

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136907.D
 Acq On : 03 Jan 2024 14:52
 Operator : CG\JU
 Sample : 05975-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023MSD

Quant Time: Jan 03 15:36:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88734	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	351131	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	177609	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	318318	20.000	ng	0.00
76) Chrysene-d12	13.969	240	171241	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	187921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	347560	61.114	ng	0.00
7) Phenol-d6	6.428	99	276230	37.485	ng	-0.01
23) Nitrobenzene-d5	7.351	82	580599	84.612	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	251377	120.176	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1108218	83.922	ng	-0.01
79) Terphenyl-d14	12.904	244	1032506	84.261	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	42513	17.941	ng	98
3) Pyridine	3.375	79	68150	11.788	ng	94
4) n-Nitrosodimethylamine	3.322	42	57731	18.699	ng	# 100
6) Aniline	6.451	93	176861	24.005	ng	96
8) 2-Chlorophenol	6.575	128	237698	38.194	ng	92
9) Benzaldehyde	6.334	77	61234	14.609	ng	97
10) Phenol	6.440	94	114954	14.613	ng	93
11) bis(2-Chloroethyl)ether	6.522	93	270485	45.214	ng	98
12) 1,3-Dichlorobenzene	6.722	146	246400	36.293	ng	97
13) 1,4-Dichlorobenzene	6.798	146	256760	37.013	ng	98
14) 1,2-Dichlorobenzene	6.951	146	245919	38.097	ng	97
15) Benzyl Alcohol	6.934	79	153440	30.864	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	417962	42.733	ng	77
17) 2-Methylphenol	7.051	107	156402	30.335	ng	# 87
18) Hexachloroethane	7.287	117	89525	35.535	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	200106	44.796	ng	98
20) 3+4-Methylphenols	7.198	107	173140	26.880	ng	91
22) Acetophenone	7.193	105	401659	45.638	ng	# 89
24) Nitrobenzene	7.369	77	285703	41.564	ng	97
25) Isophorone	7.604	82	547700	43.865	ng	100
26) 2-Nitrophenol	7.681	139	148329	45.102	ng	96
27) 2,4-Dimethylphenol	7.722	122	188663	47.120	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	340099	44.811	ng	98
29) 2,4-Dichlorophenol	7.928	162	217547	42.204	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	222597	38.758	ng	98
31) Naphthalene	8.081	128	784688	40.678	ng	100
32) Benzoic acid	7.834	122	48552	12.533	ng	98
33) 4-Chloroaniline	8.134	127	115576	16.227	ng	97
34) Hexachlorobutadiene	8.192	225	130623	37.435	ng	97
35) Caprolactam	8.516	113	12058	7.091	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	219634	37.849	ng	99
37) 2-Methylnaphthalene	8.775	142	504094	40.605	ng	98
38) 1-Methylnaphthalene	8.875	142	495010	40.642	ng	99
40) 1,2,4,5-Tetrachloroben...	8.940	216	249773	45.410	ng	100
41) Hexachlorocyclopentadiene	8.922	237	117329	67.702	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	160076	45.379	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	171998	43.755	ng	97
46) 1,1'-Biphenyl	9.239	154	680325	45.647	ng	98
47) 2-Chloronaphthalene	9.269	162	489146	43.171	ng	98
48) 2-Nitroaniline	9.369	65	153697	43.318	ng	96
49) Acenaphthylene	9.681	152	789426	45.583	ng	99
50) Dimethylphthalate	9.551	163	585502	45.132	ng	99
51) 2,6-Dinitrotoluene	9.616	165	127779	43.400	ng	95
52) Acenaphthene	9.857	154	464452	43.264	ng	99
53) 3-Nitroaniline	9.781	138	79018	25.335	ng	94
54) 2,4-Dinitrophenol	9.898	184	106022	65.676	ng	92
55) Dibenzofuran	10.028	168	700362	43.038	ng	99
56) 4-Nitrophenol	9.963	139	52977	25.162	ng	98
57) 2,4-Dinitrotoluene	10.022	165	156561	40.961	ng	91
58) Fluorene	10.375	166	559418	43.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137922	45.579	ng	98
60) Diethylphthalate	10.251	149	595059	44.209	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	263466	41.979	ng	97
62) 4-Nitroaniline	10.404	138	111766m	37.173	ng	
63) Azobenzene	10.522	77	541126	43.042	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	74123	40.631	ng	93
66) n-Nitrosodiphenylamine	10.486	169	490833	47.467	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	163575	46.271	ng	98
68) Hexachlorobenzene	10.922	284	183808	46.656	ng	95
69) Atrazine	11.022	200	149004	56.339	ng	98
70) Pentachlorophenol	11.122	266	165656	90.212	ng	99
71) Phenanthrene	11.339	178	752477	46.071	ng	100
72) Anthracene	11.392	178	755992	45.704	ng	100
73) Carbazole	11.551	167	671688	43.070	ng	100
74) Di-n-butylphthalate	11.880	149	906833	47.653	ng	99
75) Fluoranthene	12.533	202	718138	41.105	ng	99
77) Benzidine	12.657	184	85166	16.867	ng	98
78) Pyrene	12.763	202	711044	42.298	ng	100
80) Butylbenzylphthalate	13.380	149	301195	49.241	ng	95
81) Benzo(a)anthracene	13.957	228	537734	45.223	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	153079	45.331	ng	99
83) Chrysene	13.992	228	516612	44.428	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	424358	55.140	ng	# 98
85) Di-n-octyl phthalate	14.563	149	703053	59.057	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	602441	44.401	ng	100
88) Benzo(b)fluoranthene	15.016	252	522199	41.605	ng	99
89) Benzo(k)fluoranthene	15.045	252	494842	41.724	ng	99
90) Benzo(a)pyrene	15.386	252	458088	43.237	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	508615	45.692	ng	99
92) Benzo(g,h,i)perylene	17.415	276	466350	40.905	ng	100

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

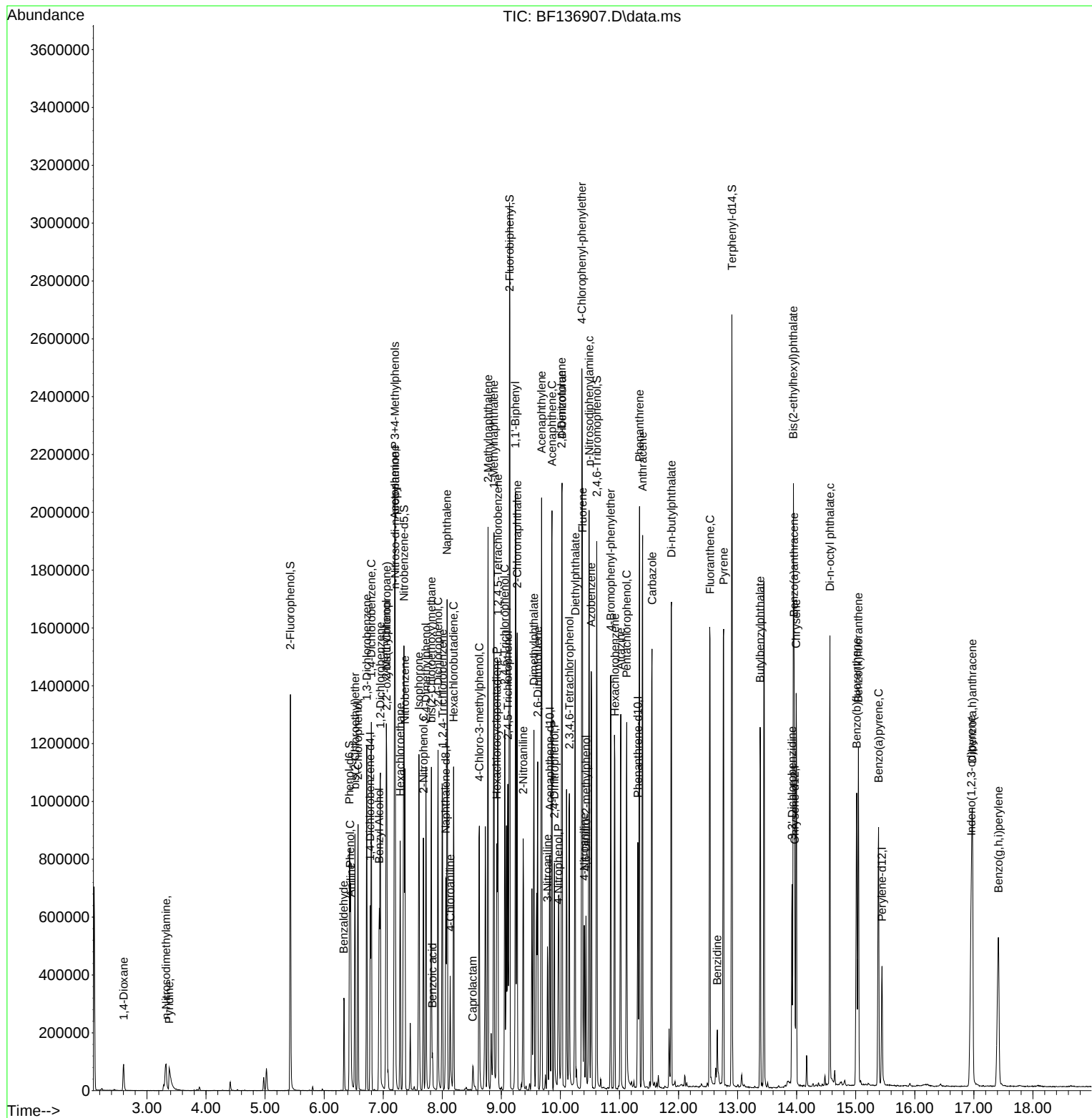
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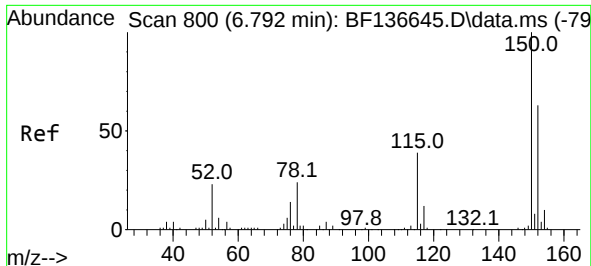
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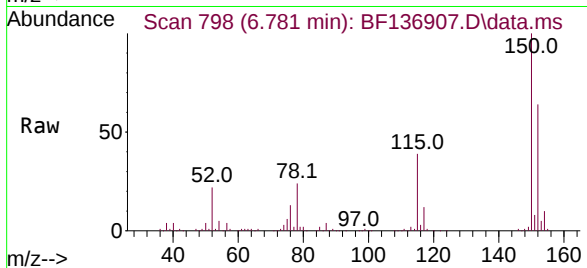
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

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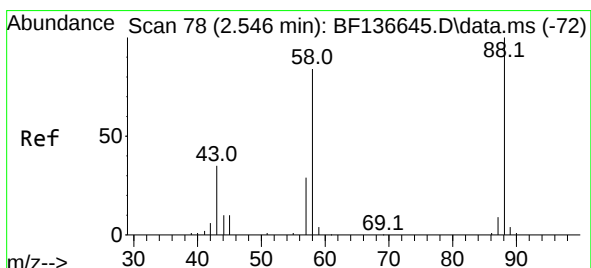
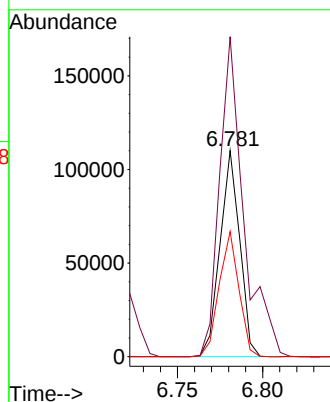
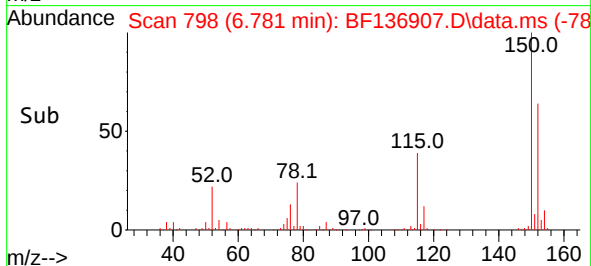
Tgt Ion:152 Resp: 88734
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 60.8 49.0 73.4

Manual Integrations

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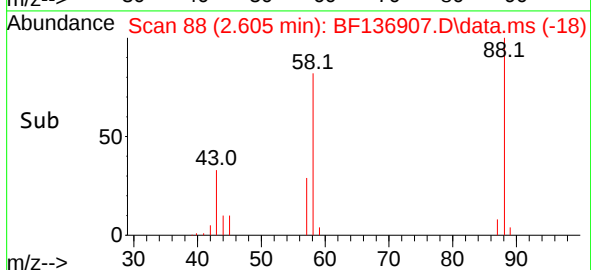
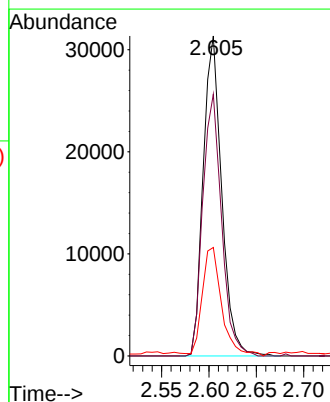
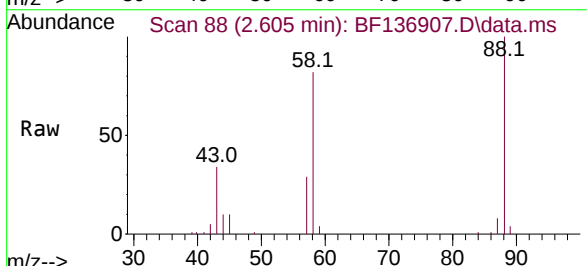
Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 17.941 ng
RT: 2.605 min Scan# 88
Delta R.T. 0.059 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

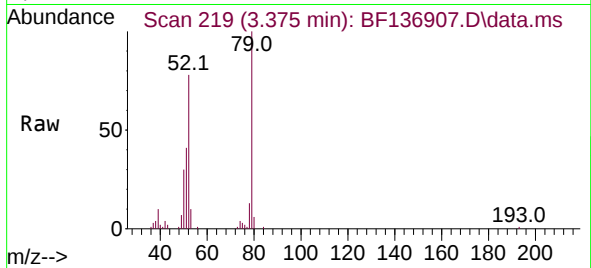
Tgt Ion: 88 Resp: 42513
Ion Ratio Lower Upper
88 100
58 82.9 67.4 101.0
43 35.7 27.7 41.5





