468 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

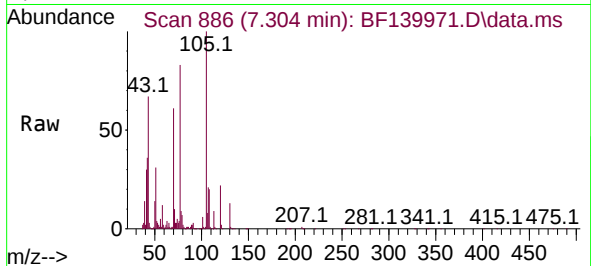
Tgt Ion:	117	Resp:	163287
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.0	115.4
201	101.9	76.2	114.4





#19
n-Nitroso-di-n-propylamine
Concen: 47.235 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

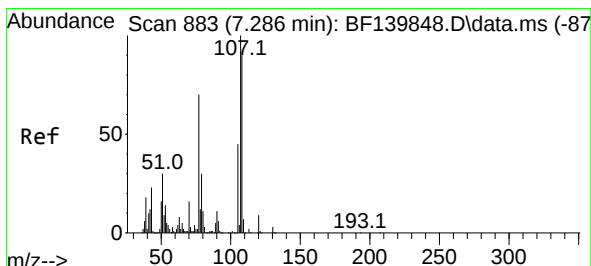
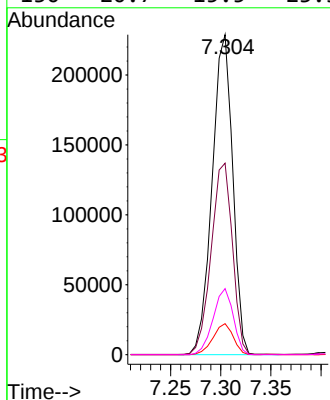
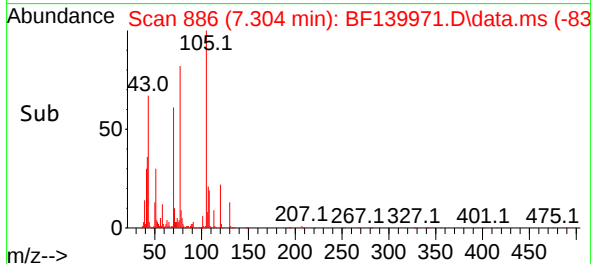
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



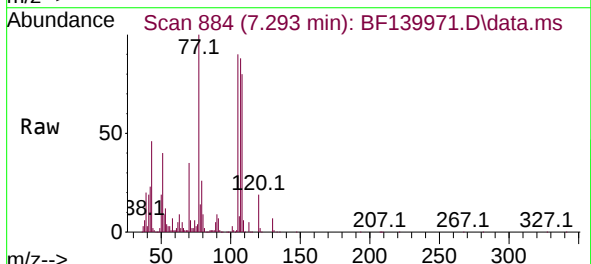
Tgt Ion: 70 Resp: 32588
Ion Ratio Lower Upper
70 100
42 59.8 51.5 77.3
101 9.7 7.5 11.3
130 20.7 15.5 23.3

Manual Integrations
APPROVED

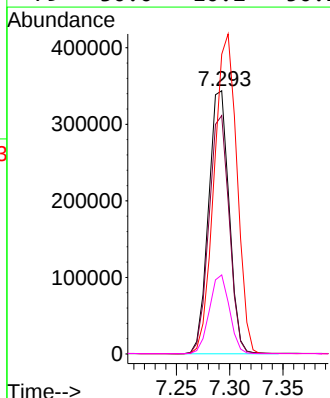
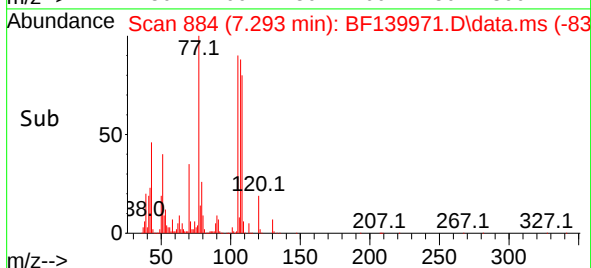
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

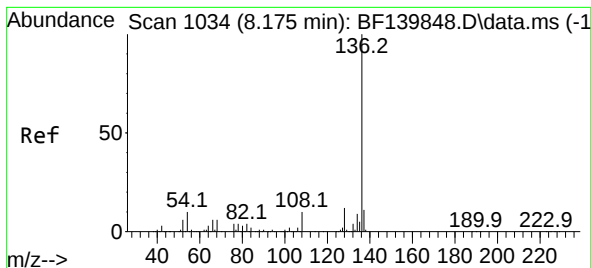


#20
3+4-Methylphenols
Concen: 47.035 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:107 Resp: 460612
Ion Ratio Lower Upper
107 100
108 90.5 69.8 109.8
77 113.8 50.5 90.5#
79 30.0 10.2 50.2





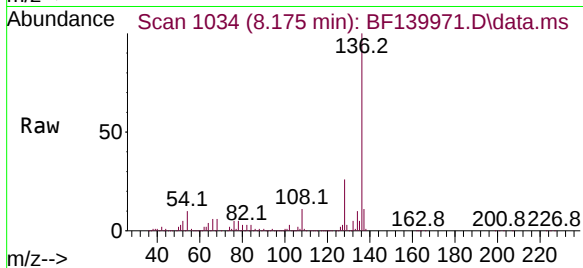
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

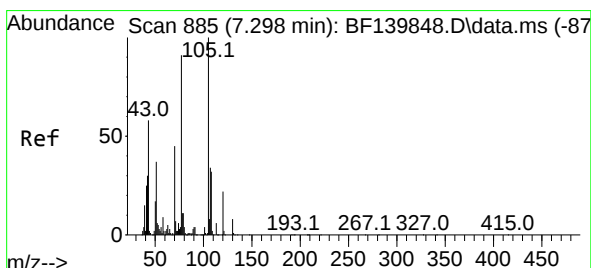
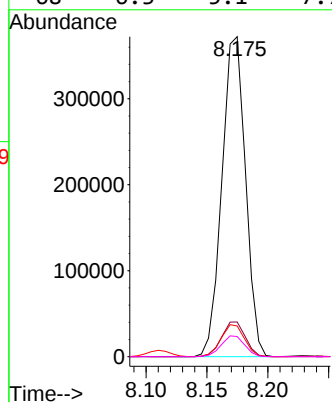
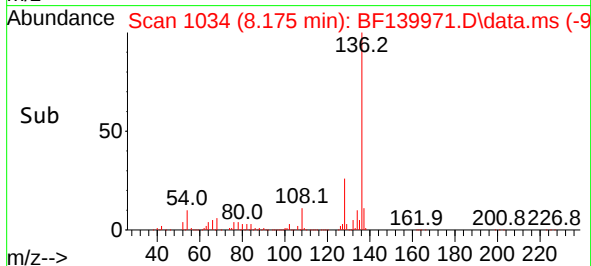


Tgt Ion:136 Resp: 50285
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 6.3 5.1 7.7

Manual Integrations

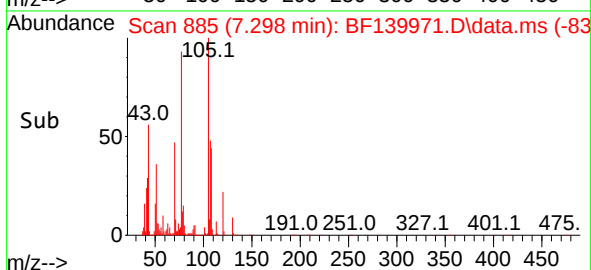
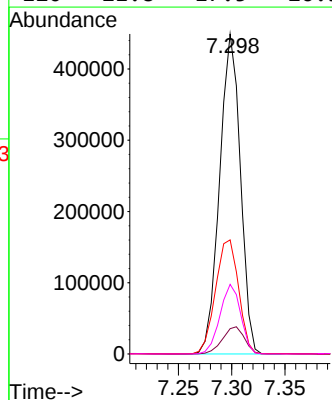
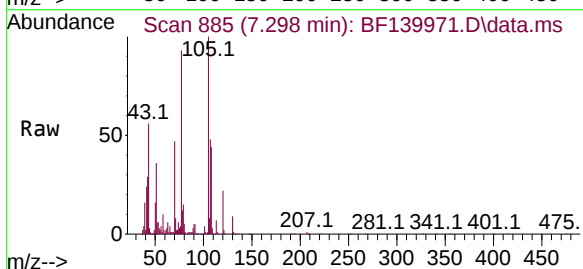
APPROVED

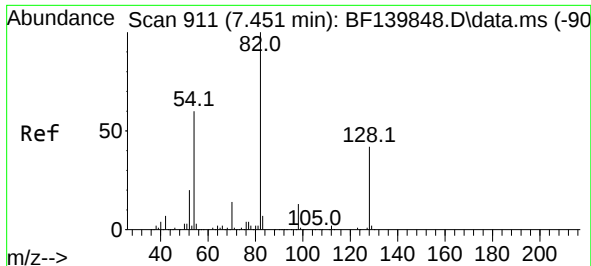
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#22
Acetophenone
Concen: 49.335 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

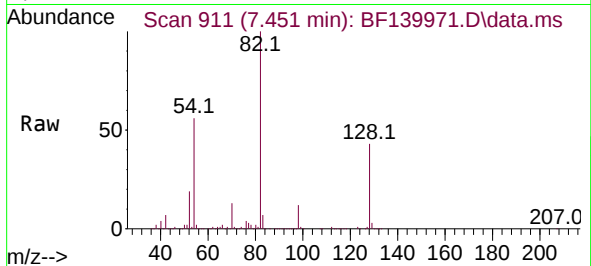
Tgt Ion:105 Resp: 607644
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 35.6 29.4 44.2
120 21.8 17.5 26.3





#23
Nitrobenzene-d5
Concen: 111.213 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

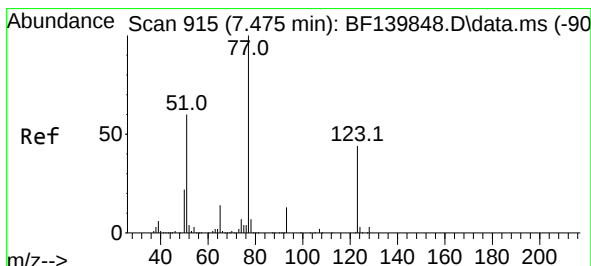
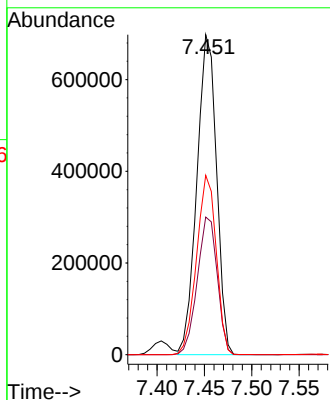
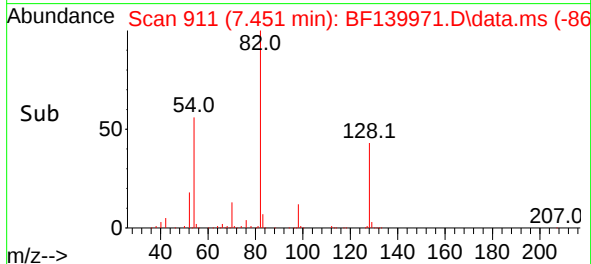
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion: 82 Resp: 1009040
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.0
54 56.0 47.8 71.8

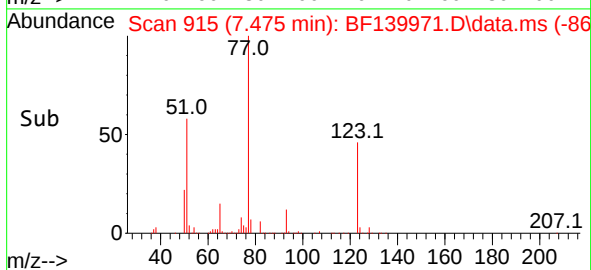
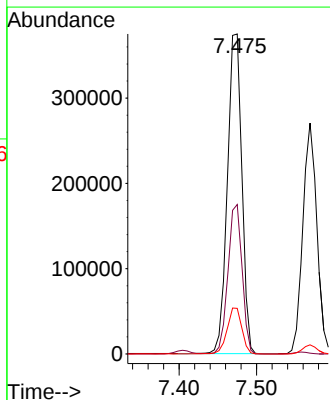
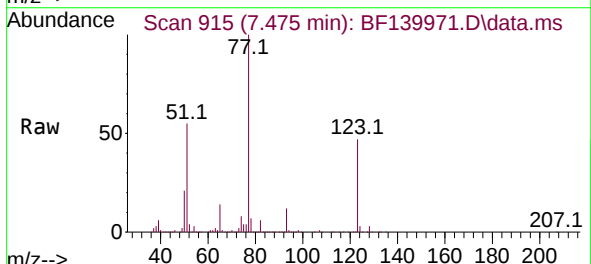
Manual Integrations
APPROVED

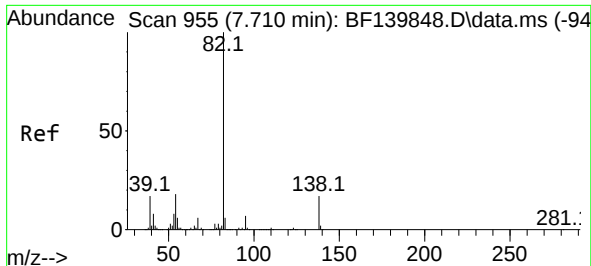
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#24
Nitrobenzene
Concen: 49.017 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

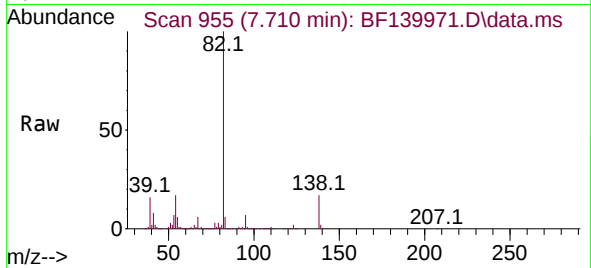
Tgt Ion: 77 Resp: 487597
Ion Ratio Lower Upper
77 100
123 46.7 35.7 53.5
65 14.3 11.5 17.3





#25
Isophorone
Concen: 51.282 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

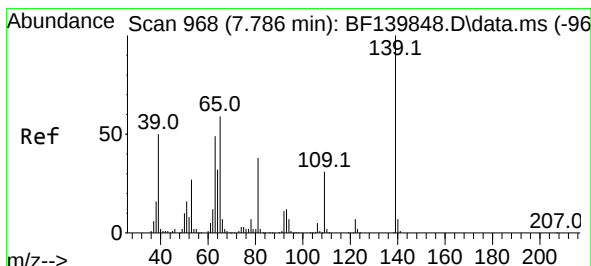
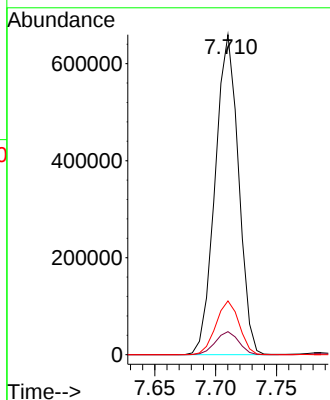
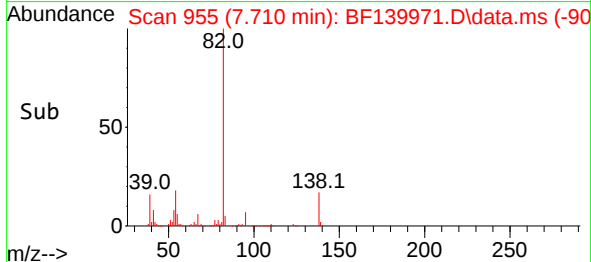
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion: 82 Resp: 88310
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.8 13.2 19.8

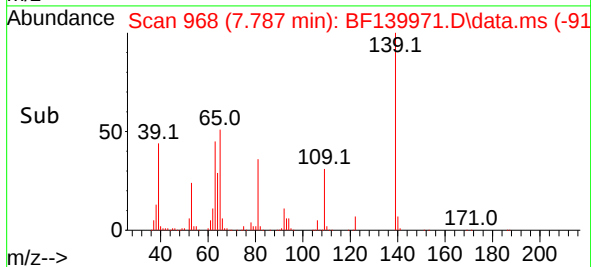
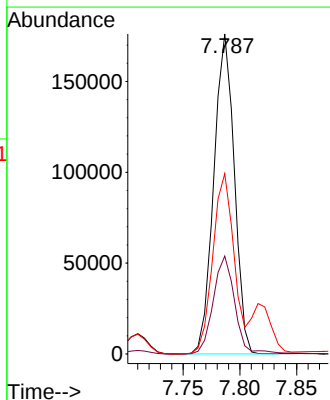
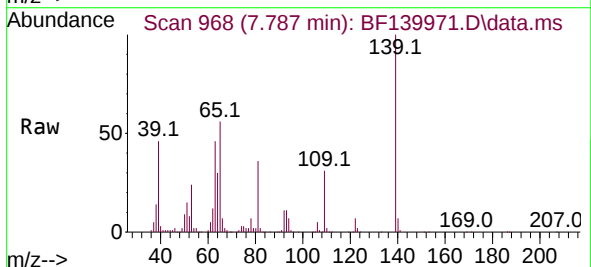
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#26
2-Nitrophenol
Concen: 58.991 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

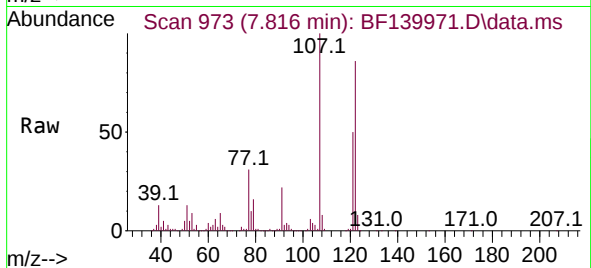
Tgt Ion:139 Resp: 221380
Ion Ratio Lower Upper
139 100
109 30.6 25.1 37.7
65 56.4 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 60.236 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

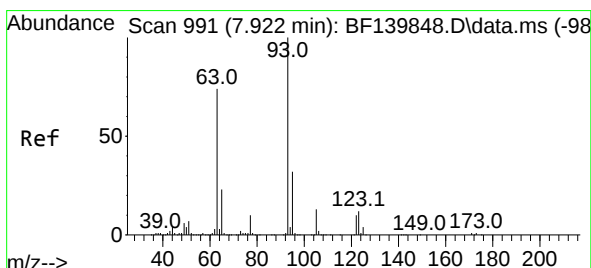
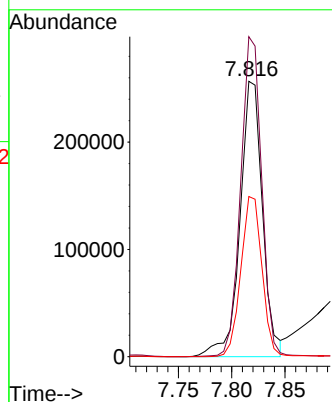
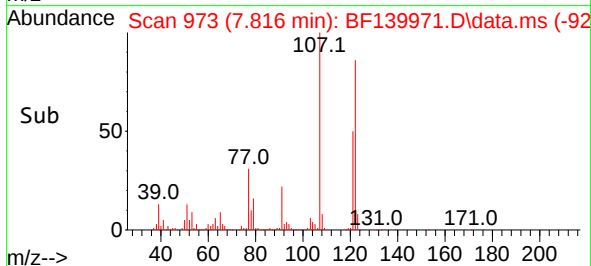
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:122 Resp: 376929
Ion Ratio Lower Upper
122 100
107 116.2 91.9 137.9
121 58.1 46.2 69.4

