

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139306.D
 Acq On : 10 Sep 2024 18:29
 Operator : RC/JU
 Sample : P3872-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-07-202409MSD

Quant Time: Sep 11 01:30:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	122660	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	442373	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	229006	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	360028	20.000	ng	0.00
76) Chrysene-d12	14.051	240	208038	20.000	ng	0.00
86) Perylene-d12	15.521	264	169034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	982438	133.987	ng	0.02
7) Phenol-d6	6.522	99	1284958	131.272	ng	0.00
23) Nitrobenzene-d5	7.457	82	854133	100.445	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	289388	146.340	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1514279	102.072	ng	0.00
79) Terphenyl-d14	12.998	244	1144370	88.814	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	133035m	38.961	ng	
3) Pyridine	3.610	79	255265	30.970	ng	97
4) n-Nitrosodimethylamine	3.552	42	245032	45.780	ng	98
6) Aniline	6.551	93	176573	19.617	ng	# 47
8) 2-Chlorophenol	6.675	128	383128	50.418	ng	98
9) Benzaldehyde	6.440	77	64598	10.902	ng	98
10) Phenol	6.540	94	465292	45.065	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	375604	50.778	ng	99
12) 1,3-Dichlorobenzene	6.834	146	390910	45.448	ng	99
13) 1,4-Dichlorobenzene	6.904	146	400738	46.548	ng	99
14) 1,2-Dichlorobenzene	7.057	146	382490	47.637	ng	100
15) Benzyl Alcohol	7.034	79	367320	51.456	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	698308	49.591	ng	96
17) 2-Methylphenol	7.140	107	306216	49.331	ng	98
18) Hexachloroethane	7.398	117	147411	47.942	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	294392	52.220	ng	98
20) 3+4-Methylphenols	7.293	107	383121	48.973	ng	95
22) Acetophenone	7.298	105	520408	49.380	ng	99
24) Nitrobenzene	7.475	77	431919	47.856	ng	99
25) Isophorone	7.710	82	768451	52.858	ng	99
26) 2-Nitrophenol	7.787	139	200605	56.590	ng	99
27) 2,4-Dimethylphenol	7.822	122	311874	61.689	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	451646	52.144	ng	99
29) 2,4-Dichlorophenol	8.028	162	316759	52.329	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	329815	47.706	ng	99
31) Naphthalene	8.192	128	1098241	49.024	ng	100
32) Benzoic acid	7.940	122	200779	43.601	ng	99
33) 4-Chloroaniline	8.240	127	42411	5.468	ng	98
34) Hexachlorobutadiene	8.310	225	218872	49.962	ng	99
35) Caprolactam	8.610	113	77615m	41.417	ng	
36) 4-Chloro-3-methylphenol	8.722	107	343226	52.033	ng	99
37) 2-Methylnaphthalene	8.887	142	710615	50.700	ng	99
38) 1-Methylnaphthalene	8.987	142	655077	47.522	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	334387	51.609	ng	98
41) Hexachlorocyclopentadiene	9.034	237	301581	144.834	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	232503	54.845	ng	98

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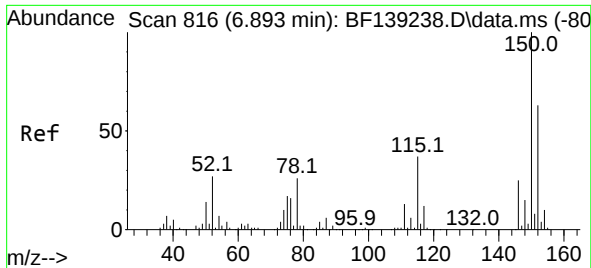
Quant Time: Sep 11 01:30:26 2024
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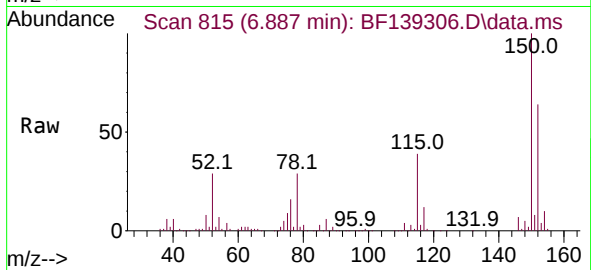
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	238772	53.749	ng	99
46) 1,1'-Biphenyl	9.351	154	876019	51.630	ng	99
47) 2-Chloronaphthalene	9.375	162	653258	50.989	ng	99
48) 2-Nitroaniline	9.469	65	240689	54.543	ng	98
49) Acenaphthylene	9.792	152	1049120	54.369	ng	100
50) Dimethylphthalate	9.651	163	789707	56.895	ng	99
51) 2,6-Dinitrotoluene	9.710	165	167048	53.050	ng	97
52) Acenaphthene	9.963	154	718348	56.128	ng	99
53) 3-Nitroaniline	9.881	138	93065	27.740	ng	98
54) 2,4-Dinitrophenol	9.986	184	143647	86.405	ng	# 67
55) Dibenzofuran	10.134	168	953317	51.954	ng	99
56) 4-Nitrophenol	10.039	139	237324	95.841	ng	99
57) 2,4-Dinitrotoluene	10.116	165	217602	54.294	ng	98
58) Fluorene	10.475	166	708239	49.783	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	188337	53.858	ng	98
60) Diethylphthalate	10.351	149	777861	56.947	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	357798	52.152	ng	99
62) 4-Nitroaniline	10.498	138	142682	44.679	ng	99
63) Azobenzene	10.628	77	751443	52.196	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	91168	54.804	ng	94
66) n-Nitrosodiphenylamine	10.586	169	628681	59.989	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	207531	59.411	ng	100
68) Hexachlorobenzene	11.022	284	216357	54.105	ng	100
69) Atrazine	11.116	200	192664	79.684	ng	99
70) Pentachlorophenol	11.216	266	241266	104.447	ng	98
71) Phenanthrene	11.439	178	896190	53.284	ng	100
72) Anthracene	11.492	178	900157	54.788	ng	100
73) Carbazole	11.645	167	778164	50.675	ng	100
74) Di-n-butylphthalate	11.975	149	1048182	66.665	ng	99
75) Fluoranthene	12.627	202	847108	50.238	ng	99
77) Benzidine	12.745	184	88712	21.178	ng	99
78) Pyrene	12.851	202	848642	42.228	ng	100
80) Butylbenzylphthalate	13.475	149	348518	73.668	ng	98
81) Benzo(a)anthracene	14.039	228	696568	52.436	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	151786	43.025	ng	98
83) Chrysene	14.080	228	682134	55.018	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	465998	83.920	ng	100
85) Di-n-octyl phthalate	14.645	149	775625	72.957	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	450811	42.691	ng	97
88) Benzo(b)fluoranthene	15.092	252	610324	62.696	ng	100
89) Benzo(k)fluoranthene	15.121	252	513367	58.816	ng	99
90) Benzo(a)pyrene	15.463	252	482464	58.367	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	371501	42.690	ng	99
92) Benzo(g,h,i)perylene	17.451	276	322904	35.947	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

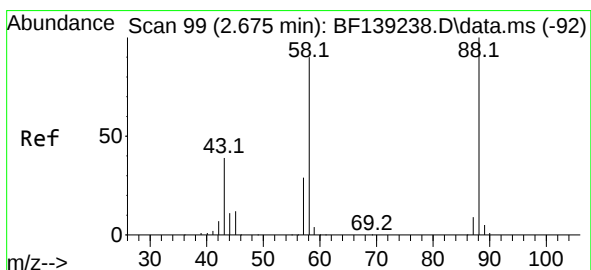
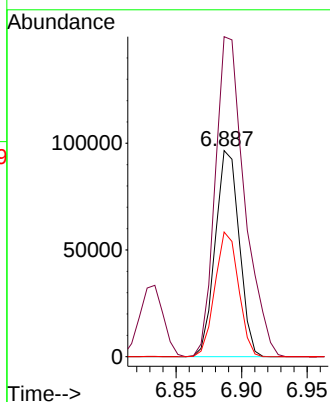
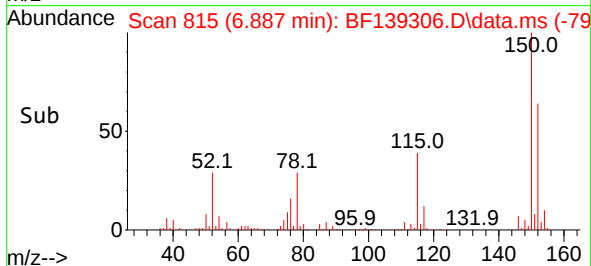
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:152 Resp: 122660
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.4
115 60.5 46.9 70.3

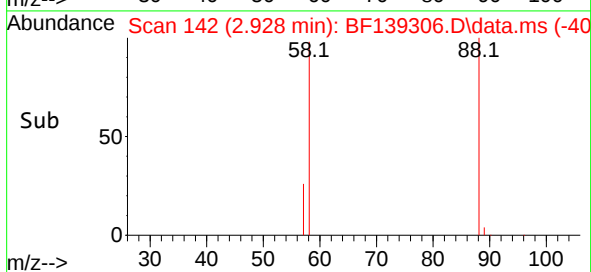
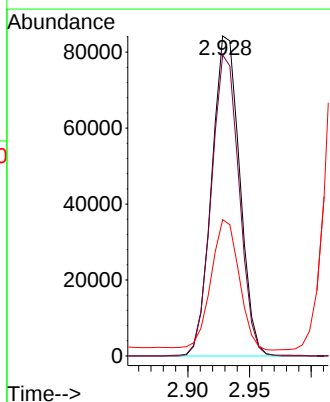
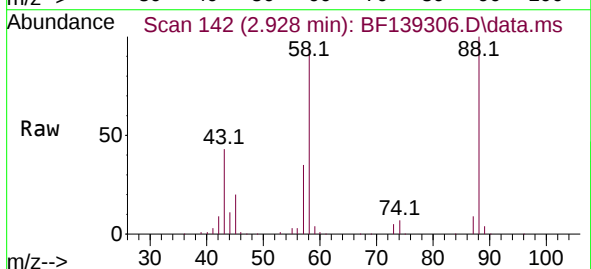
Manual Integrations
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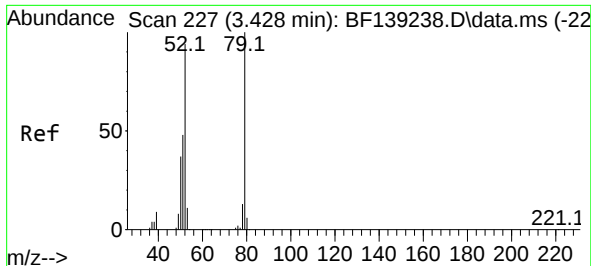
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#2
1,4-Dioxane
Concen: 38.961 ng m
RT: 2.928 min Scan# 142
Delta R.T. 0.253 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

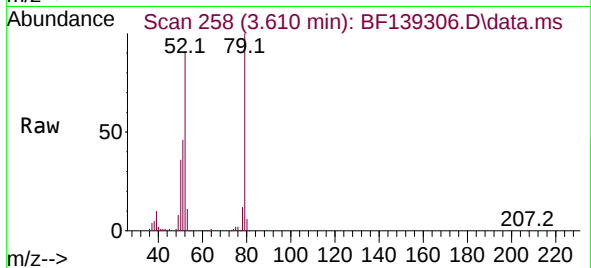
Tgt Ion: 88 Resp: 133035
Ion Ratio Lower Upper
88 100
58 92.4 72.5 108.7
43 0.0 31.4 47.2#





#3
Pyridine
Concen: 30.970 ng
RT: 3.610 min Scan# 21
Delta R.T. 0.182 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

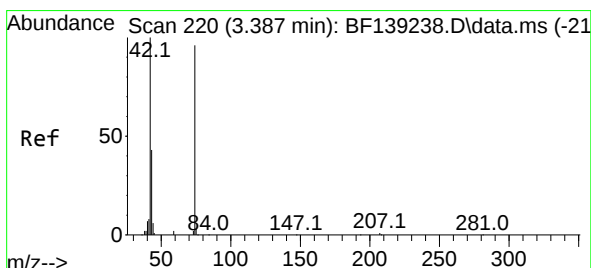
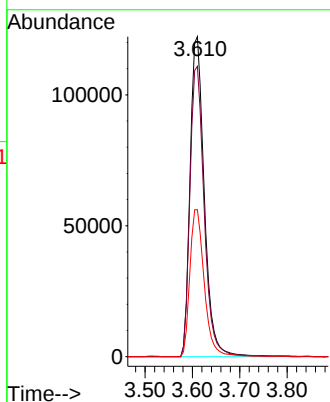
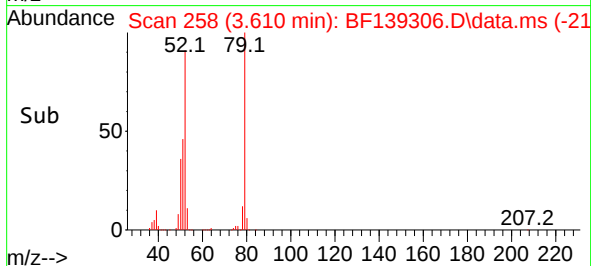
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion: 79 Resp: 25526
Ion Ratio Lower Upper
79 100
52 90.8 75.3 112.9
51 46.0 38.2 57.2

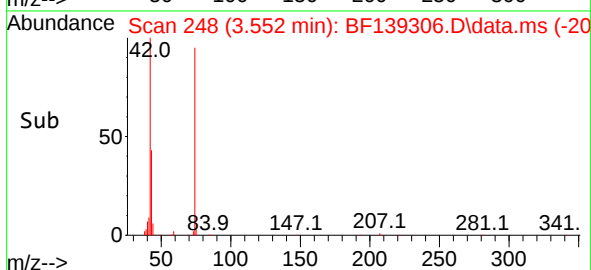
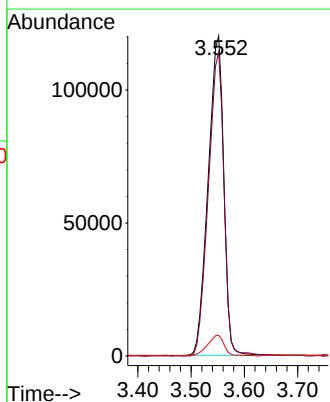
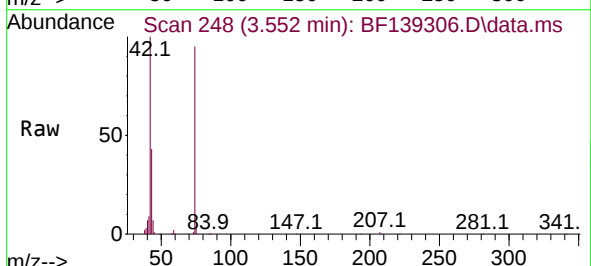
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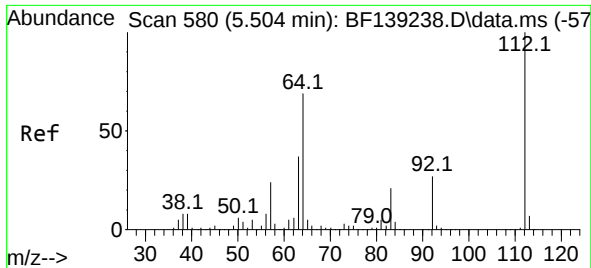
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#4
n-Nitrosodimethylamine
Concen: 45.780 ng
RT: 3.552 min Scan# 248
Delta R.T. 0.165 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Tgt Ion: 42 Resp: 245032
Ion Ratio Lower Upper
42 100
74 94.8 77.2 115.8
44 6.5 5.1 7.7





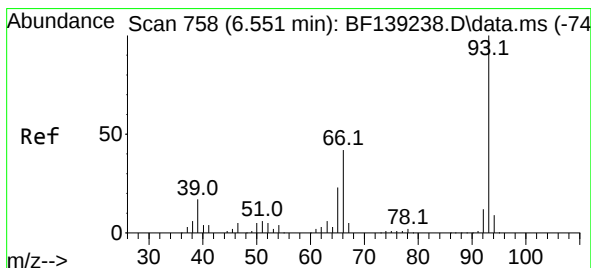
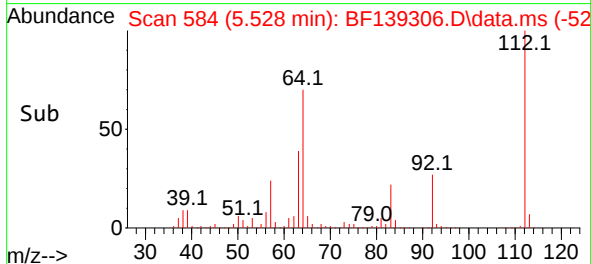
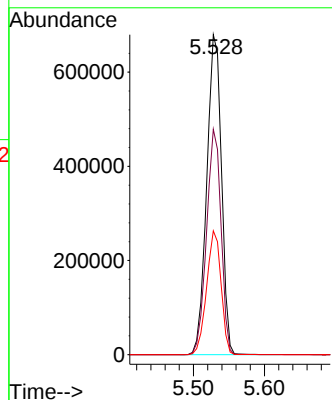
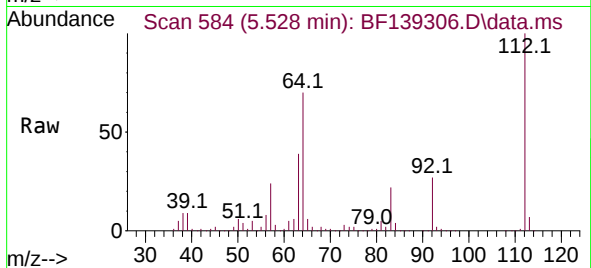
#5
2-Fluorophenol
Concen: 133.987 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.023 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

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WC-S-07-202409MSD

Tgt Ion:112 Resp: 982438
Ion Ratio Lower Upper
112 100
64 70.4 55.0 82.4
63 38.7 29.9 44.9

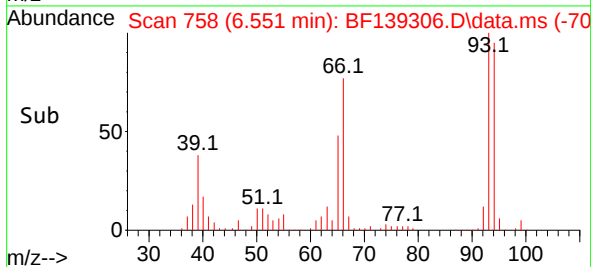
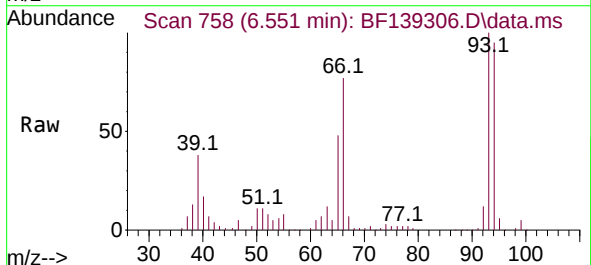
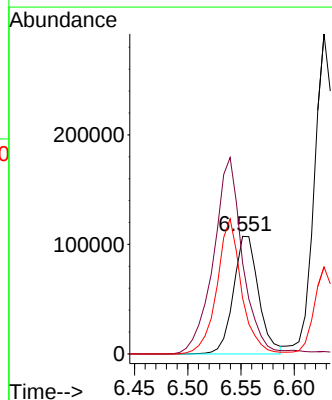
Manual Integrations
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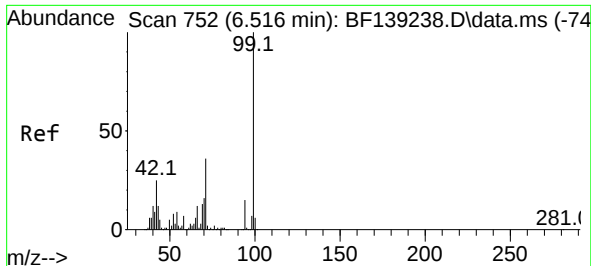
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#6
Aniline
Concen: 19.617 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Tgt Ion: 93 Resp: 176573
Ion Ratio Lower Upper
93 100
66 77.4 34.4 51.6#
65 47.5 18.2 27.4#





#7

Phenol-d6

Concen: 131.272 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139306.D

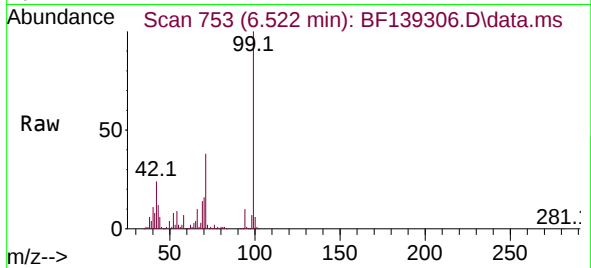
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Instrument :

BNA_F

ClientSampleId :

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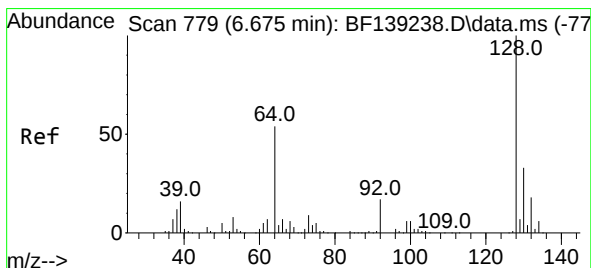
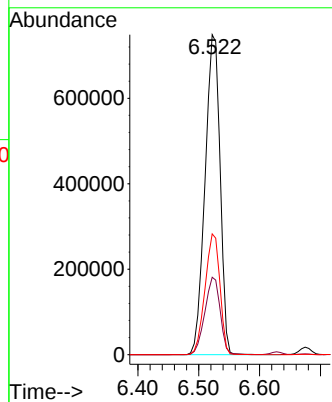
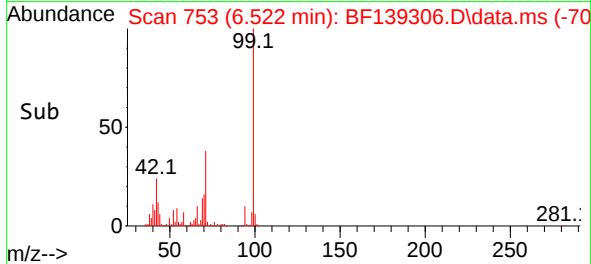
Tgt Ion: 99 Resp: 128495

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.8	29.6
71	37.8	28.8	43.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 50.418 ng

RT: 6.675 min Scan# 779

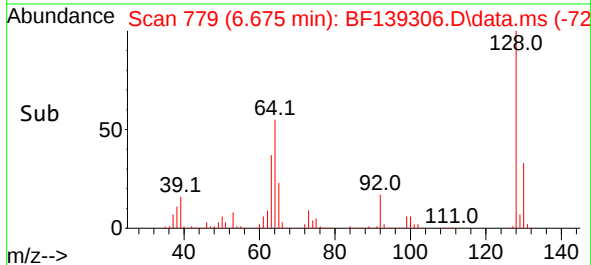
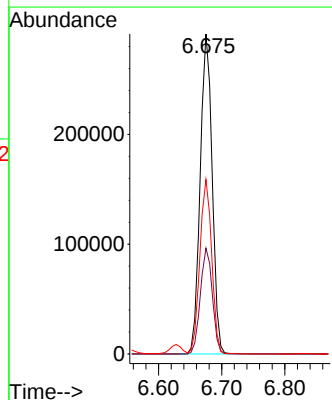
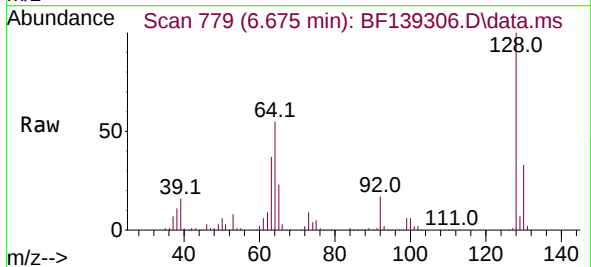
Delta R.T. -0.000 min

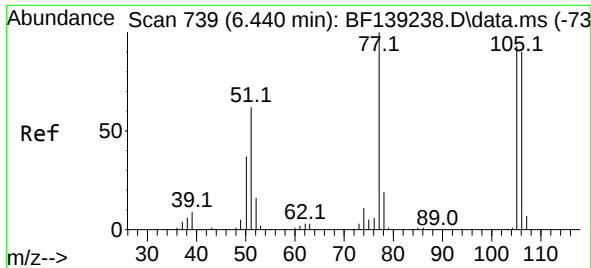
Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Tgt Ion:128 Resp: 383128

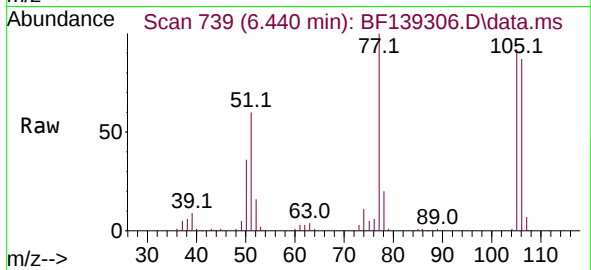
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.7	52.7
64	54.5	36.6	76.6





#9
Benzaldehyde
Concen: 10.902 ng
RT: 6.440 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

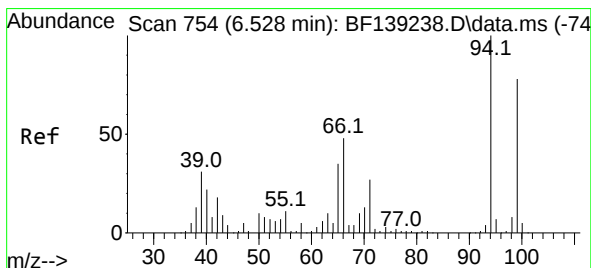
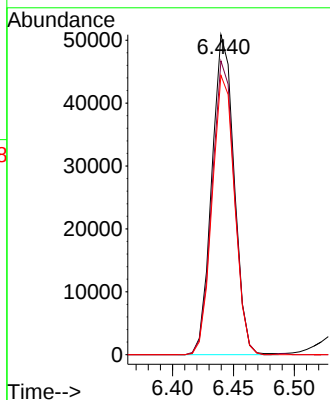
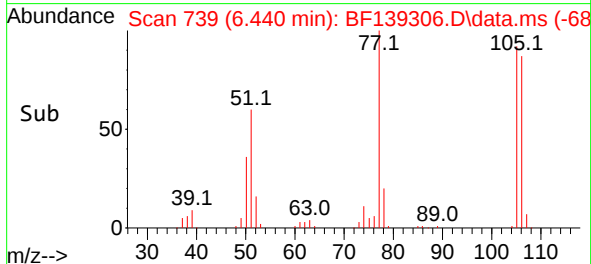
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion: 77 Resp: 64598
Ion Ratio Lower Upper
77 100
105 91.8 72.9 112.9
106 87.3 69.6 109.6