#3
Pyridine
Concen: 11.788 ng
RT: 3.375 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

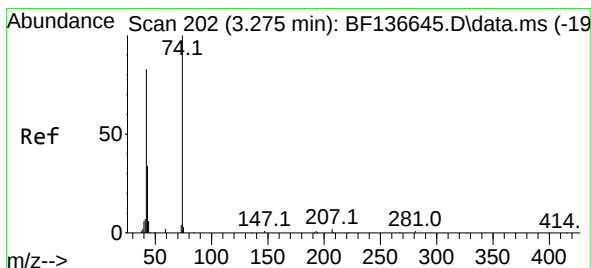
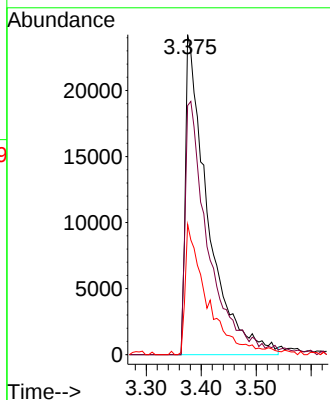
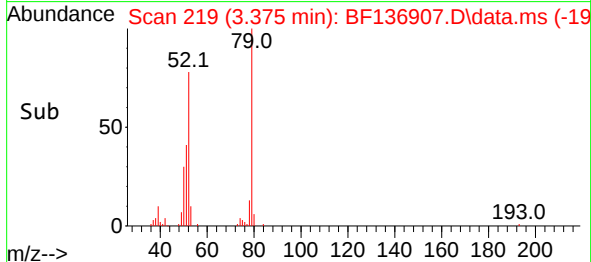
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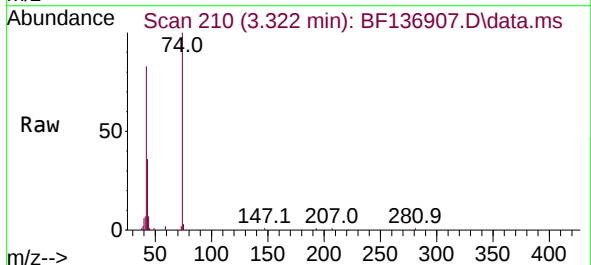
Tgt Ion: 79 Resp: 68150
Ion Ratio Lower Upper
79 100
52 77.9 67.7 101.5
51 40.7 34.0 51.0

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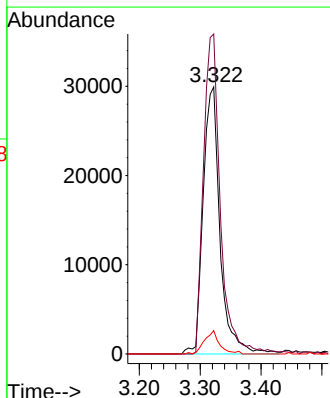
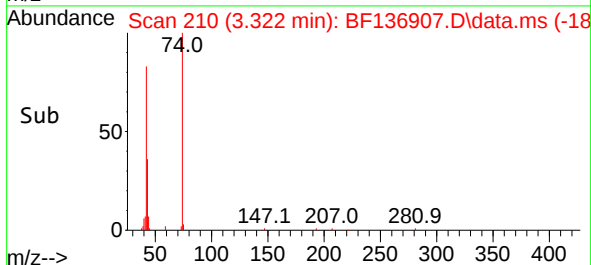
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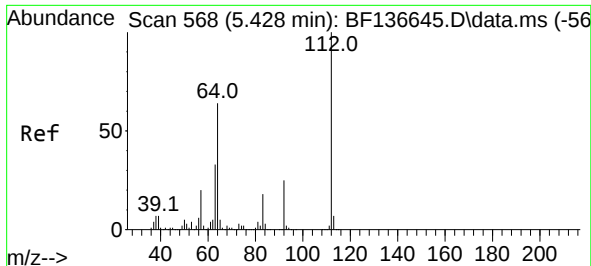


#4
n-Nitrosodimethylamine
Concen: 18.699 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



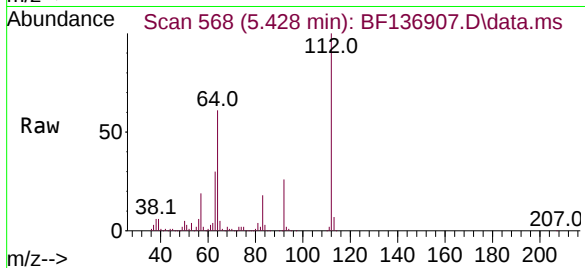
Tgt Ion: 42 Resp: 57731
Ion Ratio Lower Upper
42 100
74 119.9 96.0 144.0
44 8.8 5.4 8.2





#5
2-Fluorophenol
Concen: 61.114 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

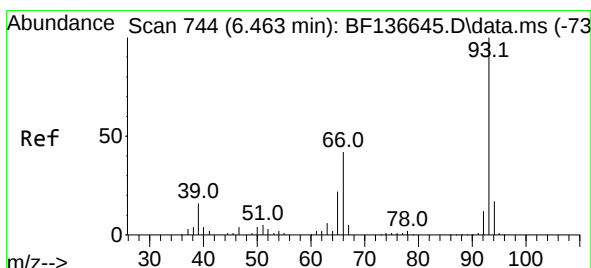
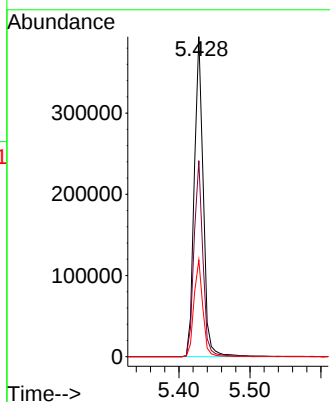
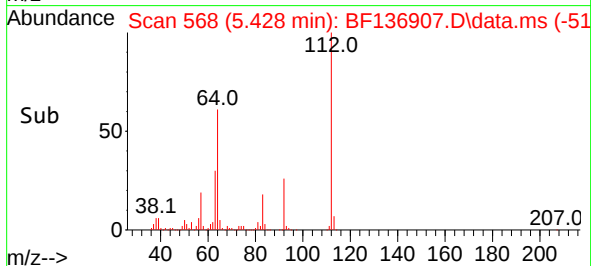
Instrument :
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Tgt Ion:112 Resp: 347560
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 30.3 26.1 39.1

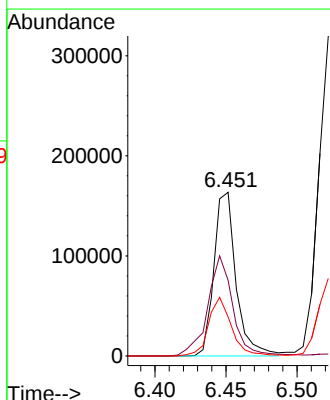
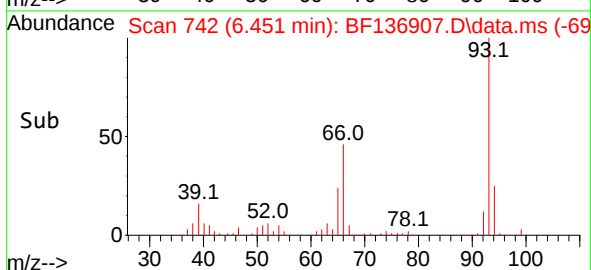
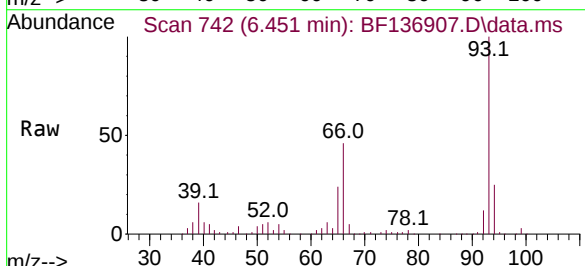
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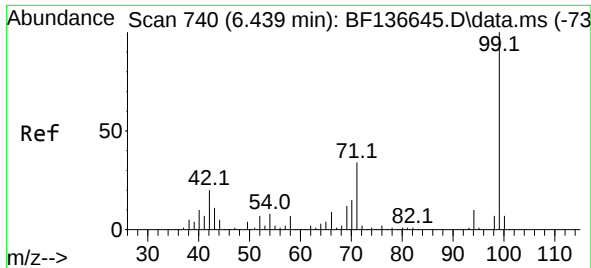
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#6
Aniline
Concen: 24.005 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

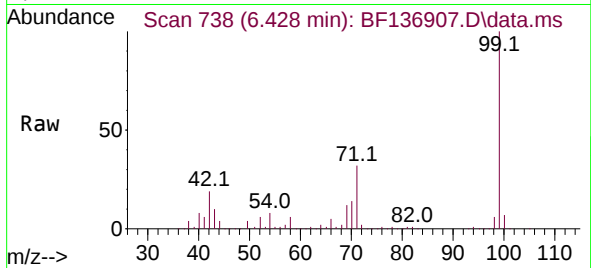
Tgt Ion: 93 Resp: 176861
Ion Ratio Lower Upper
93 100
66 46.2 34.6 51.8
65 23.8 17.8 26.8





#7
Phenol-d6
Concen: 37.485 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

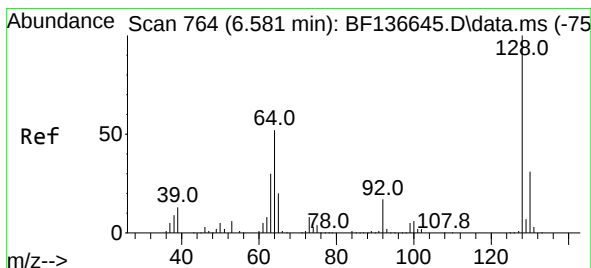
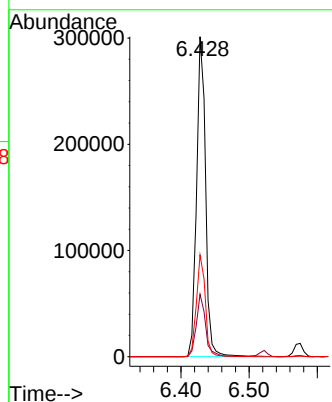
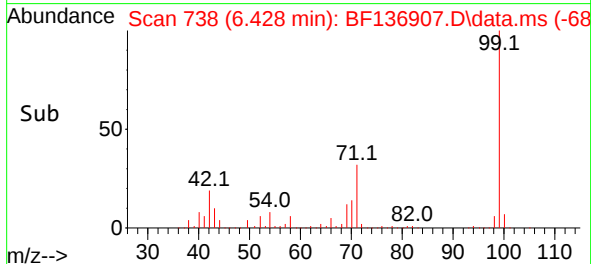
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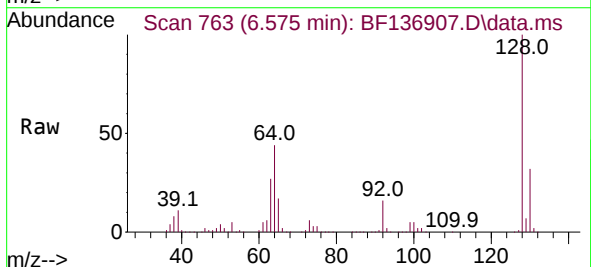
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Ion Ratio Lower Upper
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42 19.5 16.1 24.1
71 31.8 27.4 41.2

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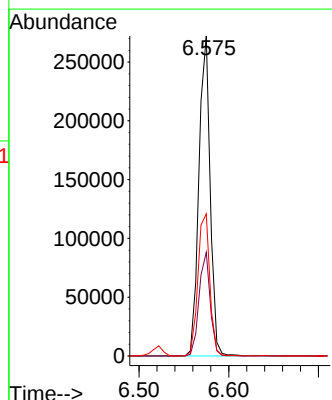
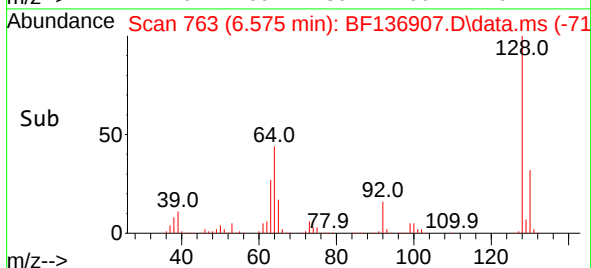
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#8
2-Chlorophenol
Concen: 38.194 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



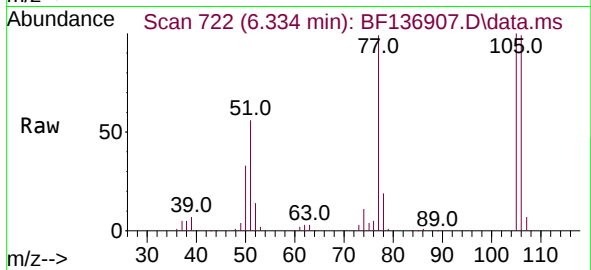
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Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 44.4 32.5 72.5





#9
Benzaldehyde
Concen: 14.609 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136907.D
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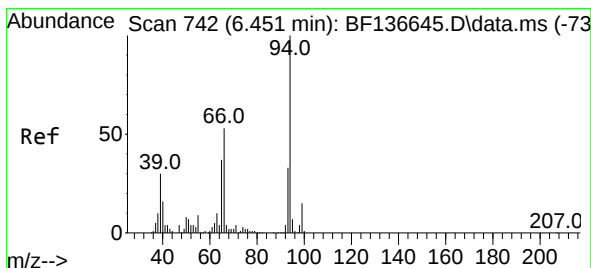
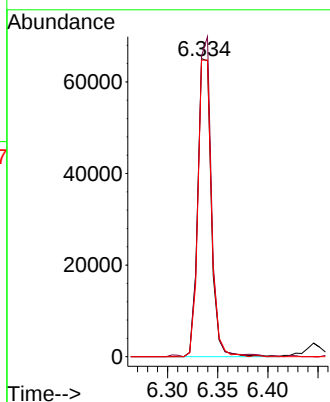
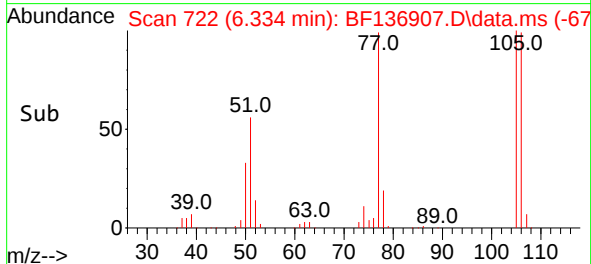
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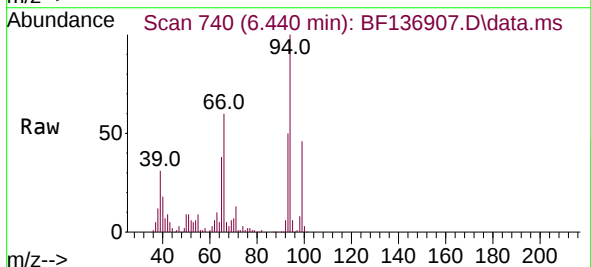
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Ion Ratio Lower Upper
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105 100.9 84.8 124.8
106 99.5 77.8 117.8