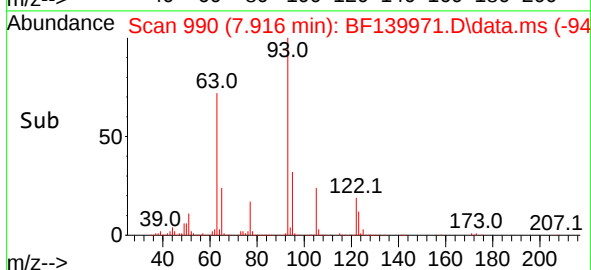
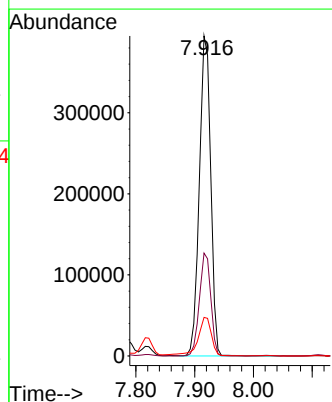
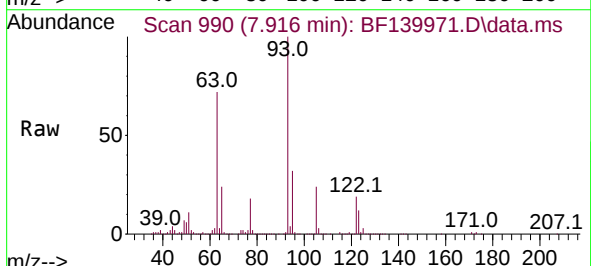
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Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.862 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Tgt Ion: 93 Resp: 530666
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.515 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

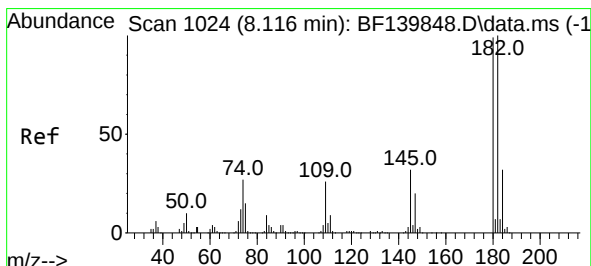
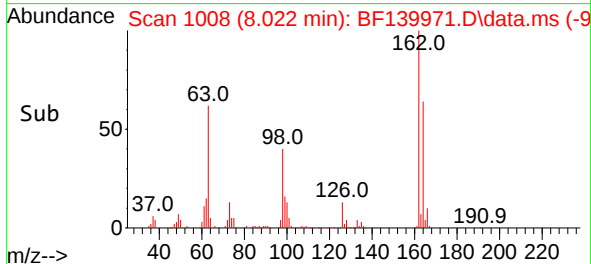
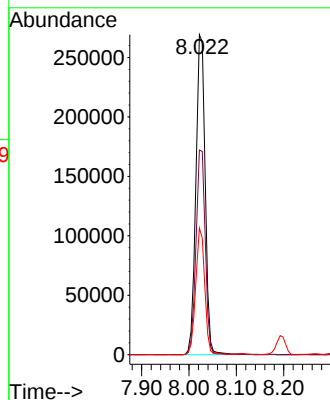
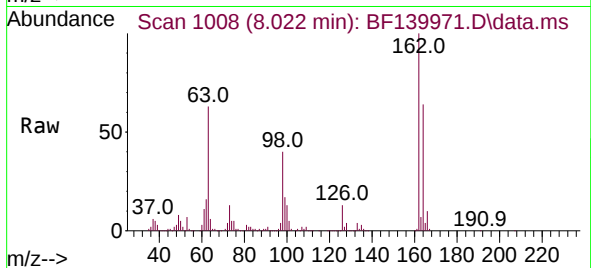
Tgt Ion:162 Resp: 36717

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.9	83.9
98	39.5	19.9	59.9

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.576 ng

RT: 8.110 min Scan# 1023

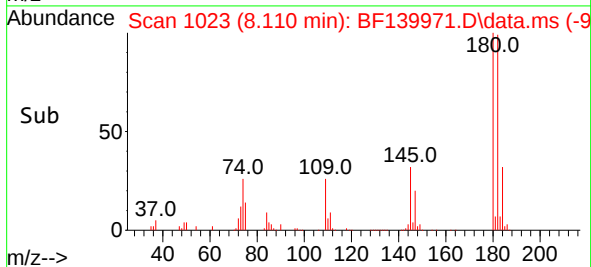
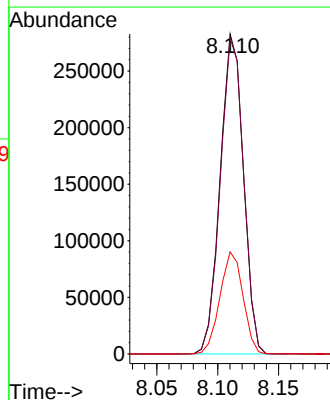
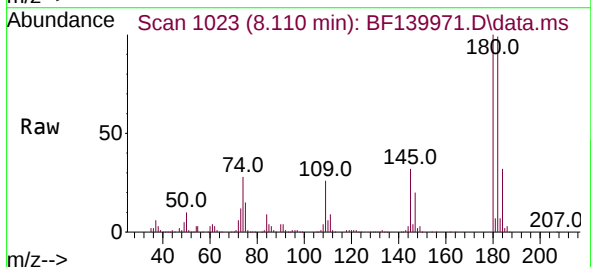
Delta R.T. -0.006 min

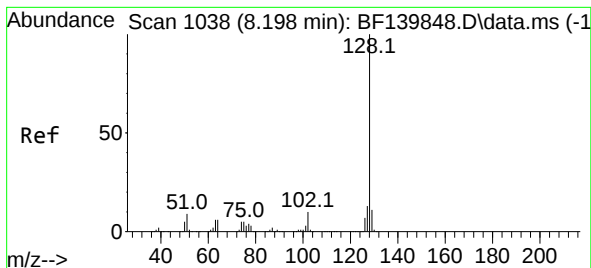
Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Tgt Ion:180 Resp: 375220

Ion	Ratio	Lower	Upper
180	100		
182	98.8	80.5	120.7
145	31.9	25.4	38.0





#31

Naphthalene

Concen: 56.885 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:128 Resp: 1475280

Ion Ratio Lower Upper

128 100

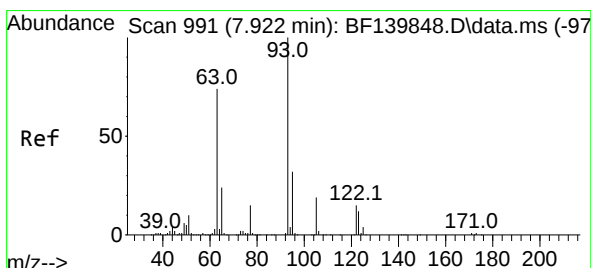
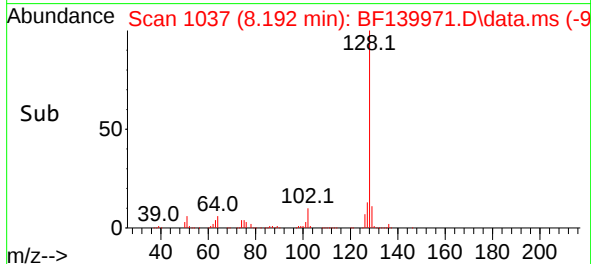
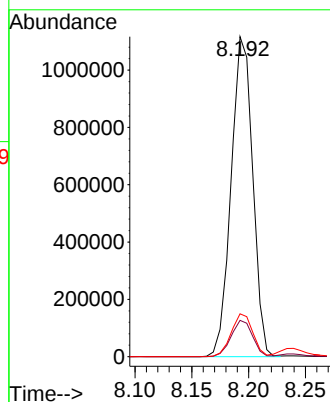
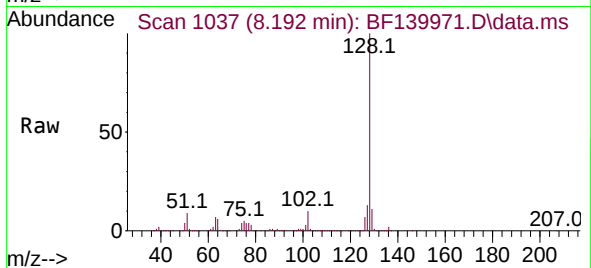
129 11.3 8.9 13.3

127 13.4 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#32

Benzoic acid

Concen: 47.349 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

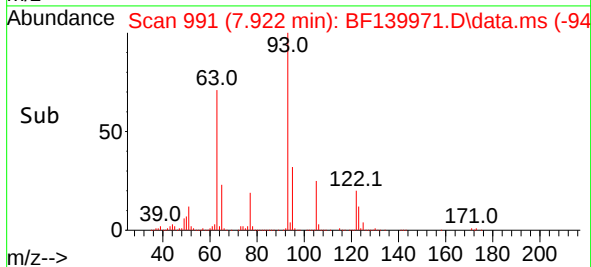
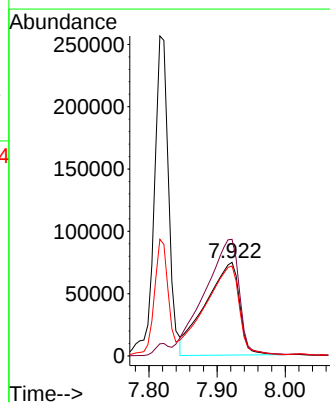
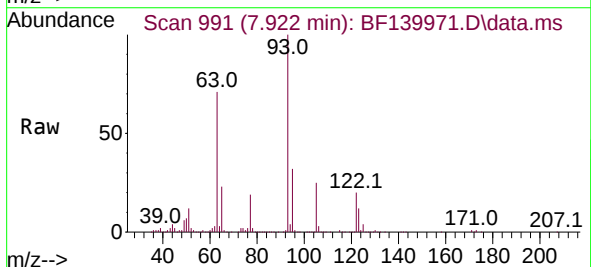
Tgt Ion:122 Resp: 258420

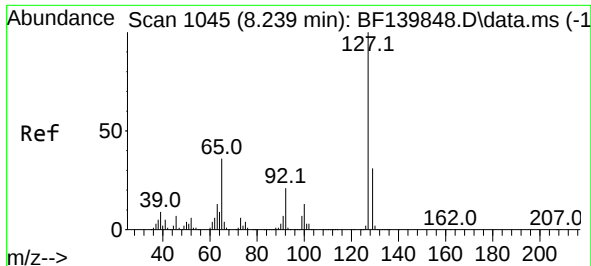
Ion Ratio Lower Upper

122 100

105 124.6 107.6 147.6

77 96.0 80.2 120.2





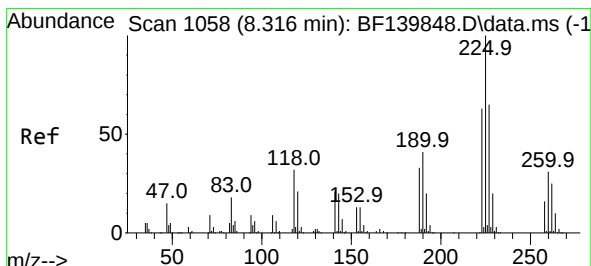
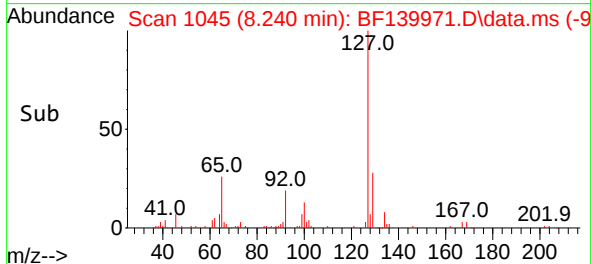
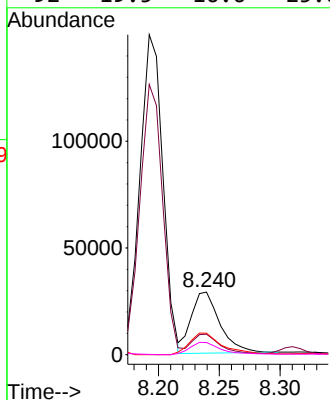
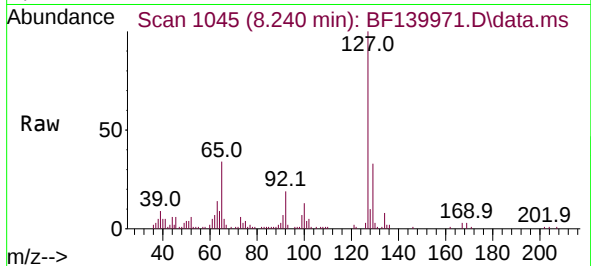
#33
4-Chloroaniline
Concen: 5.315 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion:127	Resp:	47000
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.4 38.2
65	34.2	28.4 42.6
92	19.5	16.6 25.0

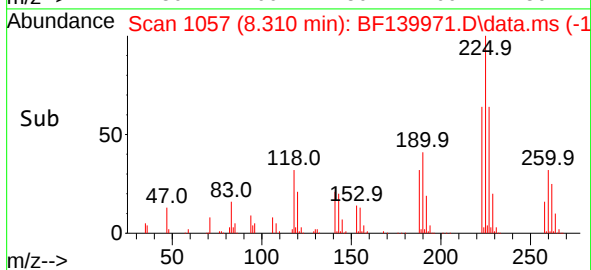
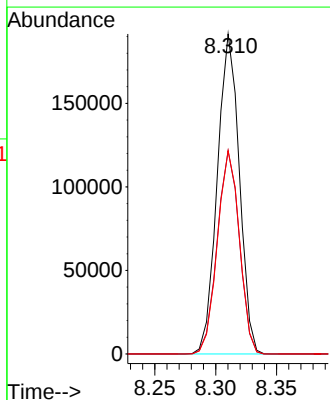
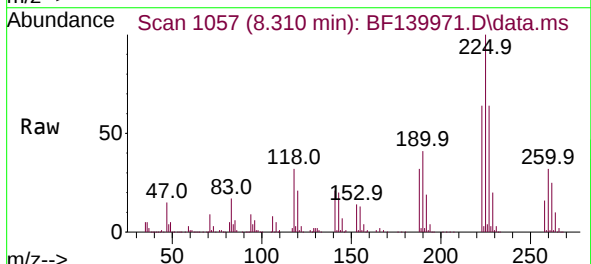
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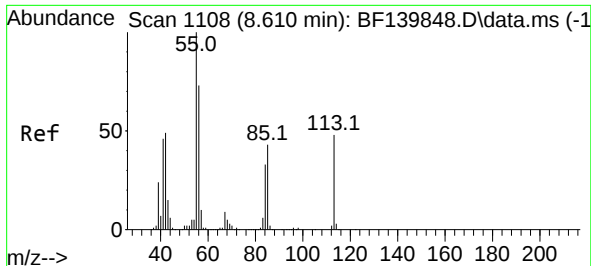
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#34
Hexachlorobutadiene
Concen: 48.558 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Tgt Ion:225	Resp:	240622
Ion Ratio	Lower	Upper
225	100	
223	63.5	50.6 76.0
227	63.5	51.8 77.8





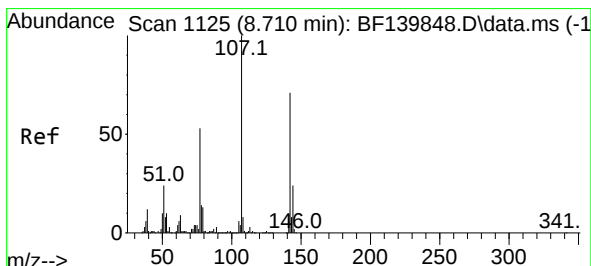
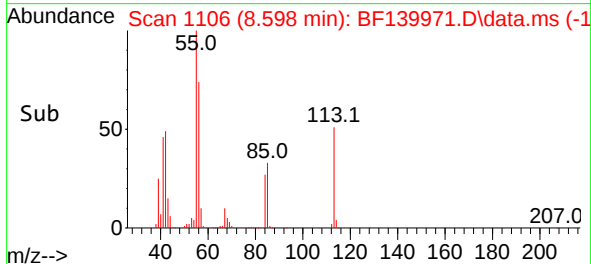
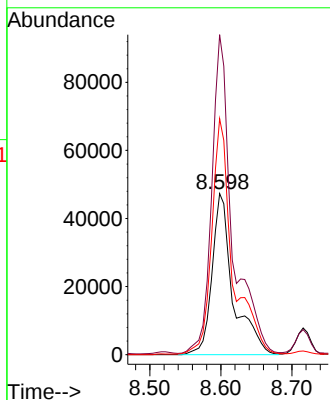
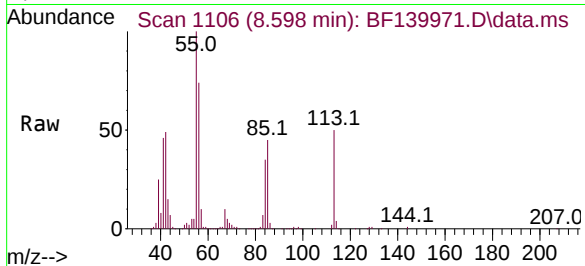
#35
 Caprolactam
 Concen: 43.068 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.012 min
 Lab File: BF139971.D
 Acq: 23 Oct 2024 18:28

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMSD

Tgt Ion:113 Resp: 9760
 Ion Ratio Lower Upper
 113 100
 55 198.5 189.2 229.2
 56 146.4 132.5 172.5

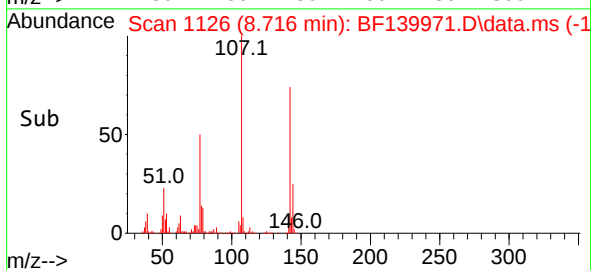
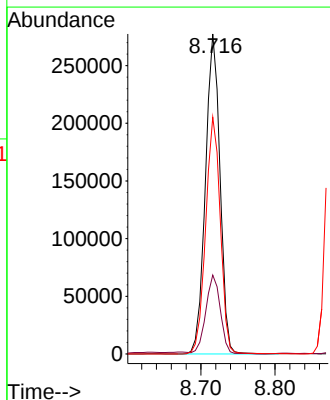
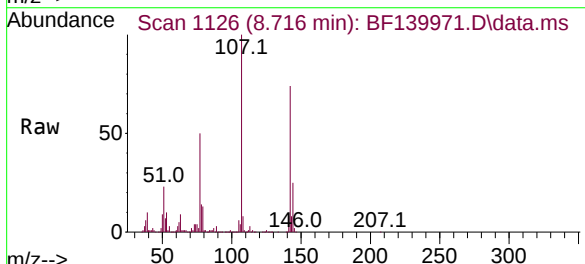
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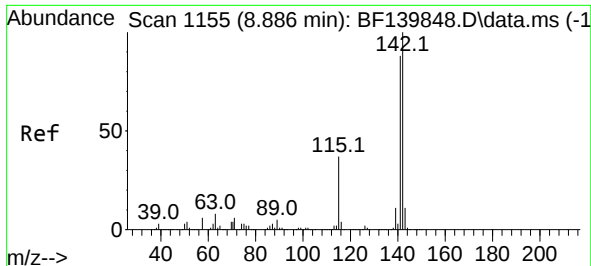
Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024



#36
 4-Chloro-3-methylphenol
 Concen: 48.136 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139971.D
 Acq: 23 Oct 2024 18:28

Tgt Ion:107 Resp: 379896
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.1 28.7
 142 74.0 57.2 85.8





#37

2-Methylnaphthalene

Concen: 53.743 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:142 Resp: 853619