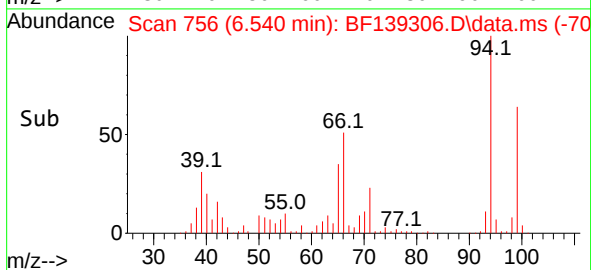
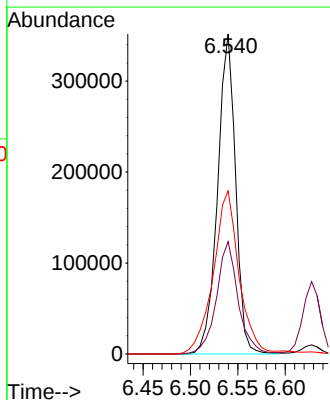
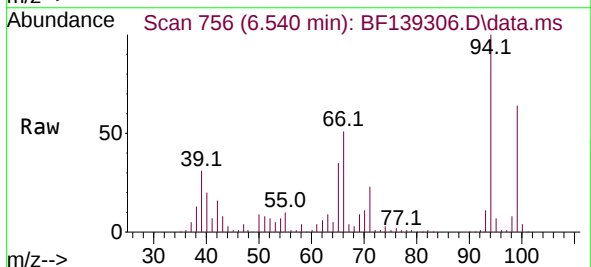
Manual Integrations
APPROVED

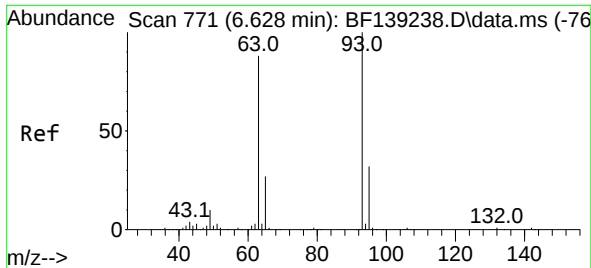
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#10
Phenol
Concen: 45.065 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

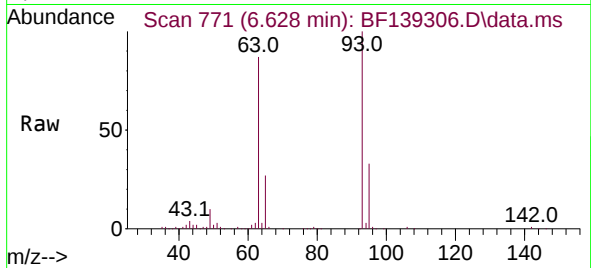
Tgt Ion: 94 Resp: 465292
Ion Ratio Lower Upper
94 100
65 35.1 14.7 54.7
66 51.0 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 50.778 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

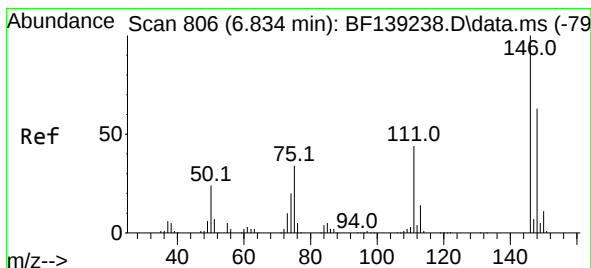
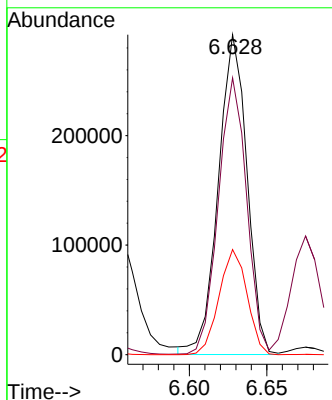
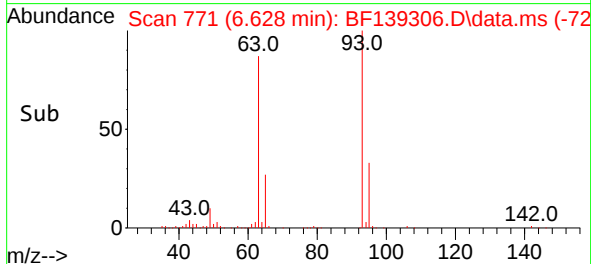
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion: 93 Resp: 375604
Ion Ratio Lower Upper
93 100
63 86.5 67.1 107.1
95 32.9 12.2 52.2

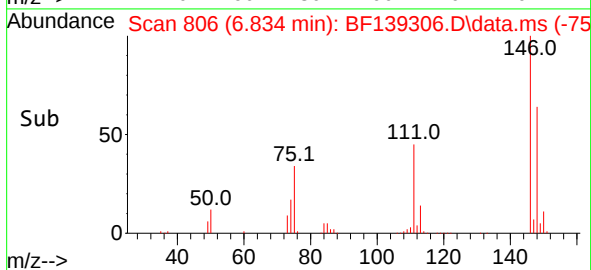
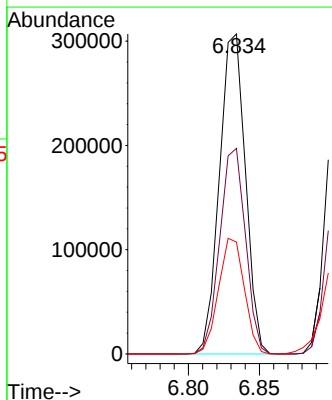
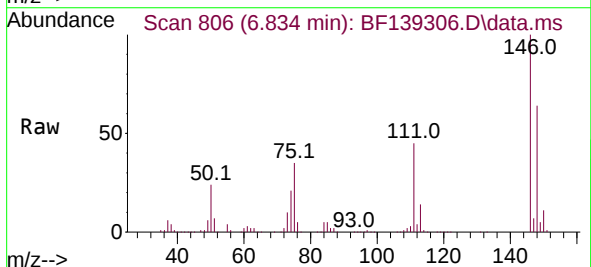
Manual Integrations
APPROVED

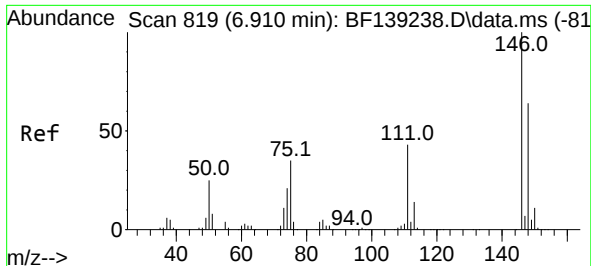
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#12
1,3-Dichlorobenzene
Concen: 45.448 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Tgt Ion:146 Resp: 390910
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
75 35.0 27.3 40.9





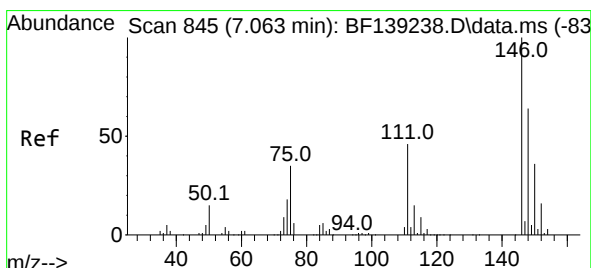
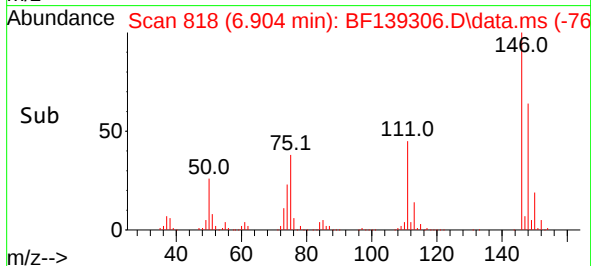
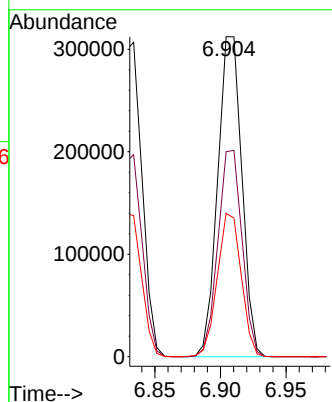
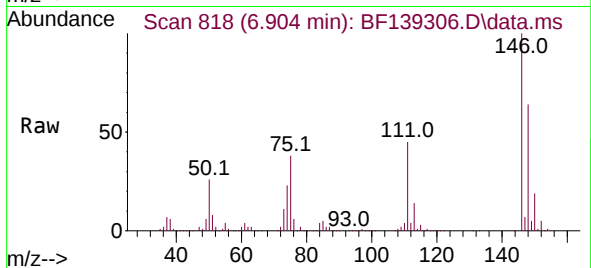
#13
1,4-Dichlorobenzene
Concen: 46.548 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD

Tgt Ion:146 Resp: 400738
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 44.8 34.6 51.8

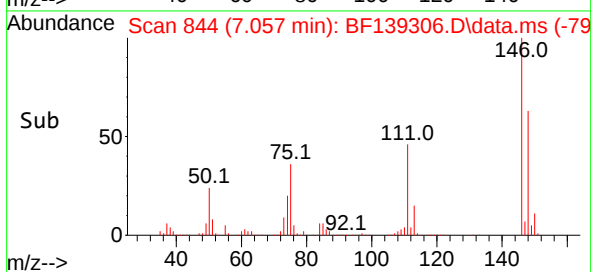
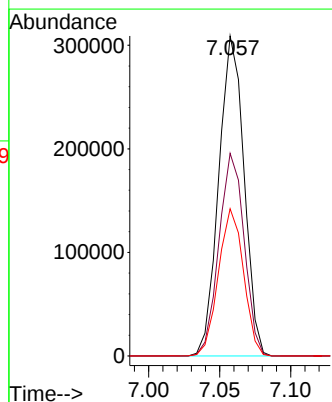
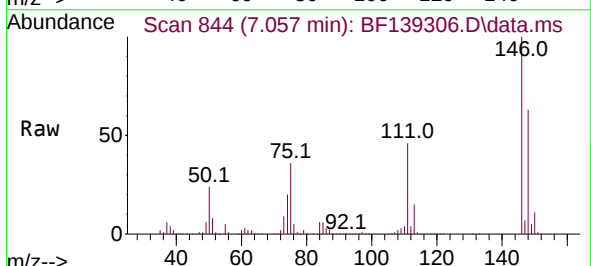
Manual Integrations
APPROVED

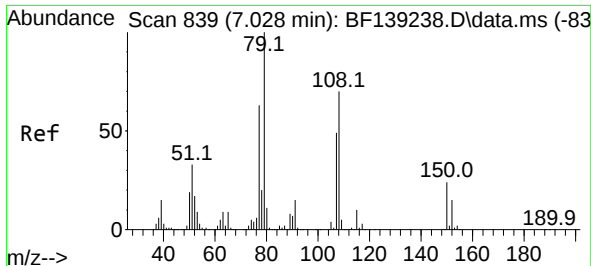
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#14
1,2-Dichlorobenzene
Concen: 47.637 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

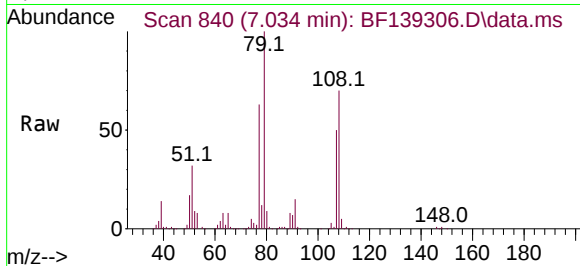
Tgt Ion:146 Resp: 382490
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 46.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 51.456 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

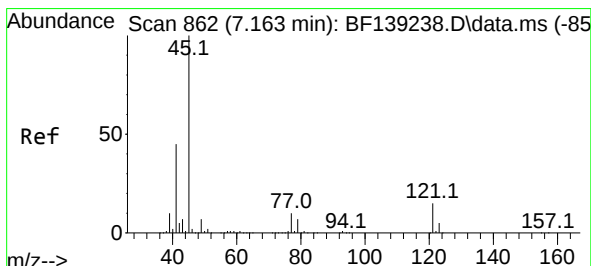
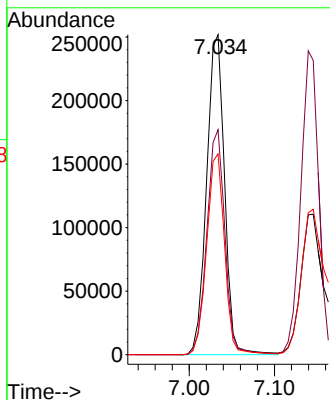
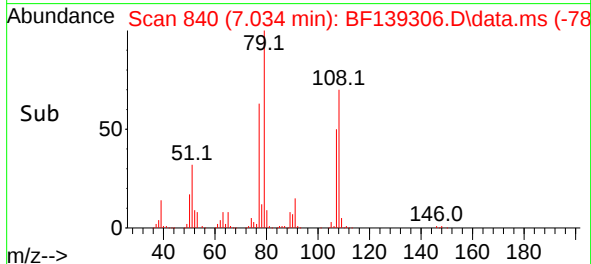
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



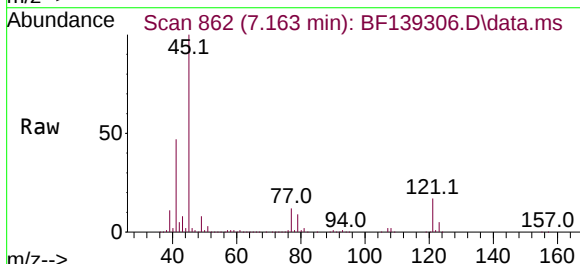
Tgt Ion: 79 Resp: 367320
Ion Ratio Lower Upper
79 100
108 70.3 56.1 84.1
77 62.8 50.6 76.0

Manual Integrations
APPROVED

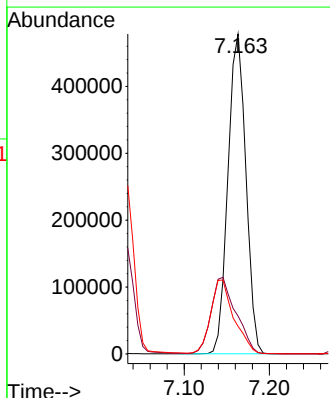
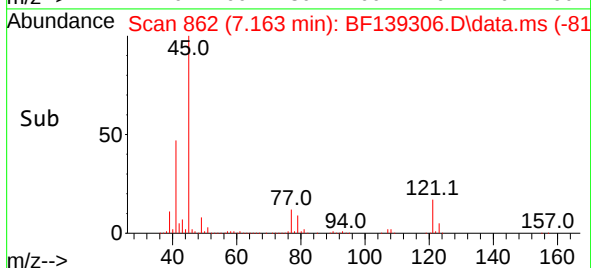
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

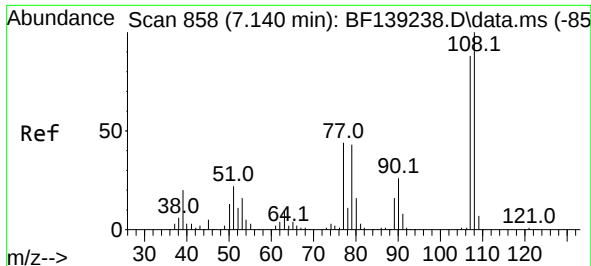


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.591 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



Tgt Ion: 45 Resp: 698308
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.0
79 8.6 0.0 27.6





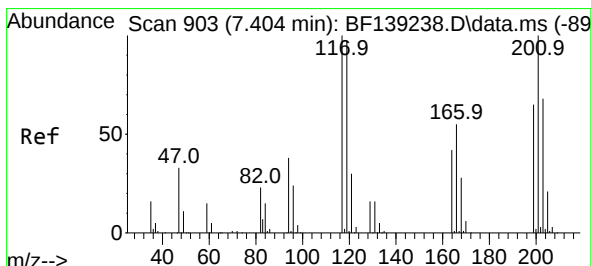
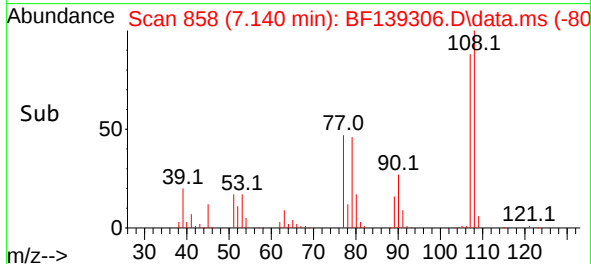
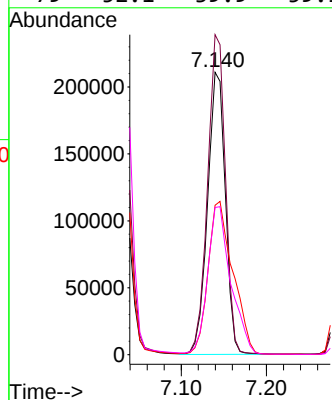
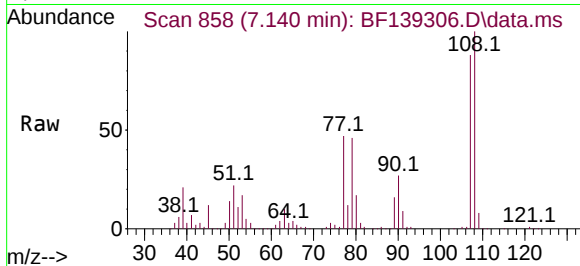
#17
2-Methylphenol
Concen: 49.331 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD

Tgt Ion:107 Resp: 306210
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.2
77 52.9 40.1 60.1
79 52.1 39.9 59.9

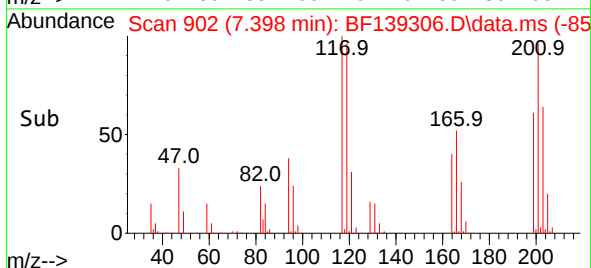
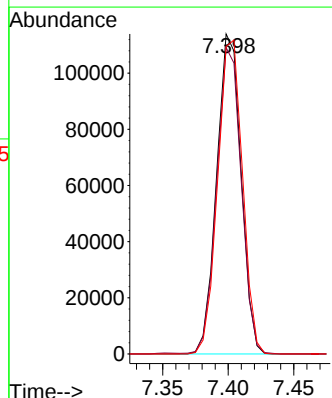
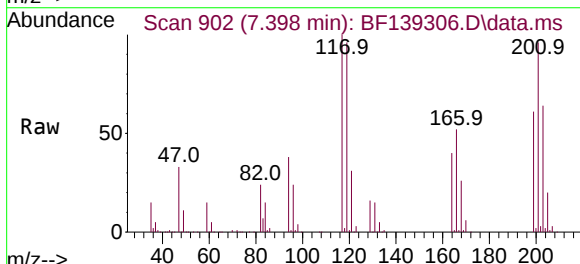
Manual Integrations
APPROVED

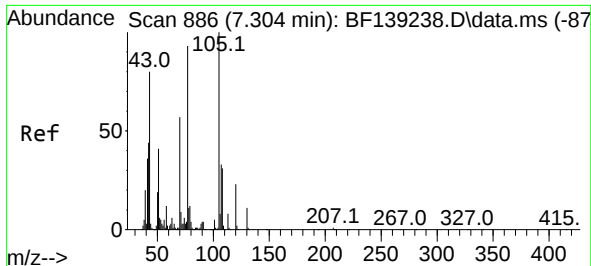
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#18
Hexachloroethane
Concen: 47.942 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

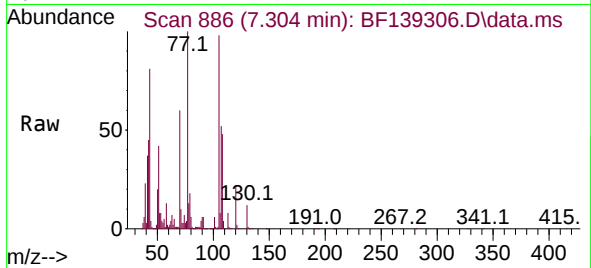
Tgt Ion:117 Resp: 147411
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.2
201 96.1 80.0 120.0





#19
n-Nitroso-di-n-propylamine
Concen: 52.220 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

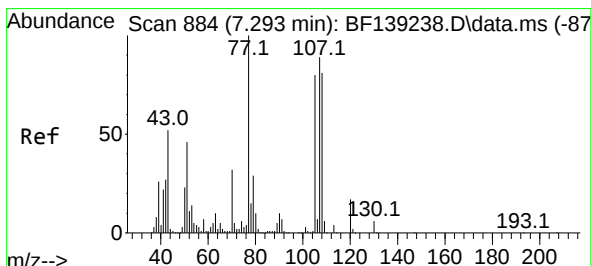
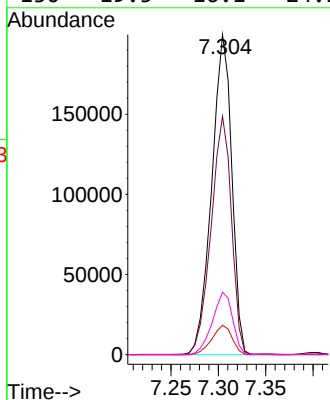
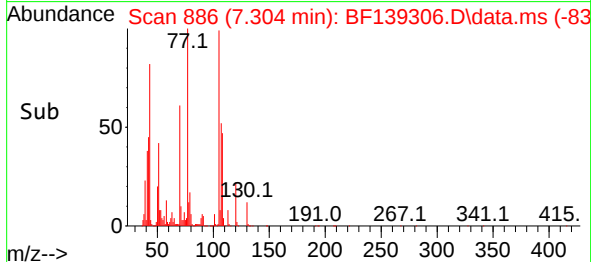
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



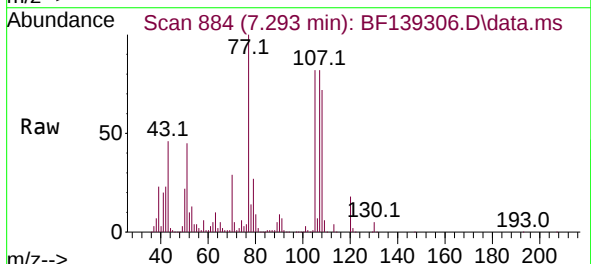
Tgt Ion: 70 Resp: 294392
Ion Ratio Lower Upper
70 100
42 74.5 61.0 91.6
101 9.2 7.2 10.8
130 19.5 16.1 24.1

Manual Integrations
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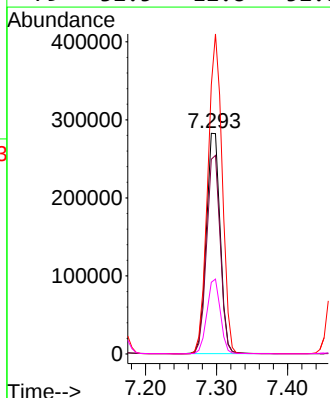
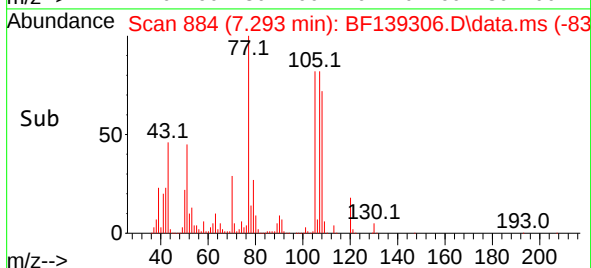
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

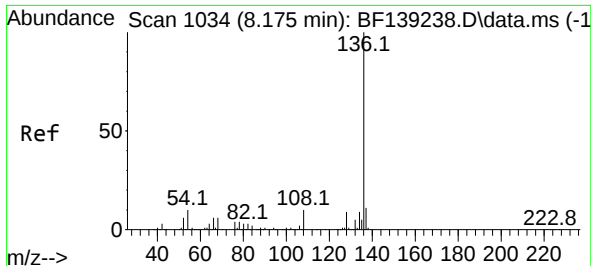


#20
3+4-Methylphenols
Concen: 48.973 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



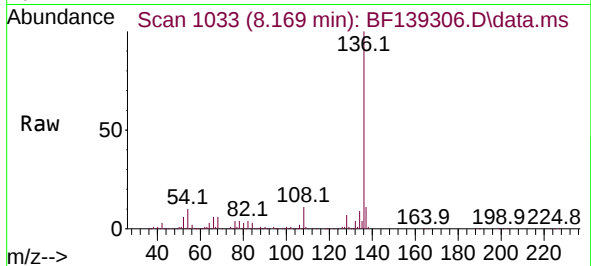
Tgt Ion:107 Resp: 383121
Ion Ratio Lower Upper
107 100
108 88.3 70.4 110.4
77 122.0 92.2 132.2
79 32.5 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