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APPROVED

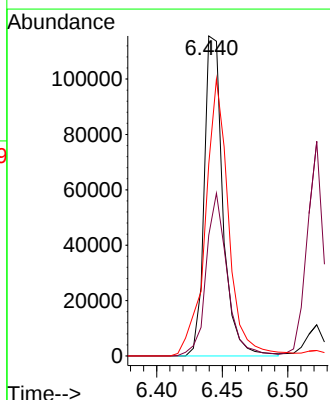
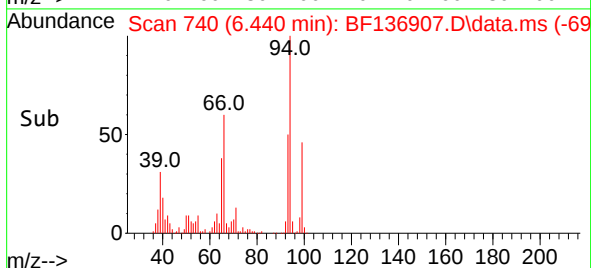
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

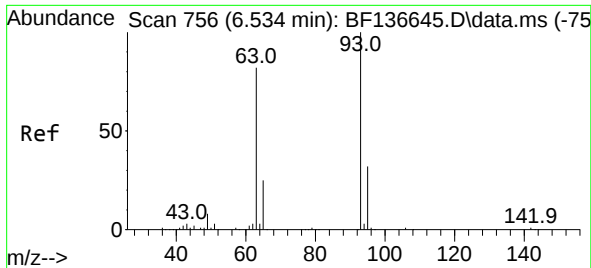


#10
Phenol
Concen: 14.613 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



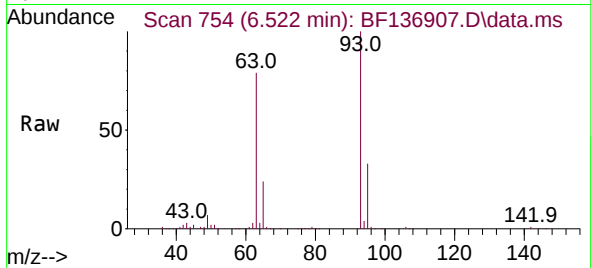
Tgt Ion: 94 Resp: 114954
Ion Ratio Lower Upper
94 100
65 37.7 16.6 56.6
66 59.9 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 45.214 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

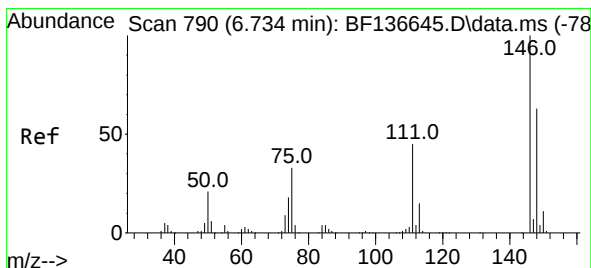
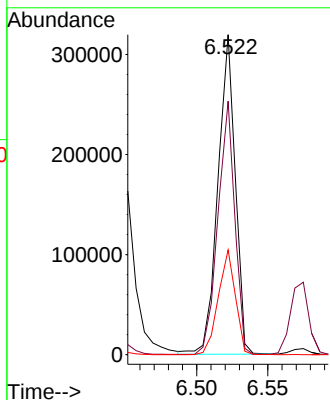
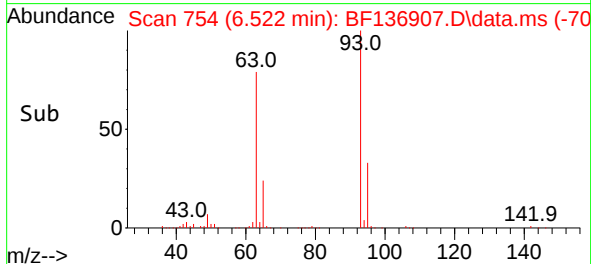
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



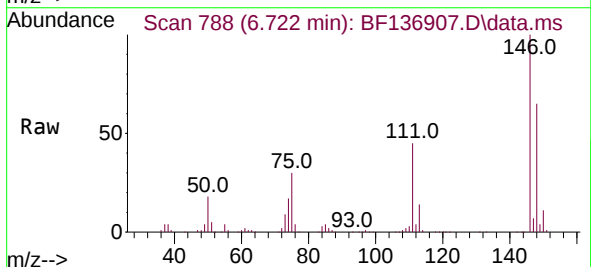
Tgt Ion: 93 Resp: 270485
Ion Ratio Lower Upper
93 100
63 79.2 61.2 101.2
95 32.8 11.6 51.6

Manual Integrations
APPROVED

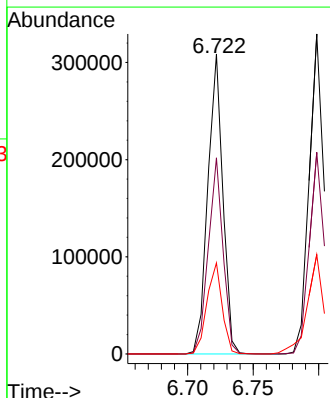
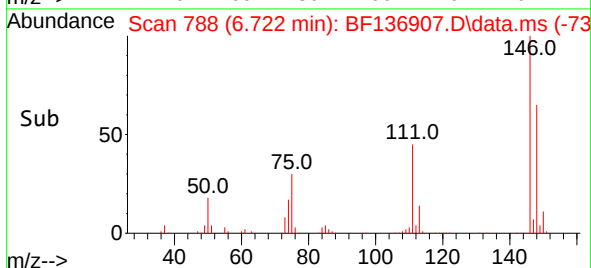
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

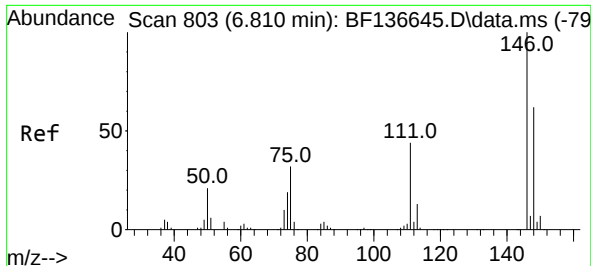


#12
1,3-Dichlorobenzene
Concen: 36.293 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



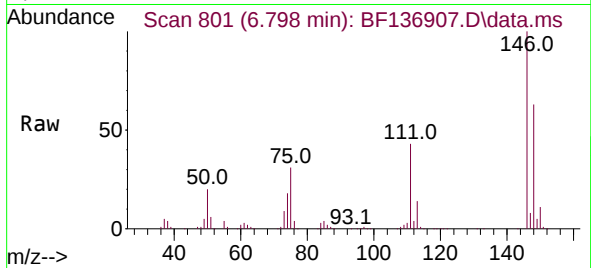
Tgt Ion:146 Resp: 246400
Ion Ratio Lower Upper
146 100
148 65.4 50.5 75.7
75 30.4 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 37.013 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

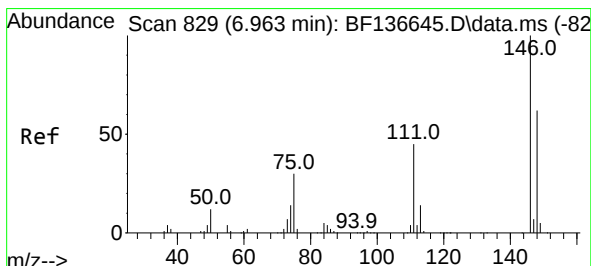
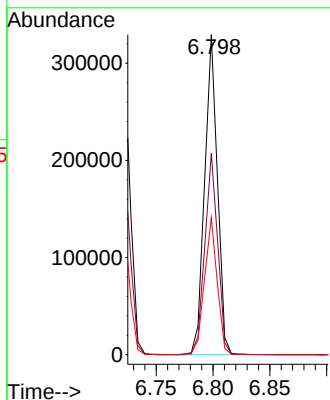
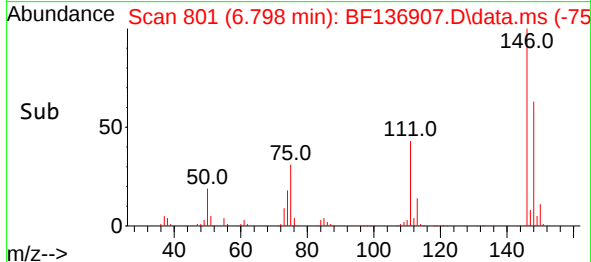
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:146 Resp: 256760
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
111 42.8 35.2 52.8

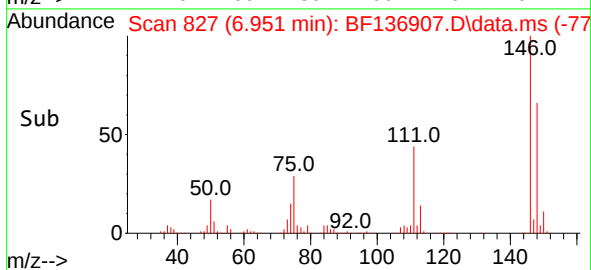
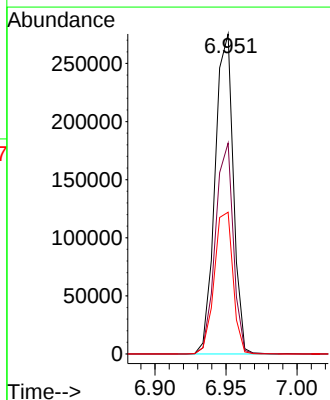
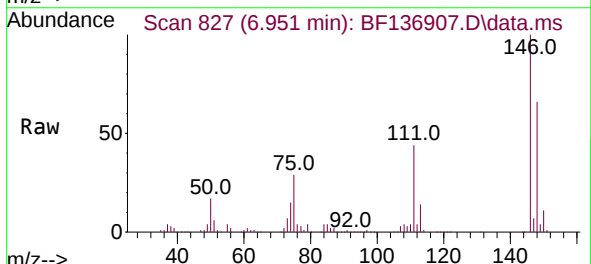
Manual Integrations
APPROVED

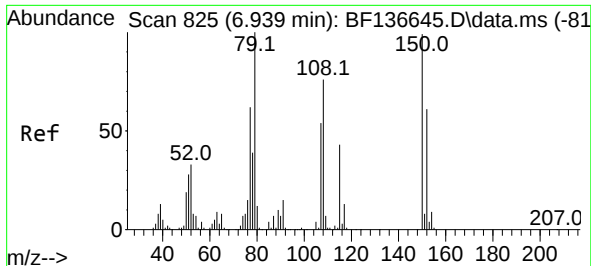
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#14
1,2-Dichlorobenzene
Concen: 38.097 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

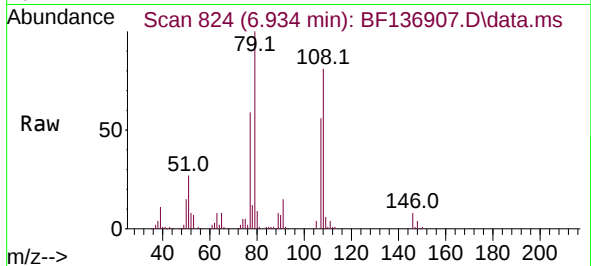
Tgt Ion:146 Resp: 245919
Ion Ratio Lower Upper
146 100
148 65.9 49.6 74.4
111 44.3 36.2 54.2





#15
Benzyl Alcohol
Concen: 30.864 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

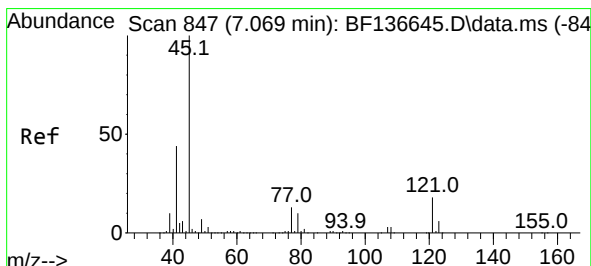
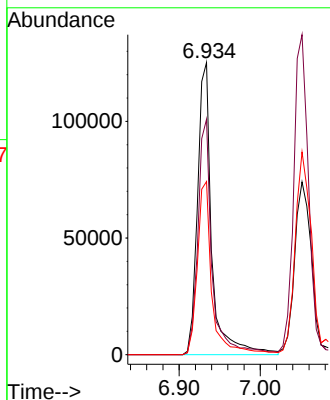
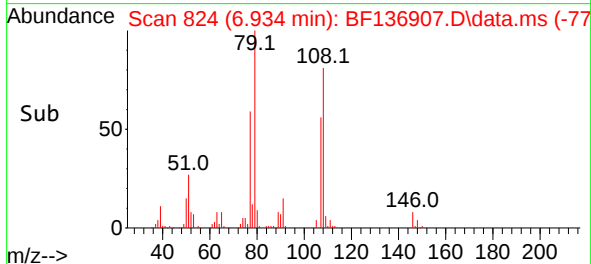
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion: 79 Resp: 153440
Ion Ratio Lower Upper
79 100
108 80.5 61.0 91.6
77 59.2 49.8 74.8