Ion Ratio Lower Upper

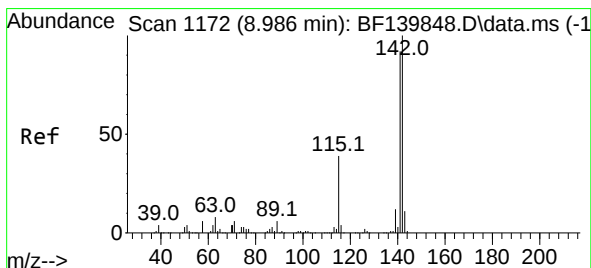
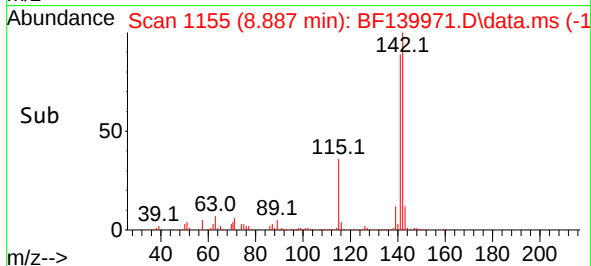
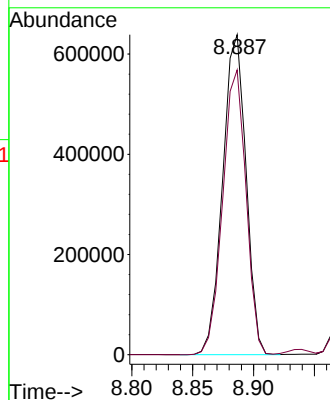
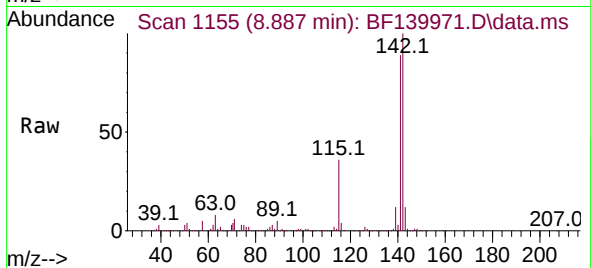
142 100

141 89.0 70.8 106.2

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Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#38

1-Methylnaphthalene

Concen: 51.160 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139971.D

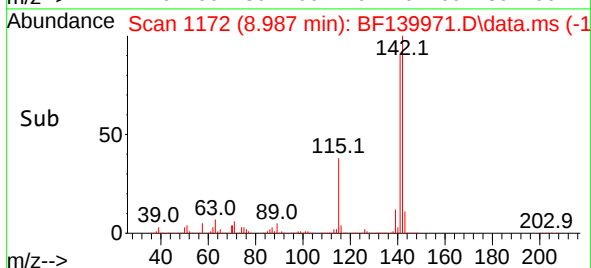
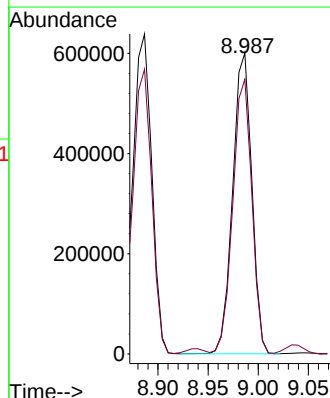
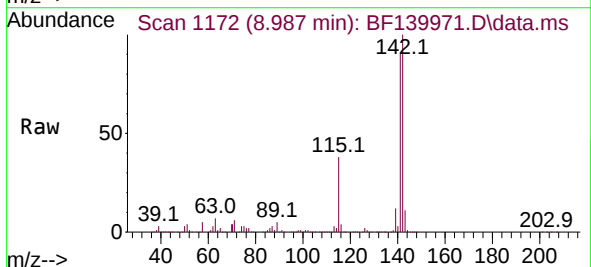
Acq: 23 Oct 2024 18:28

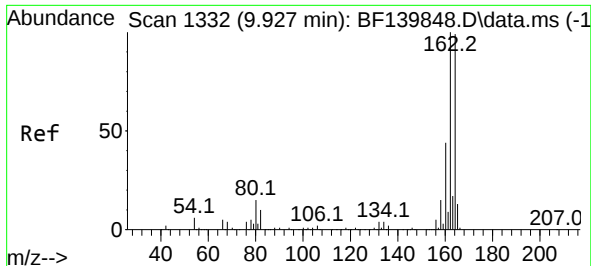
Tgt Ion:142 Resp: 797249

Ion Ratio Lower Upper

142 100

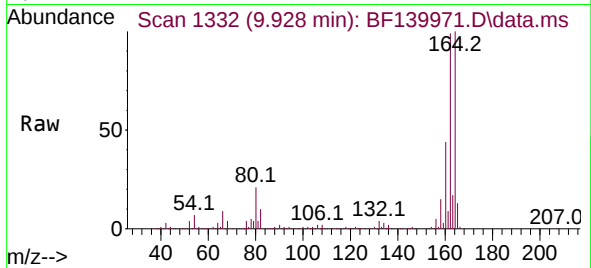
141 91.3 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

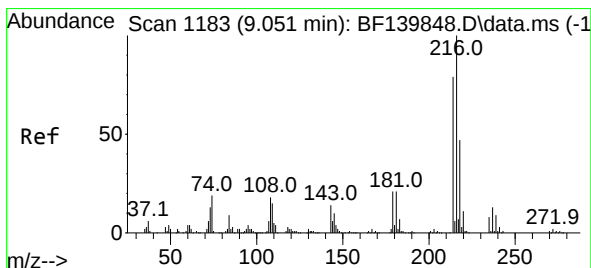
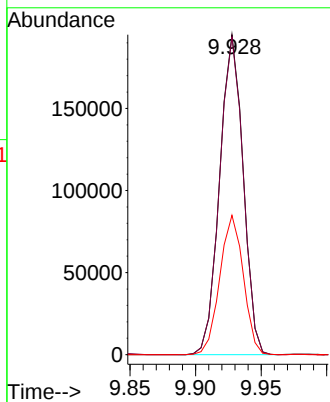
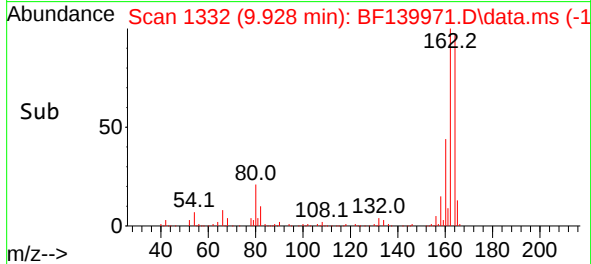
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:164 Resp: 24261
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 43.5 35.4 53.0

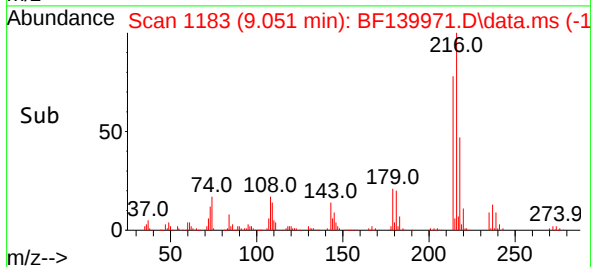
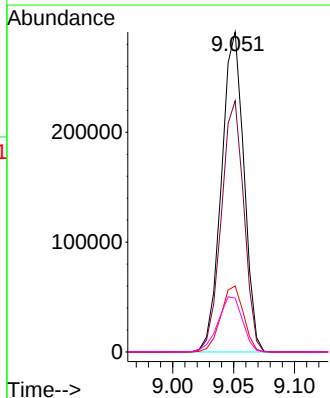
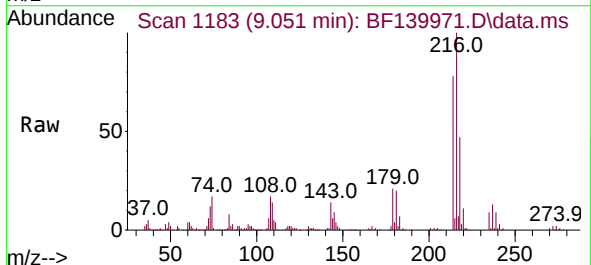
Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.097 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

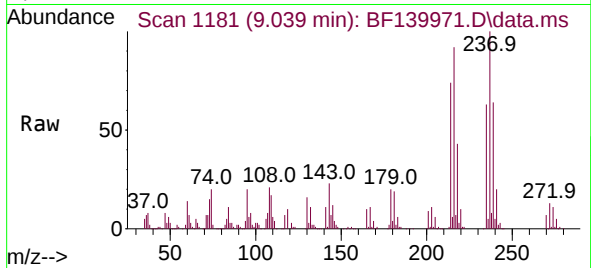
Tgt Ion:216 Resp: 373726
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 20.9 17.2 25.8
108 18.9 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 94.288 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

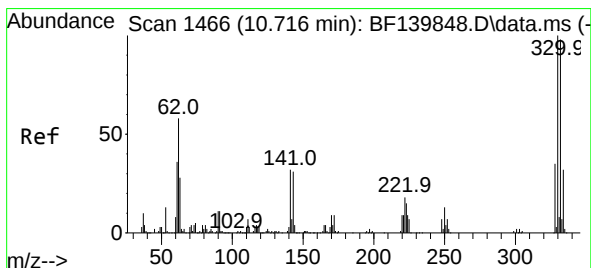
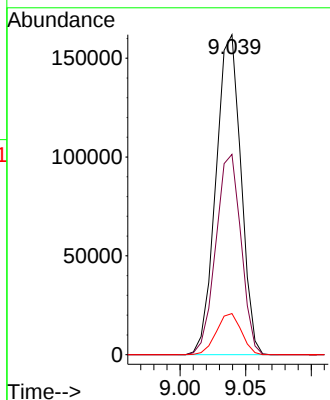
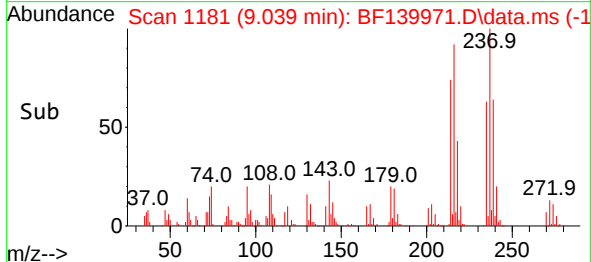
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



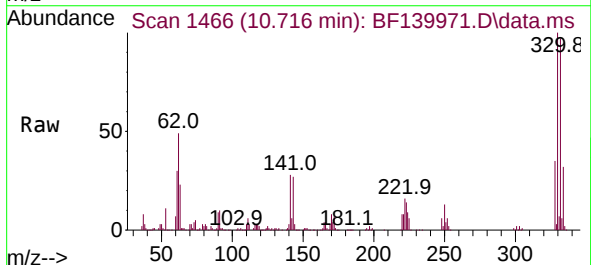
Tgt Ion: 237 Resp: 214740
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 12.9 0.0 32.3

Manual Integrations
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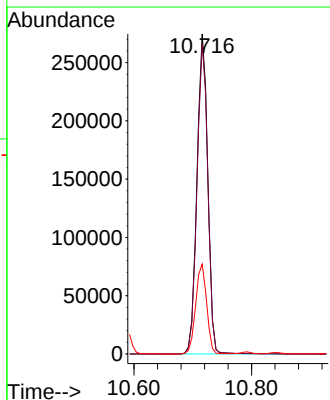
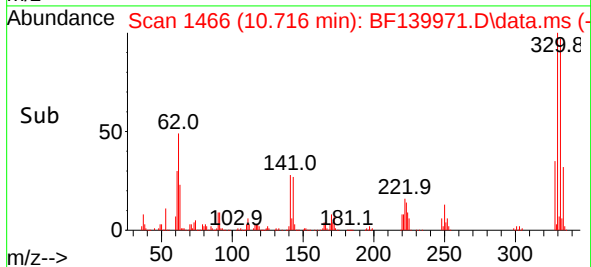
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#42
2,4,6-Tribromophenol
Concen: 154.393 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



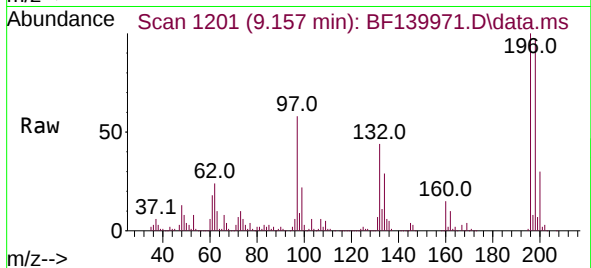
Tgt Ion: 330 Resp: 350375
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 28.6 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 57.367 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

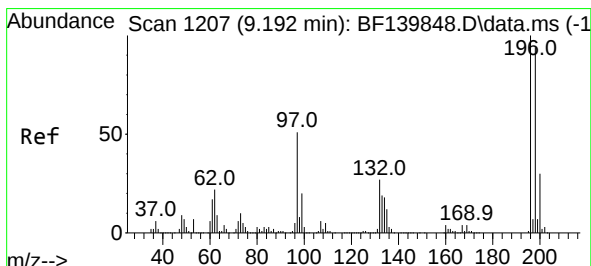
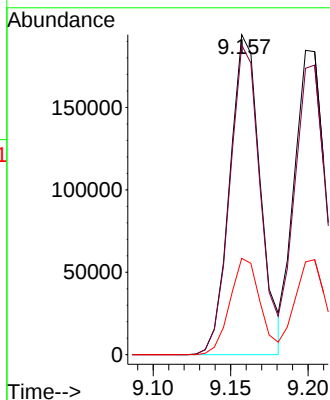
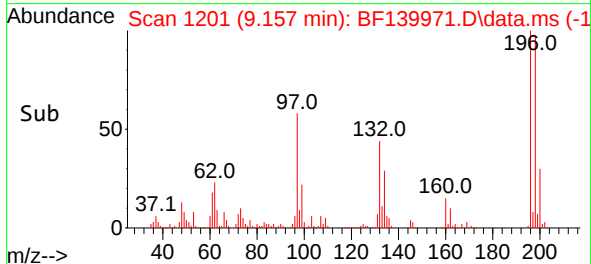
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



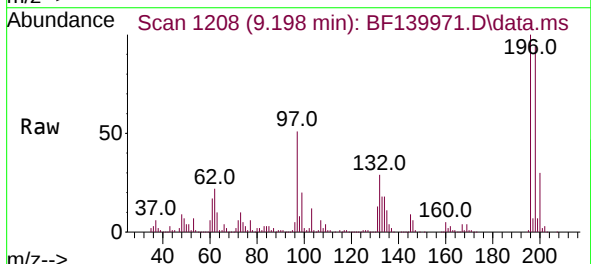
Tgt Ion:196 Resp: 265840
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.2
200 30.1 24.0 36.0

Manual Integrations
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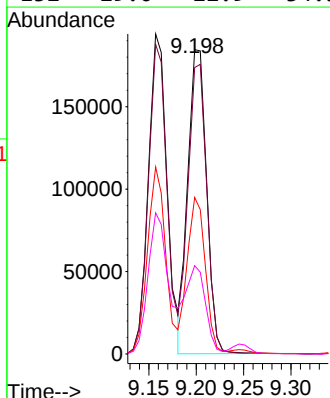
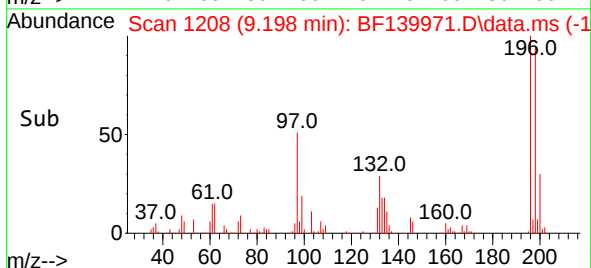
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

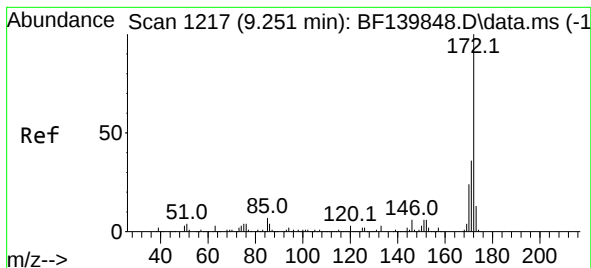


#44
2,4,5-Trichlorophenol
Concen: 53.572 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:196 Resp: 256132
Ion Ratio Lower Upper
196 100
198 94.1 75.8 113.6
97 51.4 41.8 62.6
132 29.0 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 112.404 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:172 Resp: 165009

Ion Ratio Lower Upper

172 100

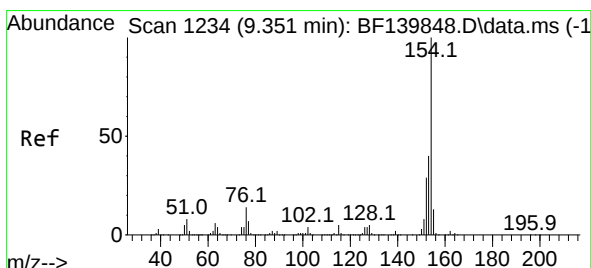
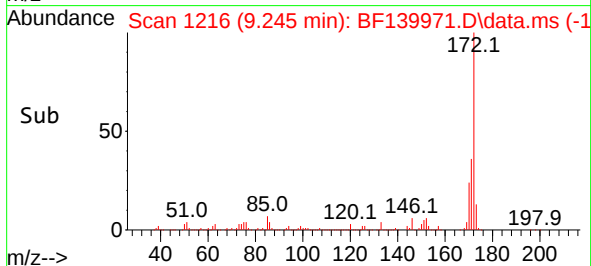
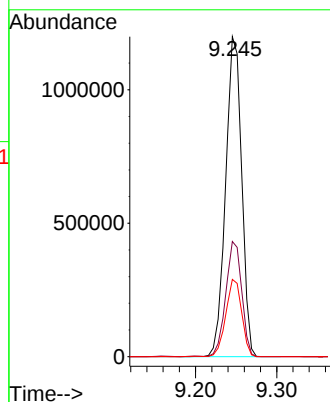
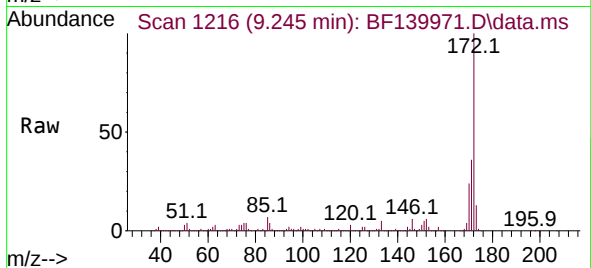
171 36.0 28.6 43.0

170 24.2 19.1 28.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#46

1,1'-Biphenyl

Concen: 55.872 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

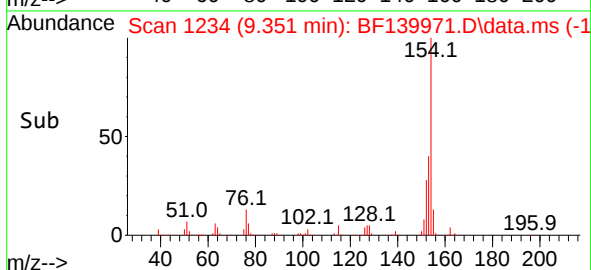
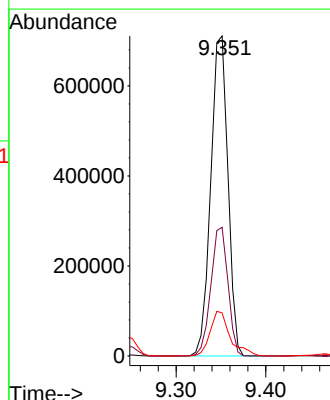
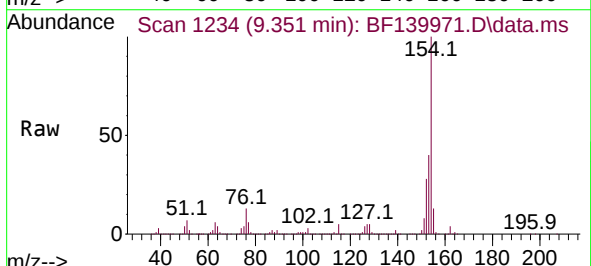
Tgt Ion:154 Resp: 943666