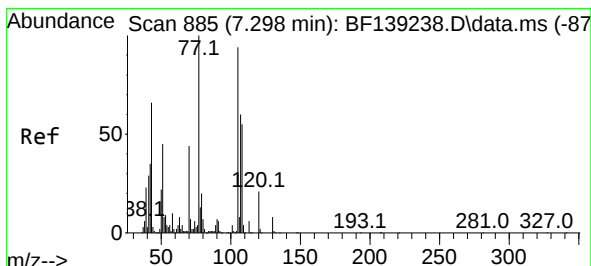
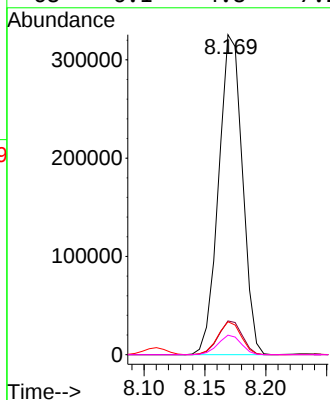
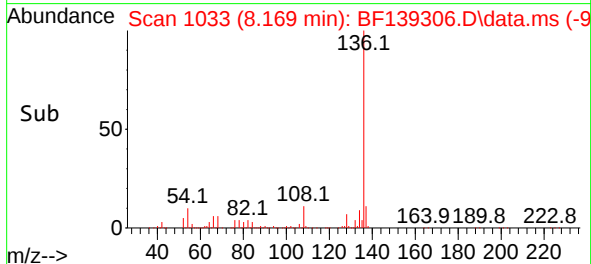
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:136 Resp: 44237
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.3 8.4 12.6
68 6.1 4.8 7.2

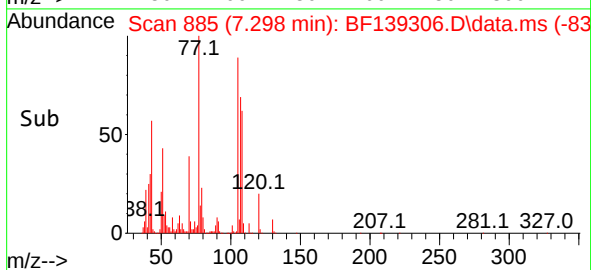
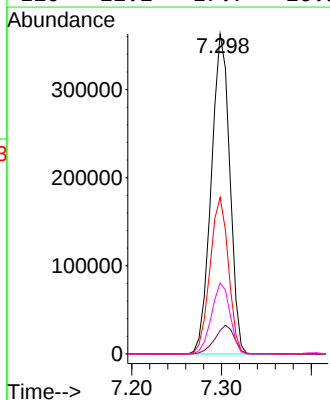
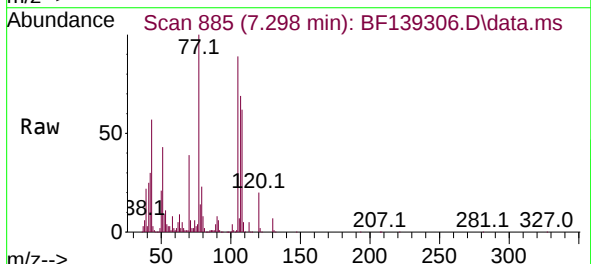
Manual Integrations
APPROVED

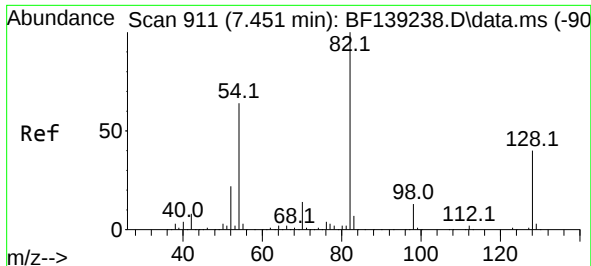
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#22
Acetophenone
Concen: 49.380 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

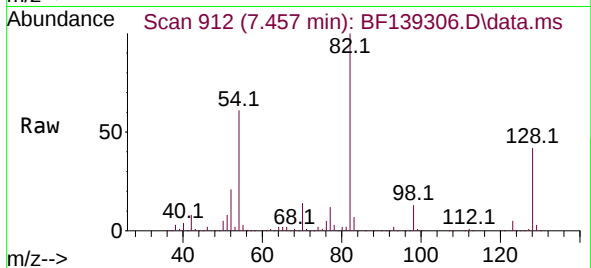
Tgt Ion:105 Resp: 520408
Ion Ratio Lower Upper
105 100
71 7.3 6.2 9.2
51 49.0 38.2 57.2
120 22.2 17.7 26.5





#23
Nitrobenzene-d5
Concen: 100.445 ng
RT: 7.457 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

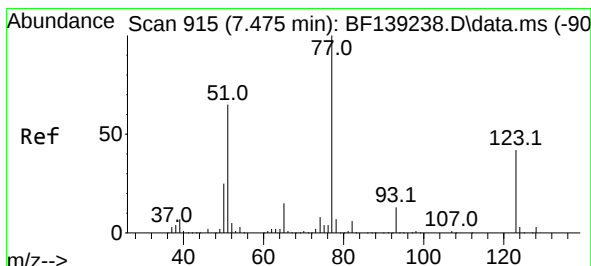
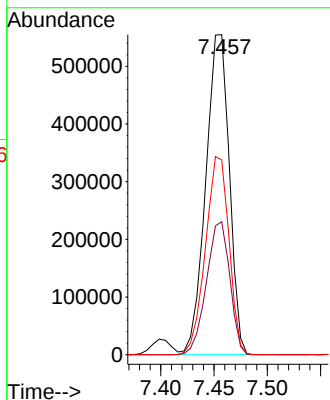
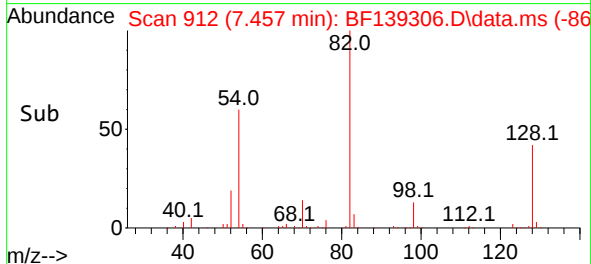
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion: 82 Resp: 854133
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 60.9 51.2 76.8

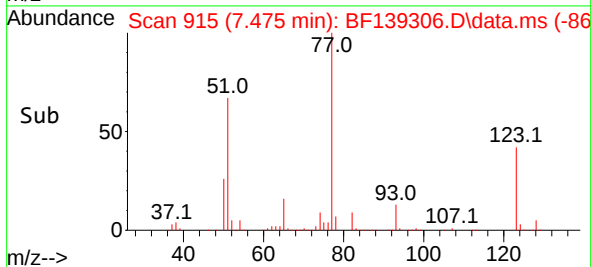
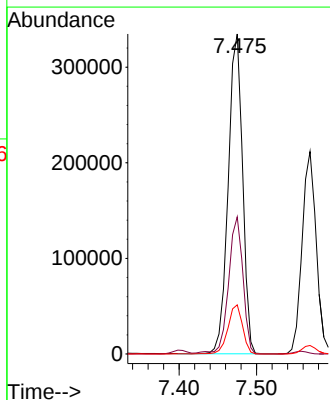
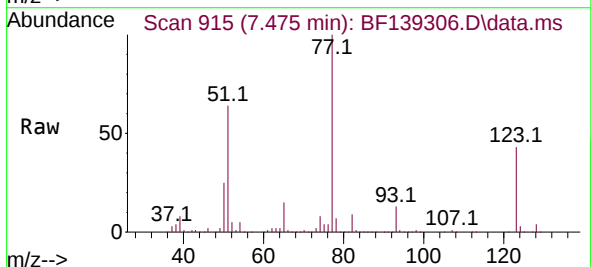
Manual Integrations
APPROVED

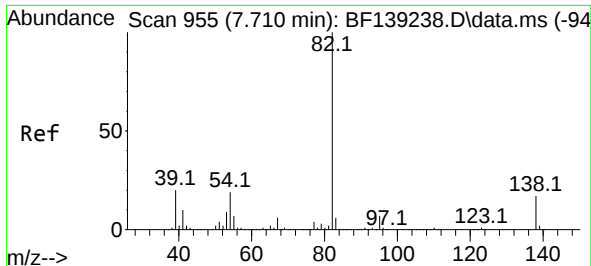
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#24
Nitrobenzene
Concen: 47.856 ng
RT: 7.475 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

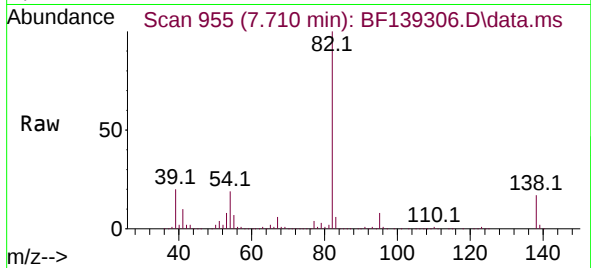
Tgt Ion: 77 Resp: 431919
Ion Ratio Lower Upper
77 100
123 42.9 34.0 51.0
65 15.3 12.1 18.1





#25
Isophorone
Concen: 52.858 ng
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

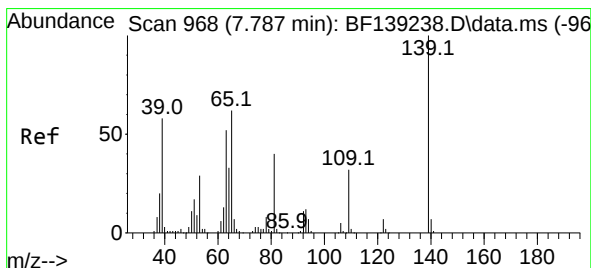
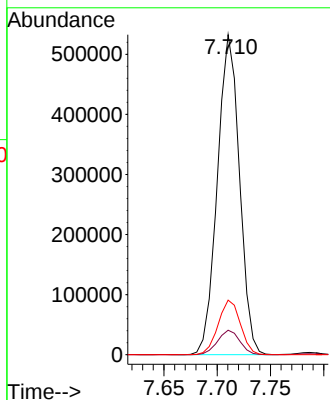
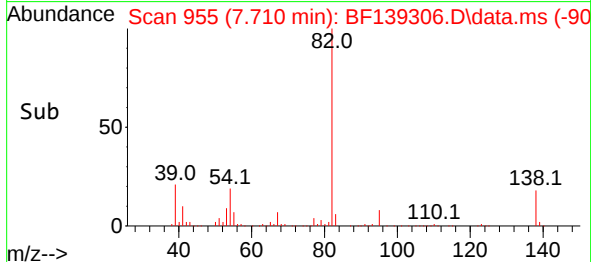
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion: 82 Resp: 76845
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.1 13.4 20.0

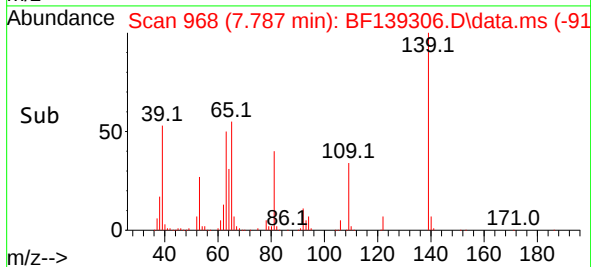
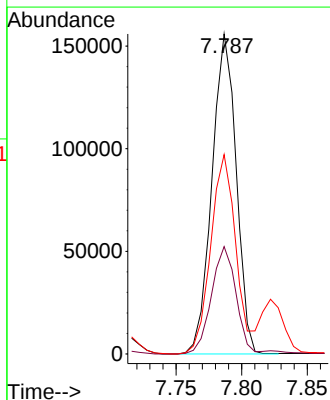
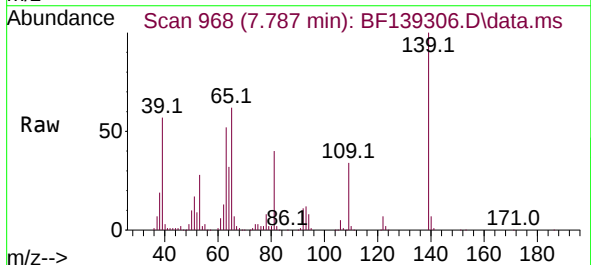
Manual Integrations
APPROVED

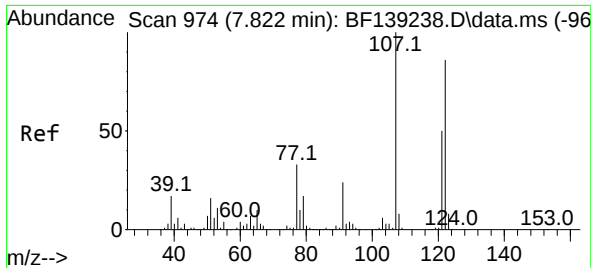
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#26
2-Nitrophenol
Concen: 56.590 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

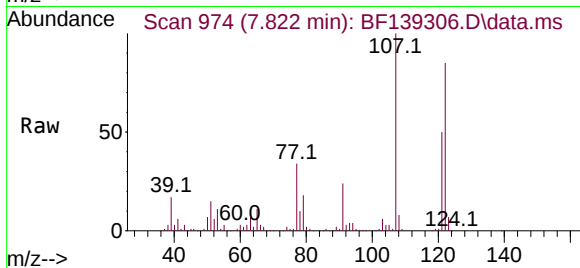
Tgt Ion:139 Resp: 200605
Ion Ratio Lower Upper
139 100
109 33.5 25.4 38.2
65 62.3 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 61.689 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

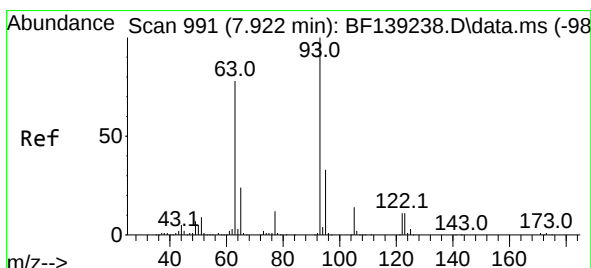
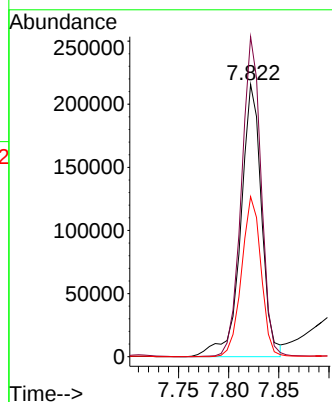
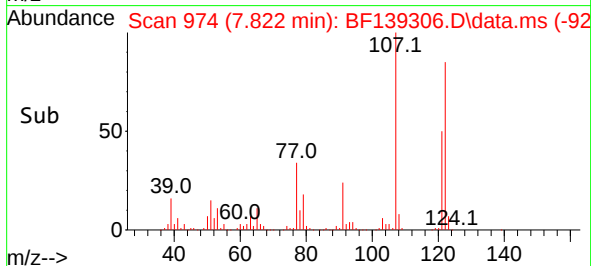
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:122 Resp: 311874
Ion Ratio Lower Upper
122 100
107 117.5 93.4 140.2
121 58.8 46.6 70.0

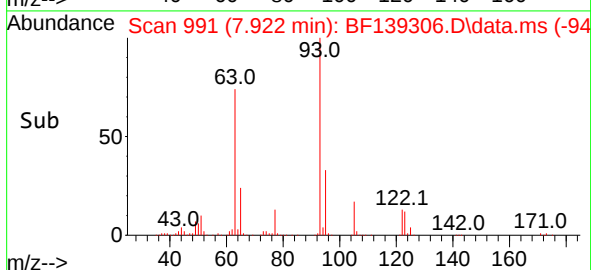
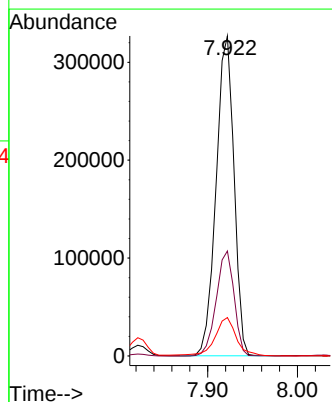
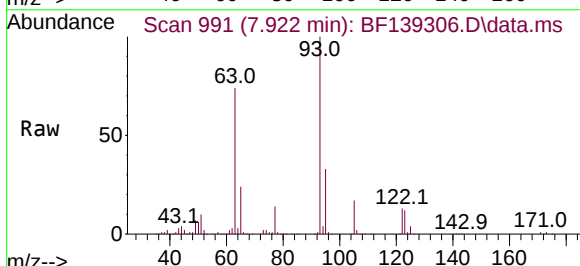
Manual Integrations
APPROVED

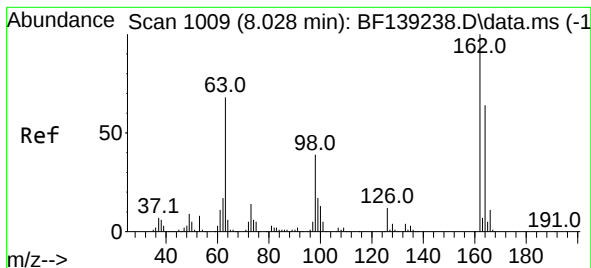
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.144 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Tgt Ion: 93 Resp: 451646
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 52.329 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409MSD

Tgt Ion:162 Resp: 31675

Ion Ratio Lower Upper

162 100

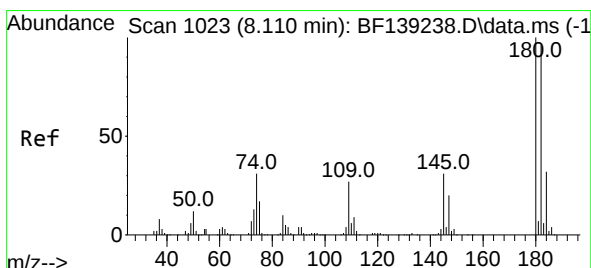
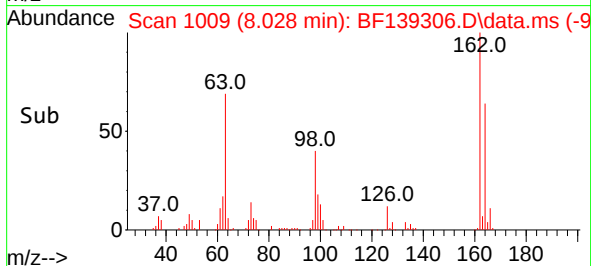
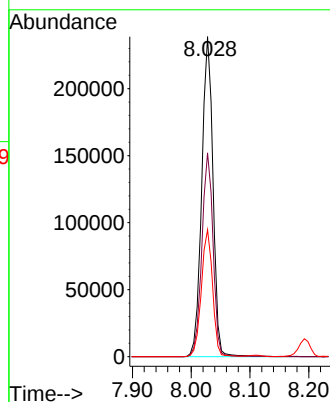
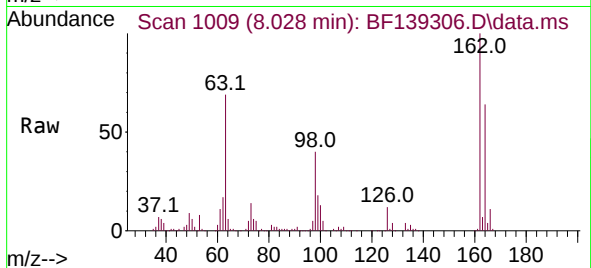
164 63.7 43.6 83.6

98 39.6 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.706 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

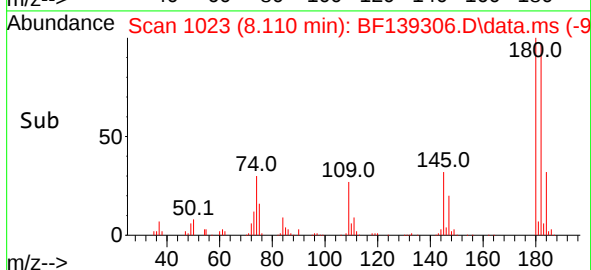
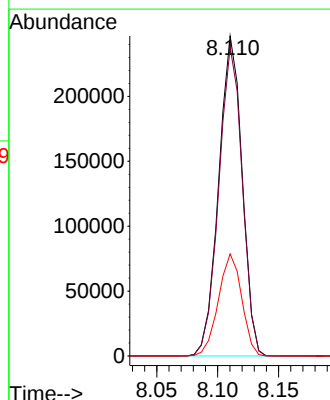
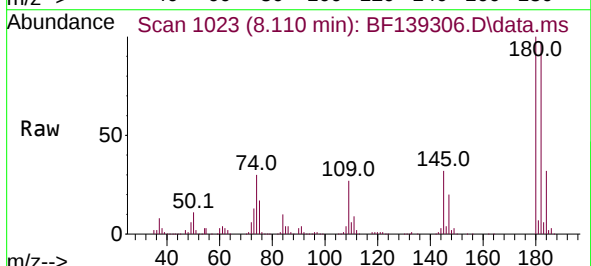
Tgt Ion:180 Resp: 329815

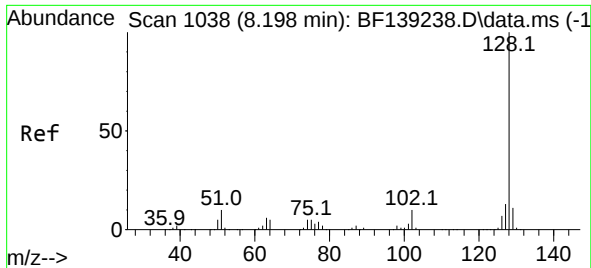
Ion Ratio Lower Upper

180 100

182 96.5 76.5 114.7

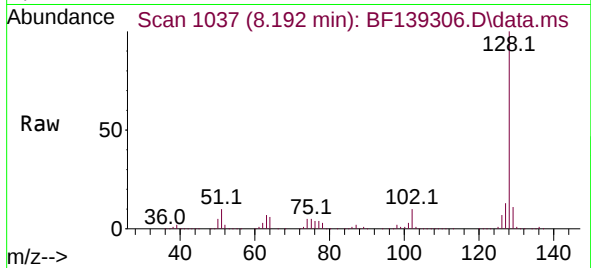
145 31.9 25.1 37.7





#31
Naphthalene
Concen: 49.024 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

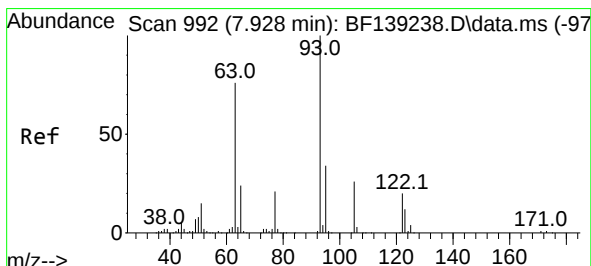
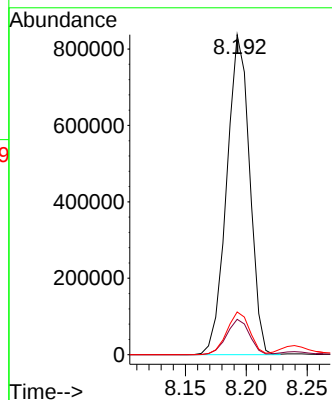
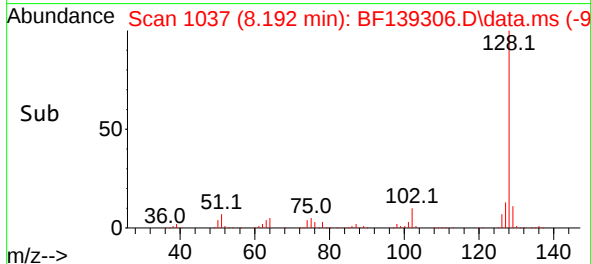
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:128 Resp: 109824
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.6 15.8

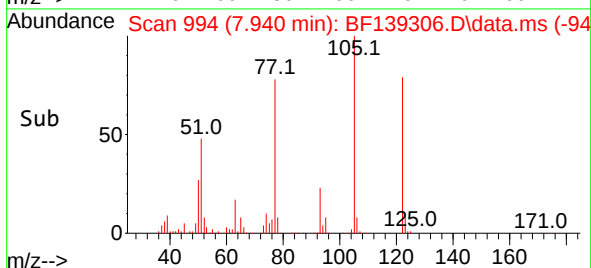
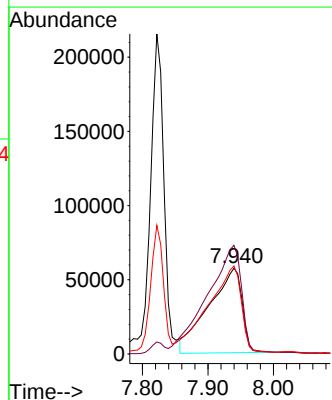
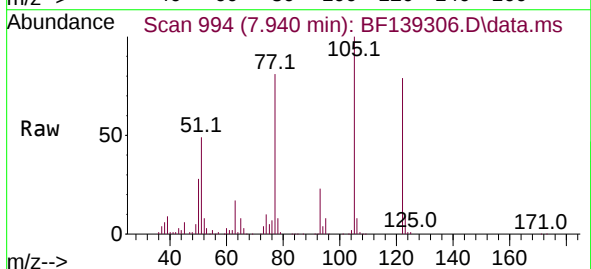
Manual Integrations
APPROVED

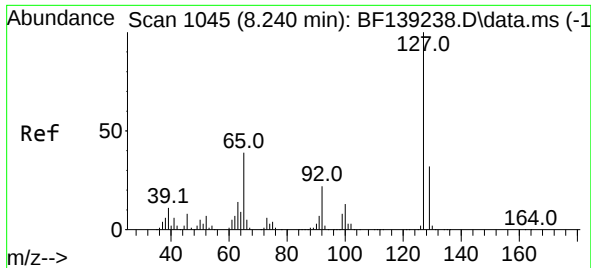
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#32
Benzoic acid
Concen: 43.601 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

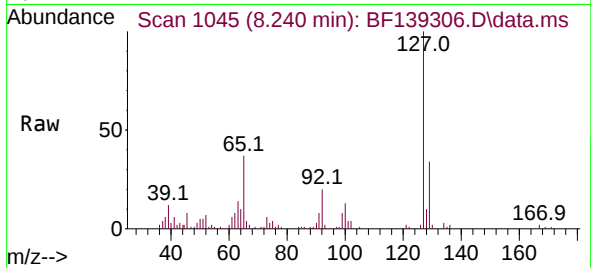
Tgt Ion:122 Resp: 200779
Ion Ratio Lower Upper
122 100
105 126.8 106.3 146.3
77 102.6 84.1 124.1





#33
4-Chloroaniline
Concen: 5.468 ng
RT: 8.240 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