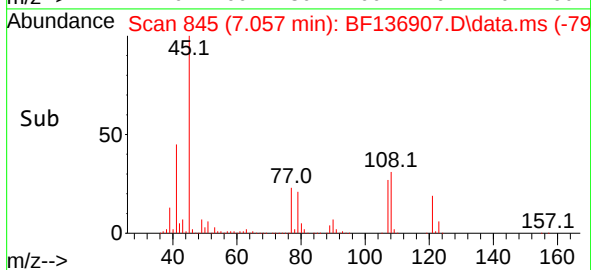
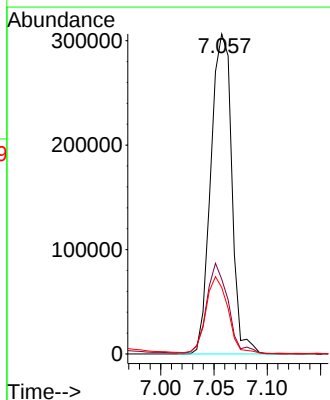
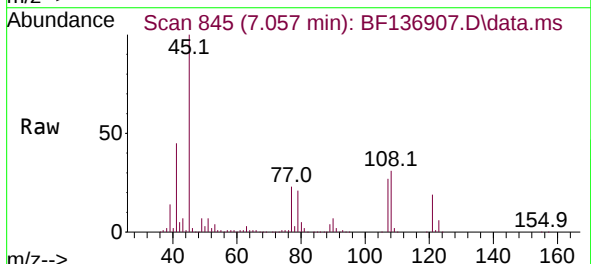
Manual Integrations
APPROVED

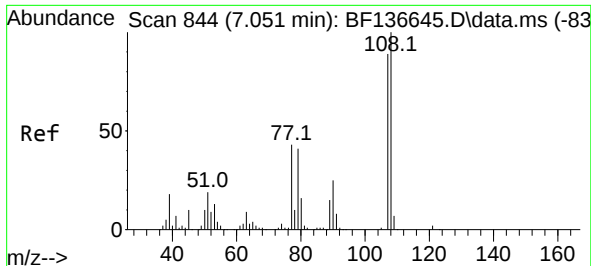
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.733 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

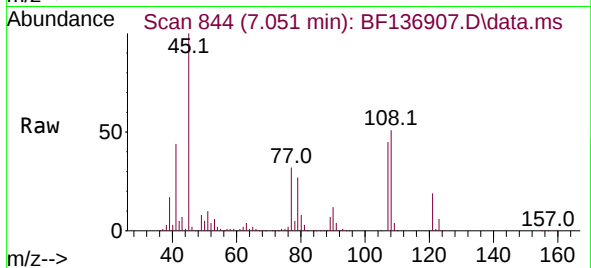
Tgt Ion: 45 Resp: 417962
Ion Ratio Lower Upper
45 100
77 23.3 0.0 34.3
79 20.8 0.0 31.4





#17
2-Methylphenol
Concen: 30.335 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

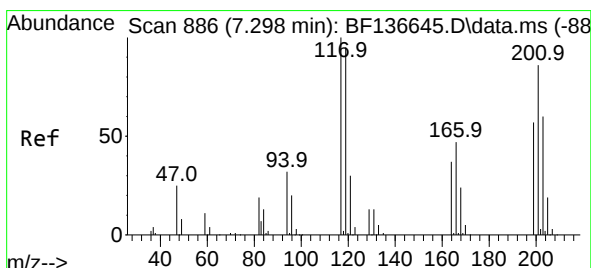
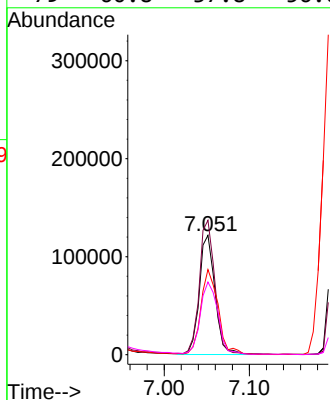
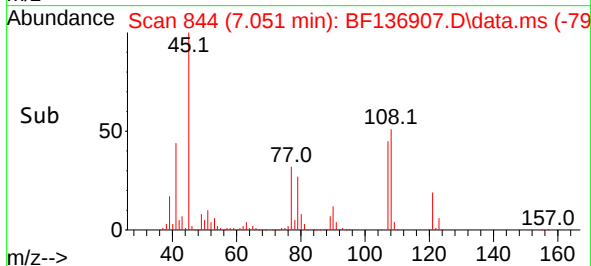
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:107 Resp: 156402
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 71.4 38.7 58.1
79 60.8 37.8 56.6#

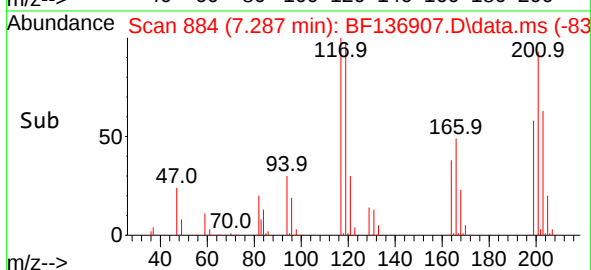
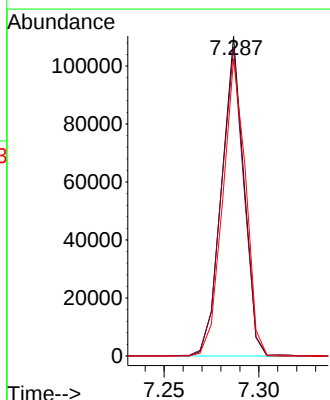
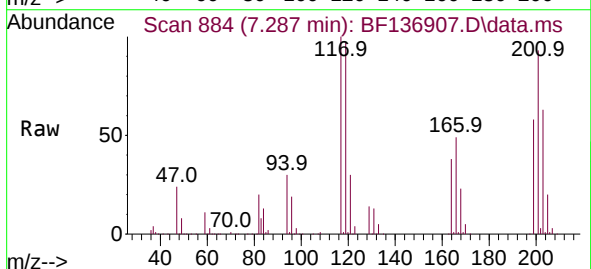
Manual Integrations
APPROVED

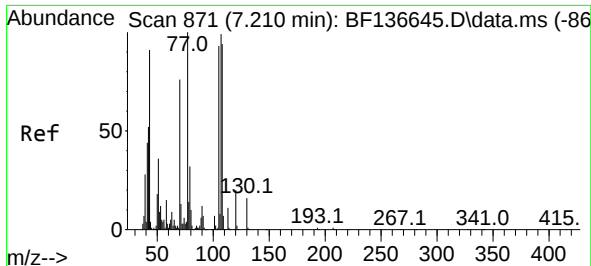
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#18
Hexachloroethane
Concen: 35.535 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:117 Resp: 89525
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
201 92.9 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.796 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136907.D

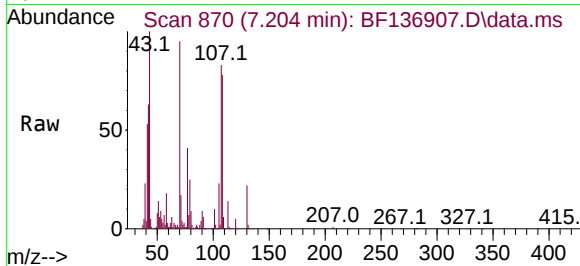
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD



Tgt Ion: 70 Resp: 200100

Ion Ratio Lower Upper

70 100

42 66.4 54.2 81.4

101 10.3 7.6 11.4

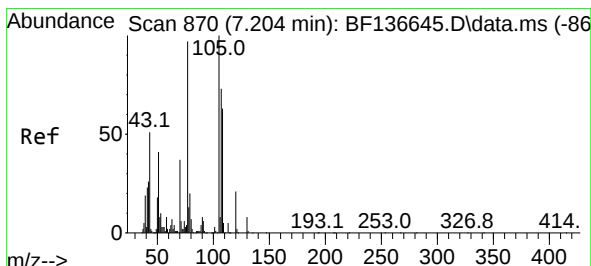
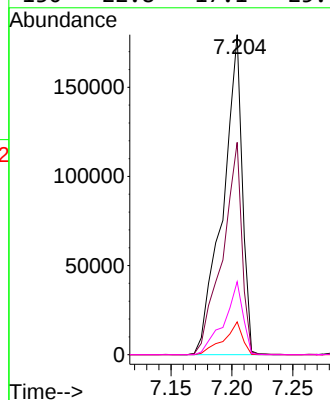
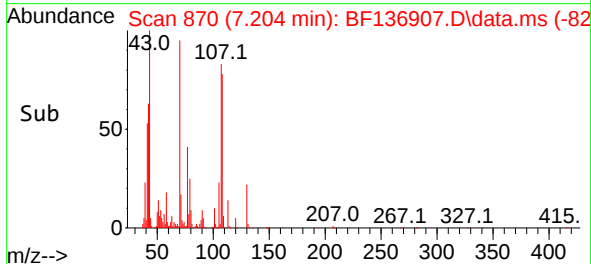
130 22.8 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#20

3+4-Methylphenols

Concen: 26.880 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Tgt Ion:107 Resp: 173140

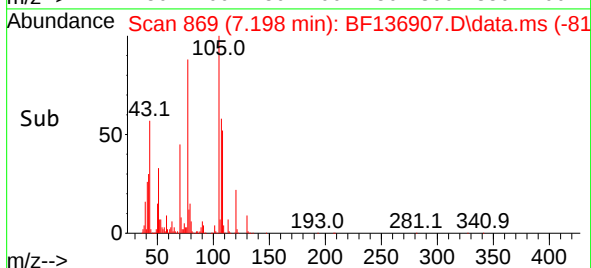
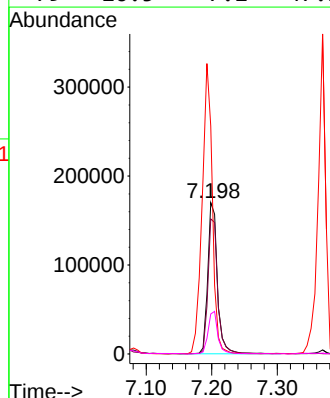
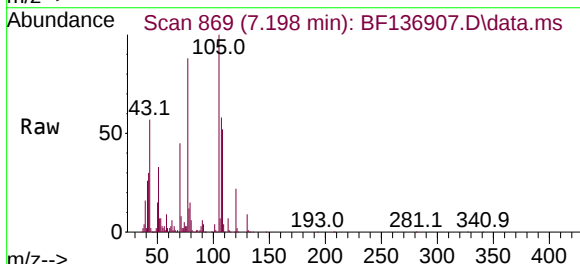
Ion Ratio Lower Upper

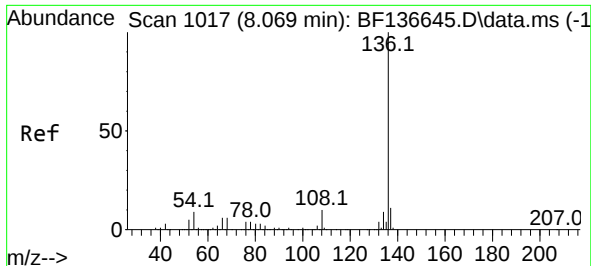
107 100

108 89.2 66.0 106.0

77 150.6 114.2 154.2

79 26.5 7.2 47.2





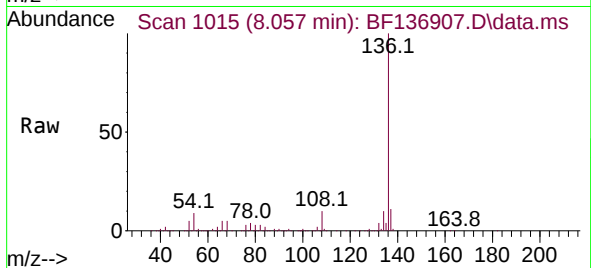
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

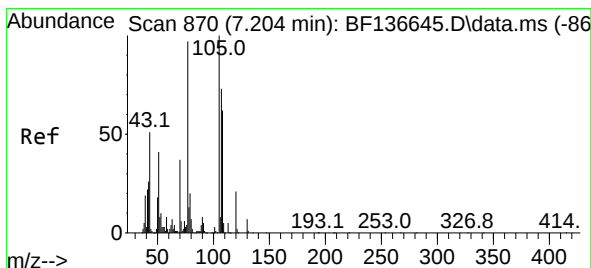
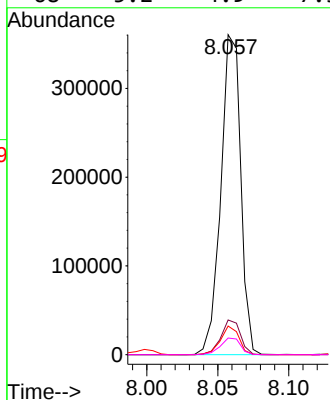
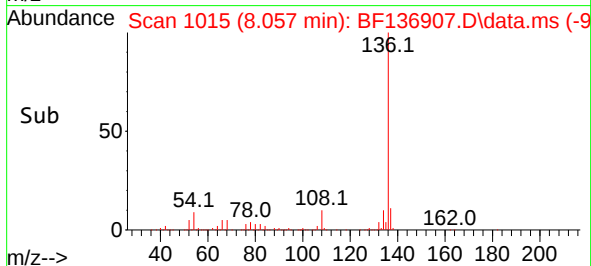


Tgt Ion:136 Resp: 35113
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.9 7.2 10.8
68 5.2 4.9 7.3

Manual Integrations

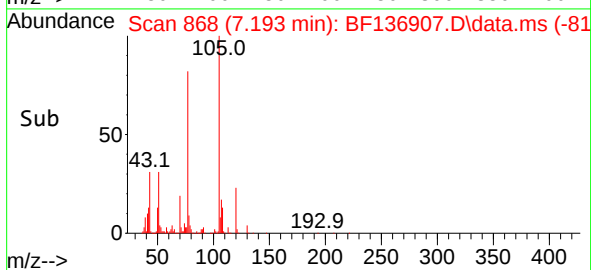
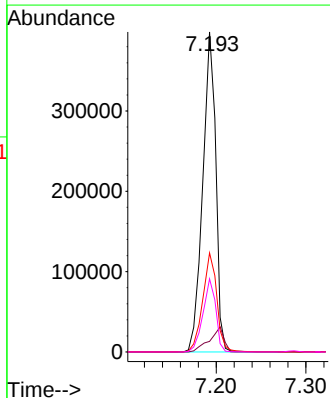
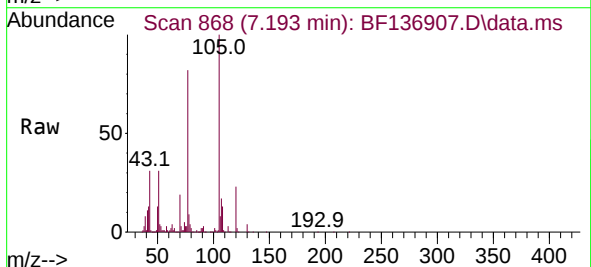
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#22
Acetophenone
Concen: 45.638 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:105 Resp: 401659
Ion Ratio Lower Upper
105 100
71 3.3 4.8 7.2#
51 30.9 32.8 49.2#
120 22.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 84.612 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