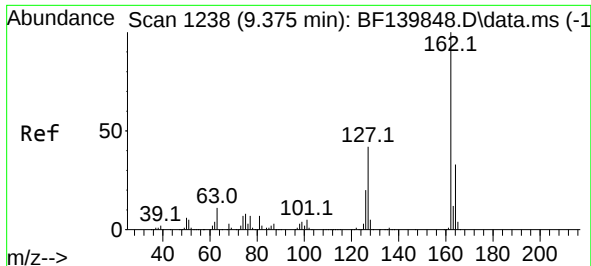
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

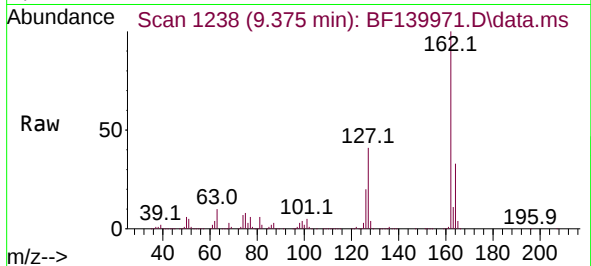
76 13.5 0.0 33.9





#47
2-Chloronaphthalene
Concen: 53.399 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

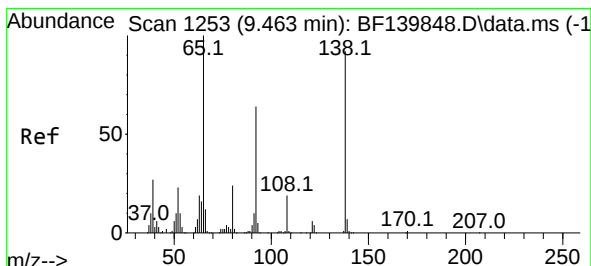
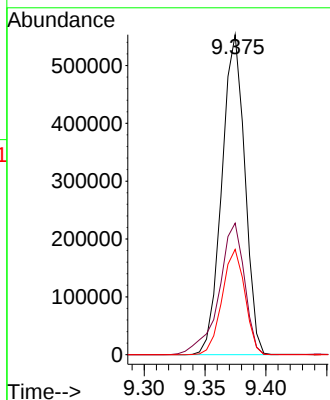
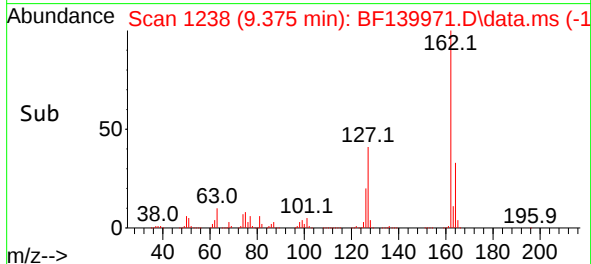
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:162 Resp: 726392
Ion Ratio Lower Upper
162 100
127 41.1 33.8 50.6
164 32.9 26.6 39.8

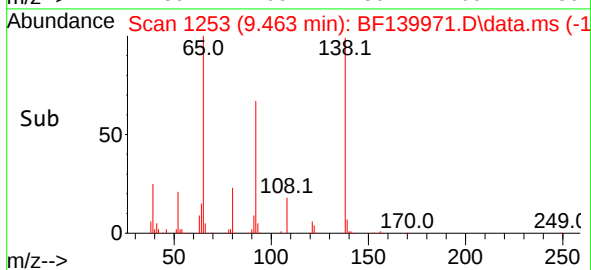
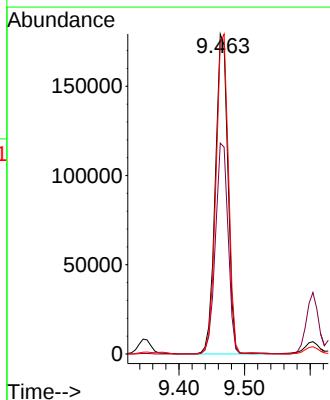
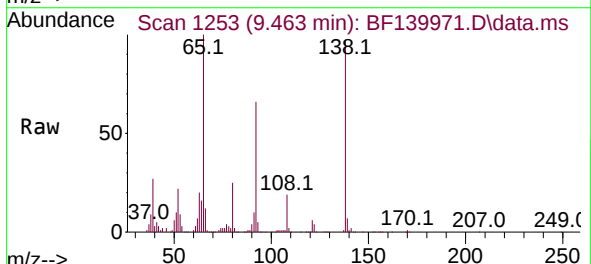
Manual Integrations
APPROVED

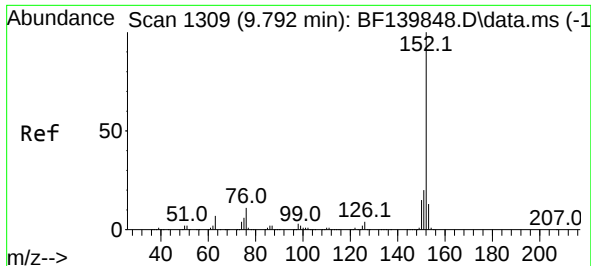
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#48
2-Nitroaniline
Concen: 57.391 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

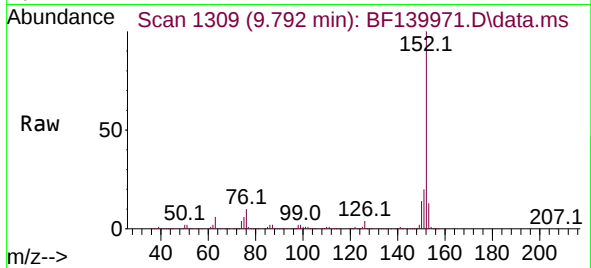
Tgt Ion: 65 Resp: 238771
Ion Ratio Lower Upper
65 100
92 65.9 50.9 76.3
138 97.2 73.4 110.0





#49
Acenaphthylene
Concen: 55.041 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

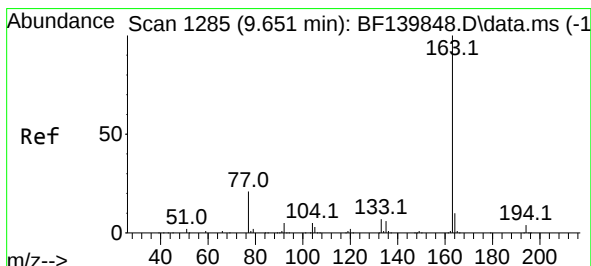
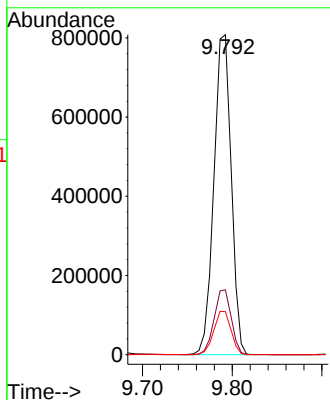
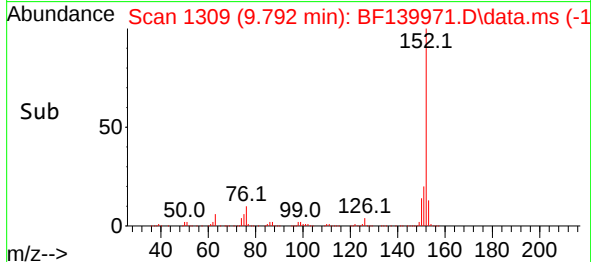
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



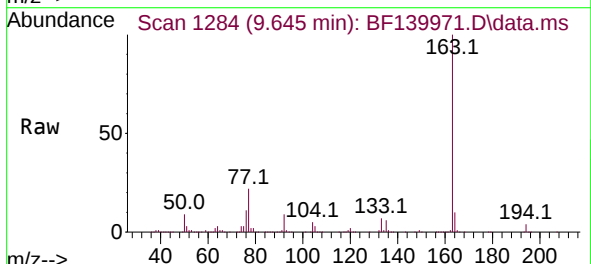
Tgt Ion:152 Resp: 108245
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.7 16.1

Manual Integrations
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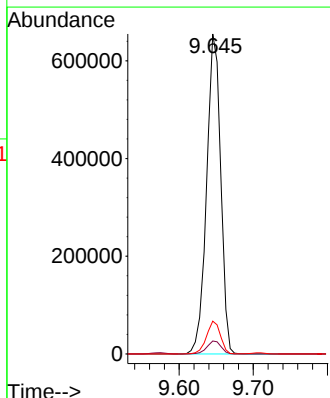
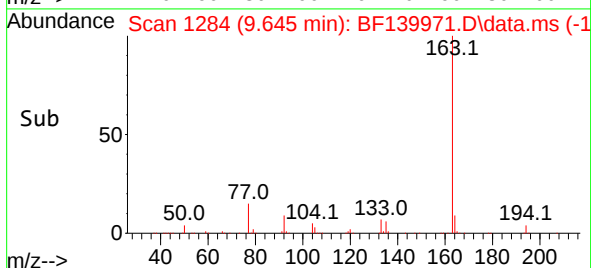
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

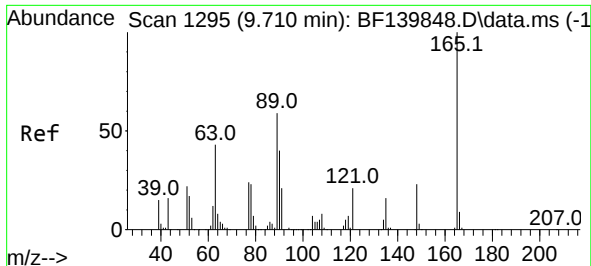


#50
Dimethylphthalate
Concen: 57.202 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



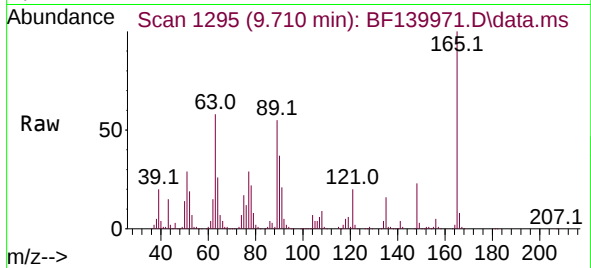
Tgt Ion:163 Resp: 864443
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 55.360 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

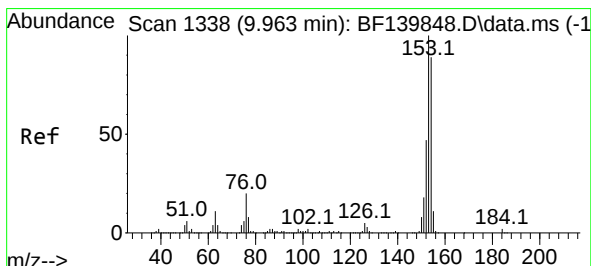
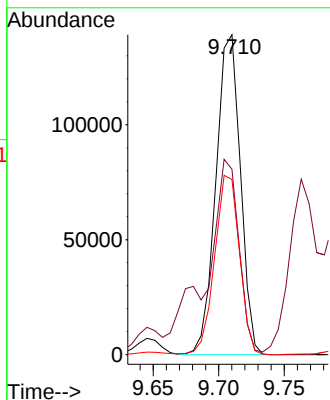
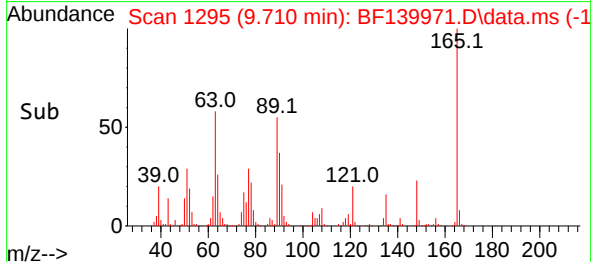
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



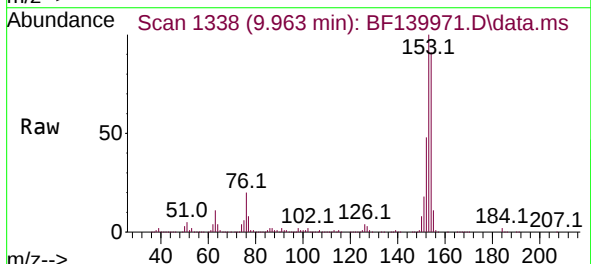
Tgt Ion:165 Resp: 18114
Ion Ratio Lower Upper
165 100
63 58.0 50.6 75.8
89 54.8 47.5 71.3

Manual Integrations
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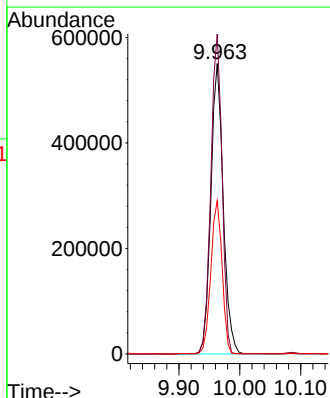
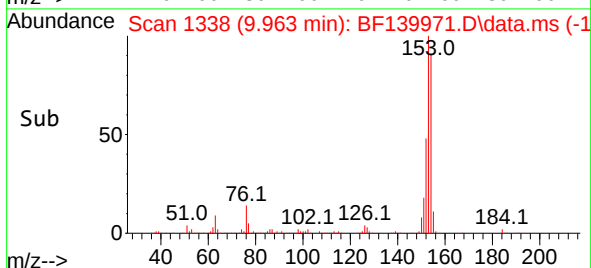
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

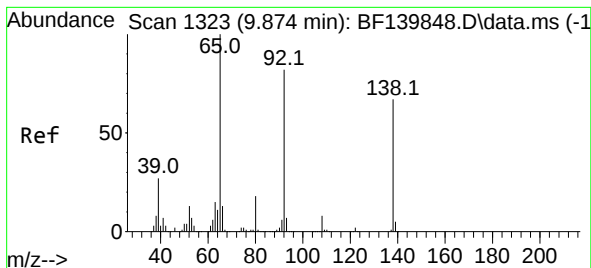


#52
Acenaphthene
Concen: 61.133 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:154 Resp: 777728
Ion Ratio Lower Upper
154 100
153 110.2 89.8 134.6
152 52.8 42.4 63.6





#53

3-Nitroaniline

Concen: 17.895 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

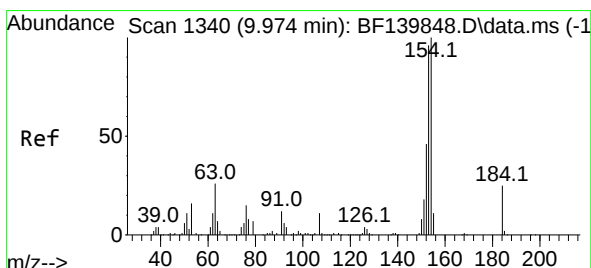
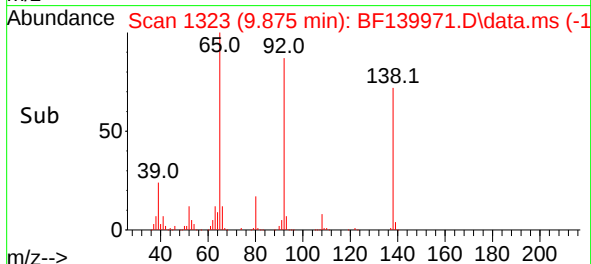
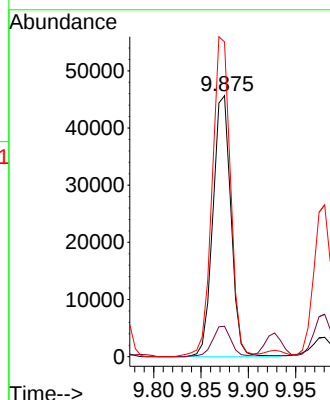
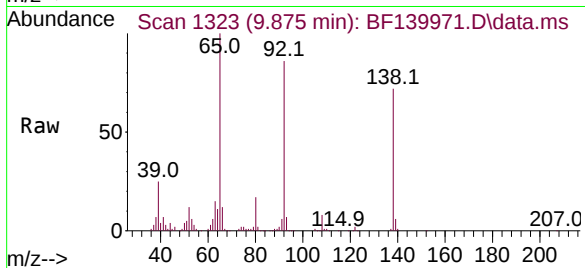
WB-301-BOTMSD

Tgt Ion:138 Resp: 60382
 Ion Ratio Lower Upper
 138 100
 108 11.7 10.2 15.2
 92 120.6 98.3 147.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024



#54

2,4-Dinitrophenol

Concen: 96.818 ng

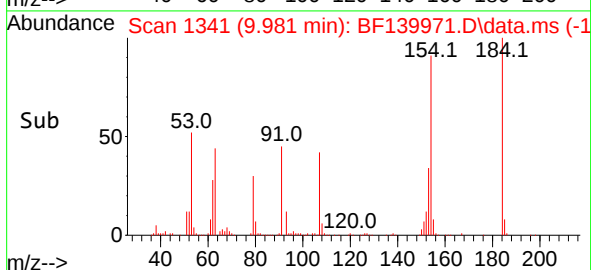
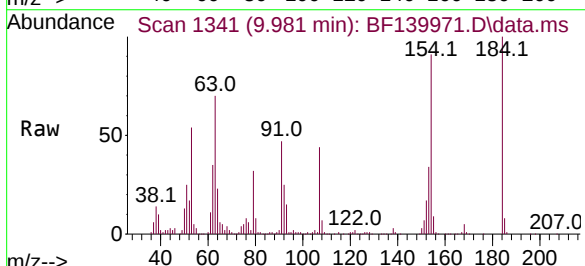
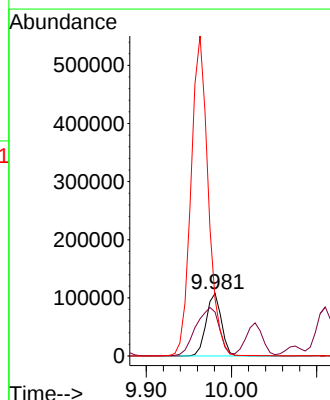
RT: 9.981 min Scan# 1341

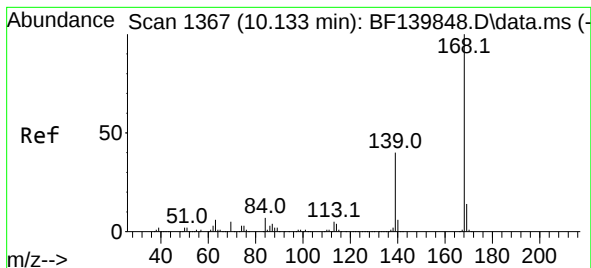
Delta R.T. 0.007 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

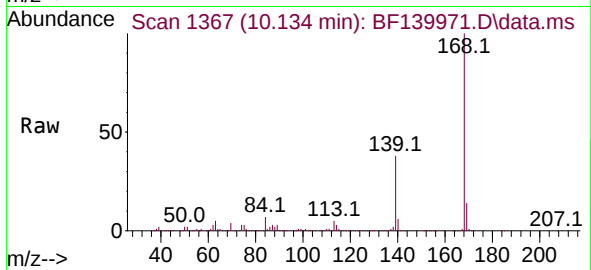
Tgt Ion:184 Resp: 133653
 Ion Ratio Lower Upper
 184 100
 63 70.3 84.7 127.1#
 154 90.9 338.2 507.2#





#55
Dibenzenofuran
Concen: 52.190 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

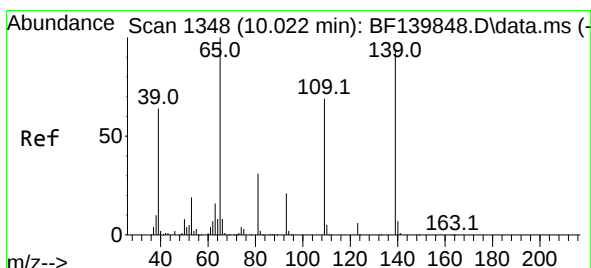
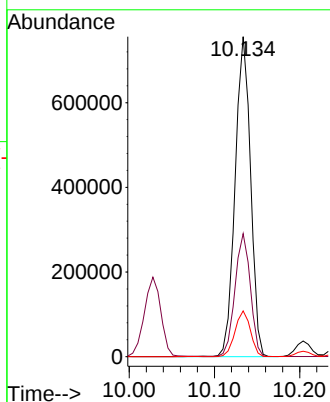
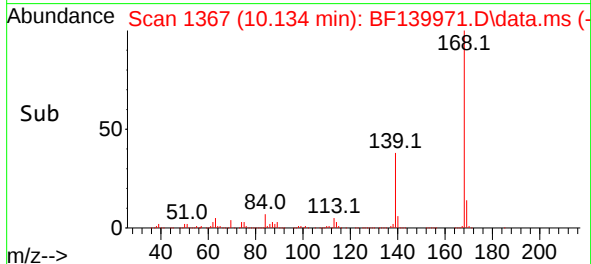
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