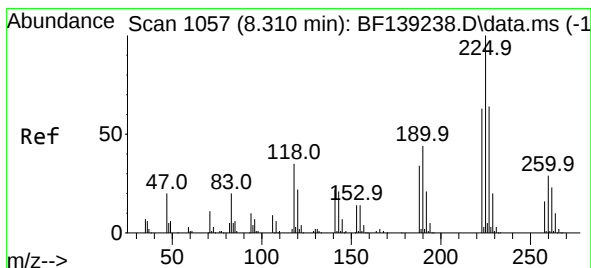
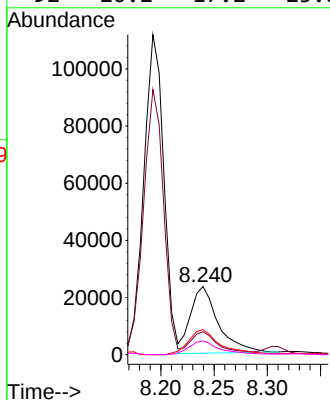
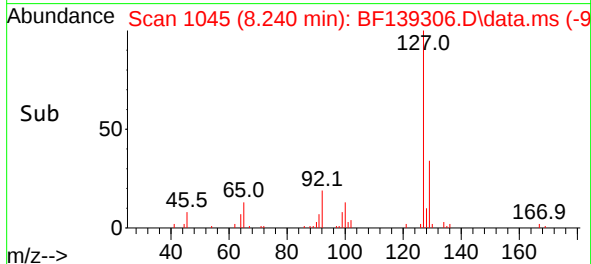
Instrument : BNA_F
ClientSampleId : WC-S-07-202409MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	36.9	30.6	45.8
92	20.2	17.2	25.8

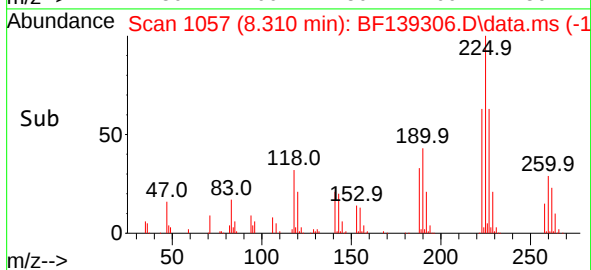
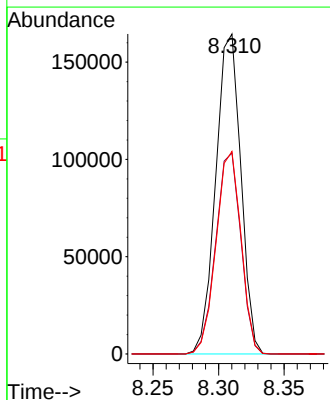
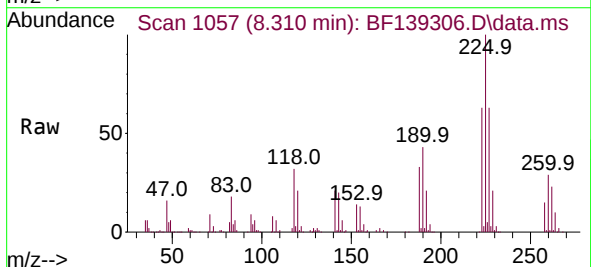
Manual Integrations
APPROVED

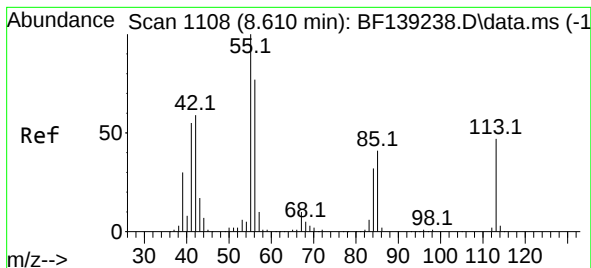
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#34
Hexachlorobutadiene
Concen: 49.962 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	63.3	51.5	77.3





#35

Caprolactam

Concen: 41.417 ng m

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

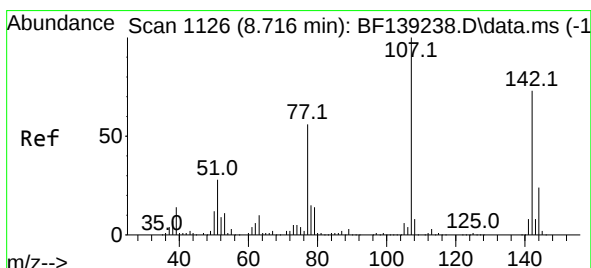
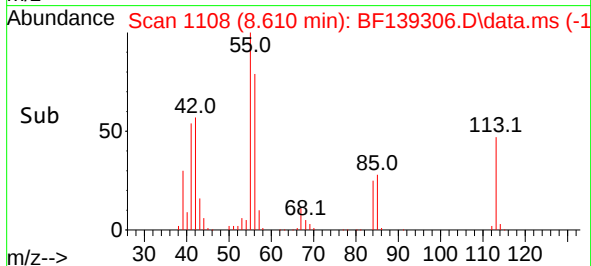
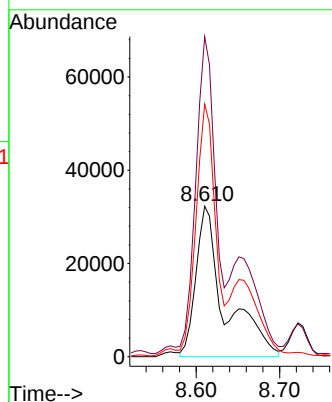
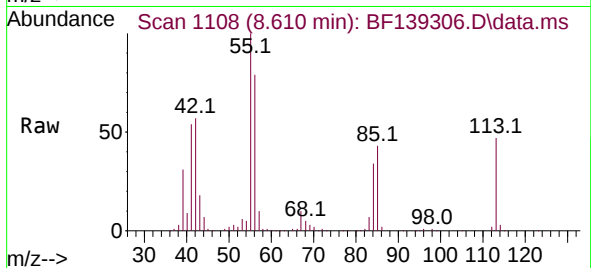
WC-S-07-202409MSD

Tgt Ion:113 Resp: 77615
 Ion Ratio Lower Upper
 113 100
 55 212.7 193.7 233.7
 56 167.9 145.0 185.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024



#36

4-Chloro-3-methylphenol

Concen: 52.033 ng

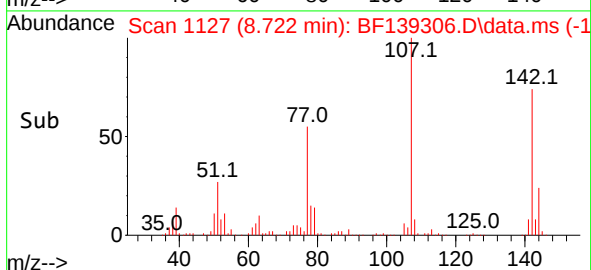
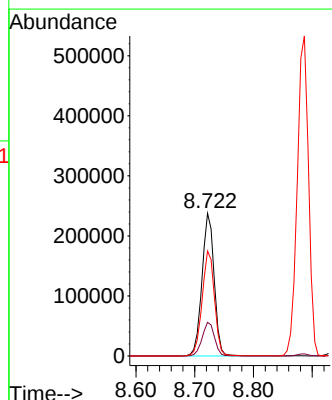
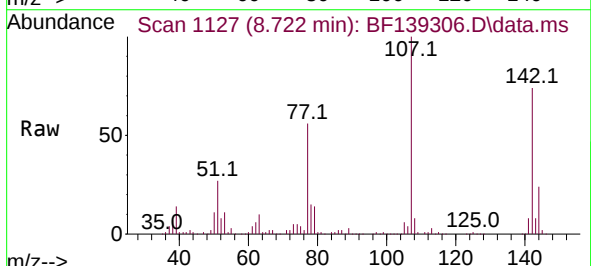
RT: 8.722 min Scan# 1127

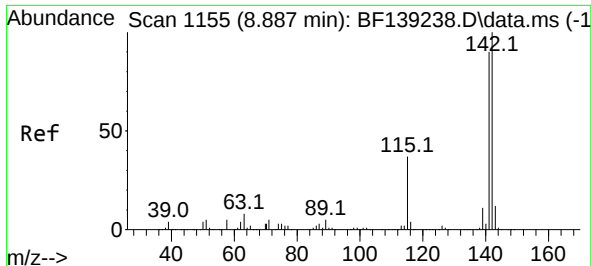
Delta R.T. 0.006 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

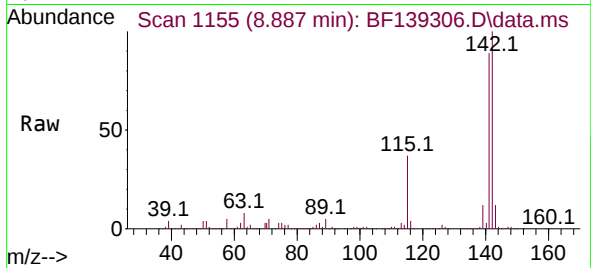
Tgt Ion:107 Resp: 343226
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.1 28.7
 142 73.5 58.3 87.5





#37
2-Methylnaphthalene
Concen: 50.700 ng
RT: 8.887 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

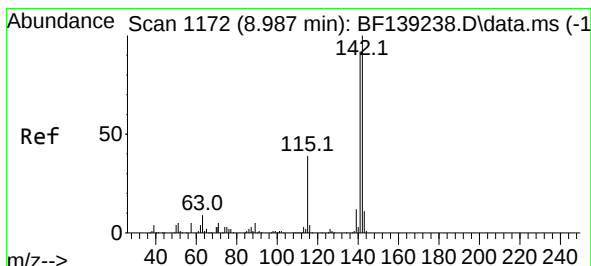
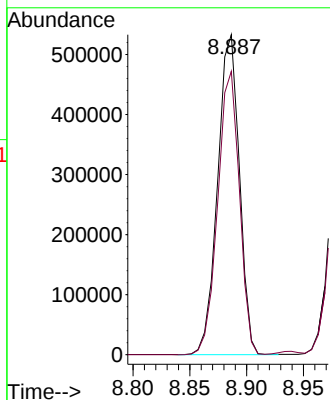
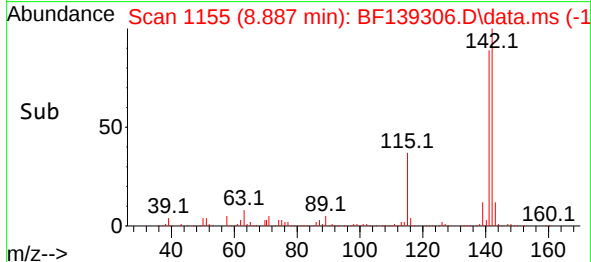
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:142 Resp: 71061
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4

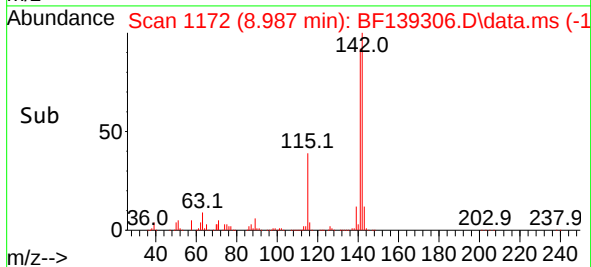
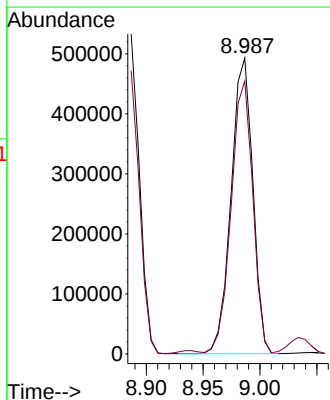
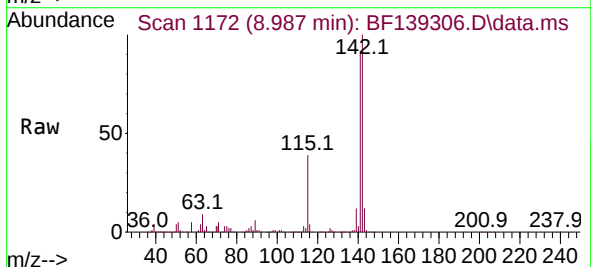
Manual Integrations
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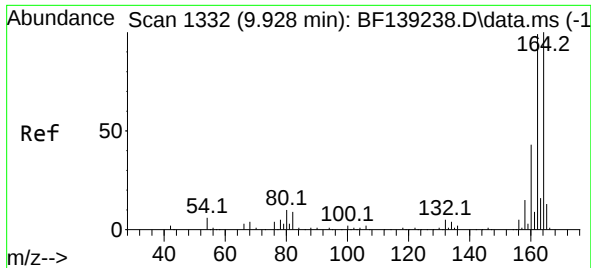
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#38
1-Methylnaphthalene
Concen: 47.522 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

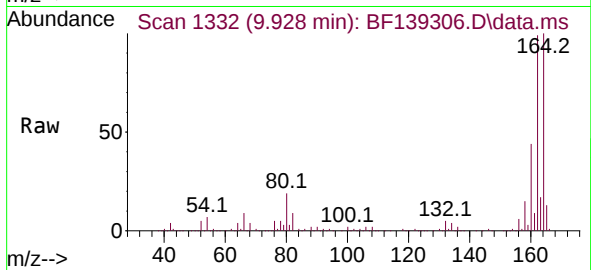
Tgt Ion:142 Resp: 655077
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11332
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

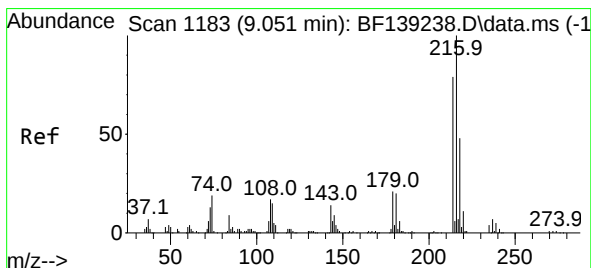
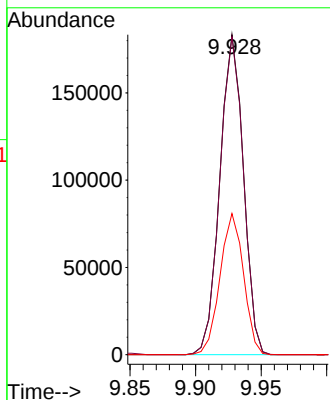
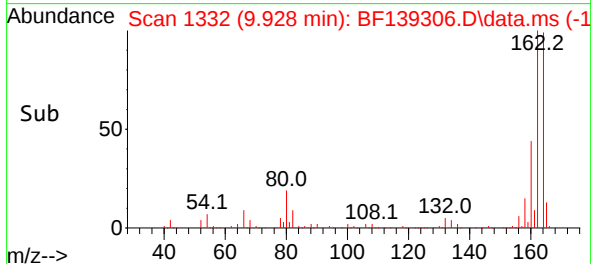
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



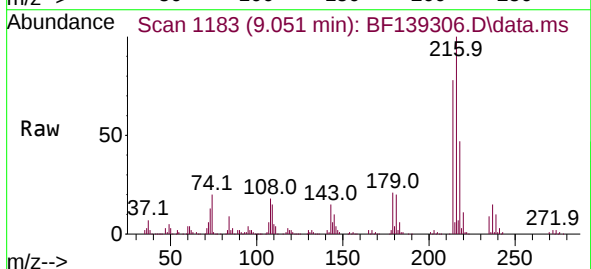
Tgt Ion:164 Resp: 229000
Ion Ratio Lower Upper
164 100
162 99.3 79.2 118.8
160 44.1 34.2 51.2

Manual Integrations
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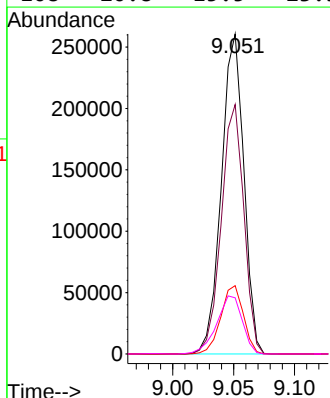
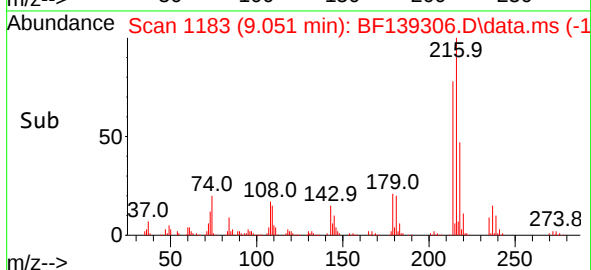
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

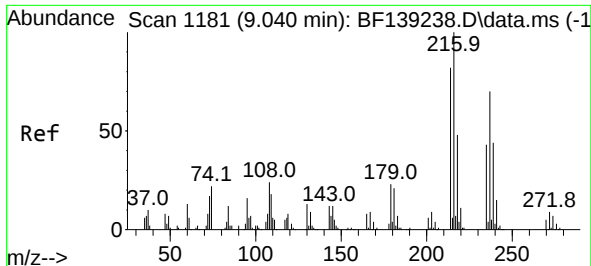


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.609 ng
RT: 9.051 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



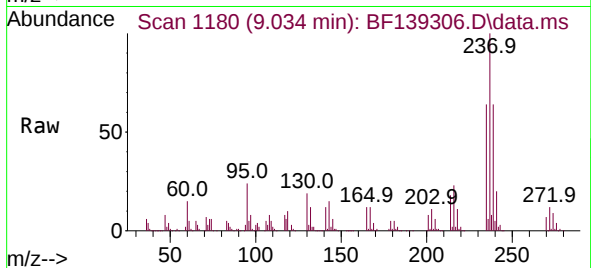
Tgt Ion:216 Resp: 334387
Ion Ratio Lower Upper
216 100
214 78.2 63.8 95.8
179 21.5 16.9 25.3
108 20.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 144.834 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

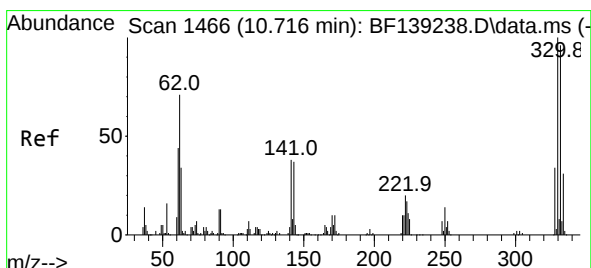
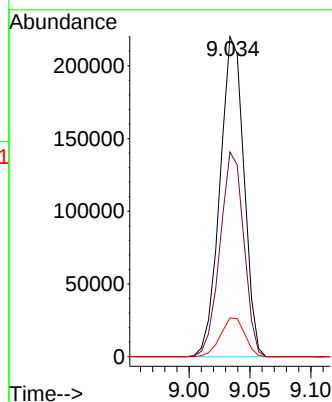
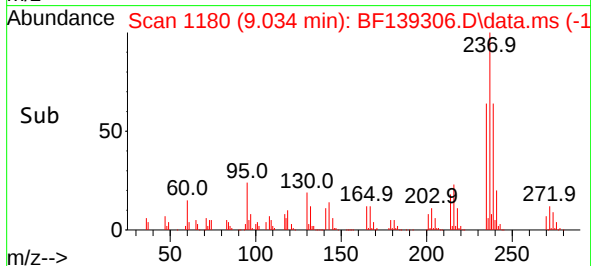
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



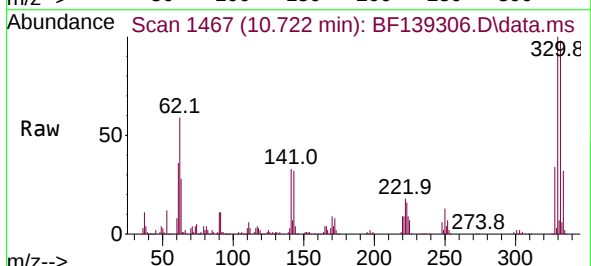
Tgt Ion: 237 Resp: 30158
Ion Ratio Lower Upper
237 100
235 63.9 41.4 81.4
272 12.1 0.0 32.2

Manual Integrations
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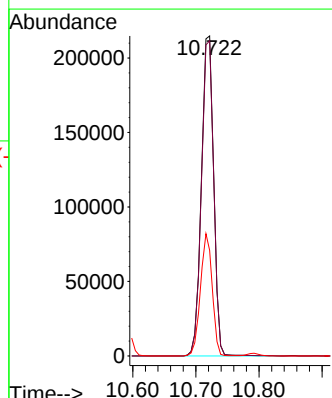
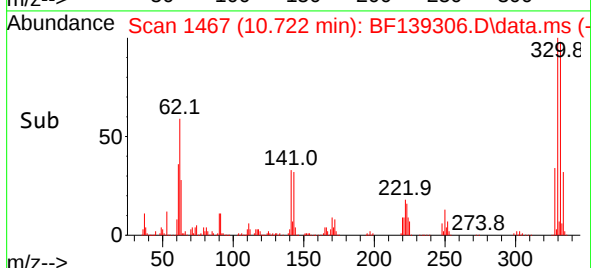
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

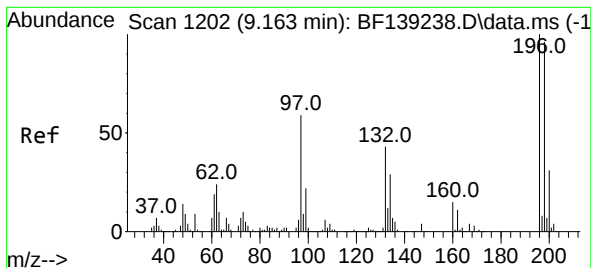


#42
2,4,6-Tribromophenol
Concen: 146.340 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



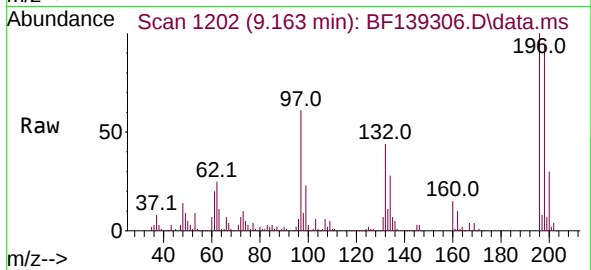
Tgt Ion: 330 Resp: 289388
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 36.7 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 54.845 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

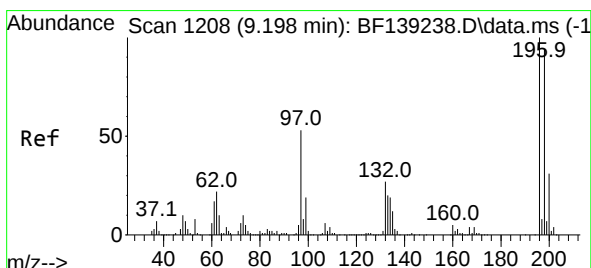
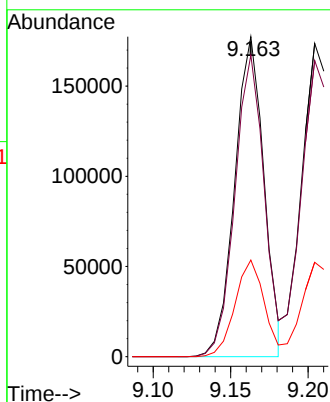
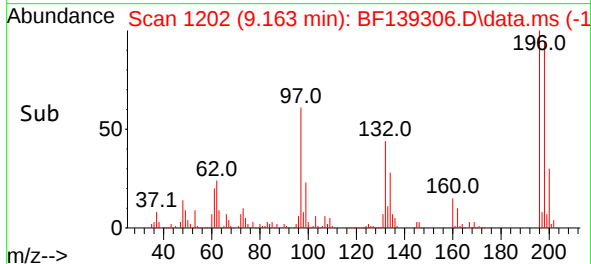
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



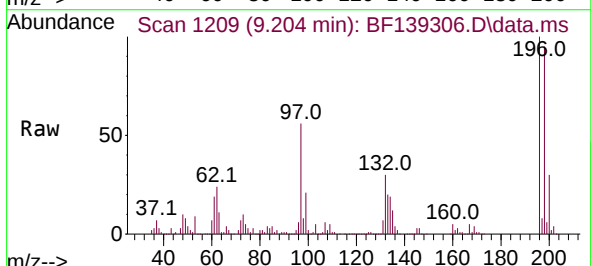
Tgt Ion:196 Resp: 23250
Ion Ratio Lower Upper
196 100
198 94.2 77.0 115.4
200 30.2 24.7 37.1

Manual Integrations
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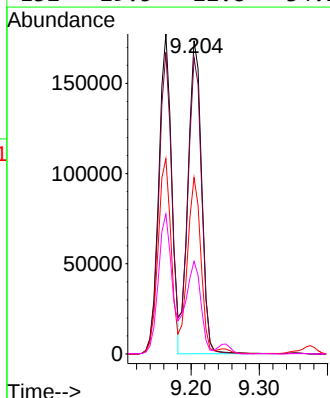
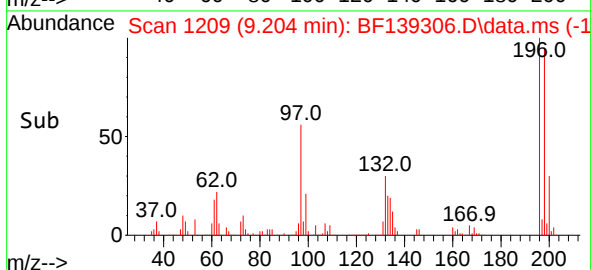
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

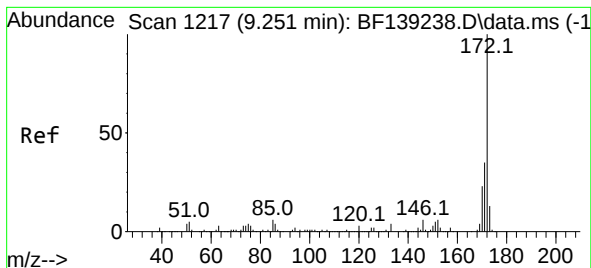


#44
2,4,5-Trichlorophenol
Concen: 53.749 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



Tgt Ion:196 Resp: 238772
Ion Ratio Lower Upper
196 100
198 94.5 75.6 113.4
97 56.3 43.6 65.4
132 29.5 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 102.072 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409MSD