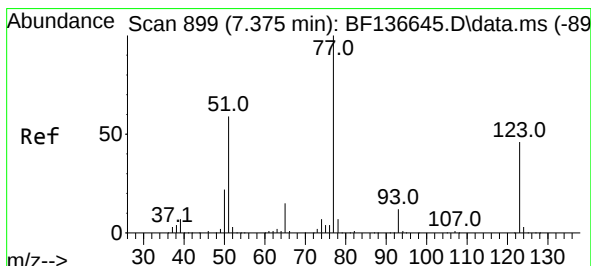
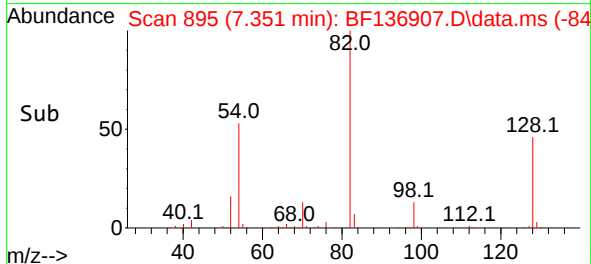
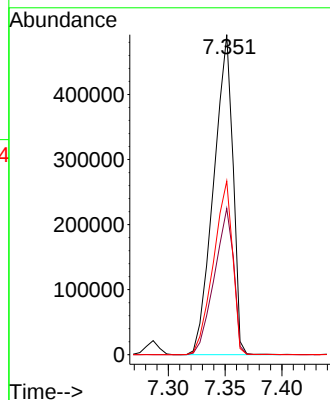
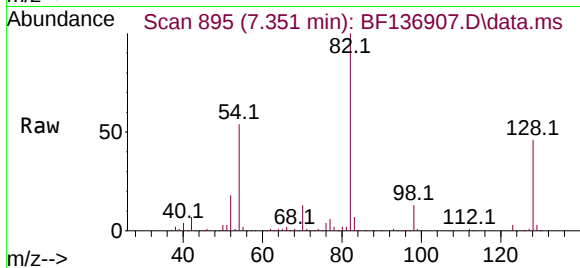
Tgt Ion: 82 Resp: 58059

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.3	52.9
54	54.2	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#24

Nitrobenzene

Concen: 41.564 ng

RT: 7.369 min Scan# 898

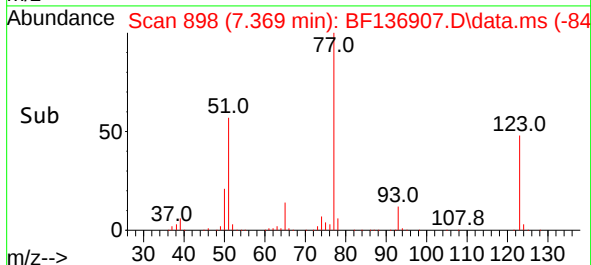
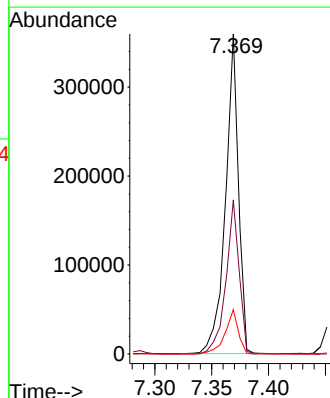
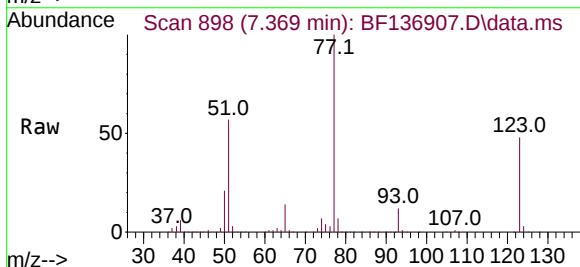
Delta R.T. -0.006 min

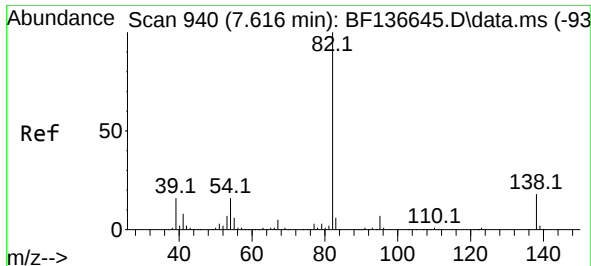
Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Tgt Ion: 77 Resp: 285703

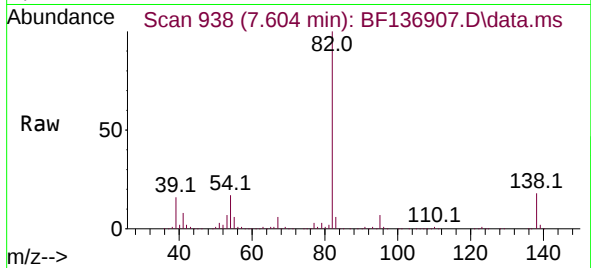
Ion	Ratio	Lower	Upper
77	100		
123	48.1	36.7	55.1
65	13.9	11.8	17.6





#25
Isophorone
Concen: 43.865 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

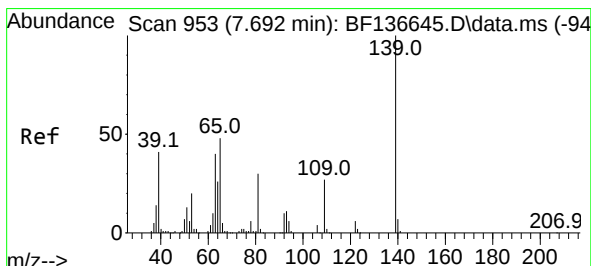
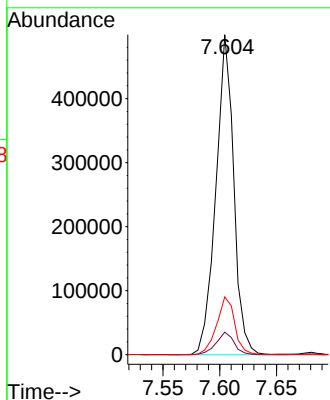
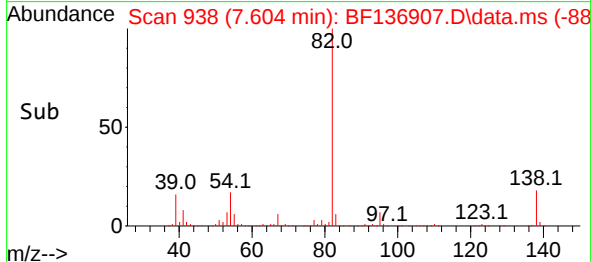
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion: 82 Resp: 547700
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 14.5 21.7

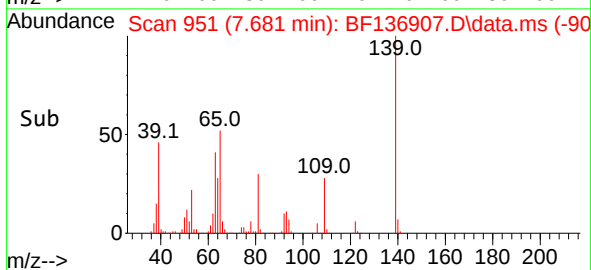
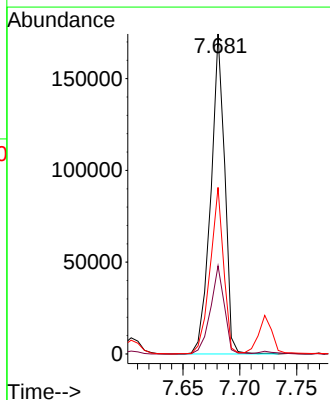
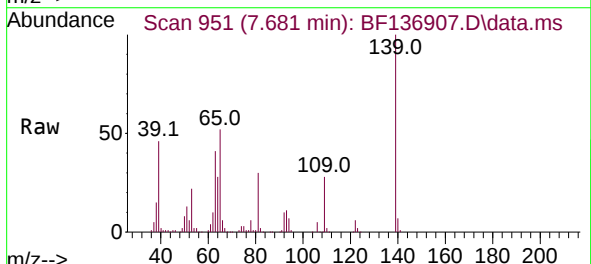
Manual Integrations
APPROVED

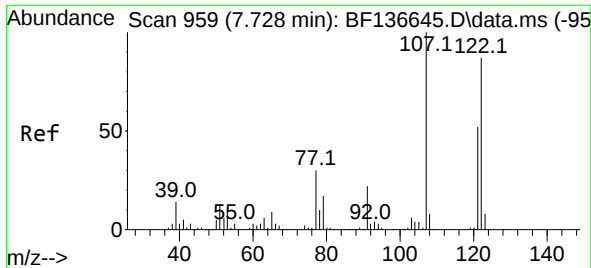
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#26
2-Nitrophenol
Concen: 45.102 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

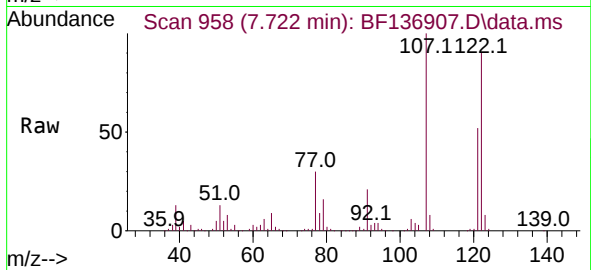
Tgt Ion:139 Resp: 148329
Ion Ratio Lower Upper
139 100
109 27.5 21.9 32.9
65 52.1 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 47.120 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

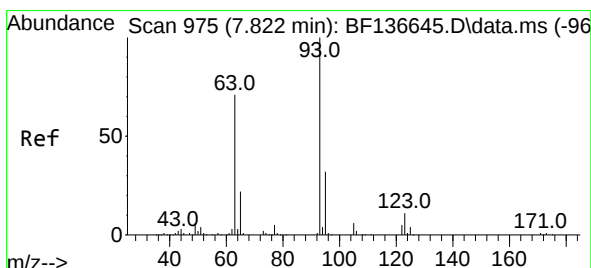
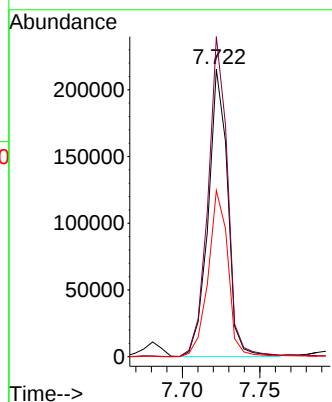
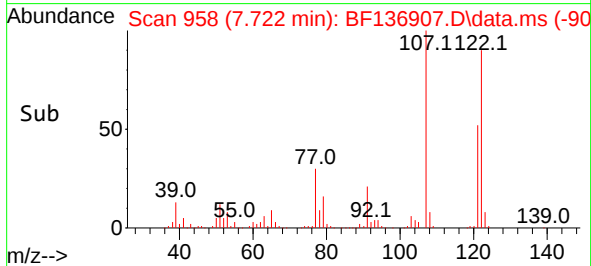
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:122 Resp: 188661
Ion Ratio Lower Upper
122 100
107 111.3 92.0 138.0
121 57.8 47.5 71.3

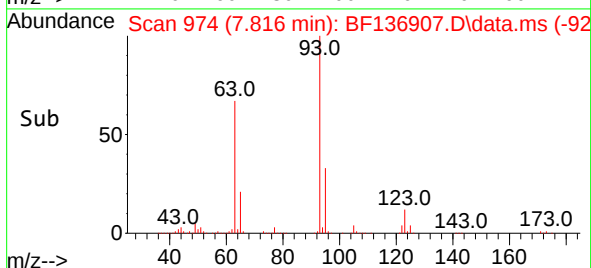
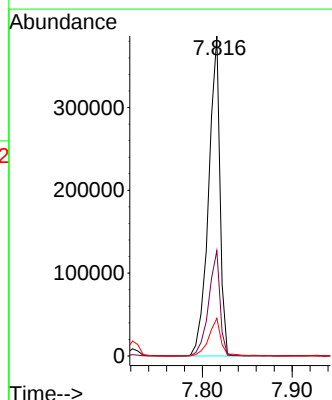
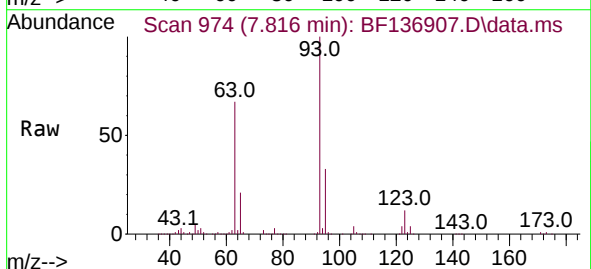
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.811 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 93 Resp: 340099
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.204 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136907.D

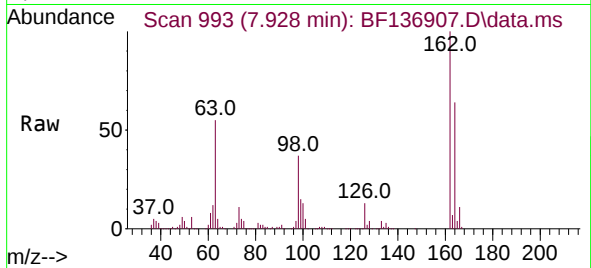
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD