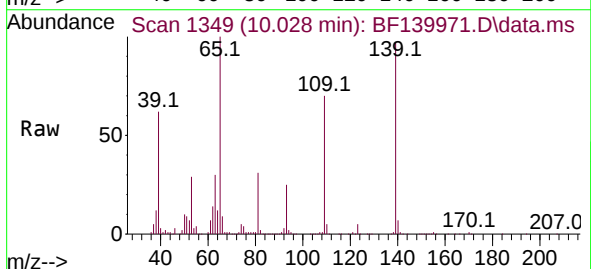
Tgt Ion:168 Resp: 952620
Ion Ratio Lower Upper
168 100
139 38.4 31.8 47.6
169 14.3 11.6 17.4

Manual Integrations
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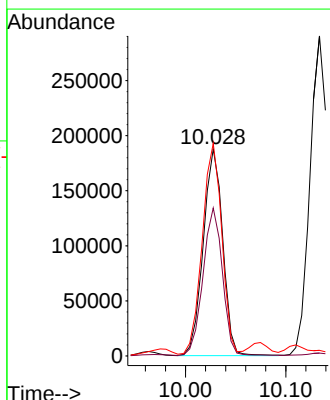
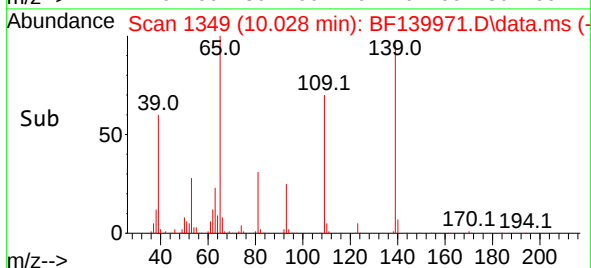
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

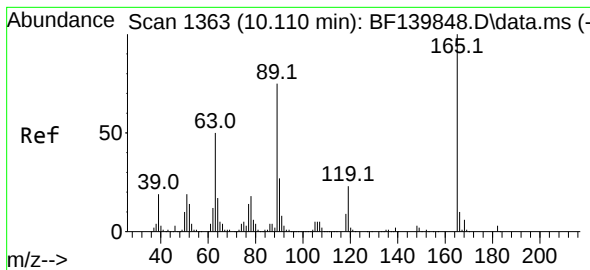


#56
4-Nitrophenol
Concen: 97.783 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



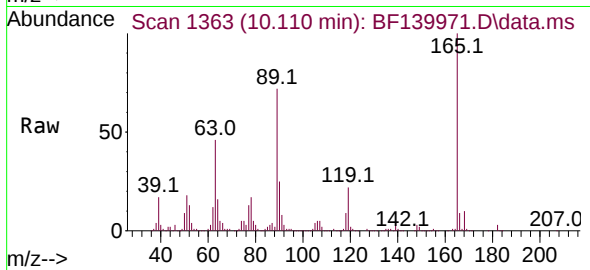
Tgt Ion:139 Resp: 253848
Ion Ratio Lower Upper
139 100
109 71.5 53.6 93.6
65 102.8 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 56.731 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

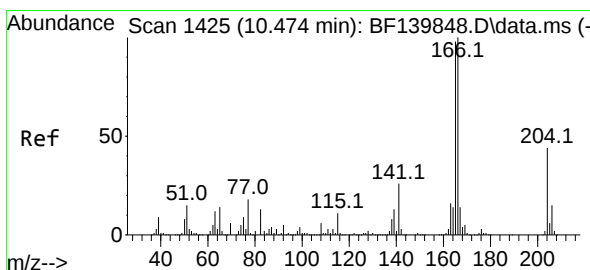
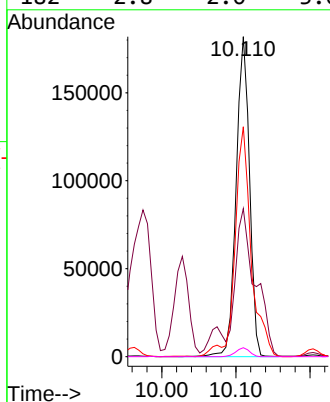
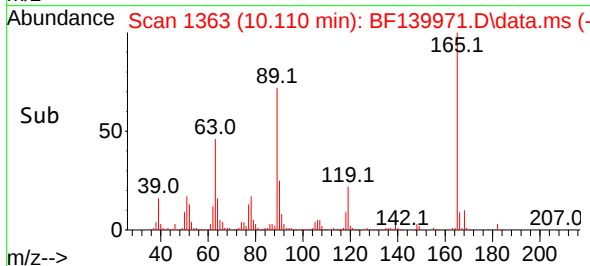
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



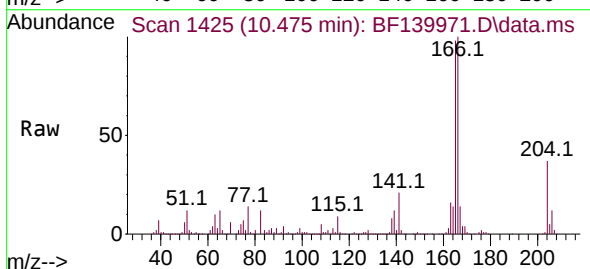
Tgt Ion:165 Resp: 228279
Ion Ratio Lower Upper
165 100
63 46.3 40.1 60.1
89 71.8 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations
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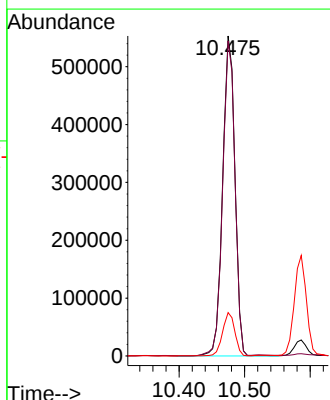
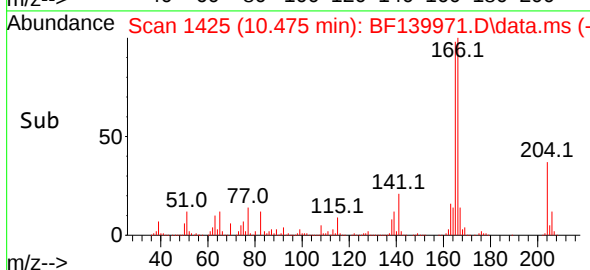
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#58
Fluorene
Concen: 51.527 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



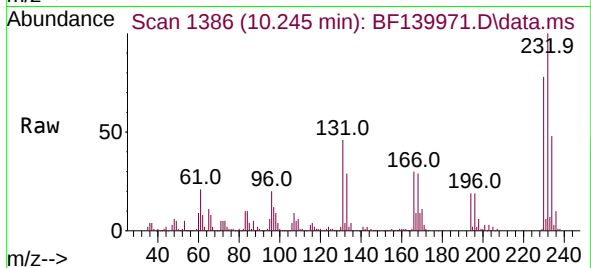
Tgt Ion:166 Resp: 716351
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.207 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

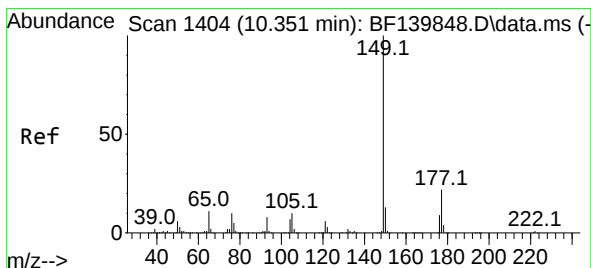
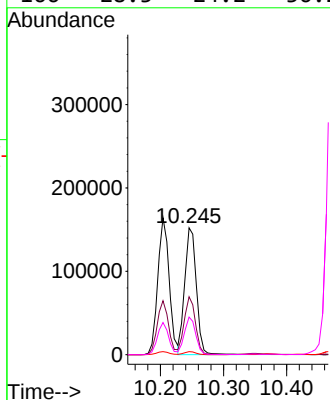
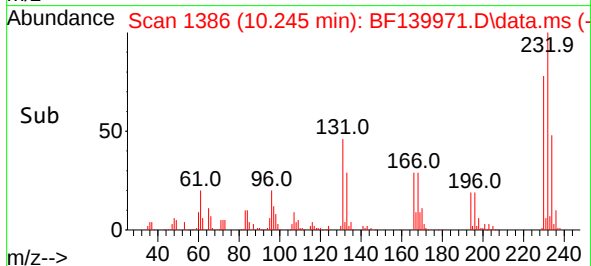
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:232 Resp: 195670
Ion Ratio Lower Upper
232 100
131 43.7 37.0 55.6
130 2.3 1.9 2.9
166 28.3 24.2 36.2

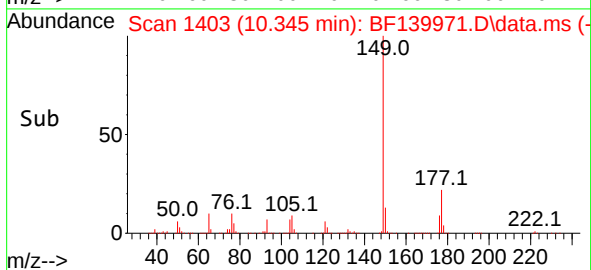
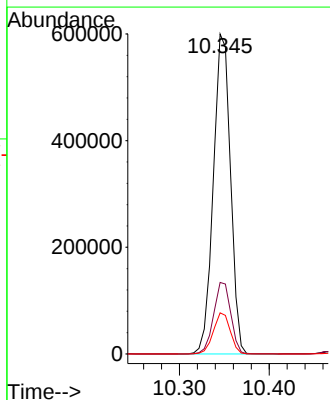
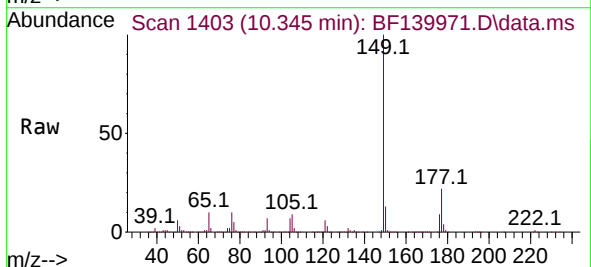
Manual Integrations
APPROVED

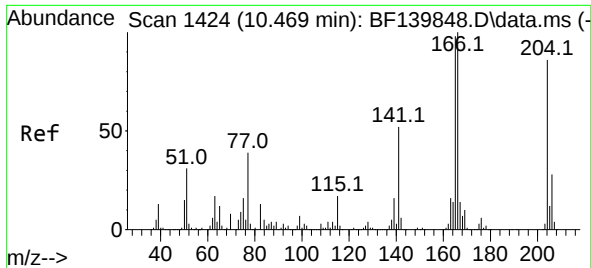
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#60
Diethylphthalate
Concen: 53.610 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

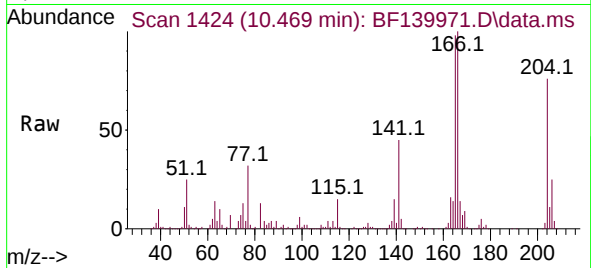
Tgt Ion:149 Resp: 795465
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.391 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

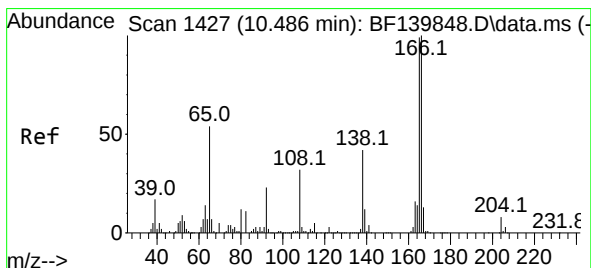
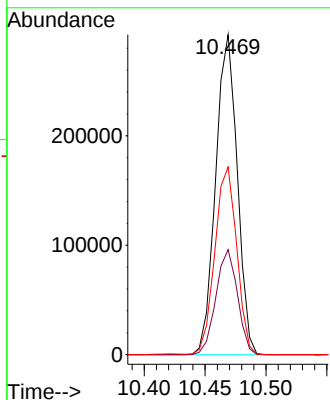
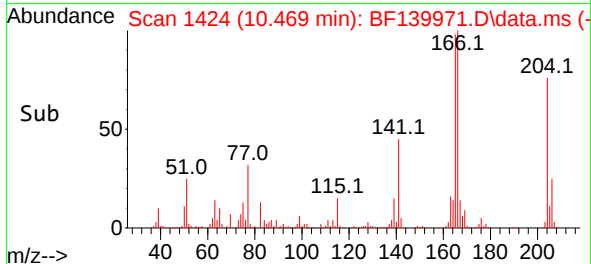
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



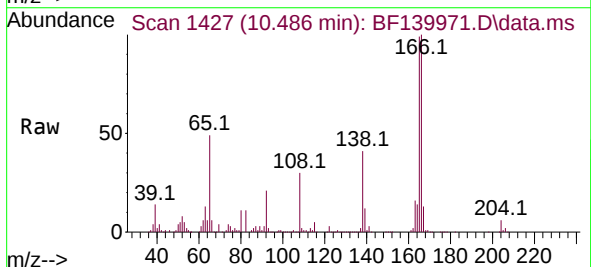
Tgt Ion:204 Resp: 36080
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 58.7 48.6 73.0

Manual Integrations
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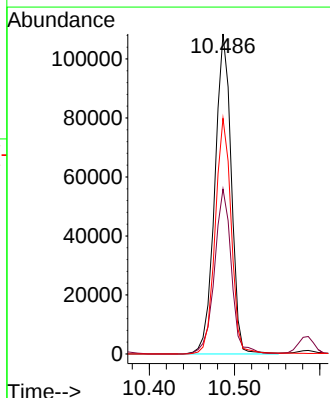
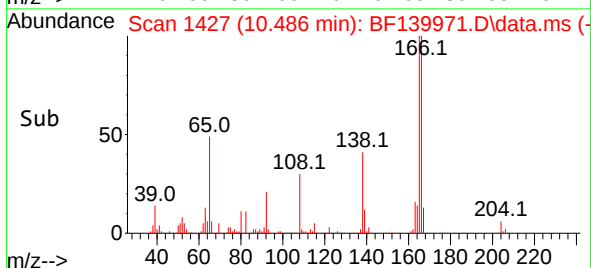
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

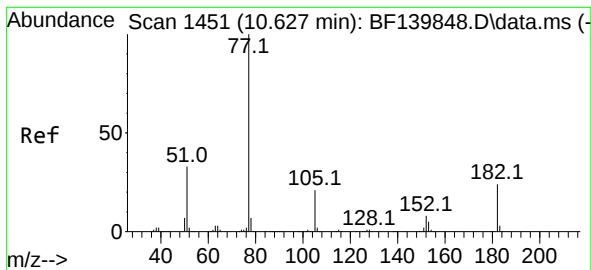


#62
4-Nitroaniline
Concen: 45.640 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



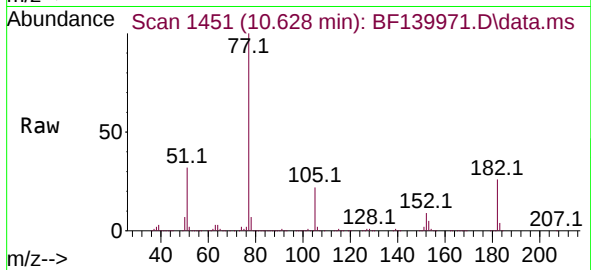
Tgt Ion:138 Resp: 145450
Ion Ratio Lower Upper
138 100
92 51.6 35.7 75.7
108 73.7 57.5 97.5





#63
Azobenzene
Concen: 47.276 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

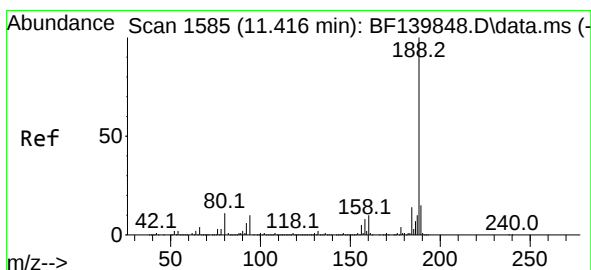
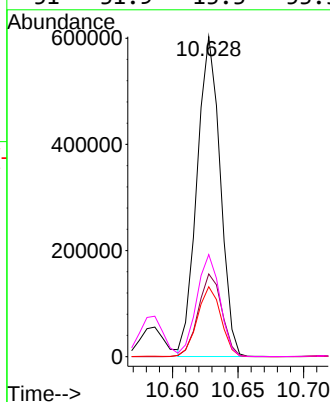
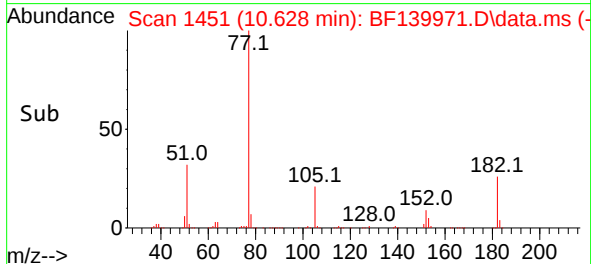
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



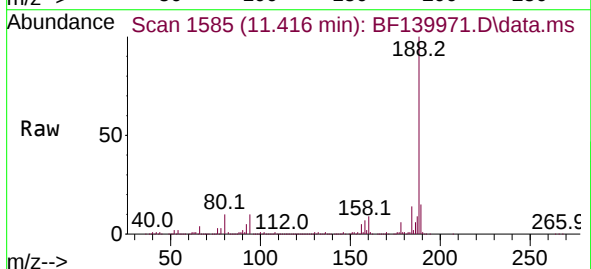
Tgt Ion: 77 Resp: 743674
Ion Ratio Lower Upper
77 100
182 25.9 3.3 43.3
105 21.9 1.2 41.2
51 31.9 13.3 53.3

Manual Integrations
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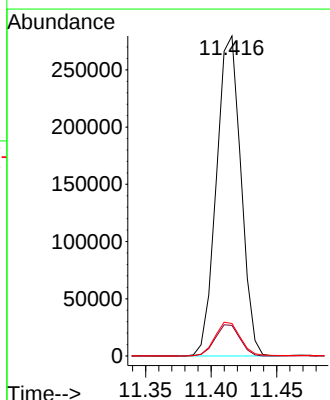
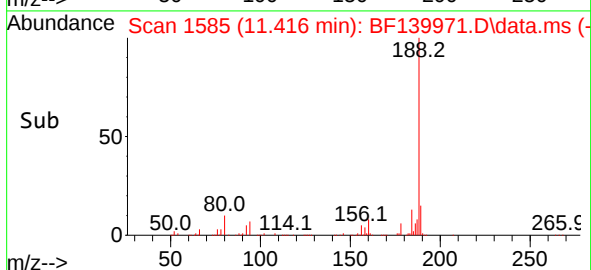
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