Tgt Ion:172 Resp: 1514279

Ion Ratio Lower Upper

172 100

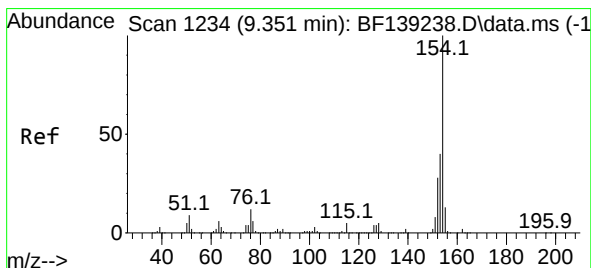
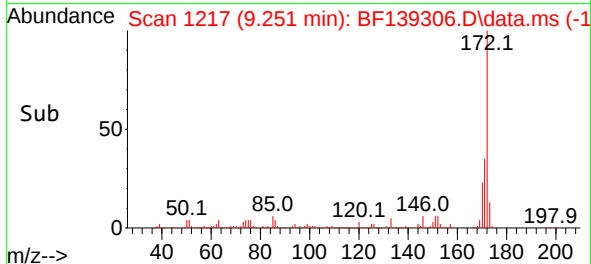
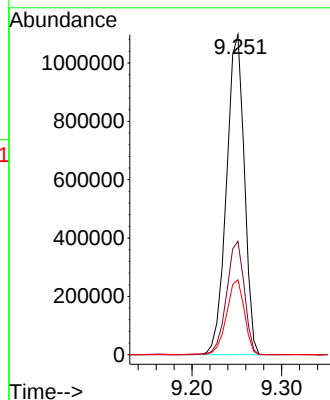
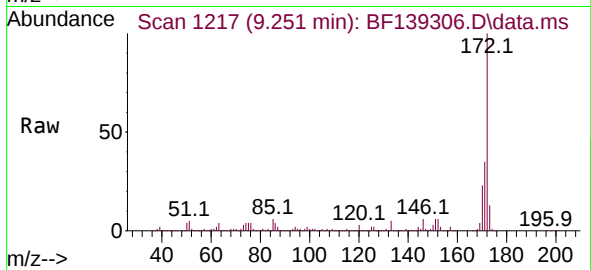
171 35.4 28.3 42.5

170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#46

1,1'-Biphenyl

Concen: 51.630 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

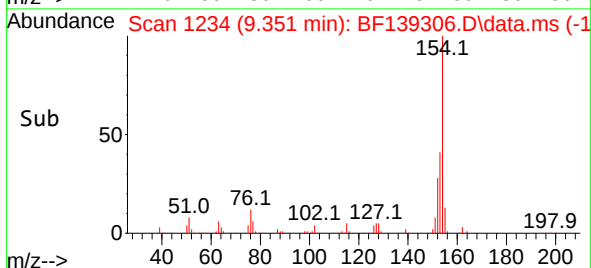
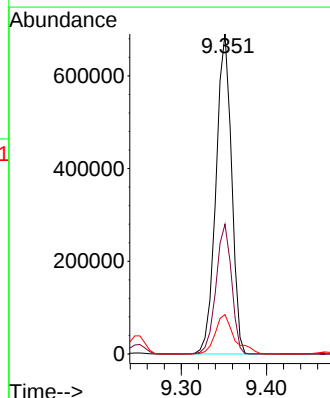
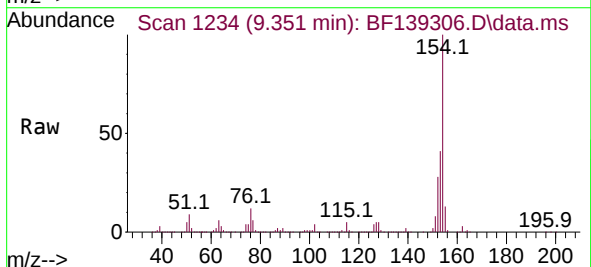
Tgt Ion:154 Resp: 876019

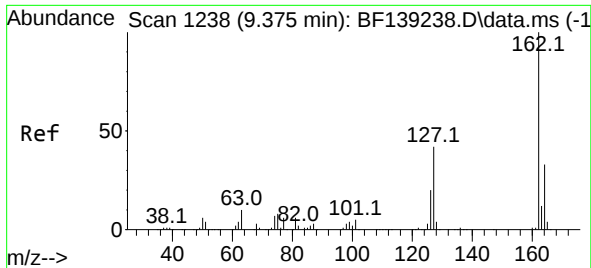
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 12.3 0.0 32.3





#47

2-Chloronaphthalene

Concen: 50.989 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409MSD

Tgt Ion:162 Resp: 65325

Ion Ratio Lower Upper

162 100

127 42.5 34.2 51.4

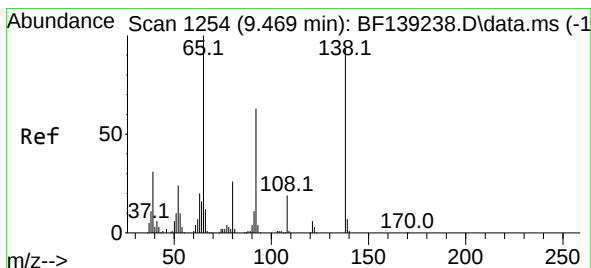
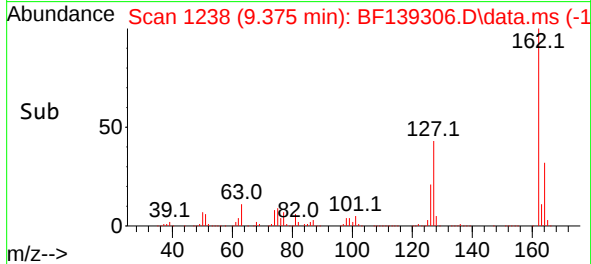
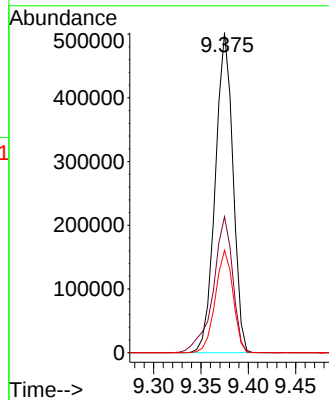
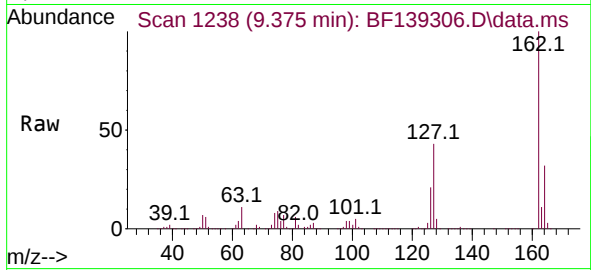
164 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024

Supervised By :mohammad ahmed 09/12/2024



#48

2-Nitroaniline

Concen: 54.543 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

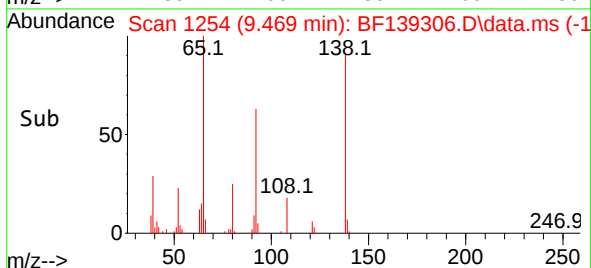
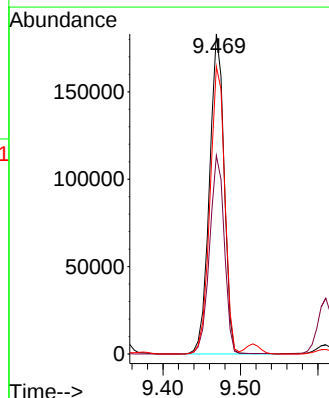
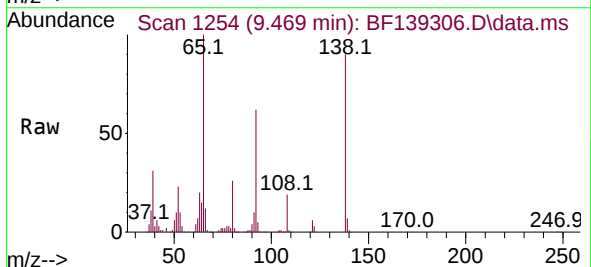
Tgt Ion: 65 Resp: 240689

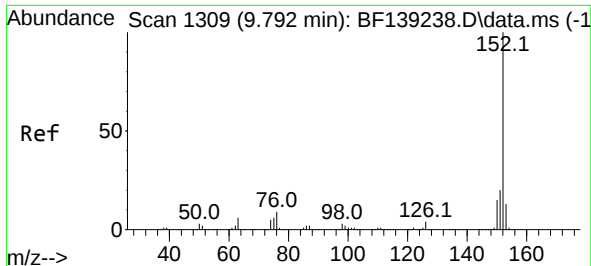
Ion Ratio Lower Upper

65 100

92 62.0 50.4 75.6

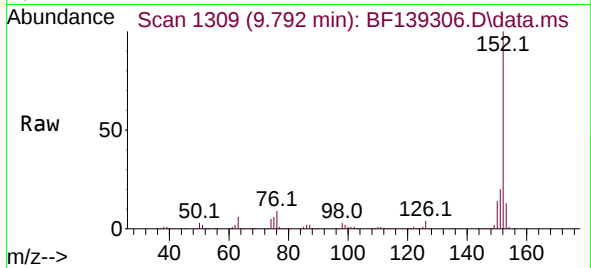
138 89.9 74.2 111.4





#49
Acenaphthylene
Concen: 54.369 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

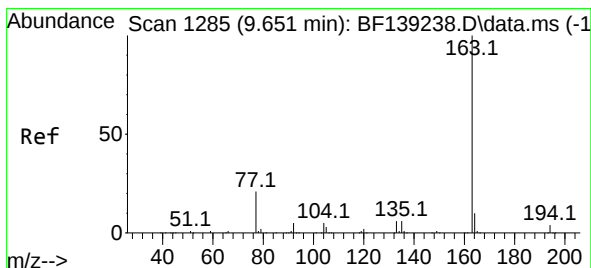
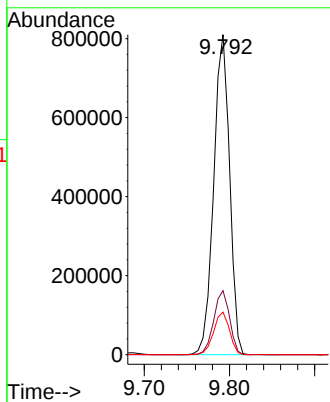
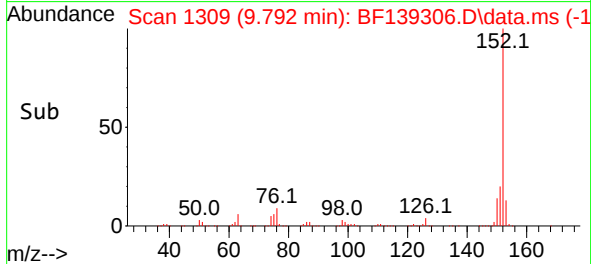
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



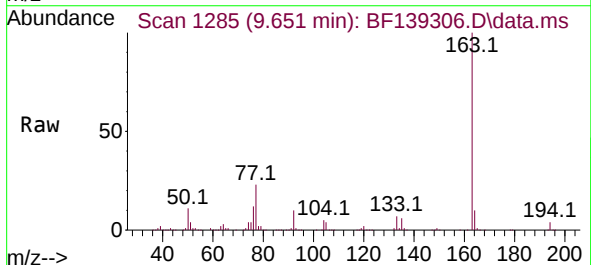
Tgt Ion:152 Resp: 1049120
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.4 15.6

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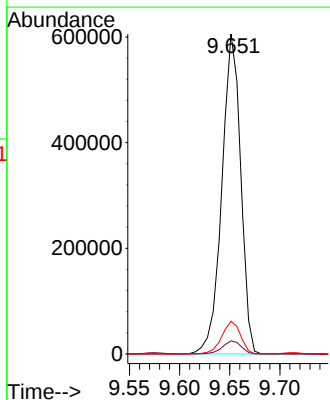
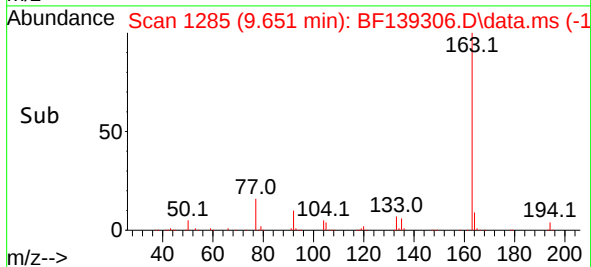
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

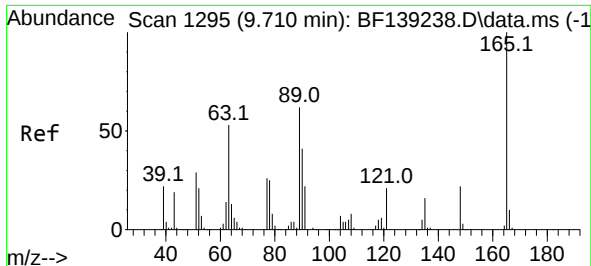


#50
Dimethylphthalate
Concen: 56.895 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



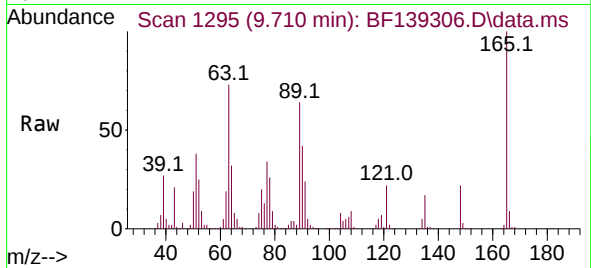
Tgt Ion:163 Resp: 789707
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.050 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

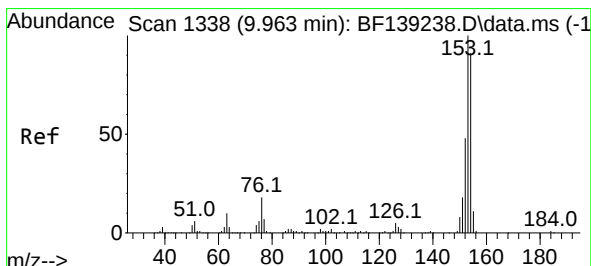
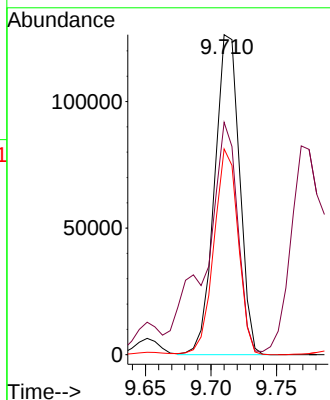
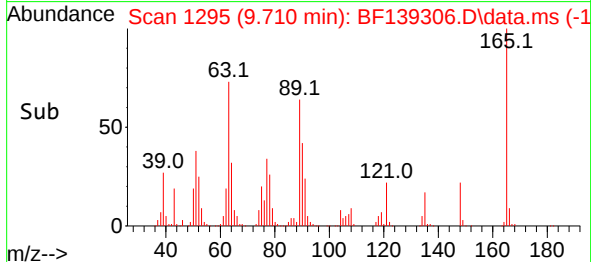
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



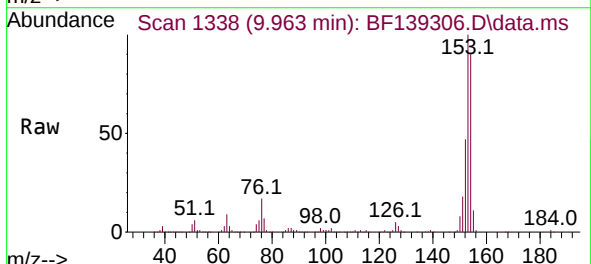
Tgt Ion:165 Resp: 167048
Ion Ratio Lower Upper
165 100
63 72.6 56.1 84.1
89 64.3 49.7 74.5

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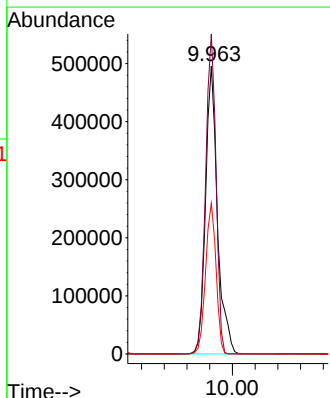
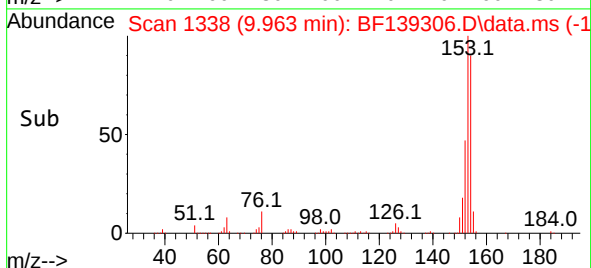
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

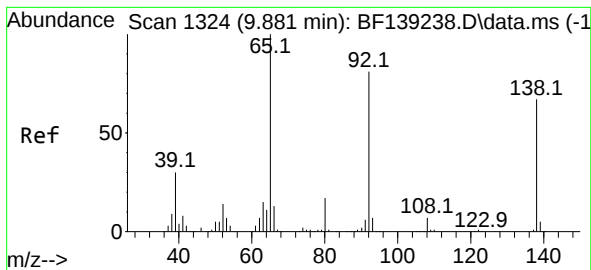


#52
Acenaphthene
Concen: 56.128 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



Tgt Ion:154 Resp: 718348
Ion Ratio Lower Upper
154 100
153 111.2 87.8 131.6
152 52.4 41.7 62.5





#53

3-Nitroaniline

Concen: 27.740 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

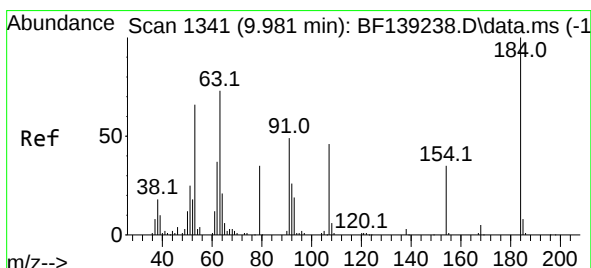
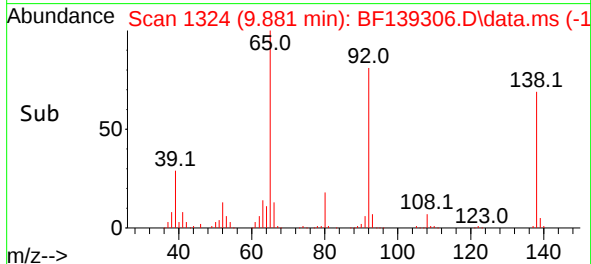
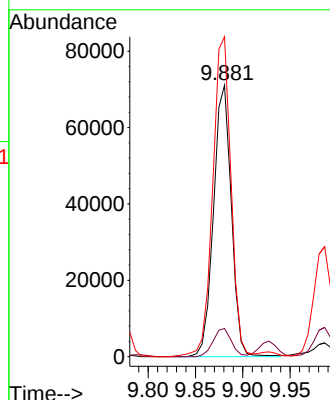
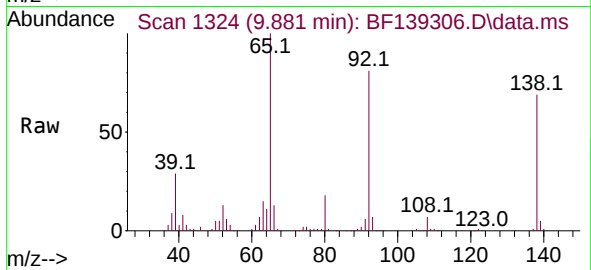
WC-S-07-202409MSD

Tgt Ion:138	Resp:	9306
Ion Ratio	Lower	Upper
138	100	
108	10.4	8.6 13.0
92	117.8	96.4 144.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#54

2,4-Dinitrophenol

Concen: 86.405 ng

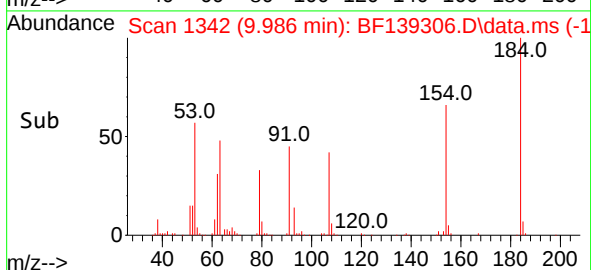
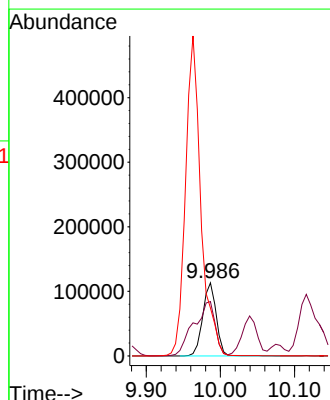
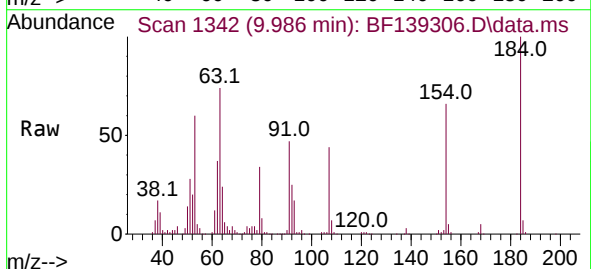
RT: 9.986 min Scan# 1342

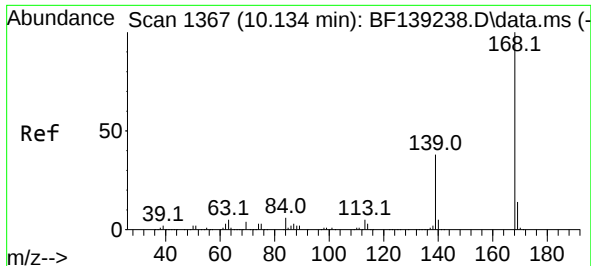
Delta R.T. 0.005 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

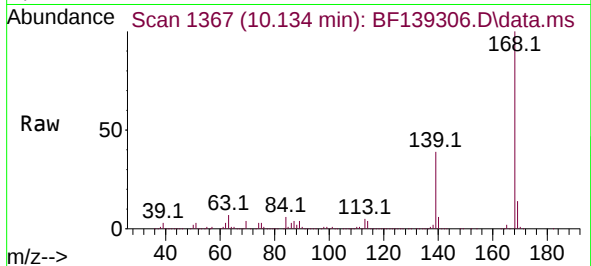
Tgt Ion:184	Resp:	143647
Ion Ratio	Lower	Upper
184	100	
63	74.4	66.4 99.6
154	65.7	97.0 145.6#





#55
Dibenzofuran
Concen: 51.954 ng
RT: 10.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

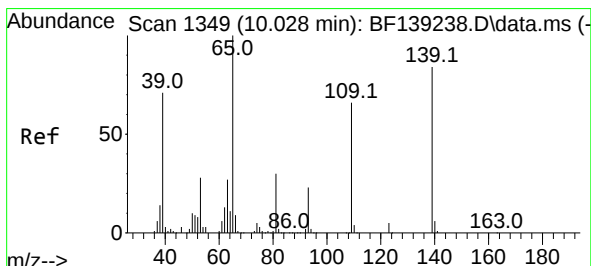
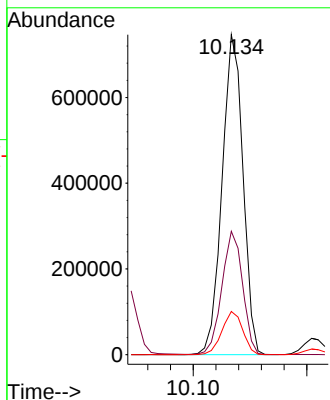
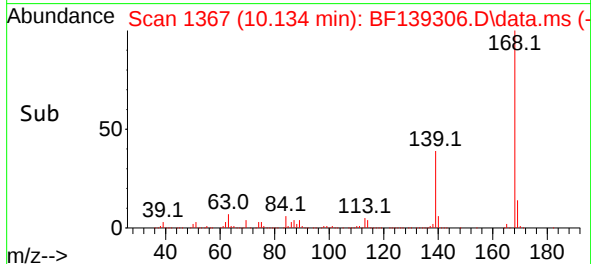
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:168 Resp: 95331
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.4
169 13.5 10.8 16.2

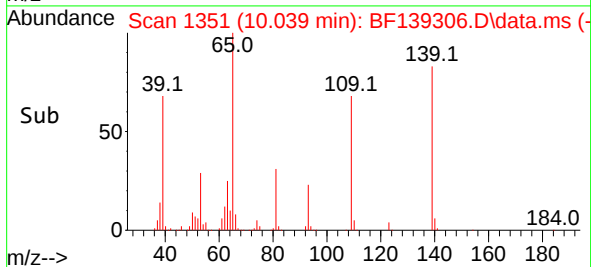
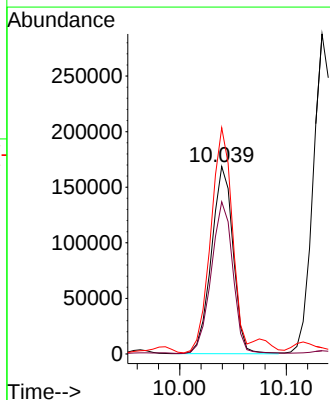
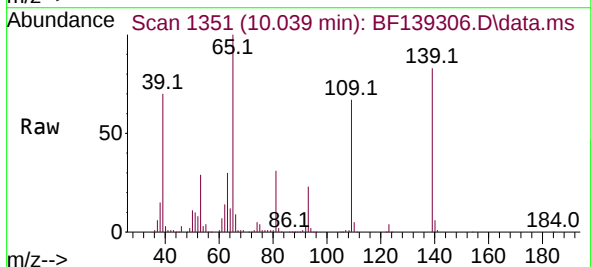
Manual Integrations
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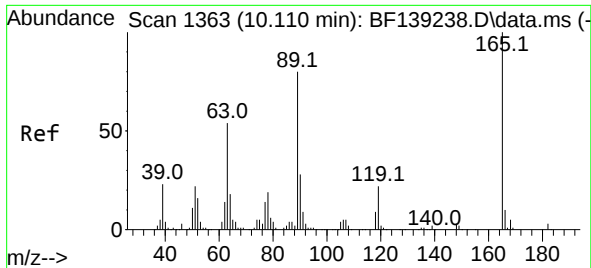
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#56
4-Nitrophenol
Concen: 95.841 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