Tgt Ion:162 Resp: 21754

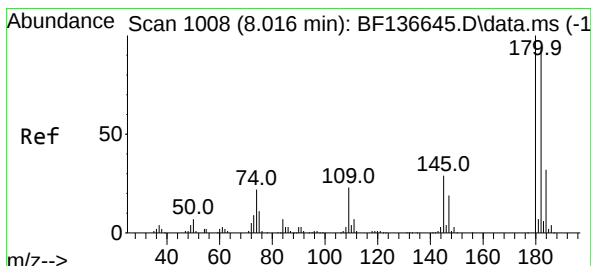
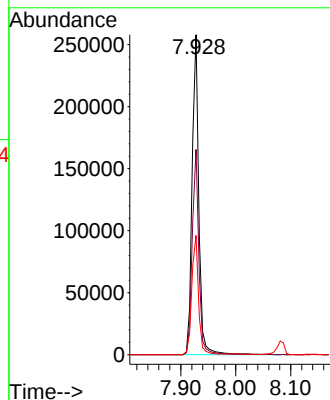
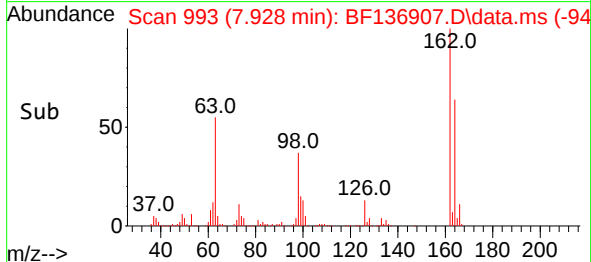
Ion	Ratio	Lower	Upper
162	100		
164	64.1	41.7	81.7
98	37.2	19.5	59.5

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.758 ng

RT: 8.004 min Scan# 1006

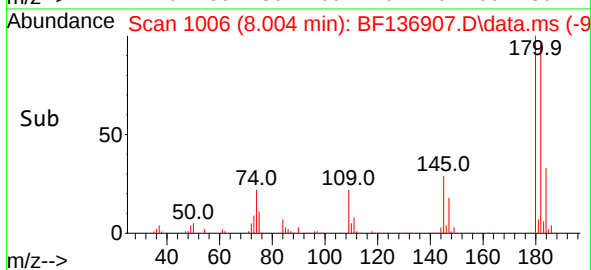
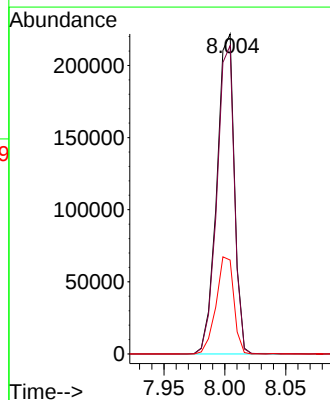
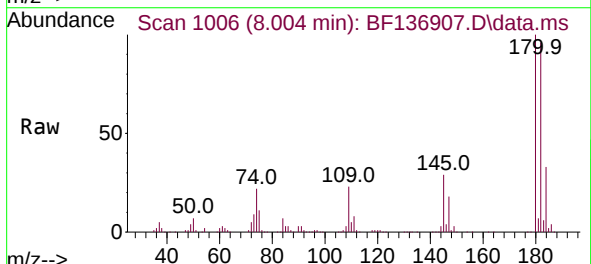
Delta R.T. -0.012 min

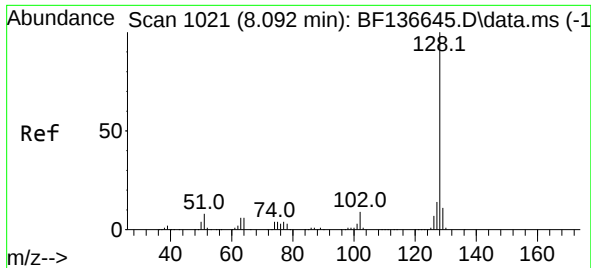
Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Tgt Ion:180 Resp: 222597

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.4	113.0
145	29.4	23.1	34.7





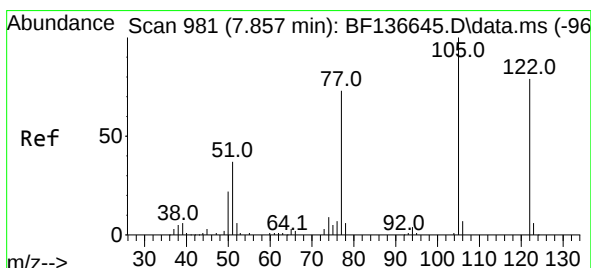
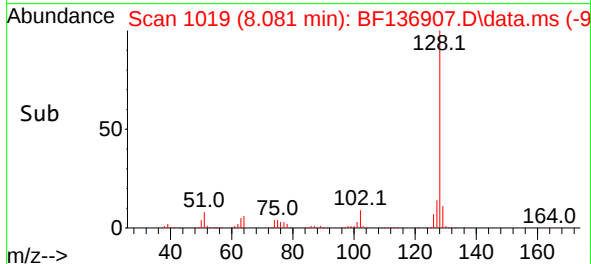
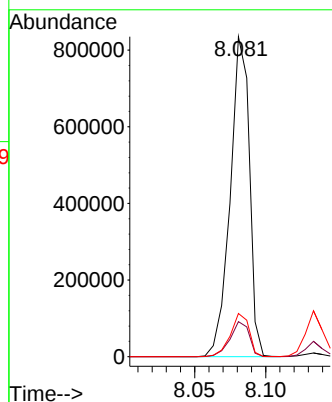
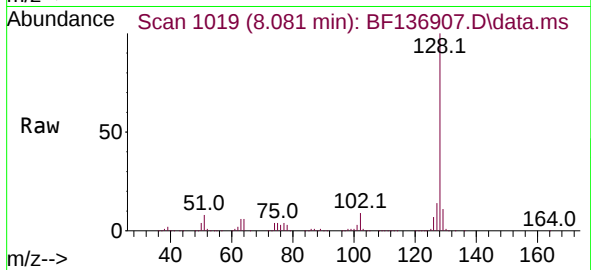
#31
Naphthalene
Concen: 40.678 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

Tgt Ion:128 Resp: 78468
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2

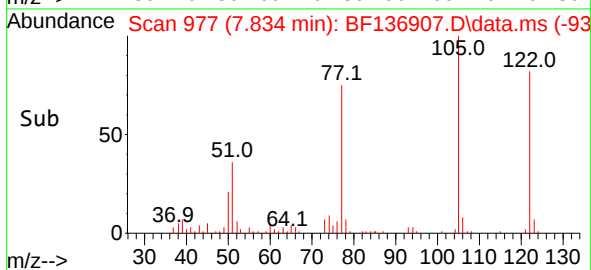
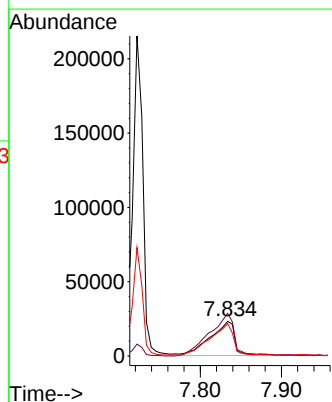
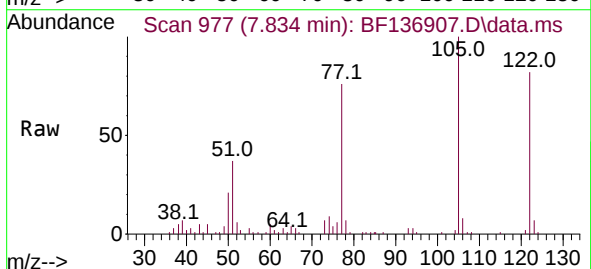
Manual Integrations
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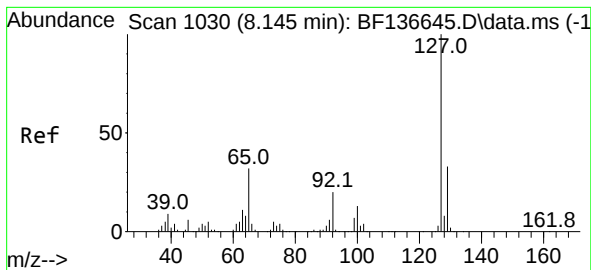
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#32
Benzoic acid
Concen: 12.533 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:122 Resp: 48552
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 93.5 70.9 110.9





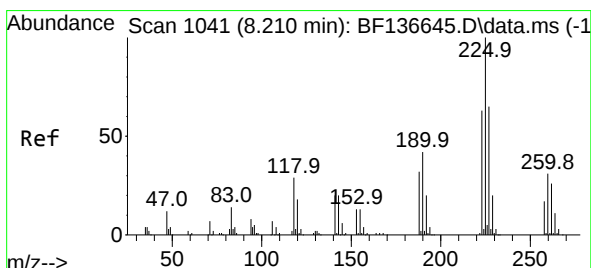
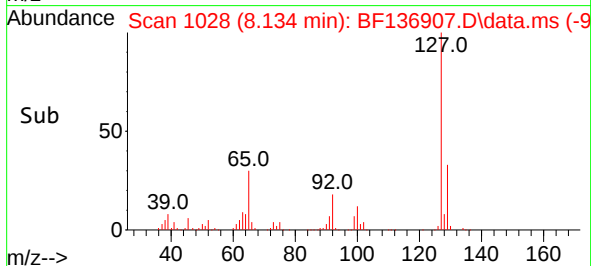
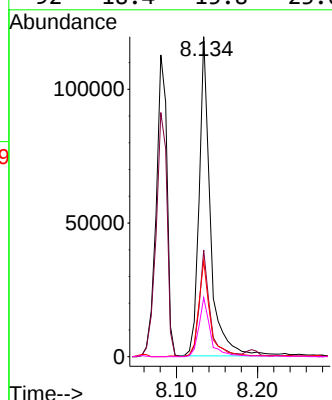
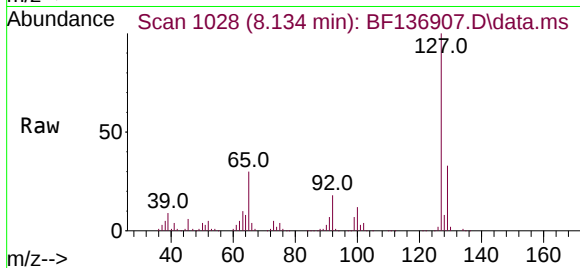
#33
4-Chloroaniline
Concen: 16.227 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

Tgt Ion:	127	Resp:	115570
Ion Ratio	Lower	Upper	
127	100		
129	33.4	26.3	39.5
65	30.0	25.8	38.8
92	18.4	15.8	23.6

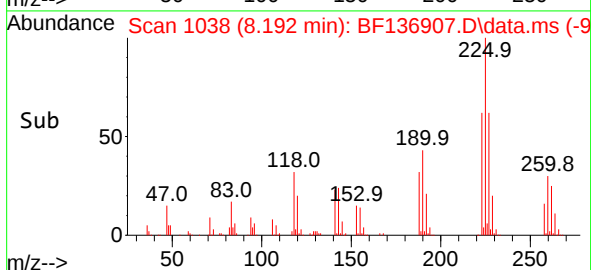
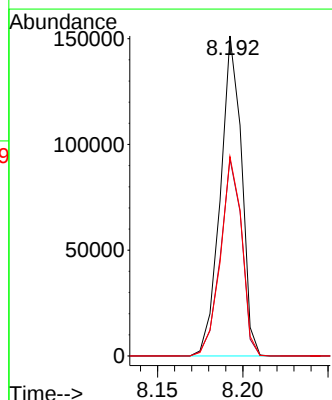
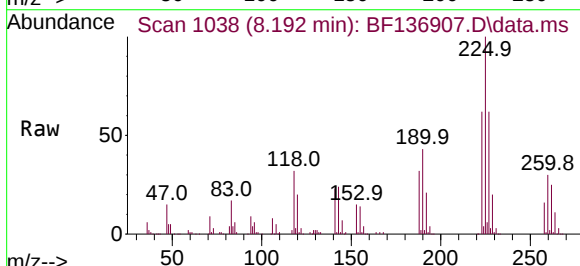
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Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#34
Hexachlorobutadiene
Concen: 37.435 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

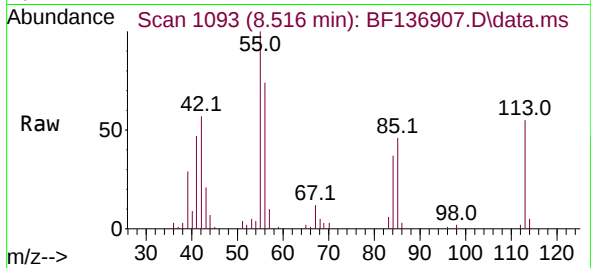
Tgt Ion:	225	Resp:	130623
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.6	76.0
227	62.3	51.9	77.9





#35
 Caprolactam
 Concen: 7.091 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF136907.D
 Acq: 03 Jan 2024 14:52

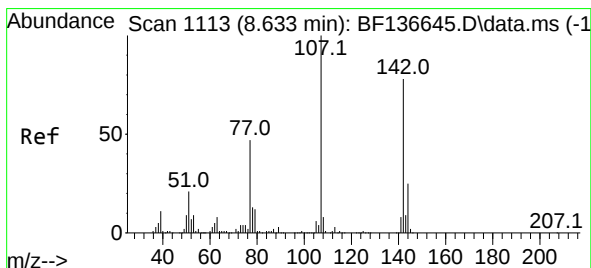
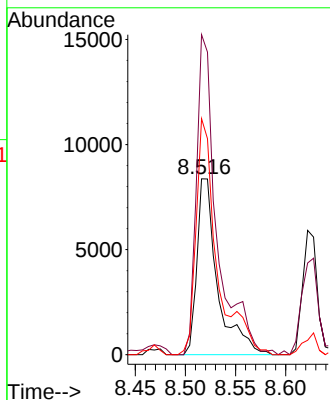
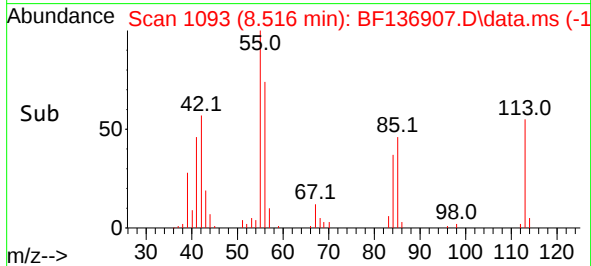
Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023MSD



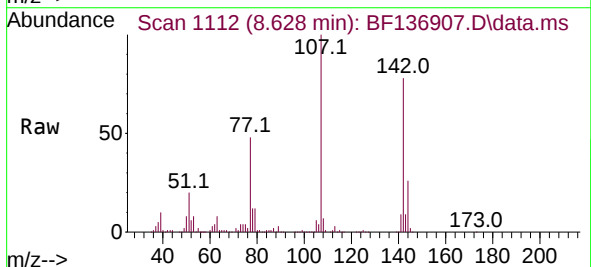
Tgt Ion:113 Resp: 12058
 Ion Ratio Lower Upper
 113 100
 55 181.9 163.1 203.1
 56 134.2 121.7 161.7