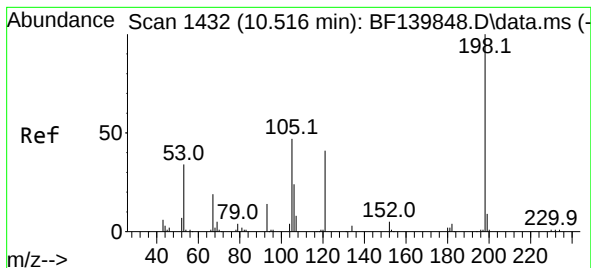


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:188 Resp: 363131
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.2 9.0 13.4





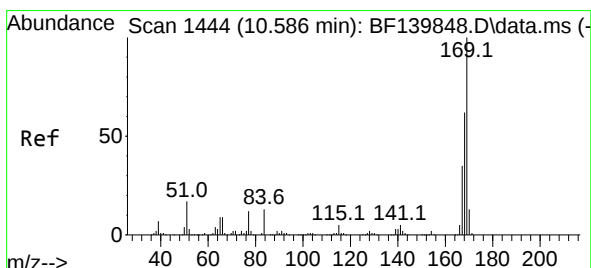
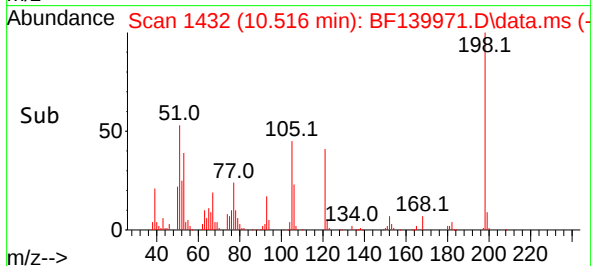
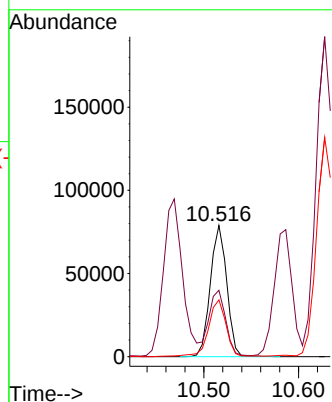
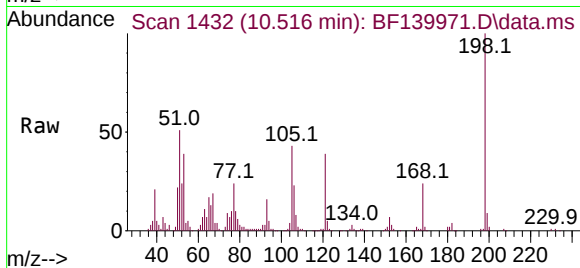
#65
4,6-Dinitro-2-methylphenol
Concen: 64.129 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion:198 Resp: 9498
Ion Ratio Lower Upper
198 100
51 50.7 38.2 78.2
105 43.2 27.9 67.9

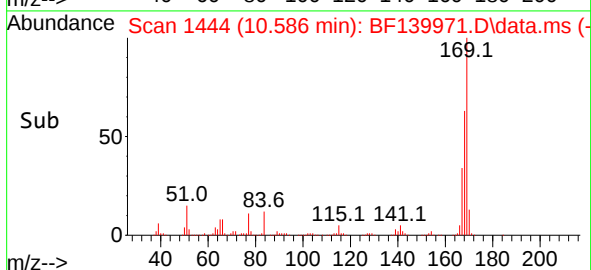
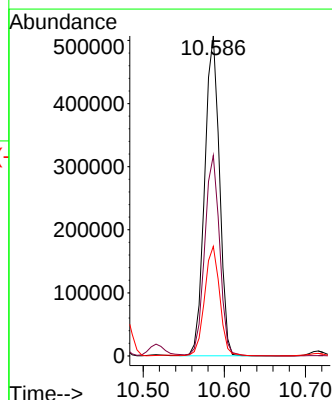
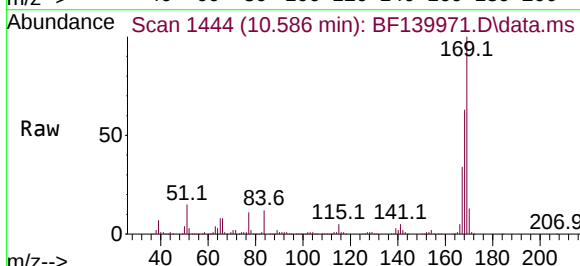
Manual Integrations
APPROVED

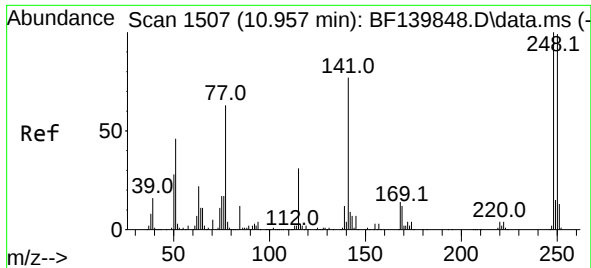
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#66
n-Nitrosodiphenylamine
Concen: 58.890 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

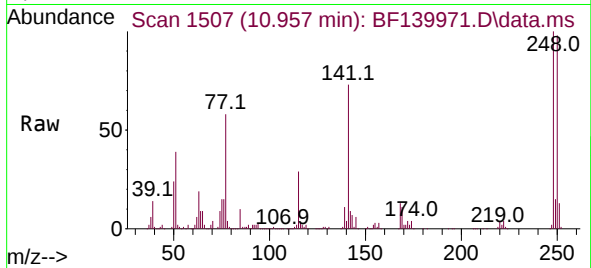
Tgt Ion:169 Resp: 640036
Ion Ratio Lower Upper
169 100
168 62.6 49.8 74.6
167 34.3 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 58.477 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

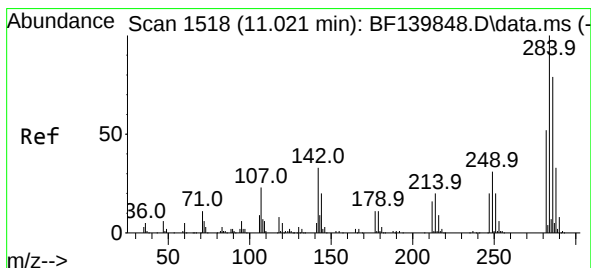
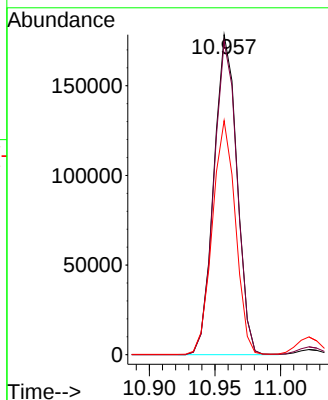
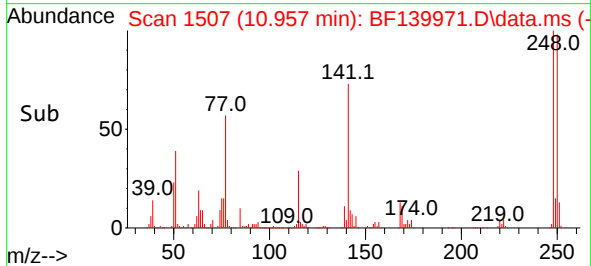
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



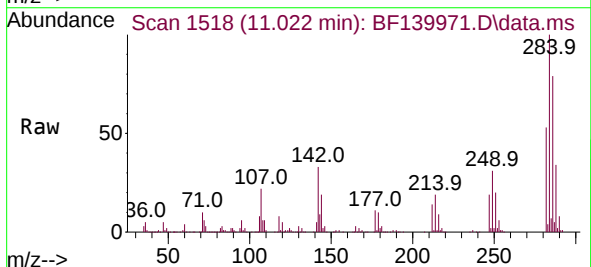
Tgt Ion:248 Resp: 21875
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.6
141 73.1 61.7 92.5

Manual Integrations
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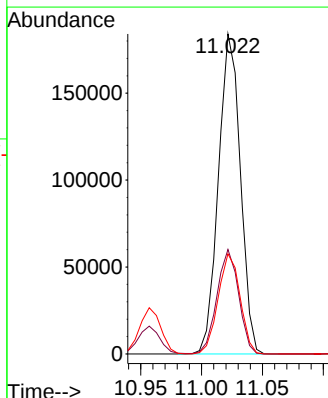
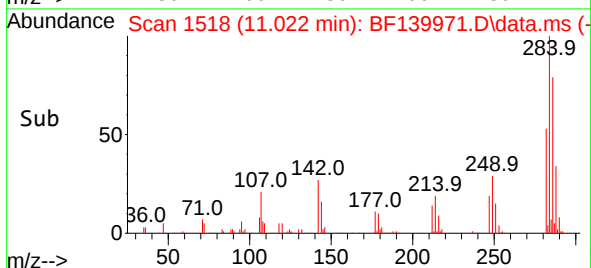
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

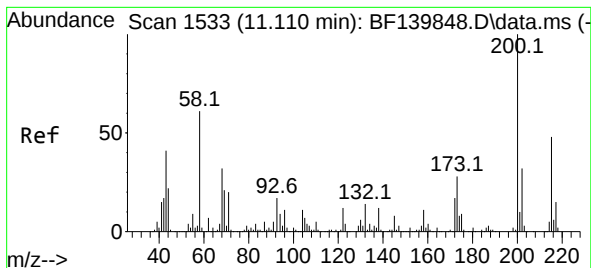


#68
Hexachlorobenzene
Concen: 54.868 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:284 Resp: 230847
Ion Ratio Lower Upper
284 100
142 32.6 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 55.813 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:200 Resp: 164318

Ion Ratio Lower Upper

200 100

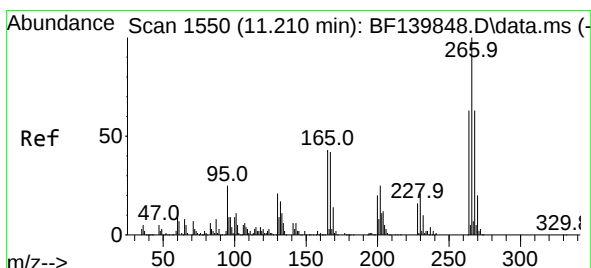
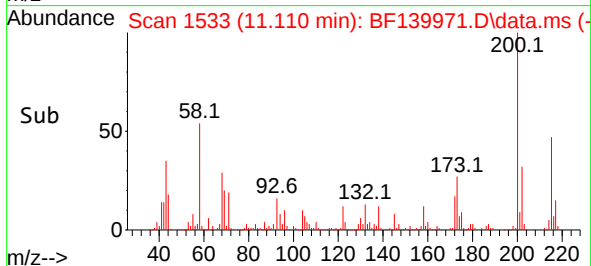
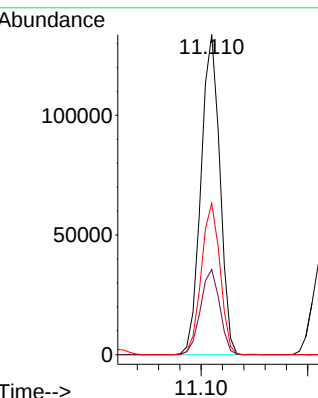
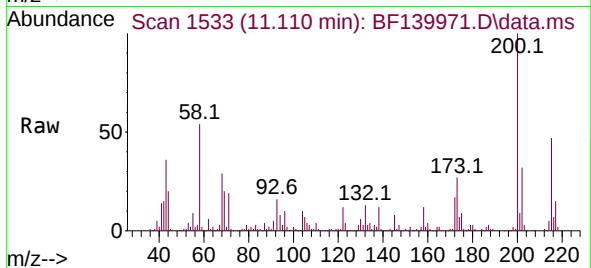
173 26.6 7.7 47.7

215 47.3 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#70

Pentachlorophenol

Concen: 113.234 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

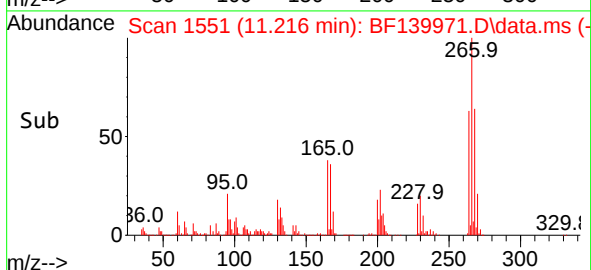
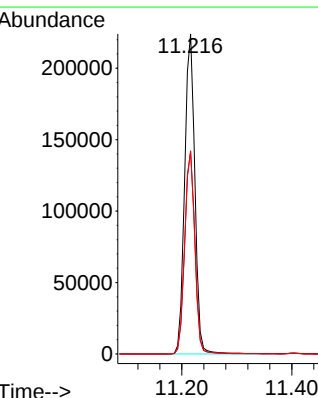
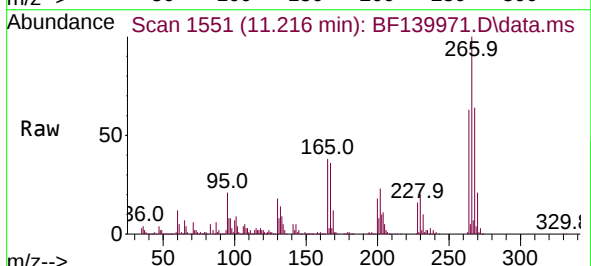
Tgt Ion:266 Resp: 289137

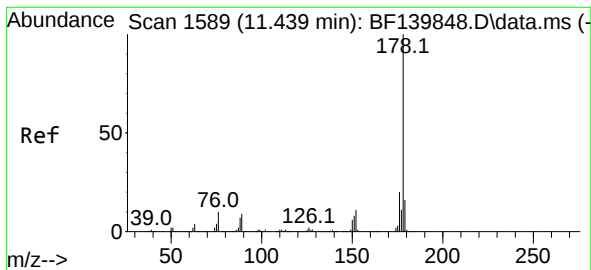
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 63.3 50.6 75.8





#71

Phenanthrene

Concen: 58.683 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:178 Resp: 1006570

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

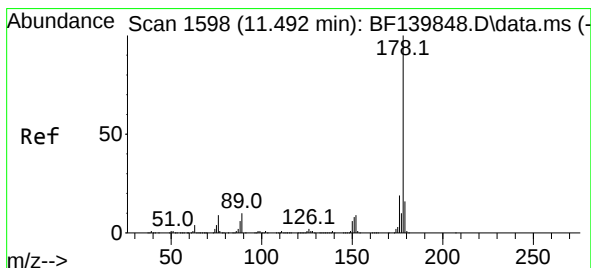
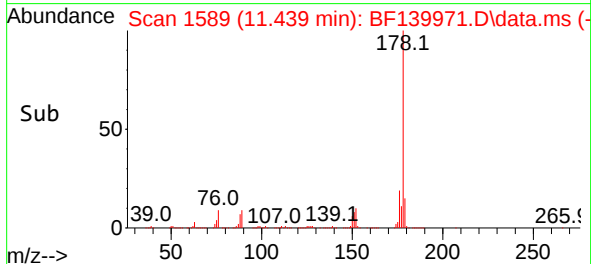
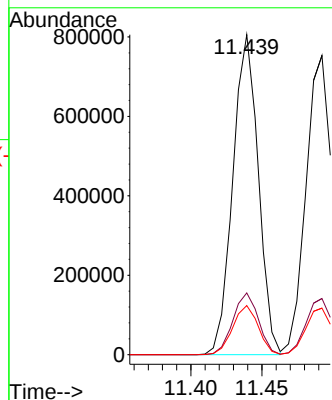
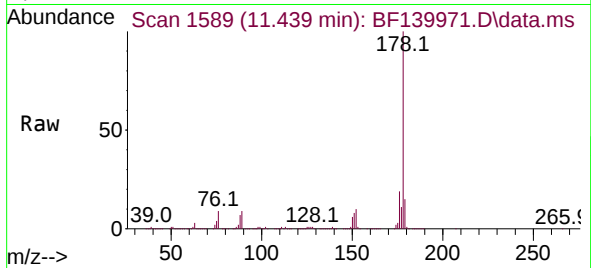
179 15.4 12.6 18.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#72

Anthracene

Concen: 57.759 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

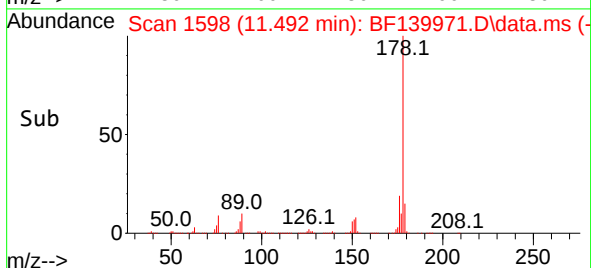
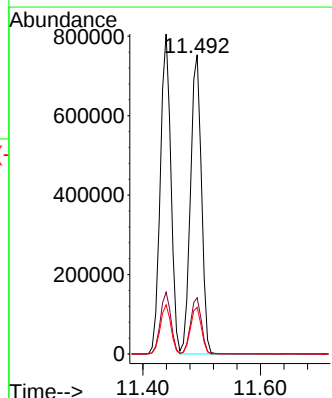
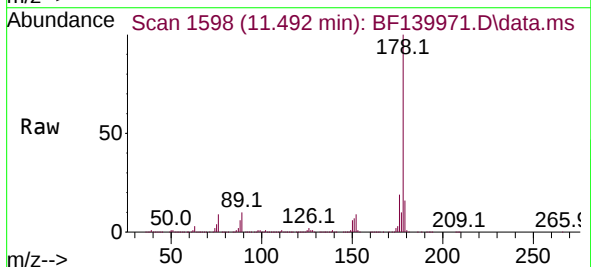
Tgt Ion:178 Resp: 966636

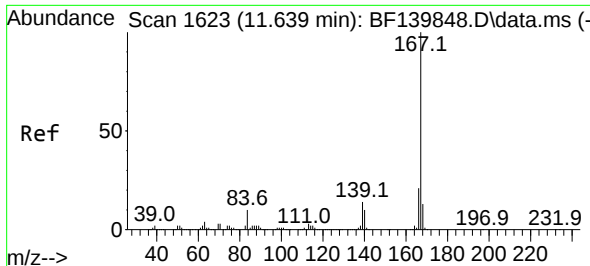
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

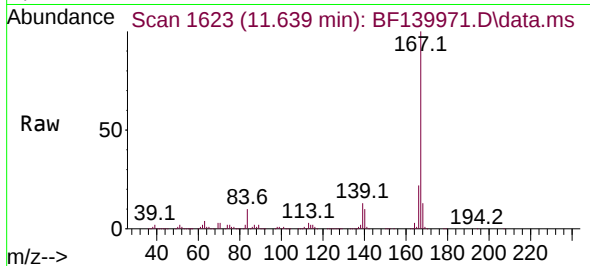
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 53.597 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139971.D
 Acq: 23 Oct 2024 18:28

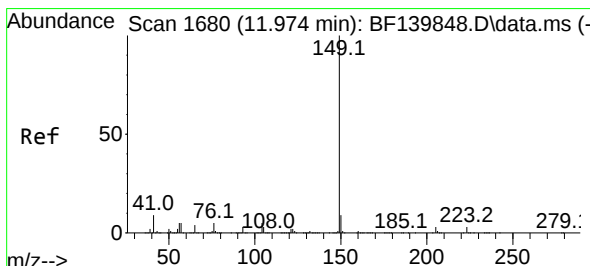
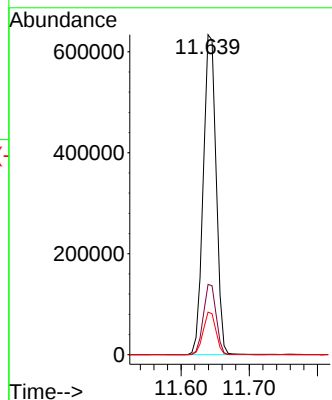
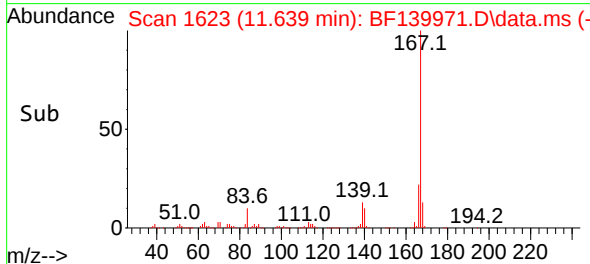
Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMSD