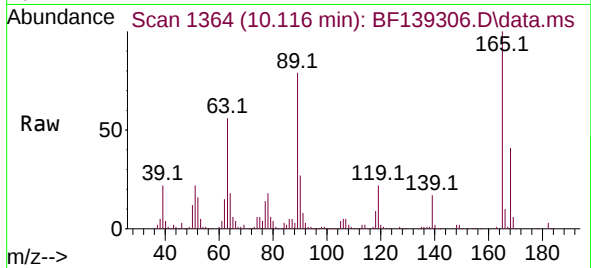
Tgt Ion:139 Resp: 237324
Ion Ratio Lower Upper
139 100
109 81.1 58.7 98.7
65 120.7 100.3 140.3





#57
2,4-Dinitrotoluene
Concen: 54.294 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

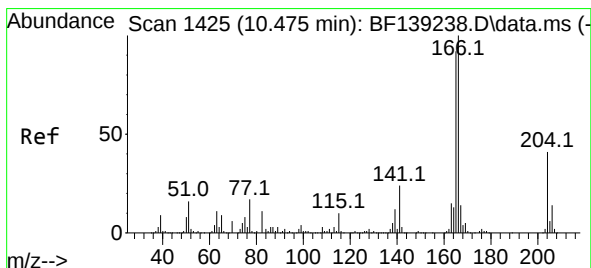
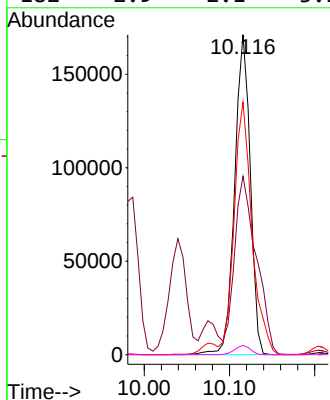
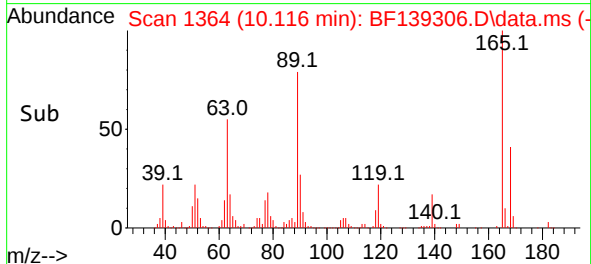
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:165 Resp: 21760
Ion Ratio Lower Upper
165 100
63 55.7 43.4 65.0
89 78.9 64.2 96.4
182 2.9 2.1 3.1

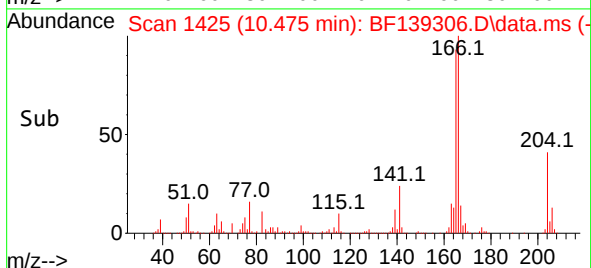
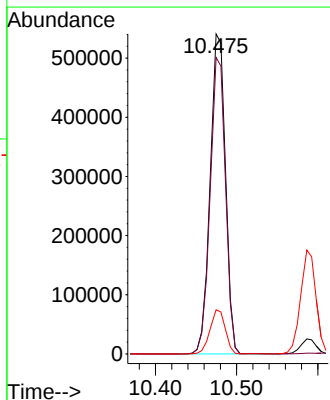
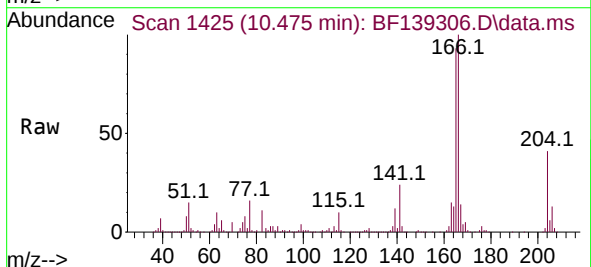
Manual Integrations
APPROVED

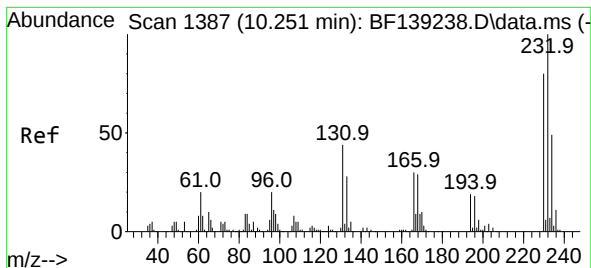
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#58
Fluorene
Concen: 49.783 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

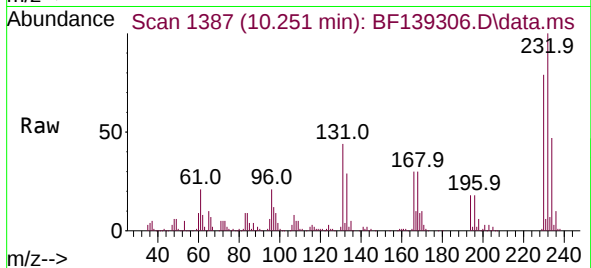
Tgt Ion:166 Resp: 708239
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.858 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

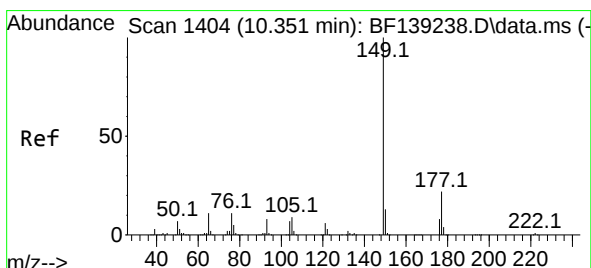
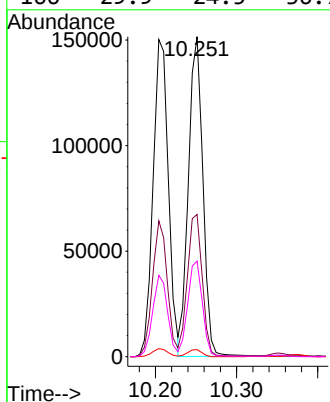
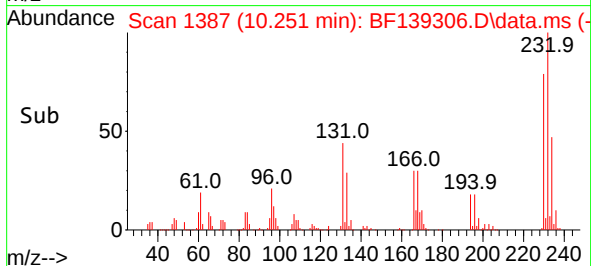
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion:232 Resp: 188331
Ion Ratio Lower Upper
232 100
131 45.9 37.7 56.5
130 2.2 1.9 2.9
166 29.9 24.5 36.7

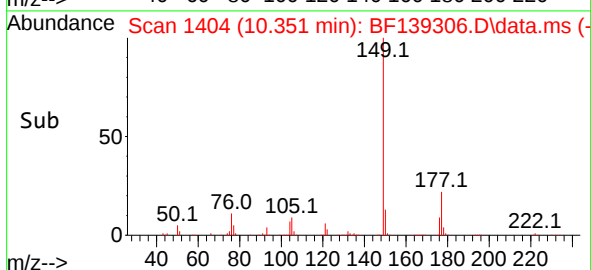
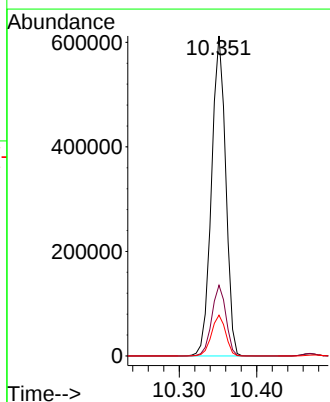
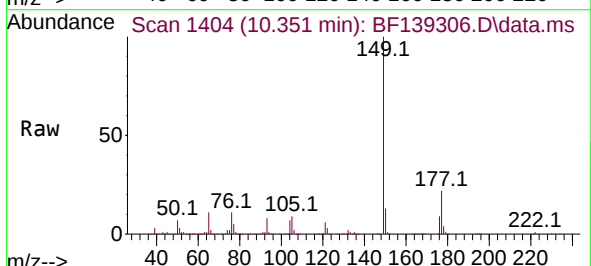
Manual Integrations
APPROVED

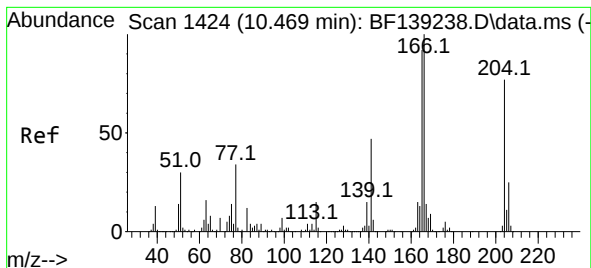
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#60
Diethylphthalate
Concen: 56.947 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

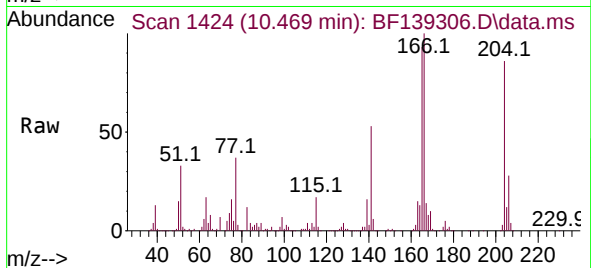
Tgt Ion:149 Resp: 777861
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.152 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

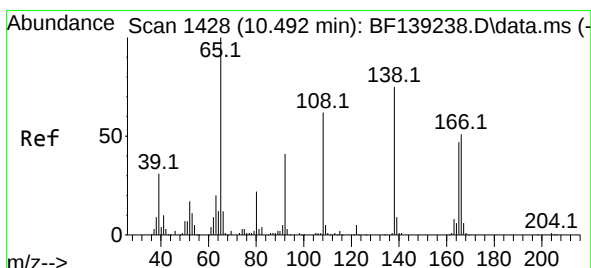
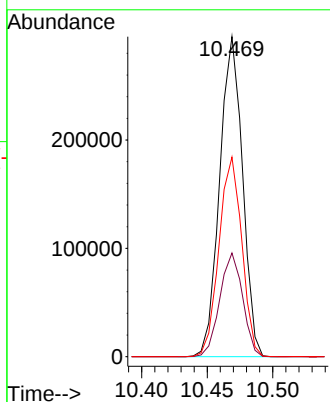
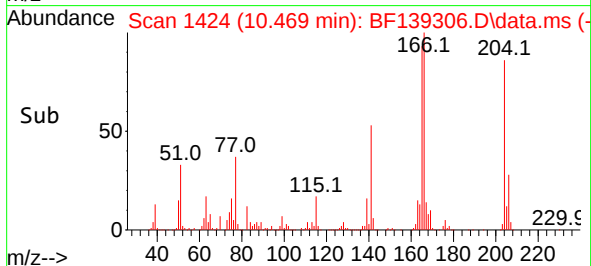
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



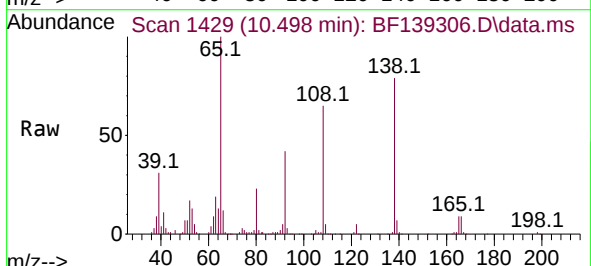
Tgt Ion:204 Resp: 357798
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 62.3 48.6 72.8

Manual Integrations
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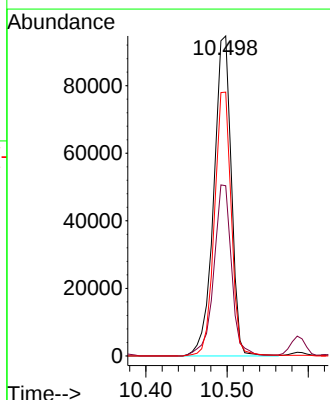
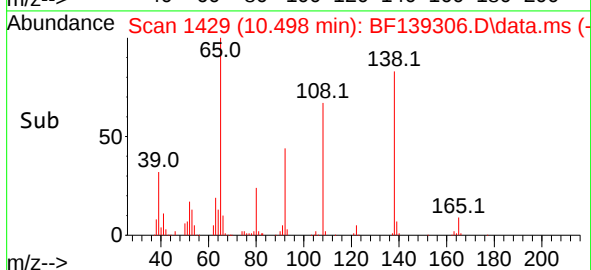
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

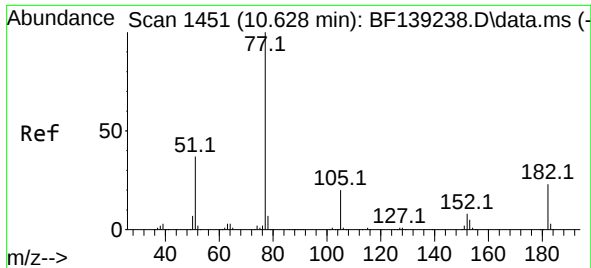


#62
4-Nitroaniline
Concen: 44.679 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



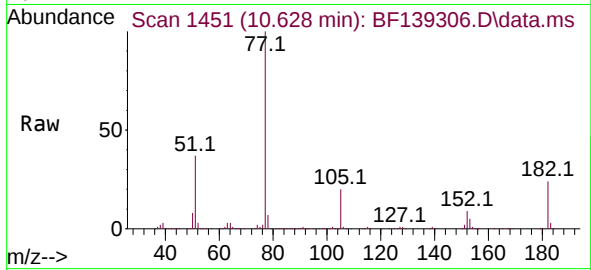
Tgt Ion:138 Resp: 142682
Ion Ratio Lower Upper
138 100
92 53.2 34.4 74.4
108 82.5 62.7 102.7





#63
Azobenzene
Concen: 52.196 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

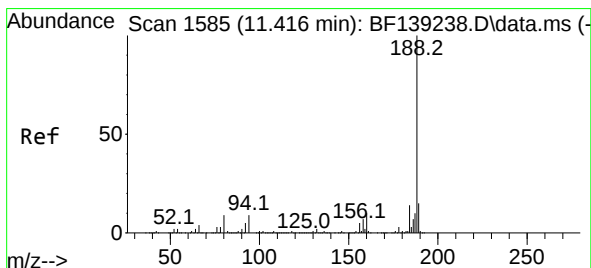
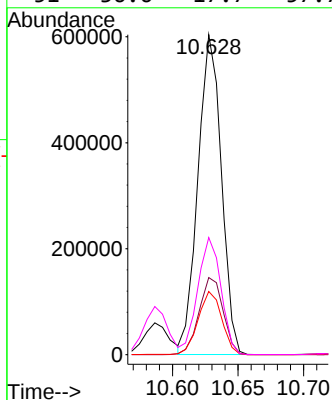
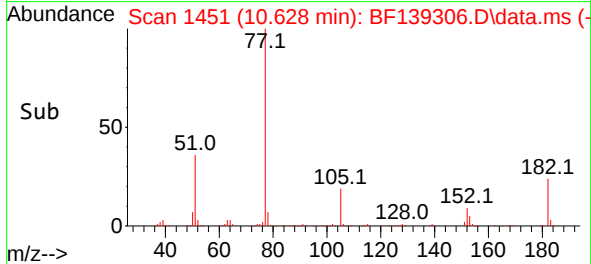
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



Tgt Ion: 77 Resp: 75144
Ion Ratio Lower Upper
77 100
182 24.1 3.0 43.0
105 19.8 0.0 39.4
51 36.6 17.7 57.7

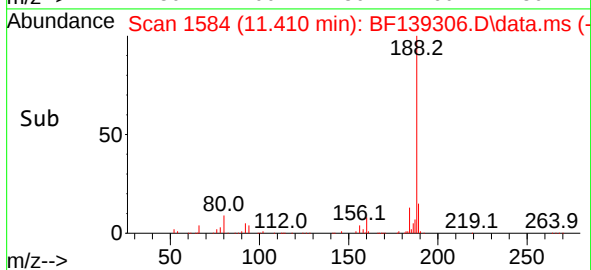
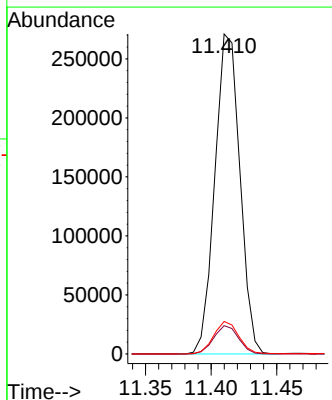
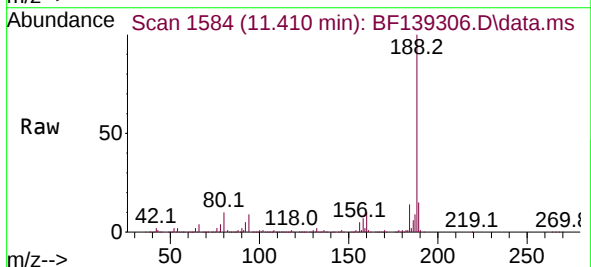
Manual Integrations
APPROVED

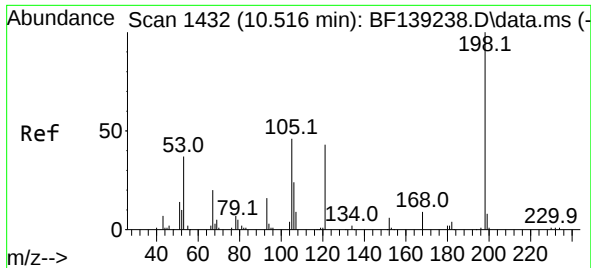
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Tgt Ion:188 Resp: 360028
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.1 7.3 10.9





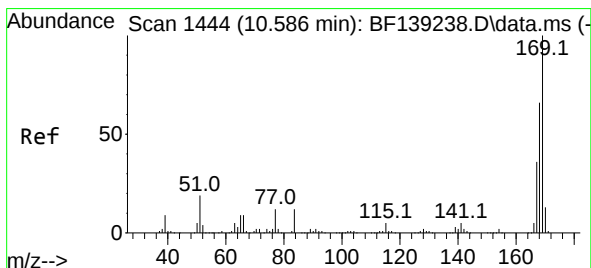
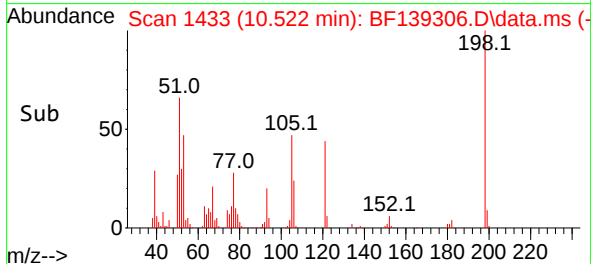
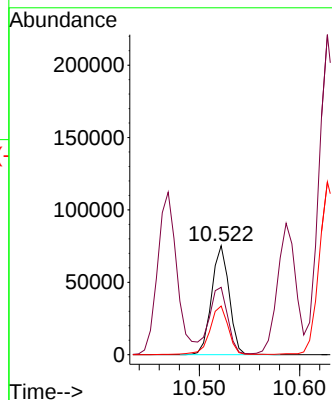
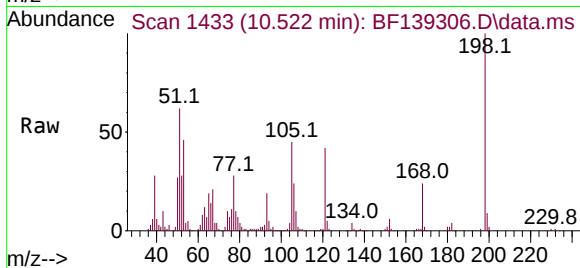
#65
4,6-Dinitro-2-methylphenol
Concen: 54.804 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD

Tgt Ion:198 Resp: 91168
Ion Ratio Lower Upper
198 100
51 61.8 47.2 87.2
105 44.6 27.1 67.1

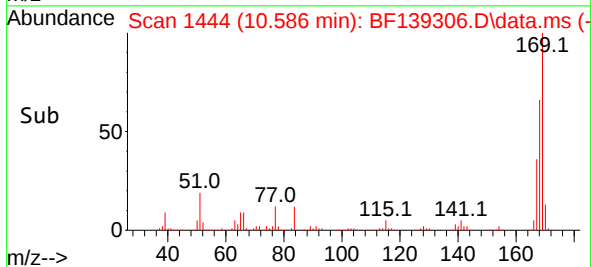
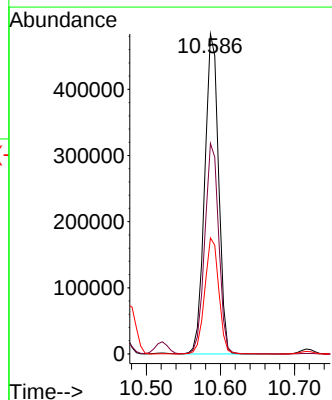
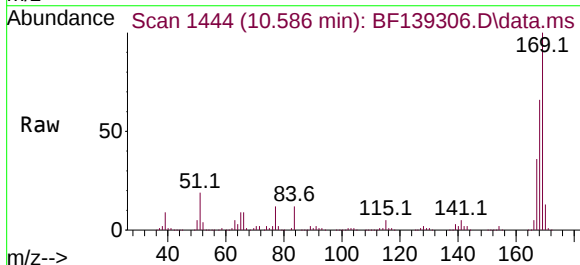
Manual Integrations
APPROVED

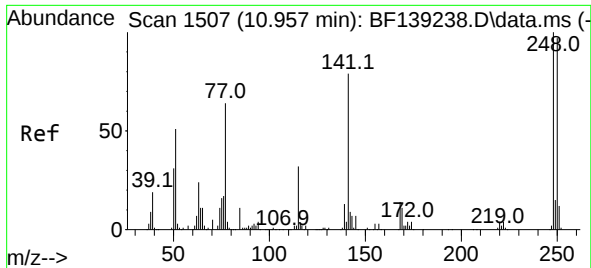
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#66
n-Nitrosodiphenylamine
Concen: 59.989 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

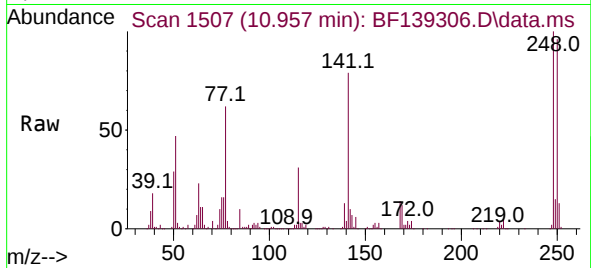
Tgt Ion:169 Resp: 628681
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 59.411 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

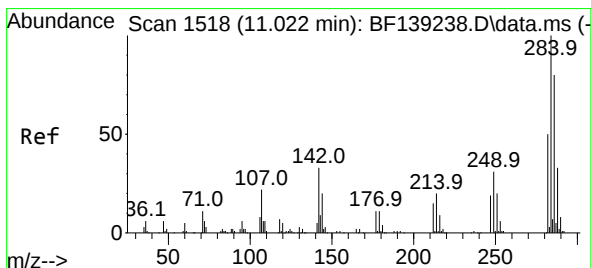
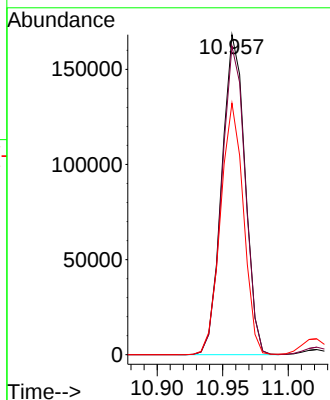
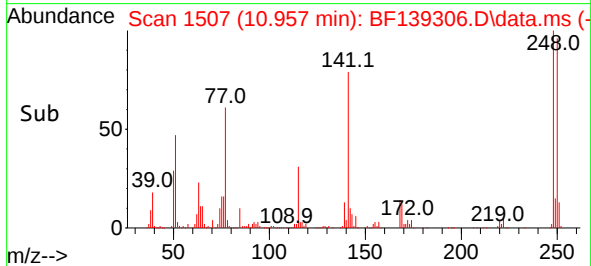
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



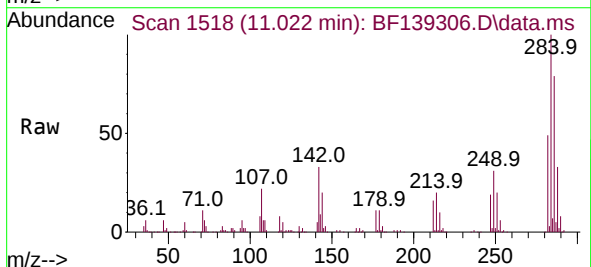
Tgt Ion:248 Resp: 20753
Ion Ratio Lower Upper
248 100
250 96.4 77.2 115.8
141 78.6 63.6 95.4

Manual Integrations
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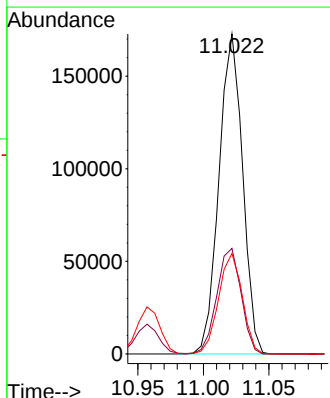
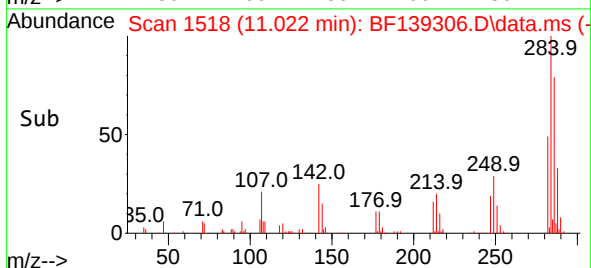
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