Manual Integrations
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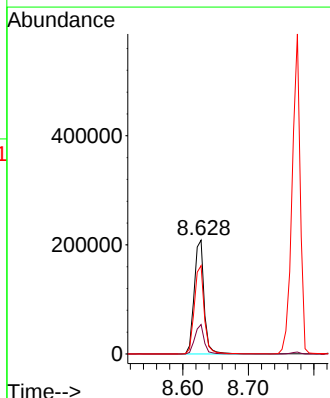
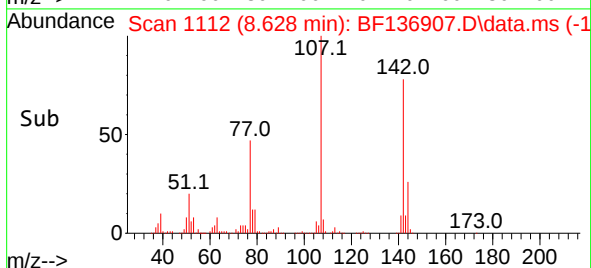
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

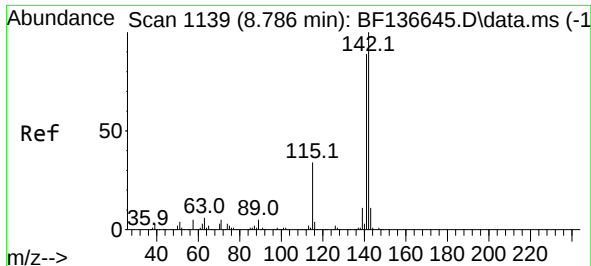


#36
 4-Chloro-3-methylphenol
 Concen: 37.849 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136907.D
 Acq: 03 Jan 2024 14:52



Tgt Ion:107 Resp: 219634
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 77.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.605 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

Tgt Ion:142 Resp: 504094

Ion Ratio Lower Upper

142 100

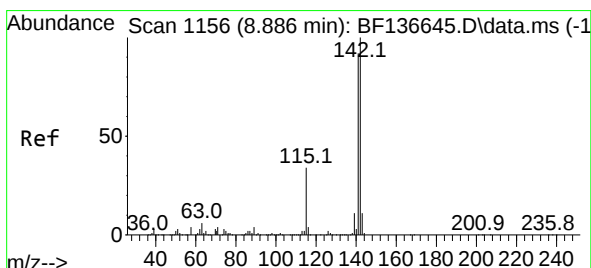
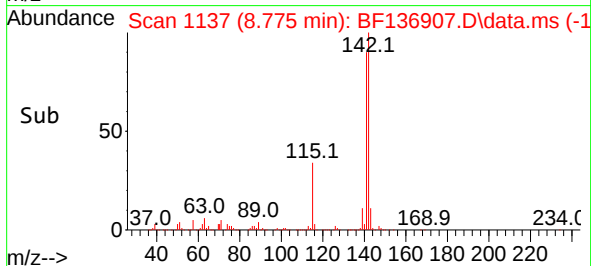
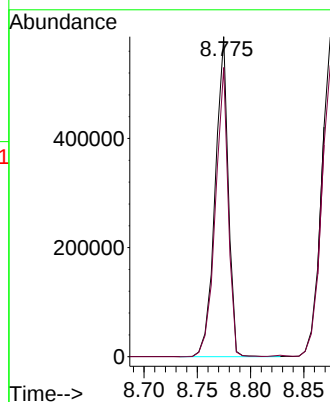
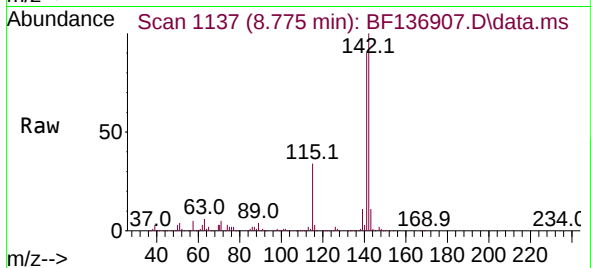
141 90.3 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#38

1-Methylnaphthalene

Concen: 40.642 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136907.D

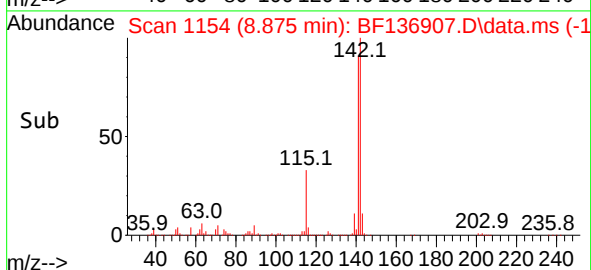
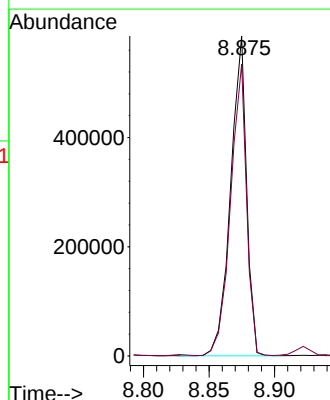
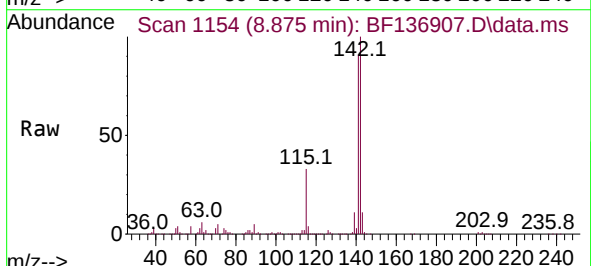
Acq: 03 Jan 2024 14:52

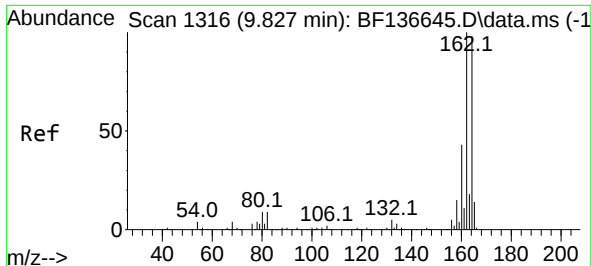
Tgt Ion:142 Resp: 495010

Ion Ratio Lower Upper

142 100

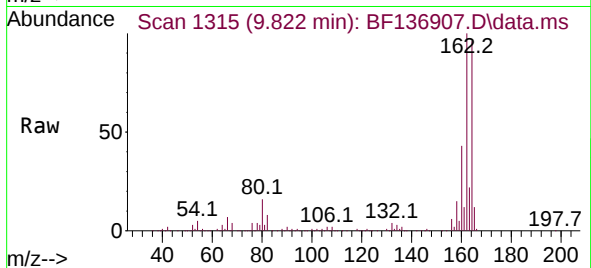
141 91.1 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

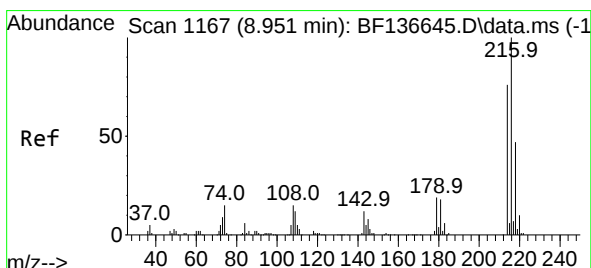
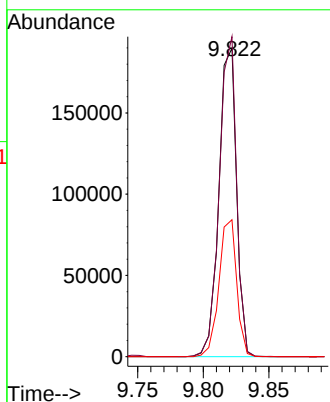
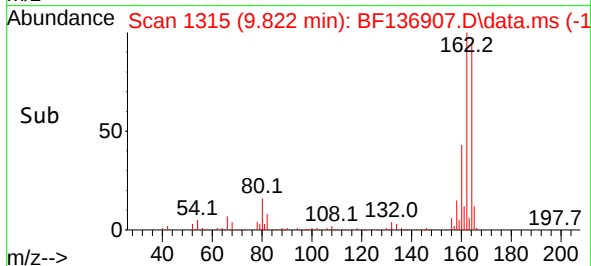
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



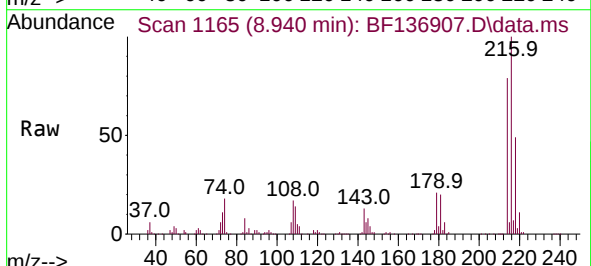
Tgt Ion:164 Resp: 177609
Ion Ratio Lower Upper
164 100
162 103.7 81.6 122.4
160 44.4 34.9 52.3

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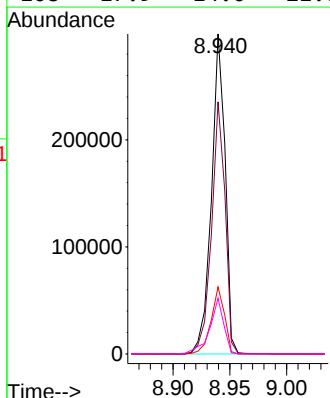
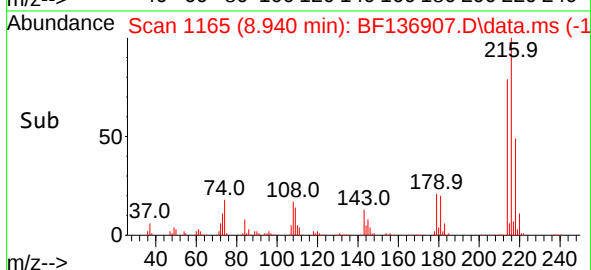
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

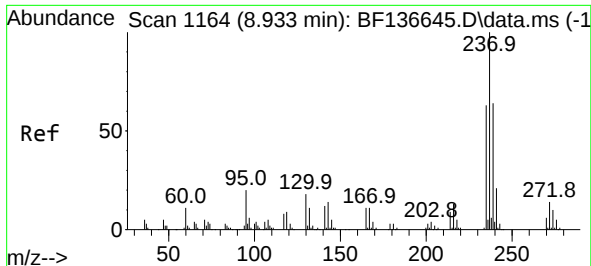


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.410 ng
RT: 8.940 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



Tgt Ion:216 Resp: 249773
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 20.5 16.4 24.6
108 17.9 14.0 21.0





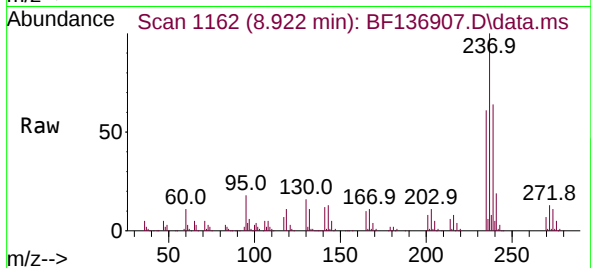
#41
Hexachlorocyclopentadiene
Concen: 67.702 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

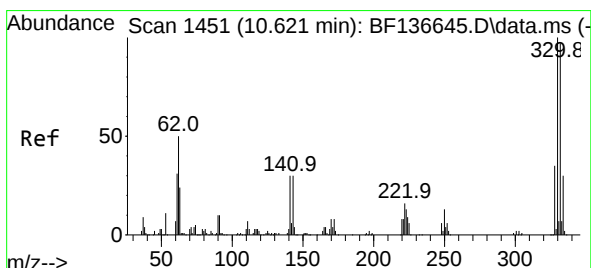
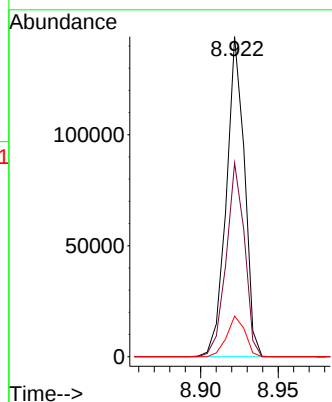
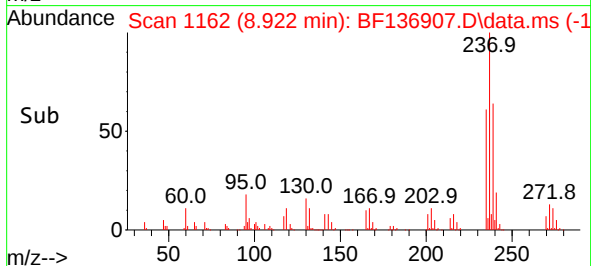


Tgt Ion:237 Resp: 117329
Ion Ratio Lower Upper
237 100
235 60.6 43.2 83.2
272 12.7 0.0 34.2

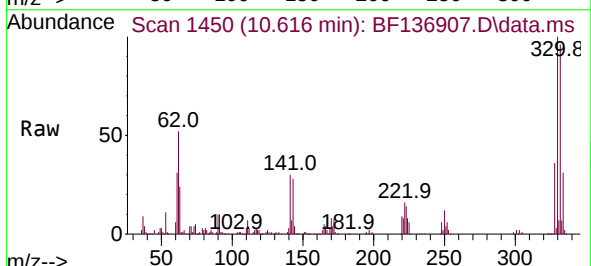
Manual Integrations

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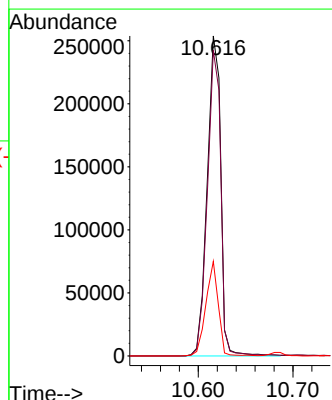
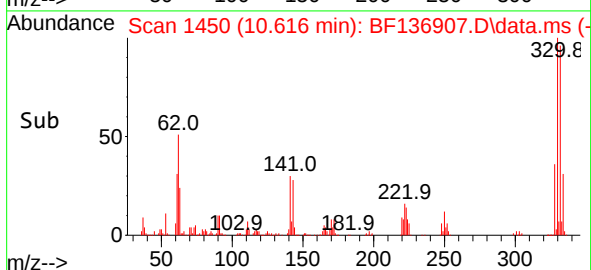
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#42
2,4,6-Tribromophenol
Concen: 120.176 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