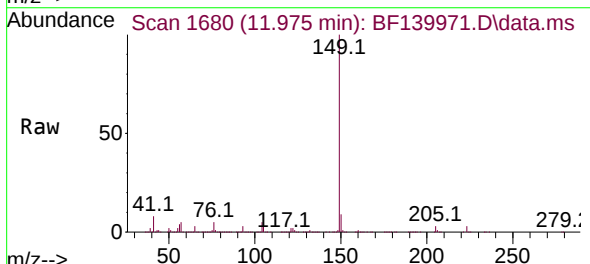
Tgt Ion:167 Resp: 834210
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.3 10.8 16.2

Manual Integrations
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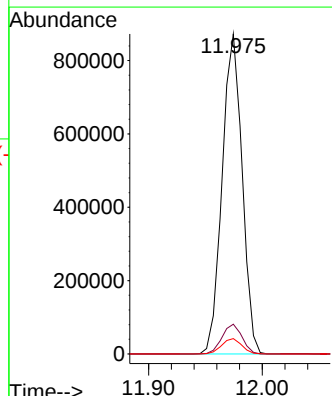
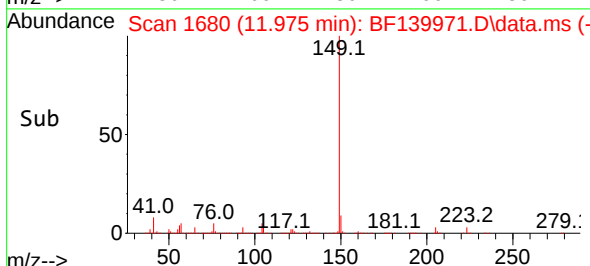
Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

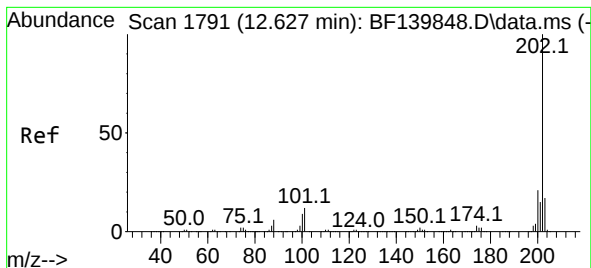


#74
 Di-n-butylphthalate
 Concen: 59.315 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139971.D
 Acq: 23 Oct 2024 18:28



Tgt Ion:149 Resp: 1066617
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 59.032 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:202 Resp: 102361

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.9

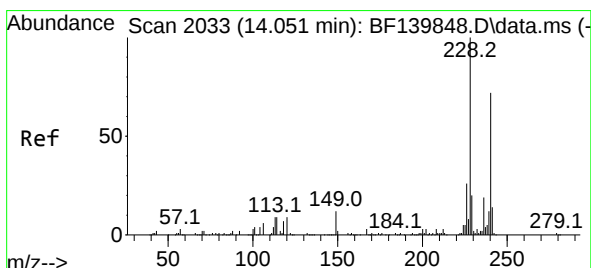
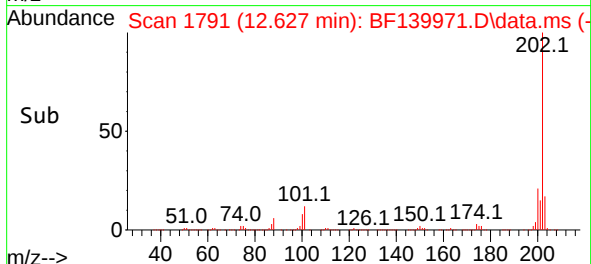
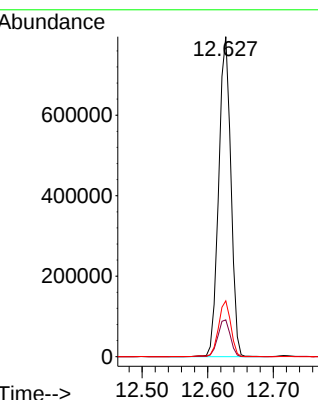
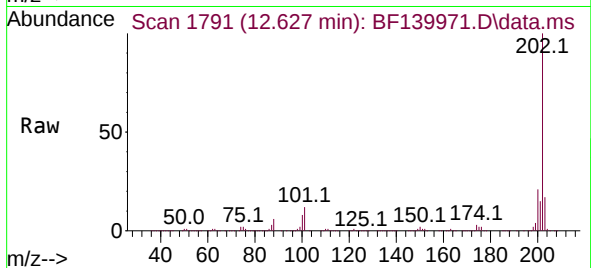
203 17.4 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

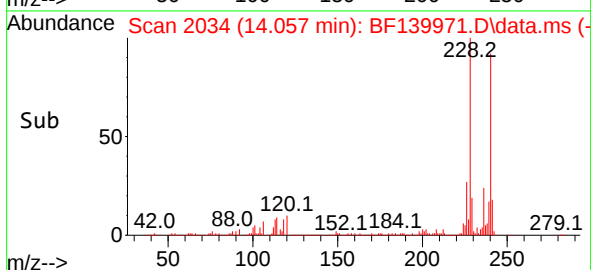
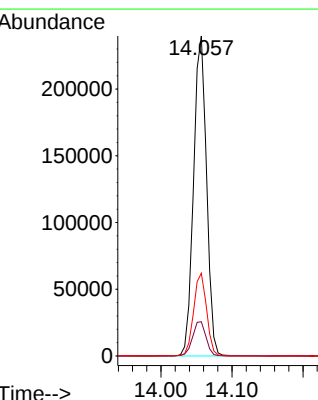
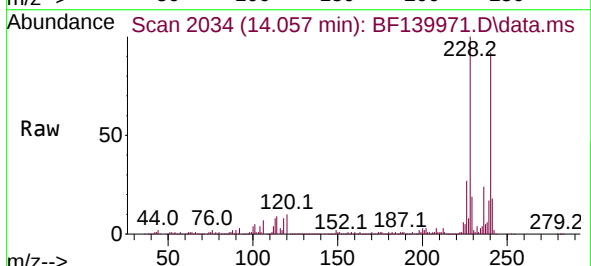
Tgt Ion:240 Resp: 305569

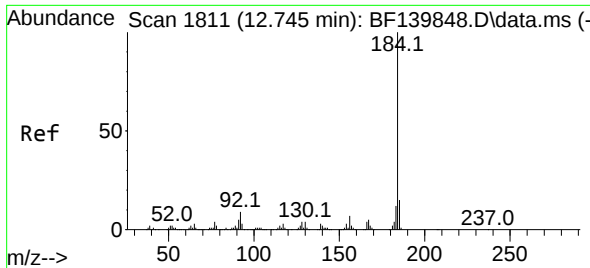
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

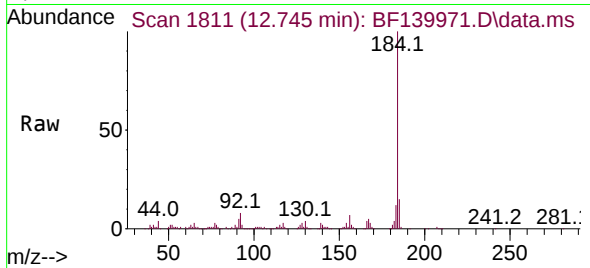
236 25.9 20.9 31.3





#77
Benzidine
Concen: 30.665 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

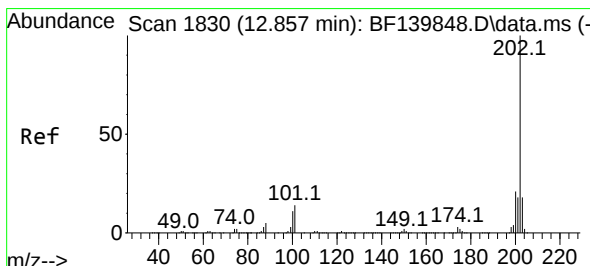
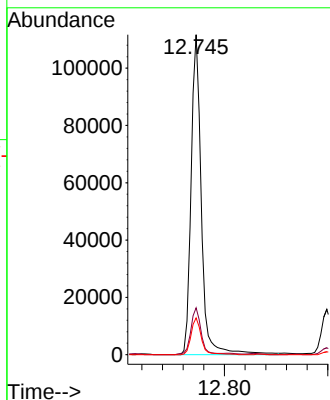
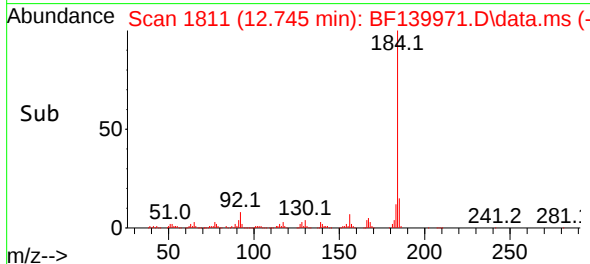
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



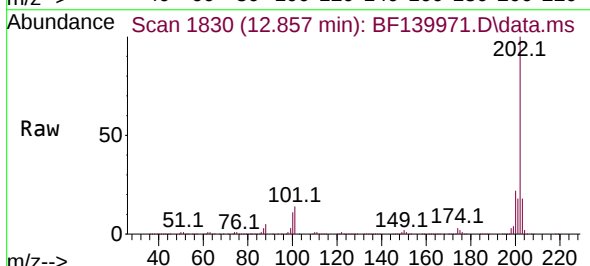
Tgt Ion:184 Resp: 15407
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 11.5 9.4 14.2

Manual Integrations
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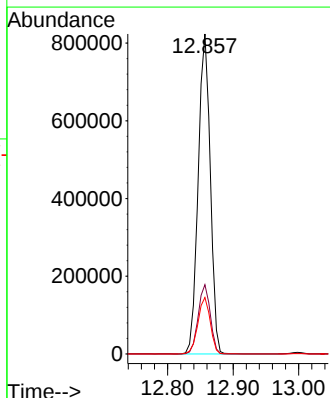
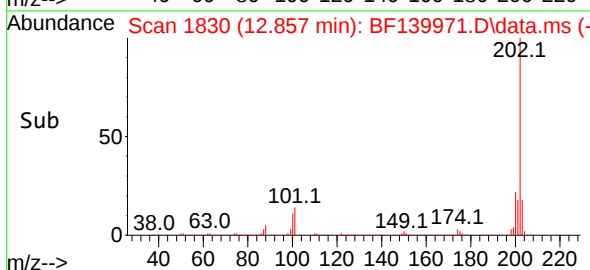
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

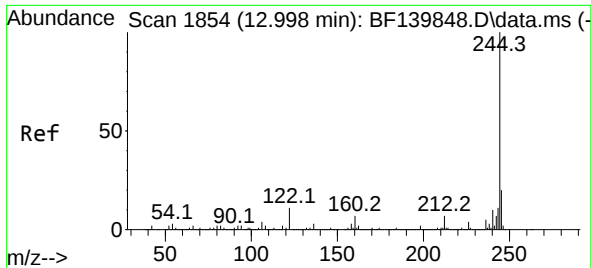


#78
Pyrene
Concen: 39.566 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:202 Resp: 1058288
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.7 14.2 21.4





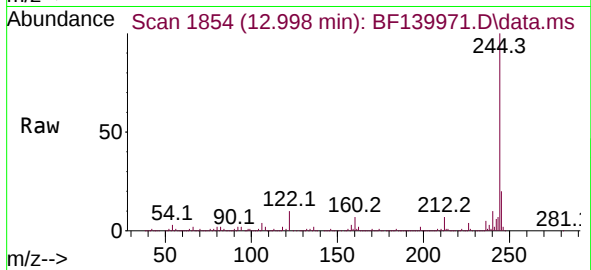
#79
 Terphenyl-d14
 Concen: 84.910 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139971.D
 Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

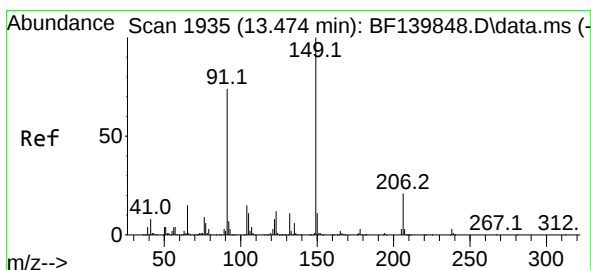
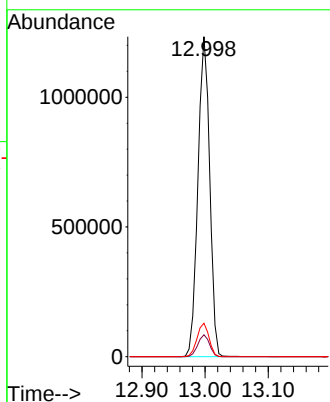
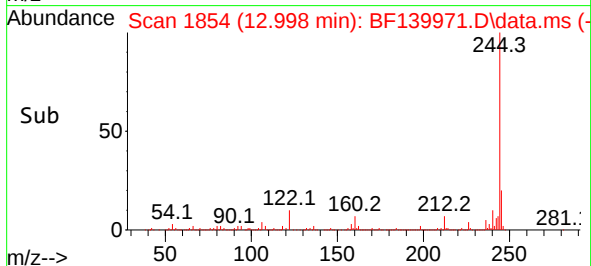


Tgt Ion:244 Resp: 1592275
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.4 8.6 13.0

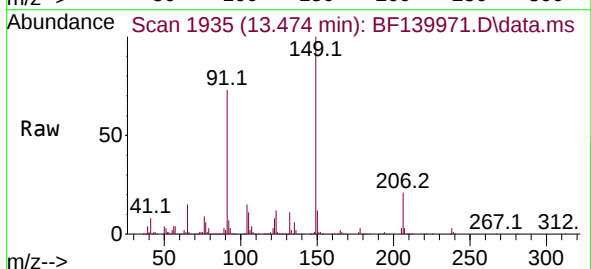
Manual Integrations

APPROVED

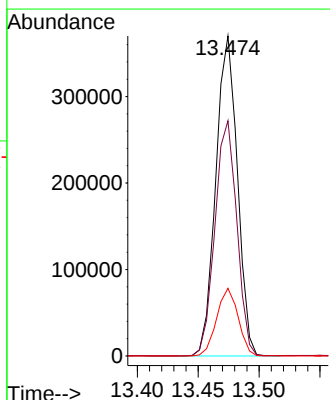
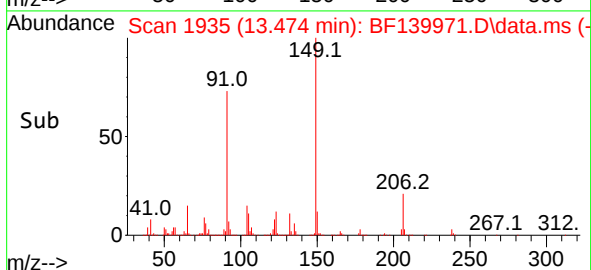
Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

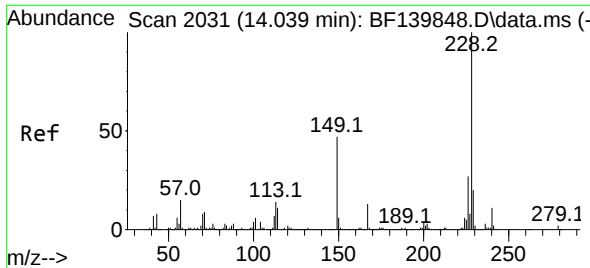


#80
 Butylbenzylphthalate
 Concen: 57.029 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139971.D
 Acq: 23 Oct 2024 18:28



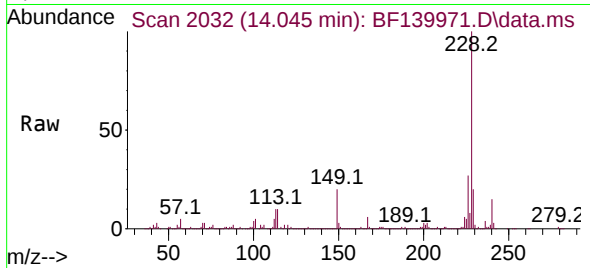
Tgt Ion:149 Resp: 457311
 Ion Ratio Lower Upper
 149 100
 91 73.5 59.4 89.2
 206 21.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 54.083 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

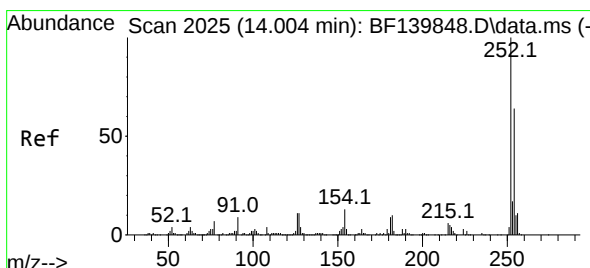
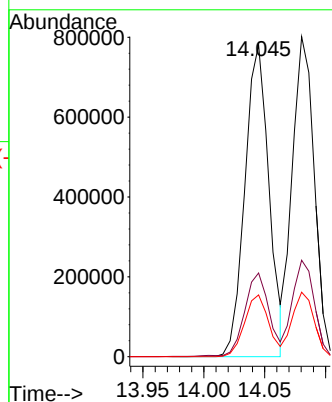
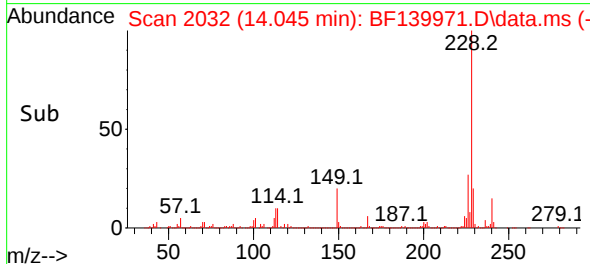
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



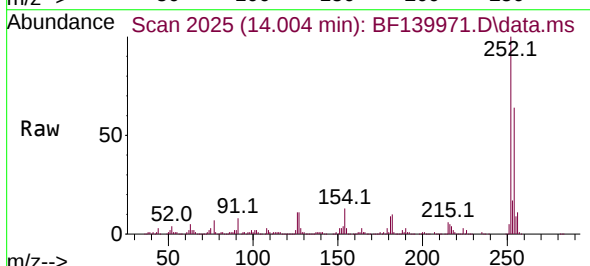
Tgt Ion:228 Resp: 107578
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.8 16.1 24.1

Manual Integrations
APPROVED

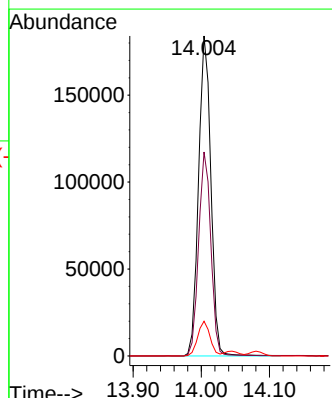
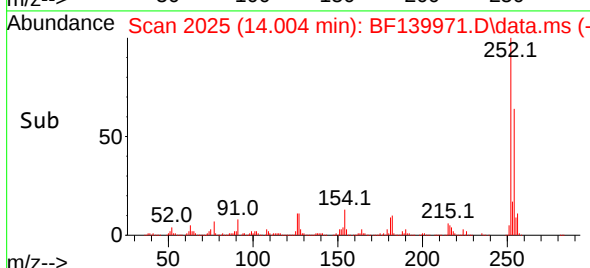
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

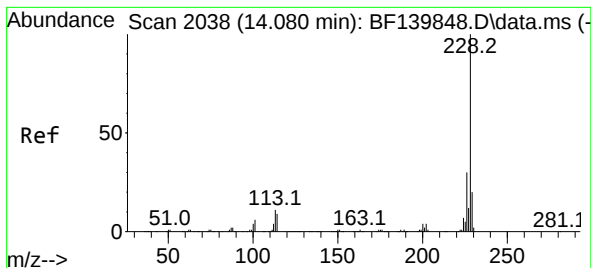


#82
3,3'-Dichlorobenzidine
Concen: 39.955 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28