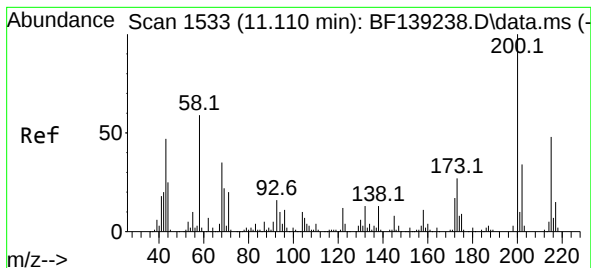


#68
Hexachlorobenzene
Concen: 54.105 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



Tgt Ion:284 Resp: 216357
Ion Ratio Lower Upper
284 100
142 33.0 26.5 39.7
249 31.4 24.8 37.2





#69

Atrazine

Concen: 79.684 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409MSD

Tgt Ion:200 Resp: 192664

Ion Ratio Lower Upper

200 100

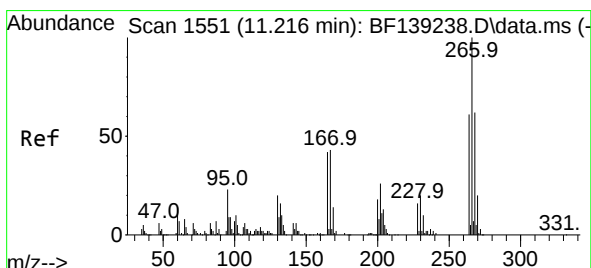
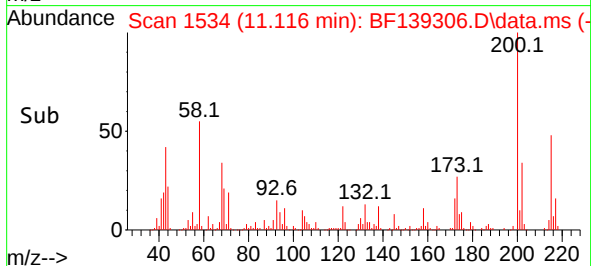
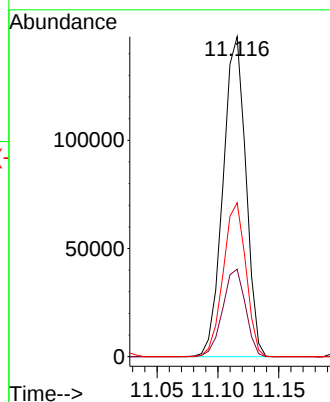
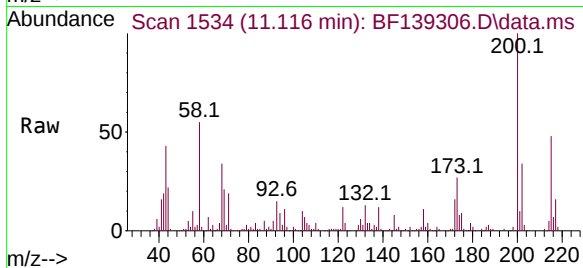
173 27.3 7.1 47.1

215 48.1 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#70

Pentachlorophenol

Concen: 104.447 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

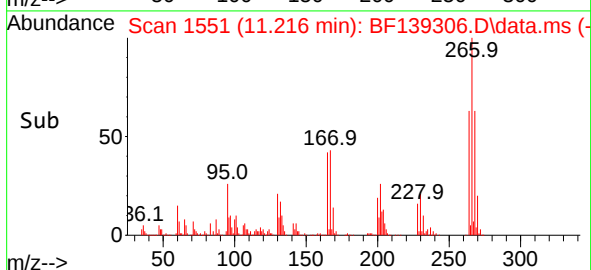
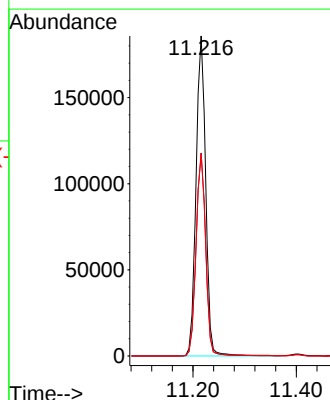
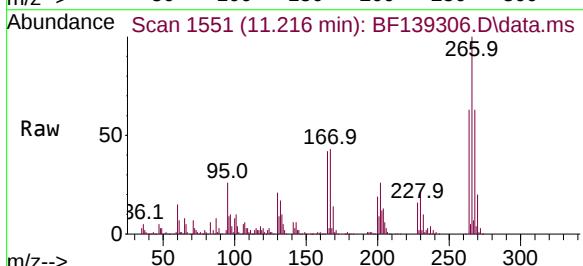
Tgt Ion:266 Resp: 241266

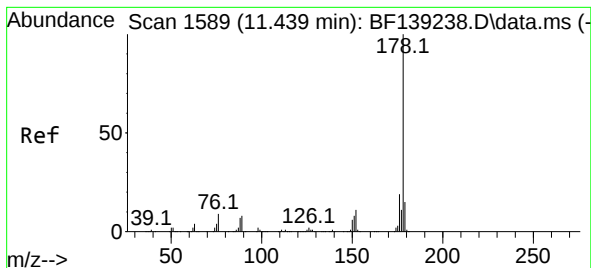
Ion Ratio Lower Upper

266 100

268 63.4 49.7 74.5

264 63.0 49.2 73.8





#71

Phenanthrene

Concen: 53.284 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

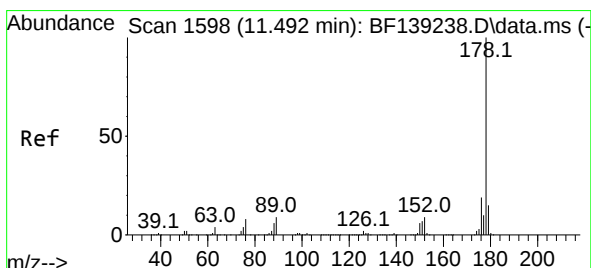
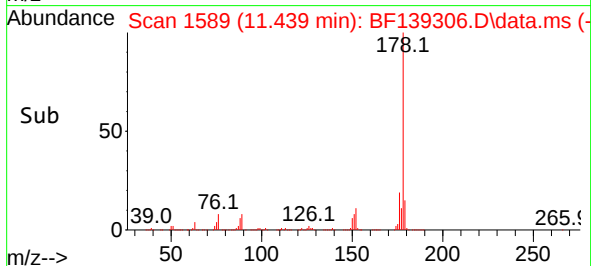
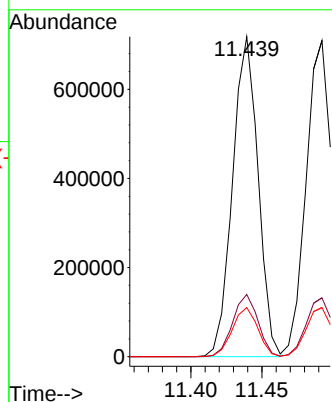
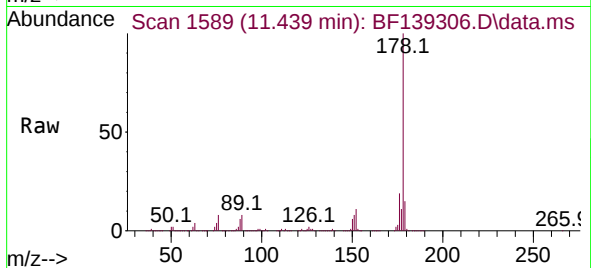
WC-S-07-202409MSD

Tgt Ion:178 Resp: 896190
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.3 12.3 18.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024



#72

Anthracene

Concen: 54.788 ng

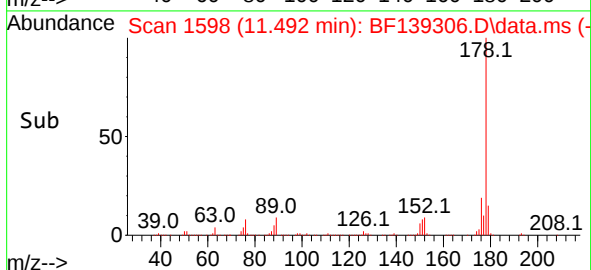
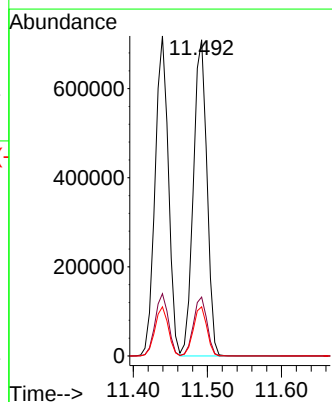
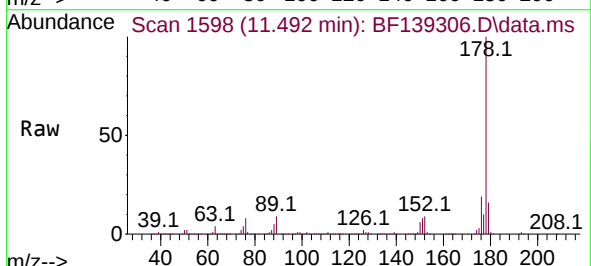
RT: 11.492 min Scan# 1598

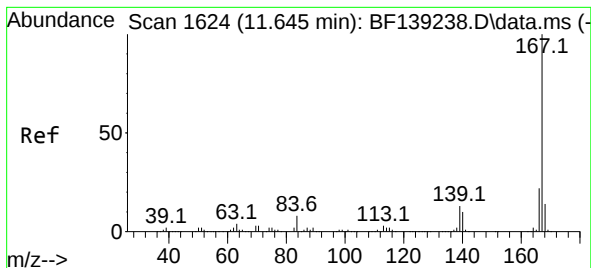
Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Tgt Ion:178 Resp: 900157
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.5 12.3 18.5





#73

Carbazole

Concen: 50.675 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139306.D

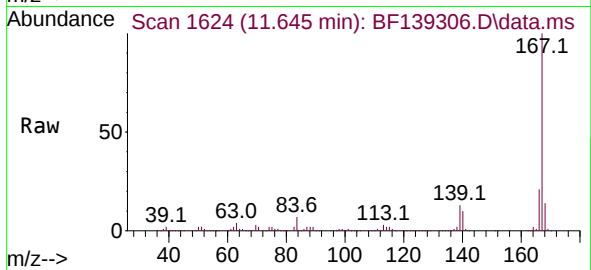
Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409MSD



Tgt Ion:167 Resp: 778164

Ion Ratio Lower Upper

167 100

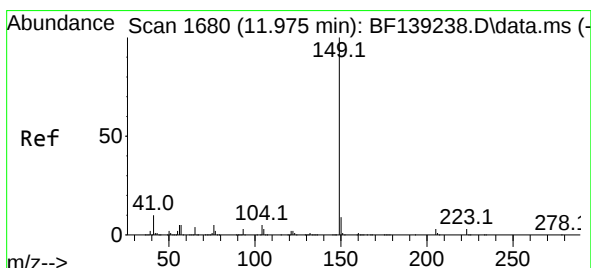
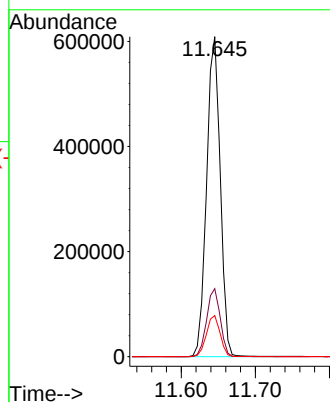
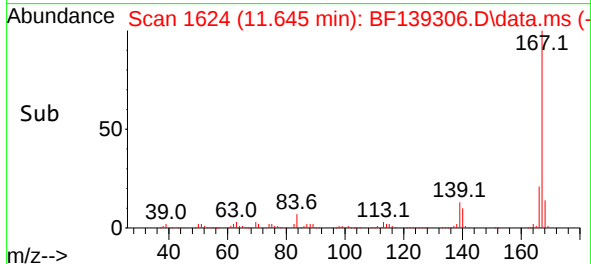
166 21.3 17.2 25.8

139 12.9 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#74

Di-n-butylphthalate

Concen: 66.665 ng

RT: 11.975 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

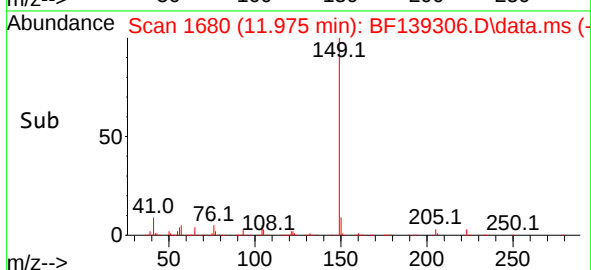
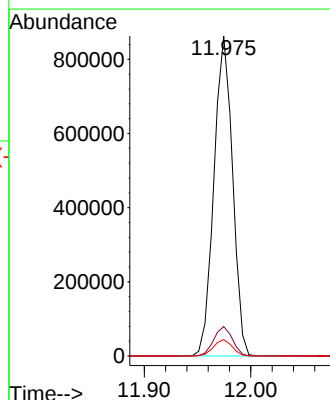
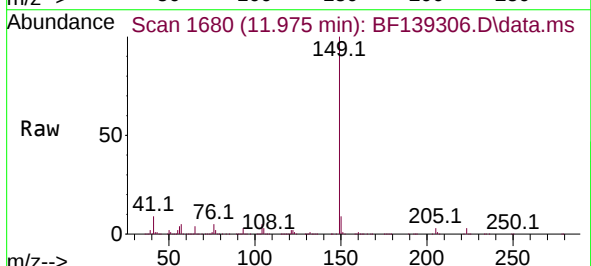
Tgt Ion:149 Resp: 1048182

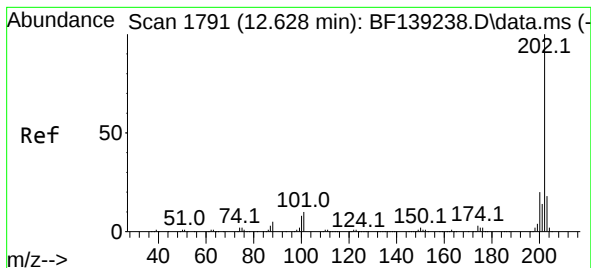
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 50.238 ng

RT: 12.627 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

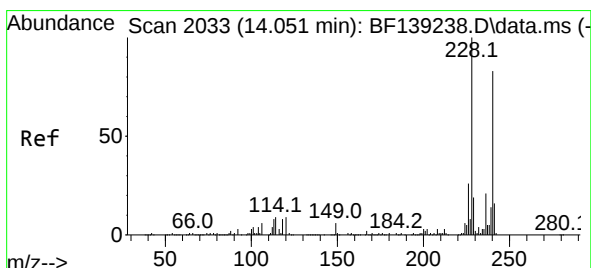
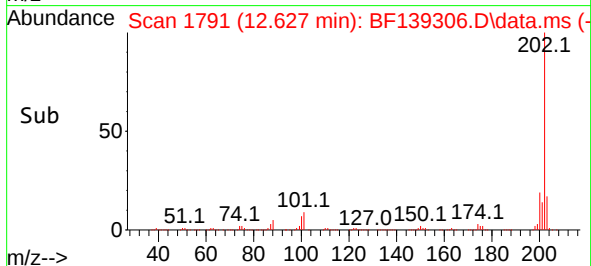
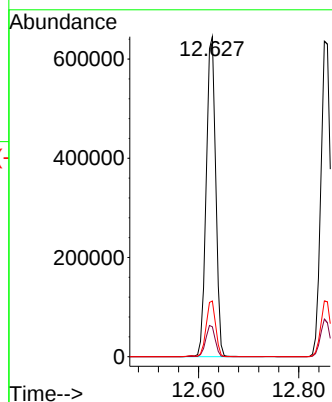
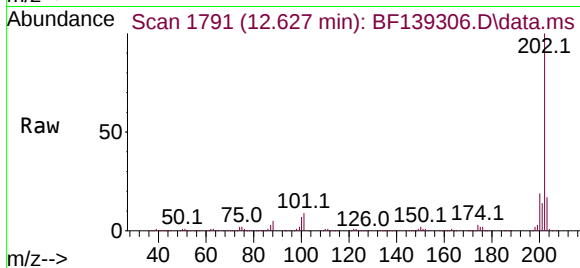
WC-S-07-202409MSD

Tgt Ion:	202	Resp:	847108
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.9
203	17.4	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#76

Chrysene-d12

Concen: 20.000 ng

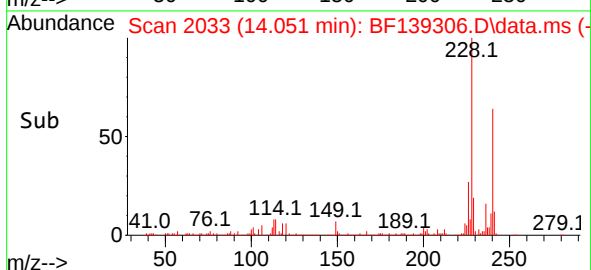
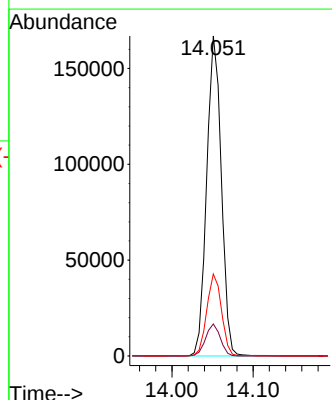
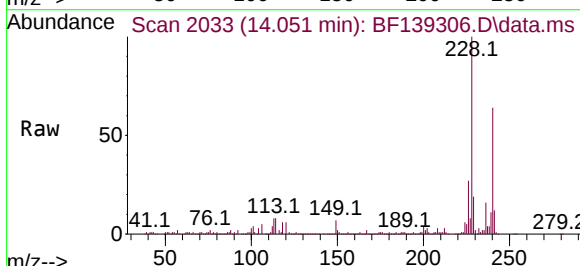
RT: 14.051 min Scan# 2033

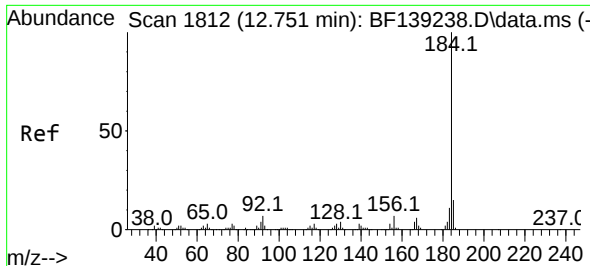
Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

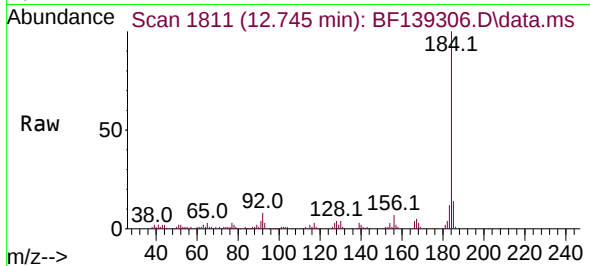
Tgt Ion:	240	Resp:	208038
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.6	12.8
236	25.6	20.7	31.1





#77
Benzidine
Concen: 21.178 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

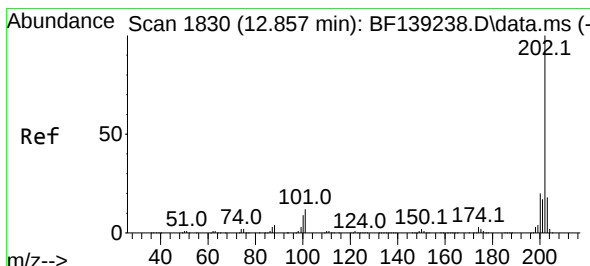
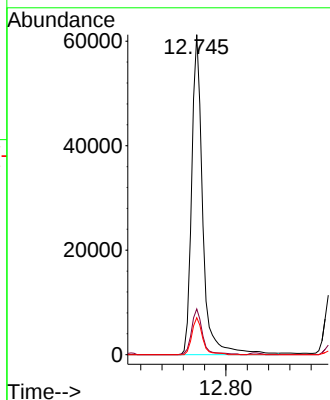
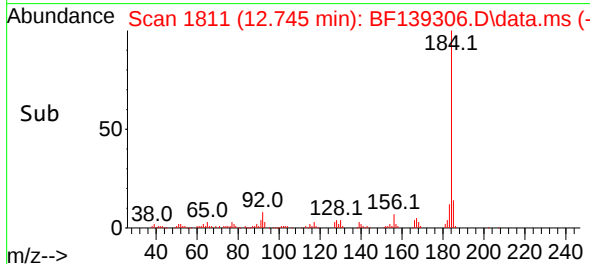
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



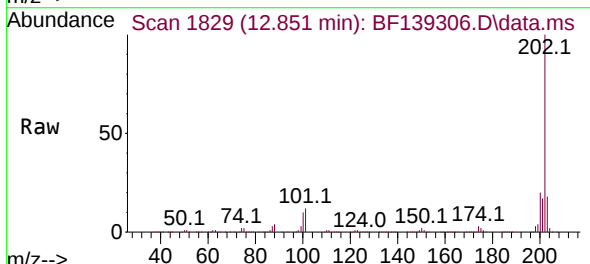
Tgt Ion:184 Resp: 8871
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.5 8.8 13.2

Manual Integrations
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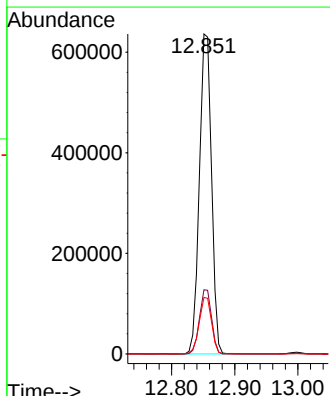
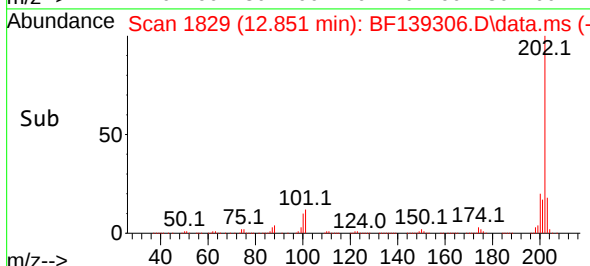
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

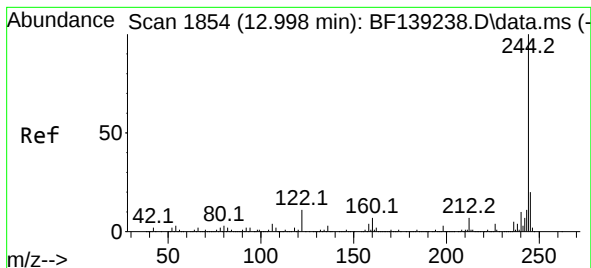


#78
Pyrene
Concen: 42.228 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



Tgt Ion:202 Resp: 848642
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 88.814 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139306.D

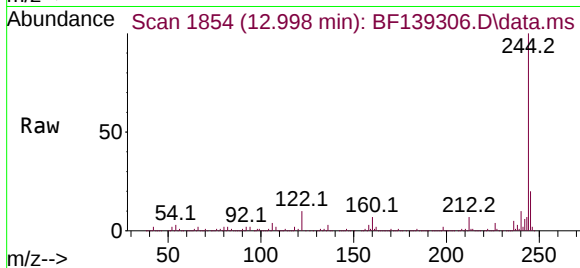
Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409MSD



Tgt Ion:244 Resp: 1144370

Ion Ratio Lower Upper

244 100

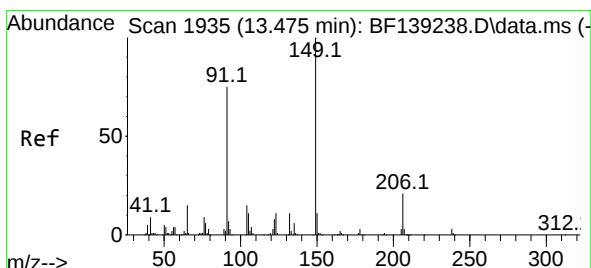
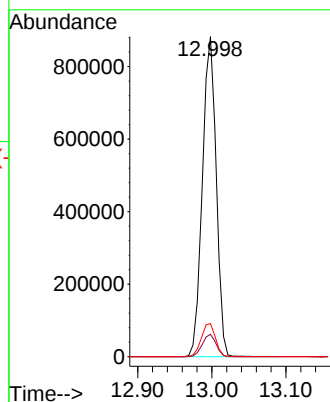
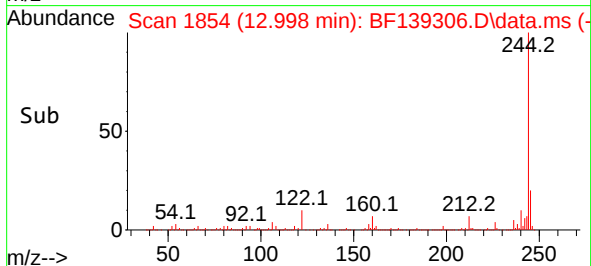
212 7.0 5.9 8.9

122 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#80

Butylbenzylphthalate

Concen: 73.668 ng

RT: 13.475 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

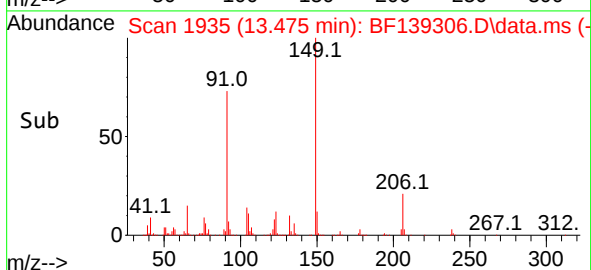
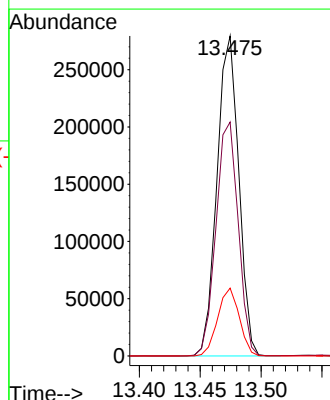
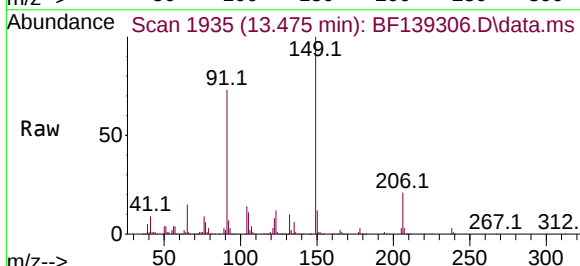
Tgt Ion:149 Resp: 348518