Tgt Ion:252 Resp: 231729
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 10.9 8.9 13.3





#83

Chrysene

Concen: 55.131 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:228 Resp: 100548

Ion Ratio Lower Upper

228 100

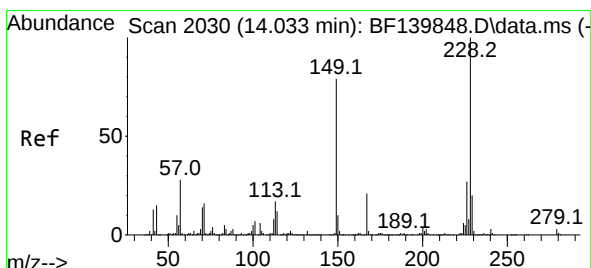
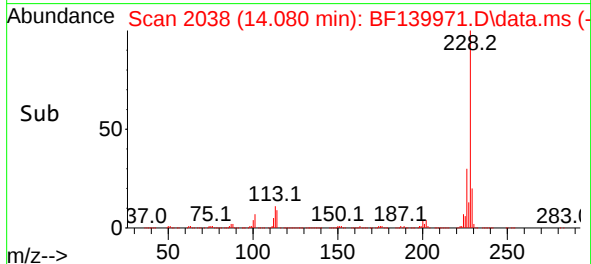
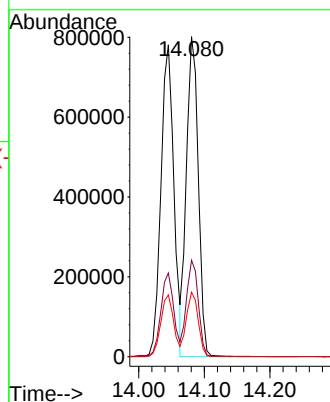
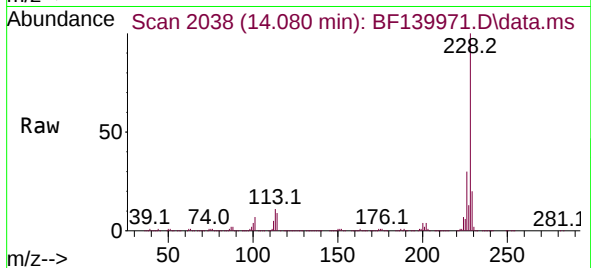
226 30.2 24.1 36.1

229 20.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.526 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

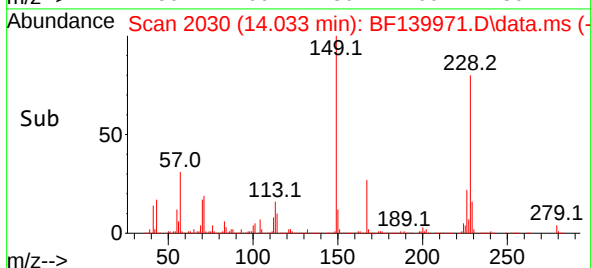
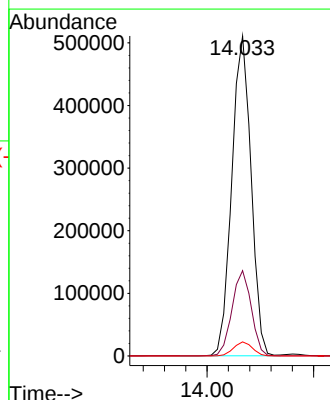
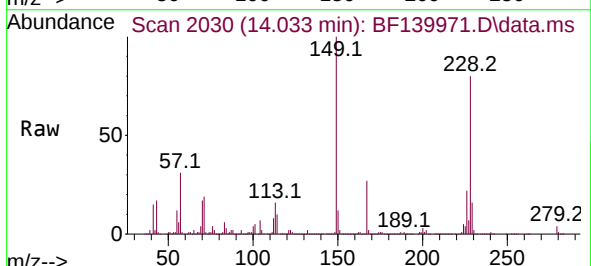
Tgt Ion:149 Resp: 643508

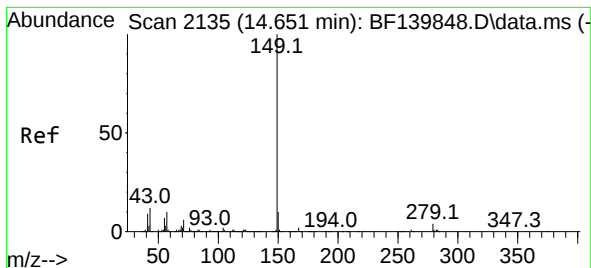
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 71.968 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:149 Resp: 1177689

Ion Ratio Lower Upper

149 100

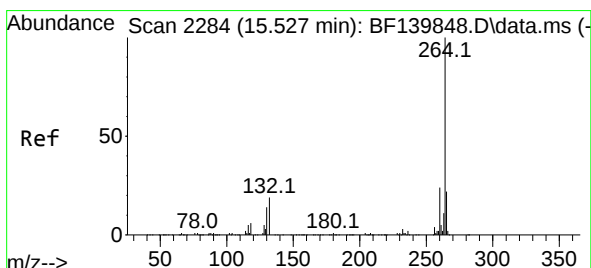
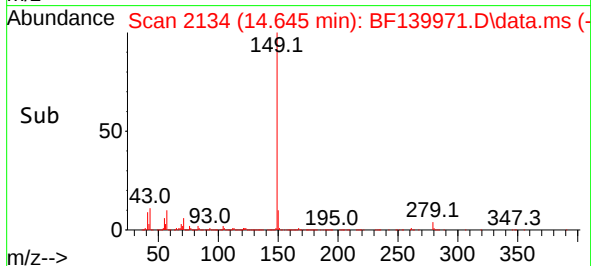
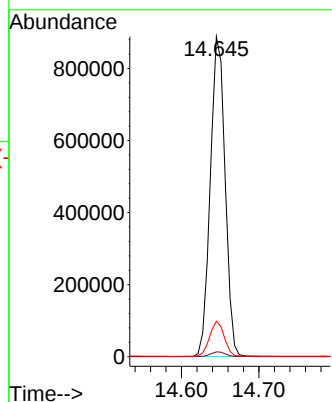
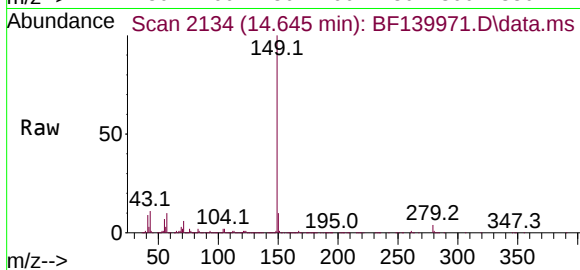
167 1.6 1.2 1.8

43 10.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139971.D

Acq: 23 Oct 2024 18:28

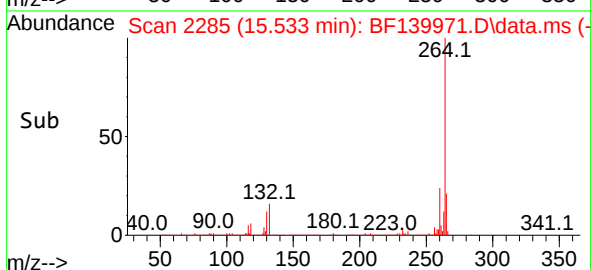
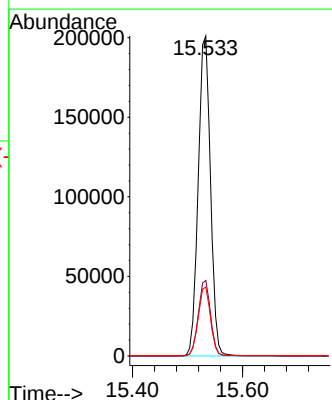
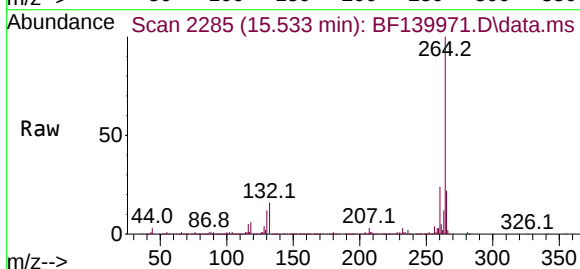
Tgt Ion:264 Resp: 311545

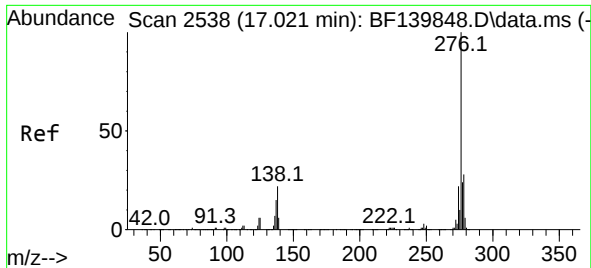
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

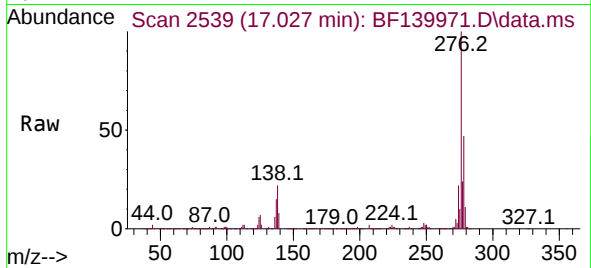
265 21.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.398 ng
RT: 17.027 min Scan# 2539
Delta R.T. 0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

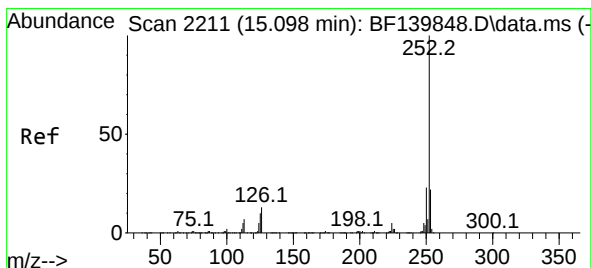
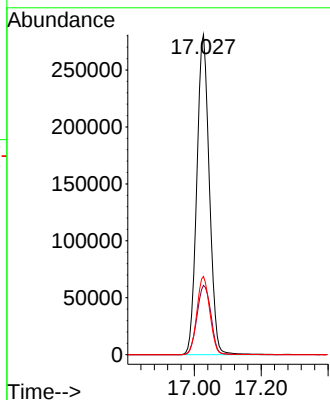
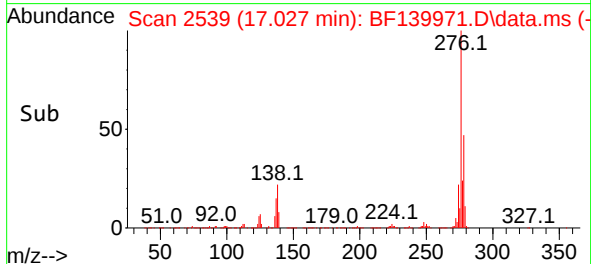
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:276 Resp: 729499
Ion Ratio Lower Upper
276 100
138 24.2 20.4 30.6
277 25.2 20.2 30.4

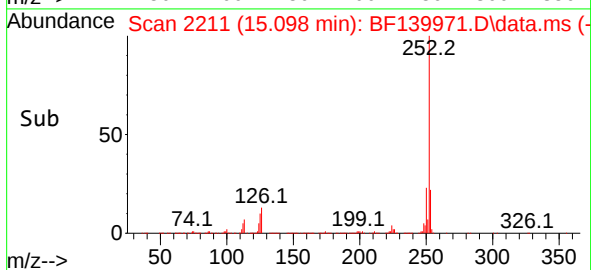
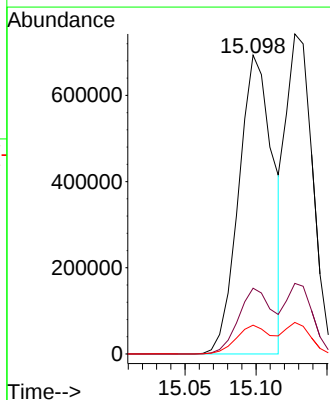
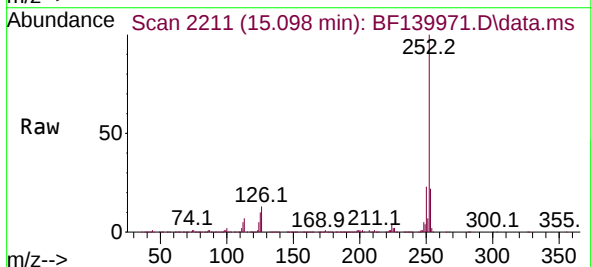
Manual Integrations
APPROVED

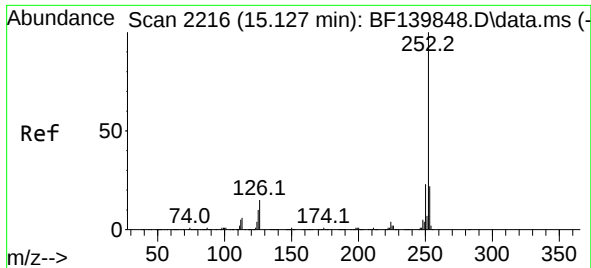
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#88
Benzo(b)fluoranthene
Concen: 61.374 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

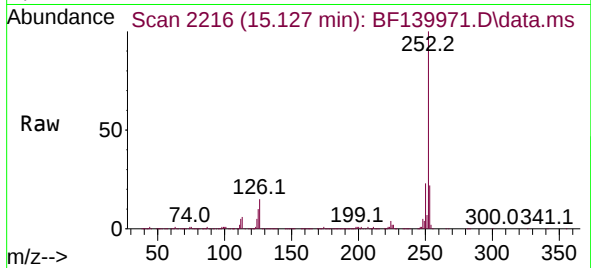
Tgt Ion:252 Resp: 1164759
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.7 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 59.044 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

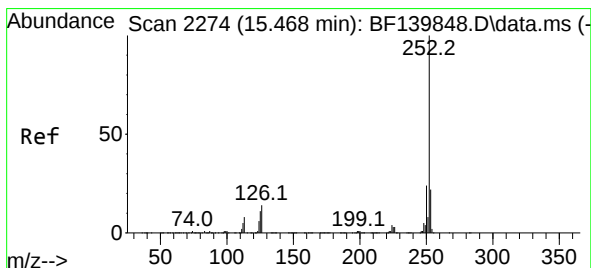
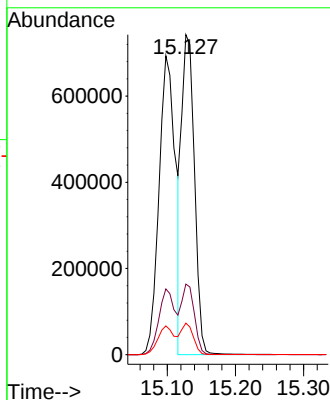
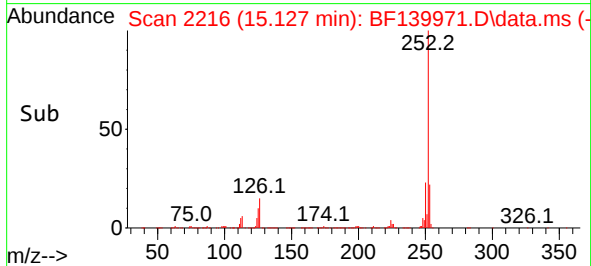
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:252 Resp: 966378
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.8 7.9 11.9

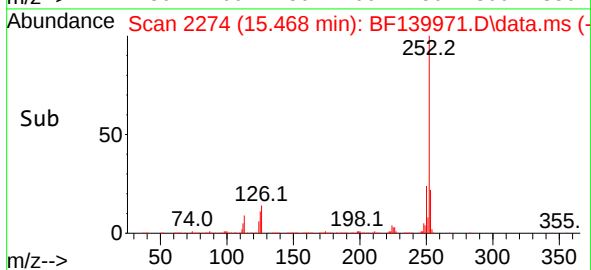
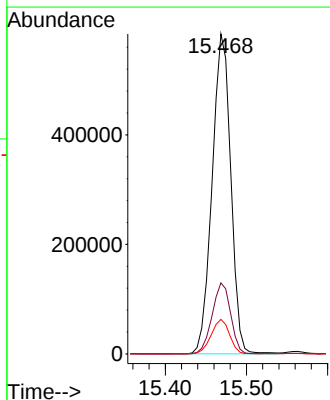
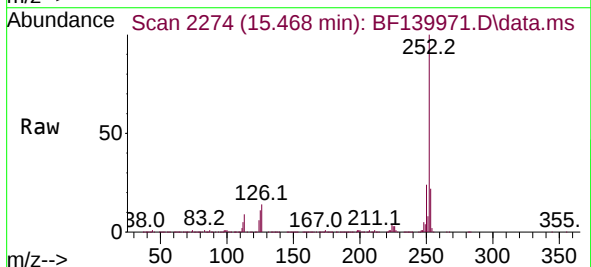
Manual Integrations
APPROVED

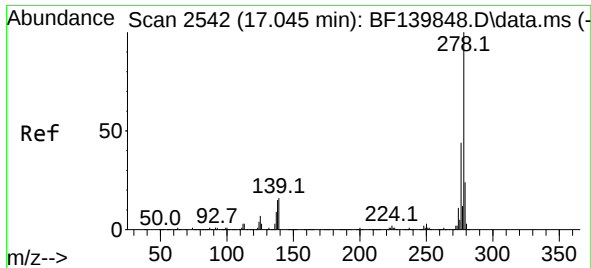
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#90
Benzo(a)pyrene
Concen: 59.687 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

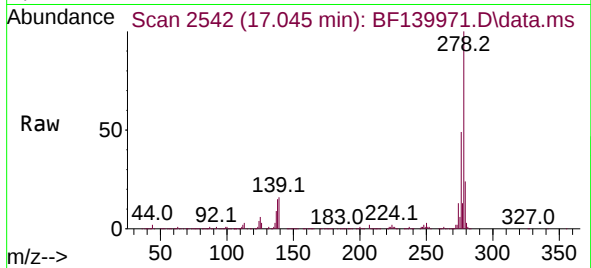
Tgt Ion:252 Resp: 932048
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.8 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 36.758 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

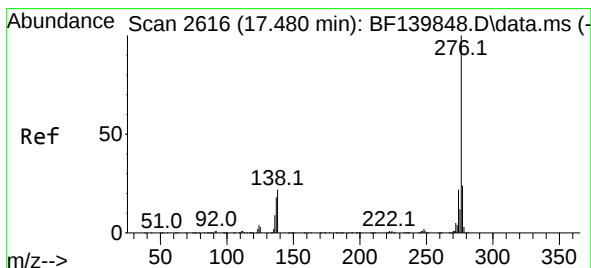
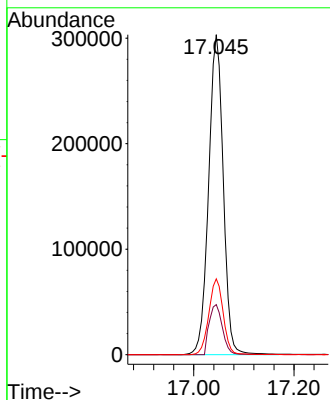
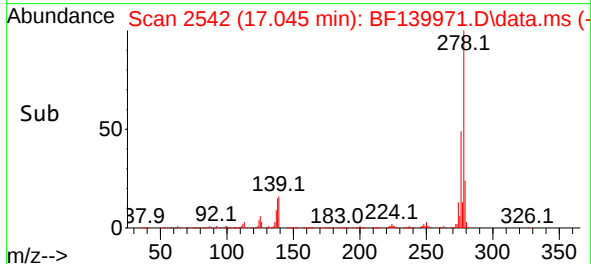
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD



Tgt Ion:278 Resp: 614591
Ion Ratio Lower Upper
278 100
139 15.6 13.1 19.7
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#92
Benzo(g,h,i)perylene
Concen: 30.956 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF139971.D
Acq: 23 Oct 2024 18:28

Tgt Ion:276 Resp: 516991
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.7 17.4 26.0