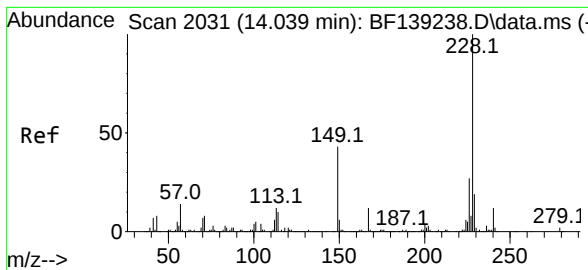
Ion Ratio Lower Upper

149 100

91 73.1 60.3 90.5

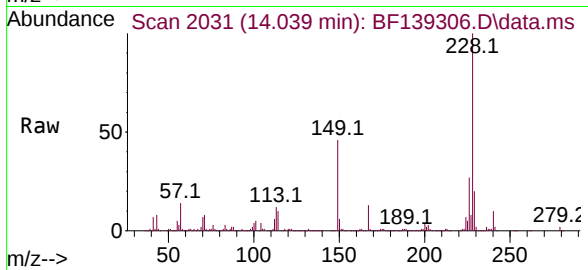
206 21.2 16.7 25.1





#81
Benzo(a)anthracene
Concen: 52.436 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

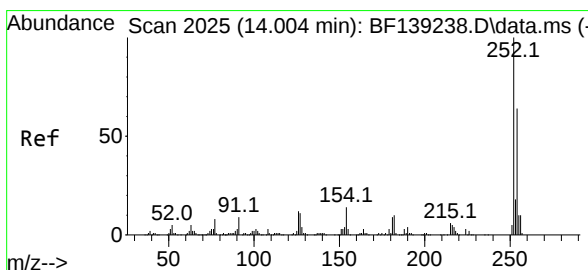
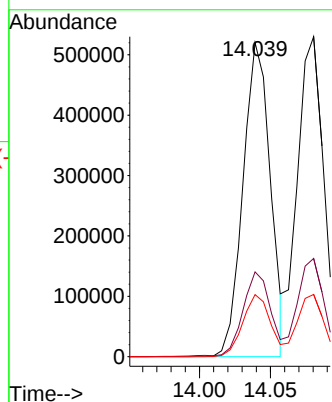
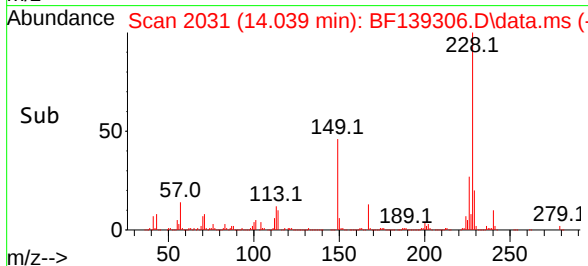
Instrument : BNA_F
ClientSampleId : WC-S-07-202409MSD



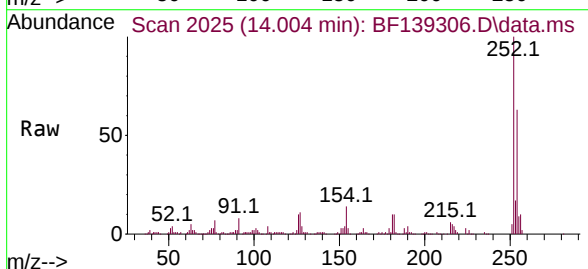
Tgt Ion:228 Resp: 696568
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 19.8 15.6 23.4

Manual Integrations
APPROVED

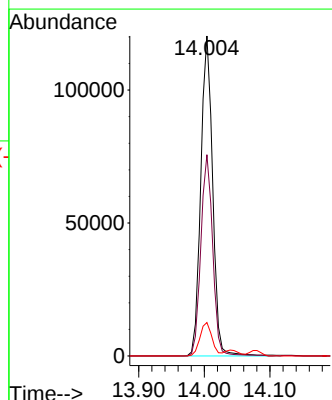
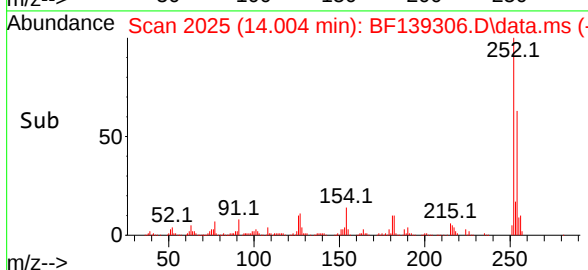
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

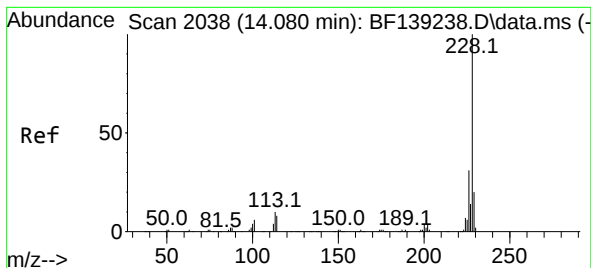


#82
3,3'-Dichlorobenzidine
Concen: 43.025 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



Tgt Ion:252 Resp: 151786
Ion Ratio Lower Upper
252 100
254 62.9 51.5 77.3
126 10.4 9.2 13.8





#83

Chrysene

Concen: 55.018 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

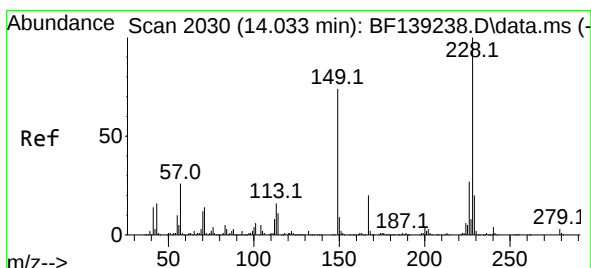
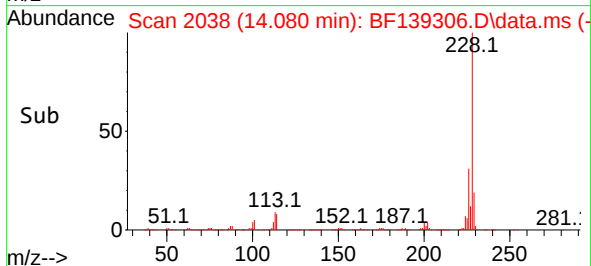
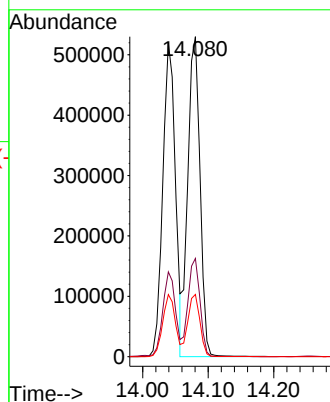
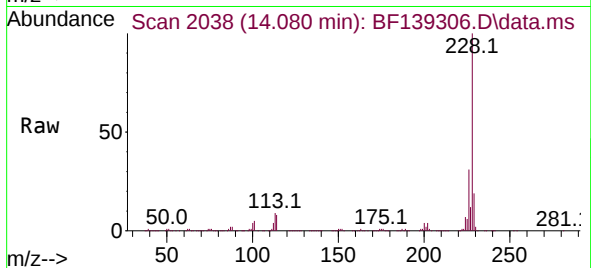
WC-S-07-202409MSD

Tgt Ion:	228	Resp:	682134
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.8	35.8
229	19.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.920 ng

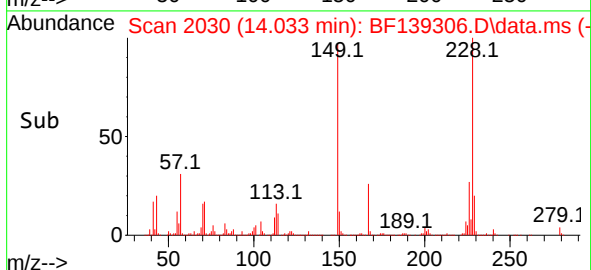
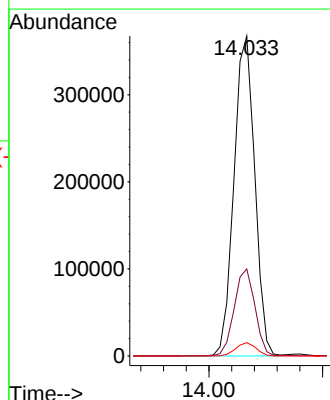
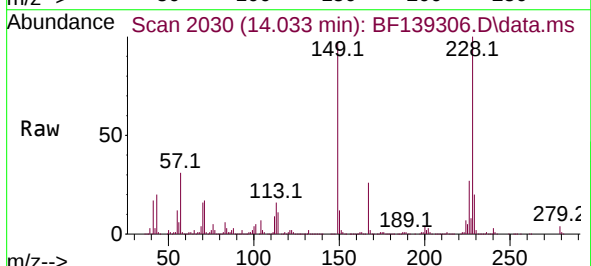
RT: 14.033 min Scan# 2030

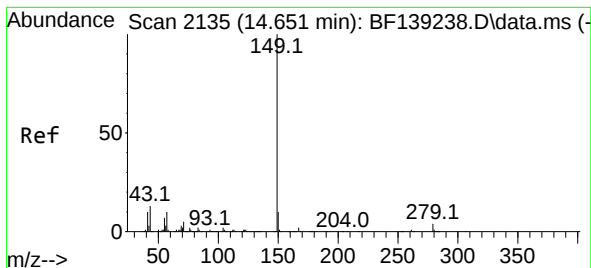
Delta R.T. -0.000 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Tgt Ion:	149	Resp:	465998
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.6
279	4.2	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 72.957 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409MSD

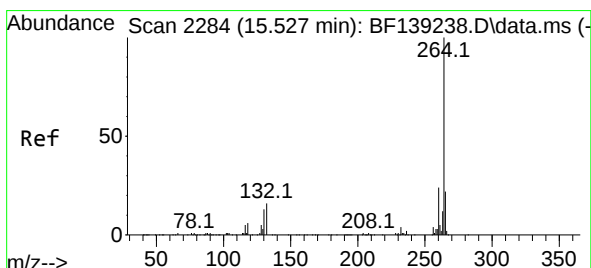
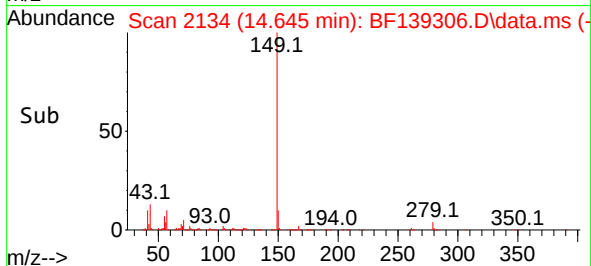
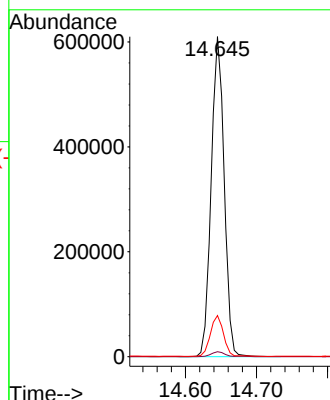
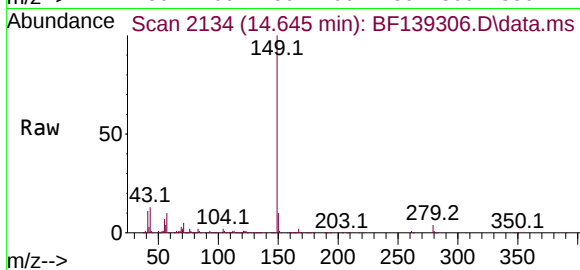
Tgt Ion:149 Resp: 77562

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.8	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

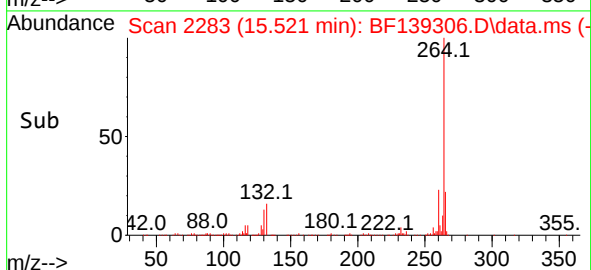
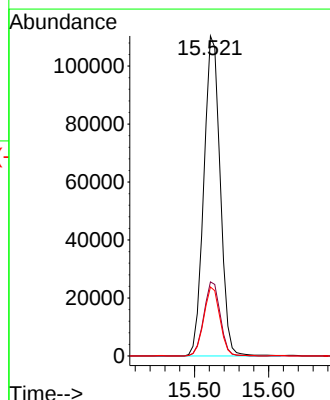
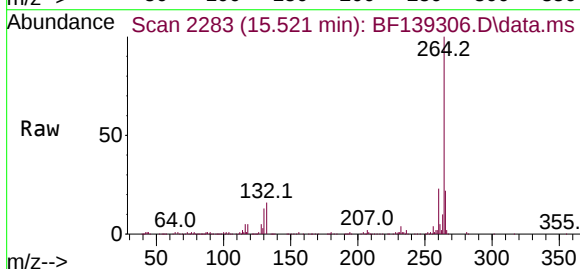
Delta R.T. -0.006 min

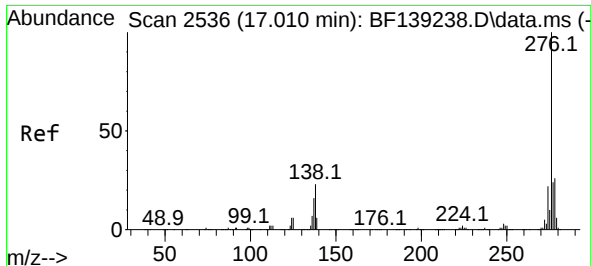
Lab File: BF139306.D

Acq: 10 Sep 2024 18:29

Tgt Ion:264 Resp: 169034

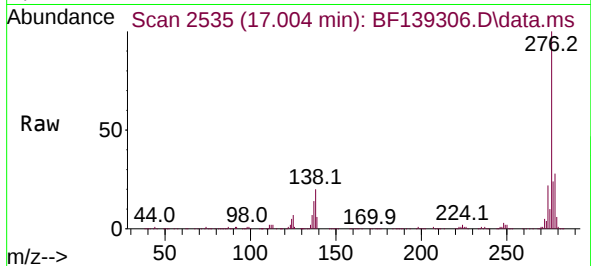
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	17.3	25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.691 ng
RT: 17.004 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

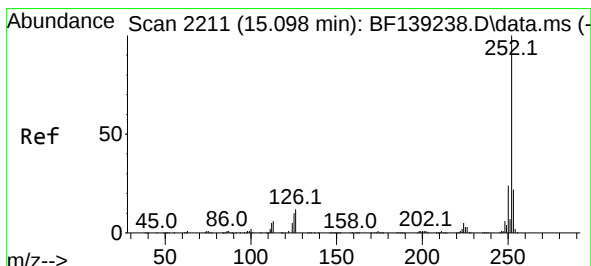
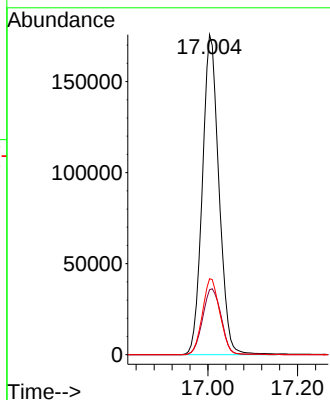
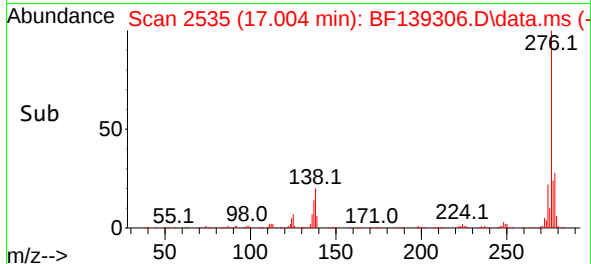
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



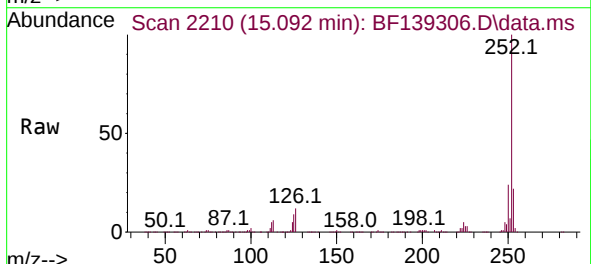
Tgt Ion: 276 Resp: 45081
Ion Ratio Lower Upper
276 100
138 23.1 20.4 30.6
277 24.9 20.3 30.5

Manual Integrations
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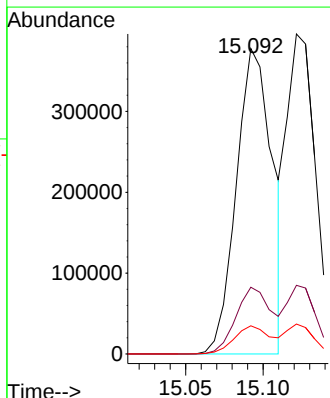
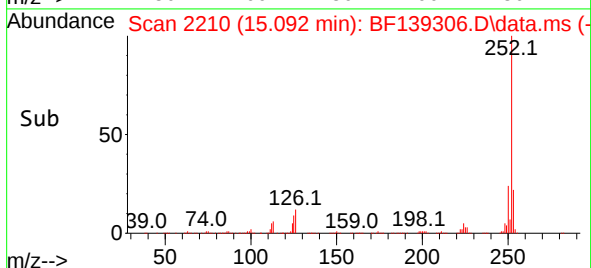
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

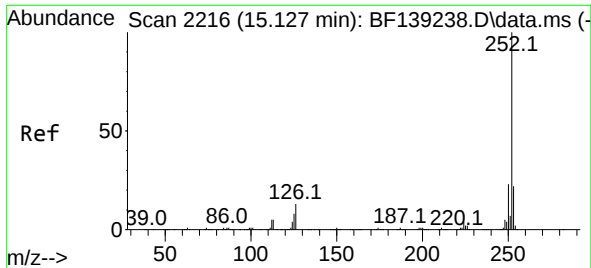


#88
Benzo(b)fluoranthene
Concen: 62.696 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



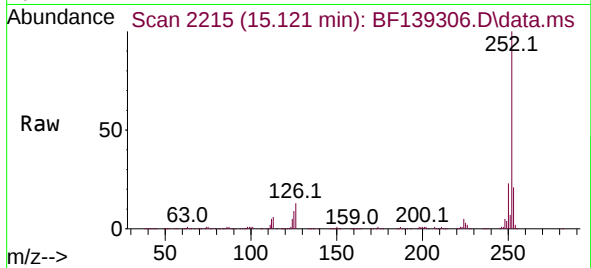
Tgt Ion: 252 Resp: 610324
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.2 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 58.816 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

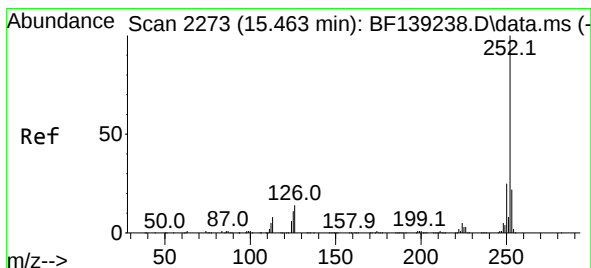
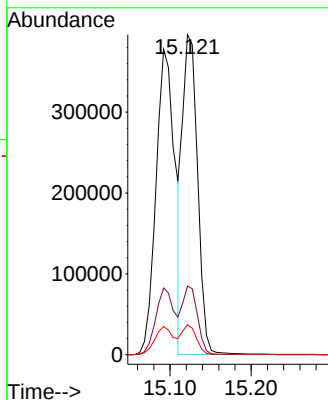
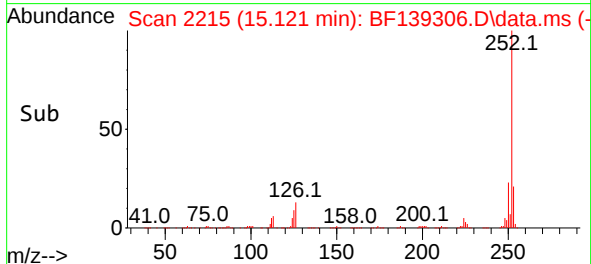
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



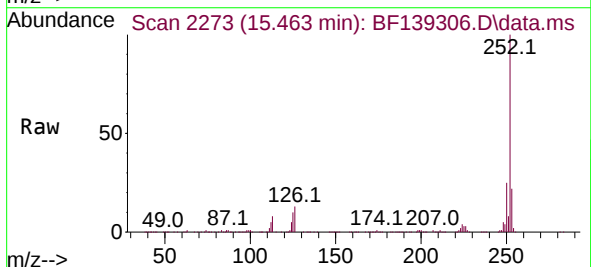
Tgt Ion:252 Resp: 51336
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.3 7.2 10.8

Manual Integrations
APPROVED

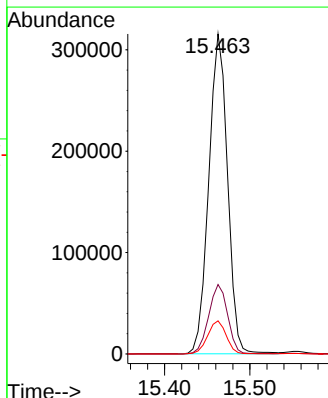
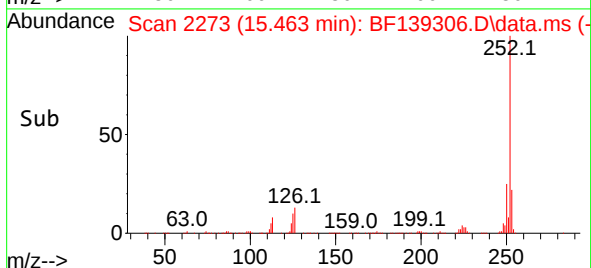
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

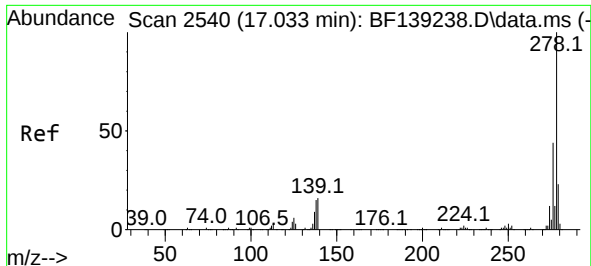


#90
Benzo(a)pyrene
Concen: 58.367 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



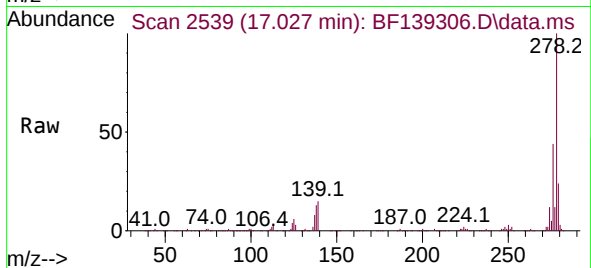
Tgt Ion:252 Resp: 482464
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.4 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 42.690 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29

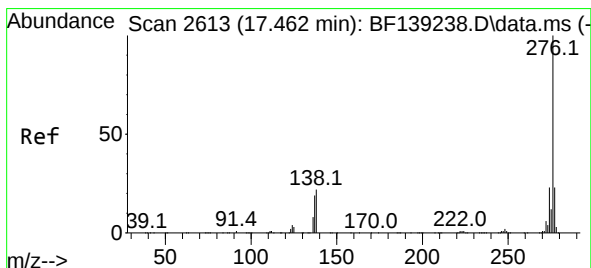
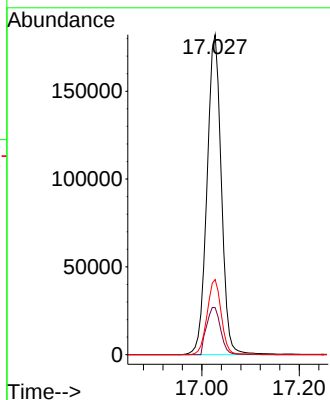
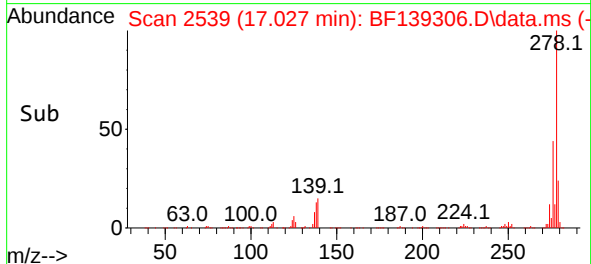
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409MSD



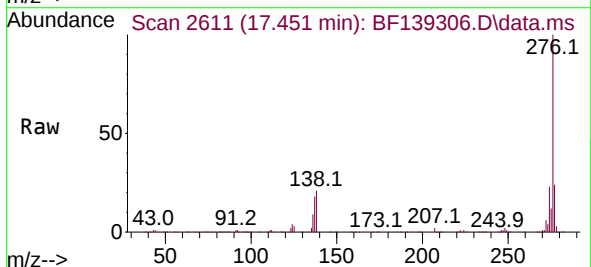
Tgt Ion:278 Resp: 37150
Ion Ratio Lower Upper
278 100
139 14.7 12.6 19.0
279 23.5 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#92
Benzo(g,h,i)perylene
Concen: 35.947 ng
RT: 17.451 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF139306.D
Acq: 10 Sep 2024 18:29



Tgt Ion:276 Resp: 322904
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 21.0 17.4 26.0