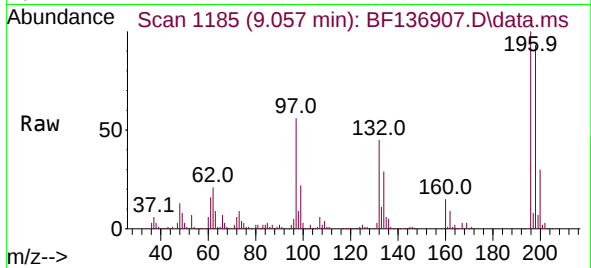
Tgt Ion:330 Resp: 251377
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 27.3 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 45.379 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

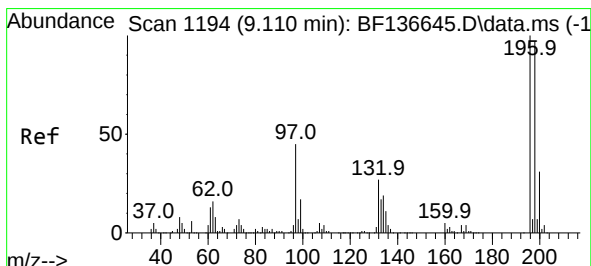
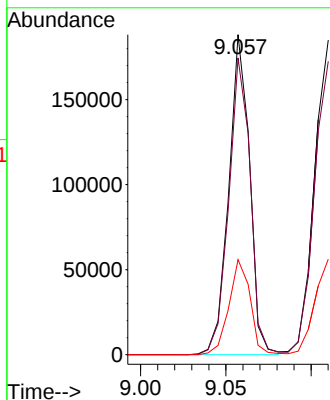
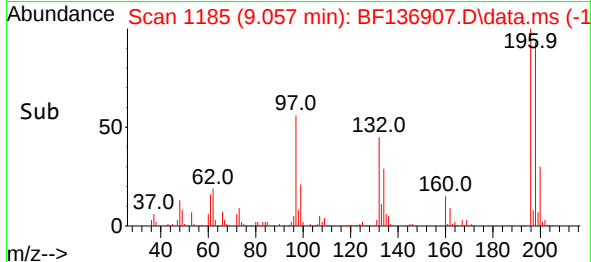
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:196 Resp: 160070
Ion Ratio Lower Upper
196 100
198 92.8 75.1 112.7
200 29.7 22.5 33.7

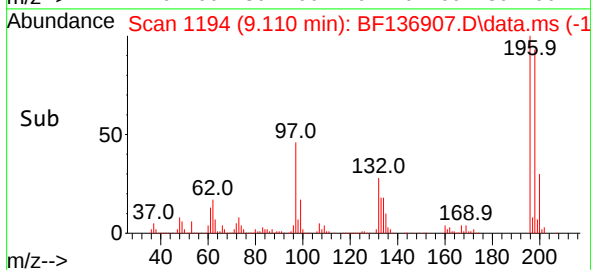
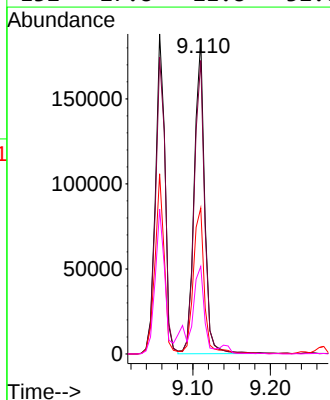
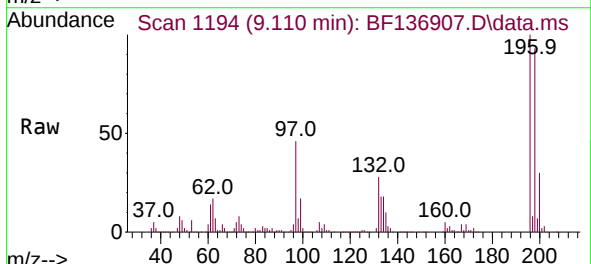
Manual Integrations
APPROVED

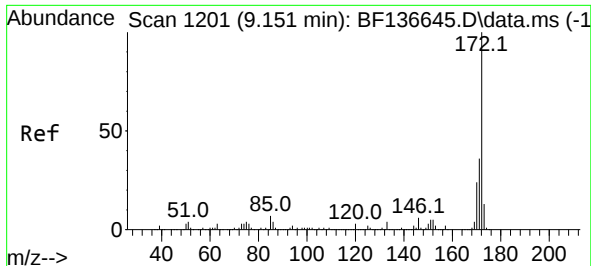
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#44
2,4,5-Trichlorophenol
Concen: 43.755 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:196 Resp: 171998
Ion Ratio Lower Upper
196 100
198 93.2 77.0 115.6
97 46.4 36.1 54.1
132 27.8 21.8 32.6





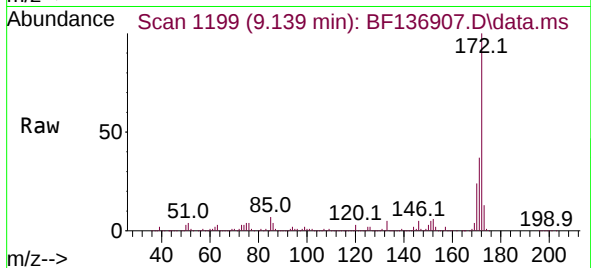
#45
2-Fluorobiphenyl
Concen: 83.922 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD



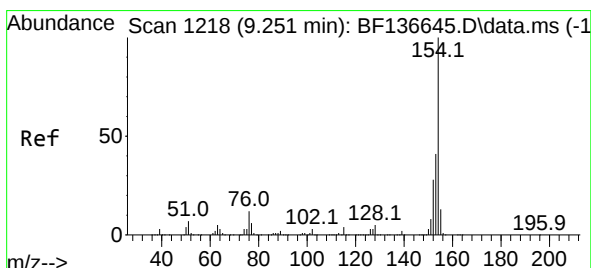
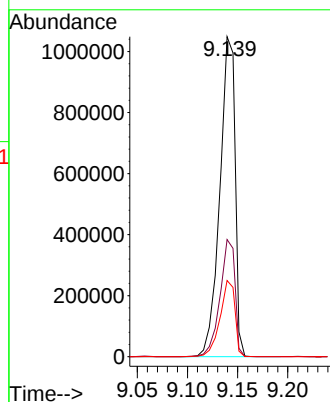
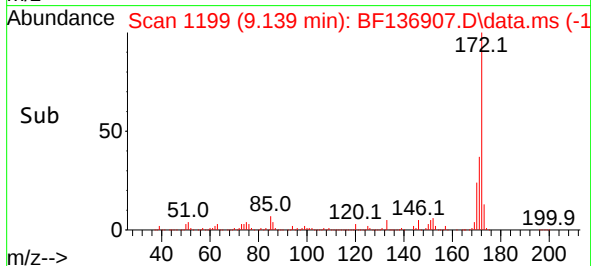
Tgt Ion:172 Resp: 1108218
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 23.8 19.0 28.4

Manual Integrations

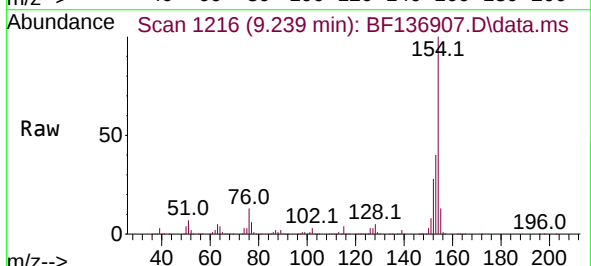
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

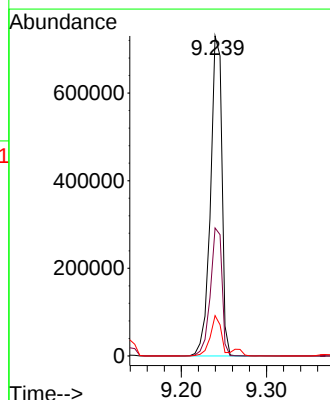
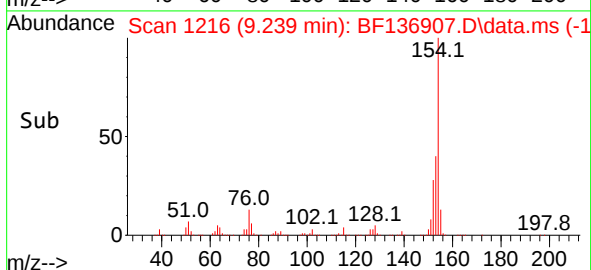
Supervised By :mohammad ahmed 01/04/2024

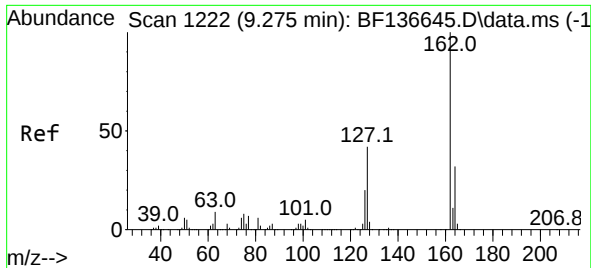


#46
1,1'-Biphenyl
Concen: 45.647 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



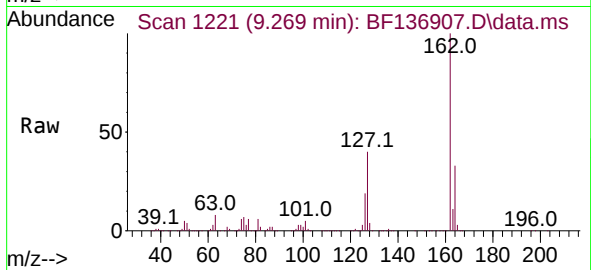
Tgt Ion:154 Resp: 680325
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 12.6 0.0 31.7





#47
2-Chloronaphthalene
Concen: 43.171 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

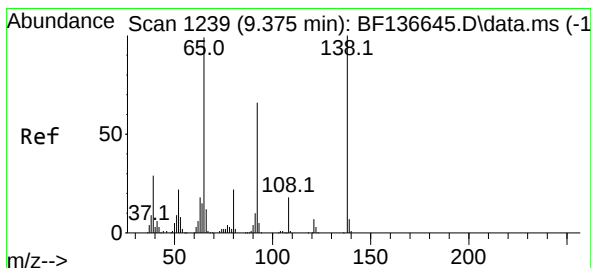
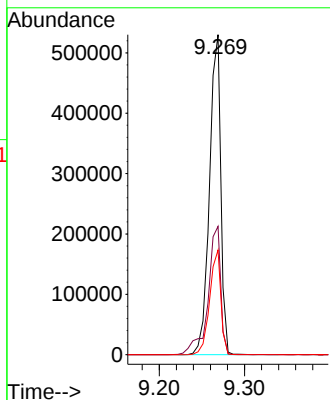
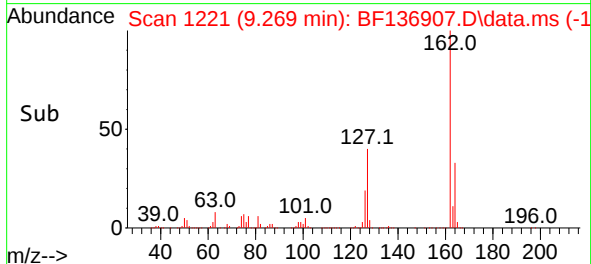
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:162 Resp: 489140
Ion Ratio Lower Upper
162 100
127 40.1 33.6 50.4
164 32.7 25.7 38.5

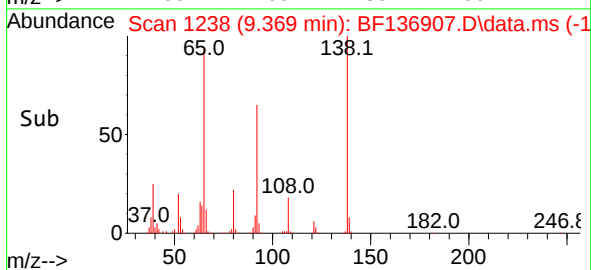
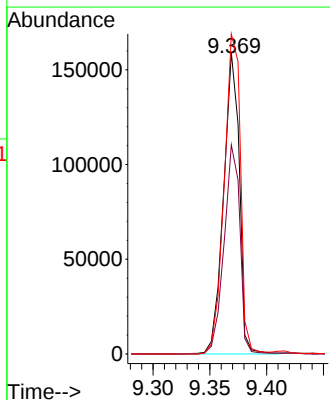
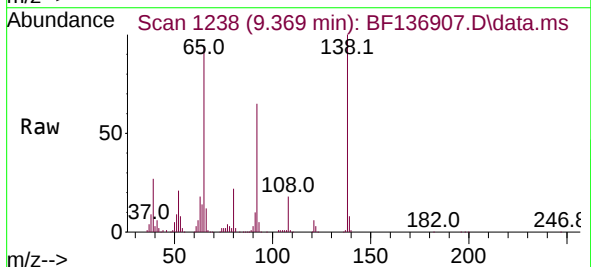
Manual Integrations
APPROVED

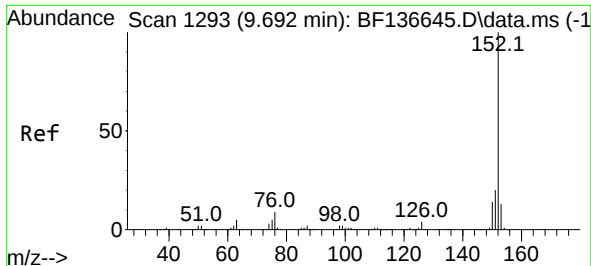
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#48
2-Nitroaniline
Concen: 43.318 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion: 65 Resp: 153697
Ion Ratio Lower Upper
65 100
92 69.4 53.2 79.8
138 106.2 81.1 121.7





#49

Acenaphthylene

Concen: 45.583 ng

RT: 9.681 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF136907.D

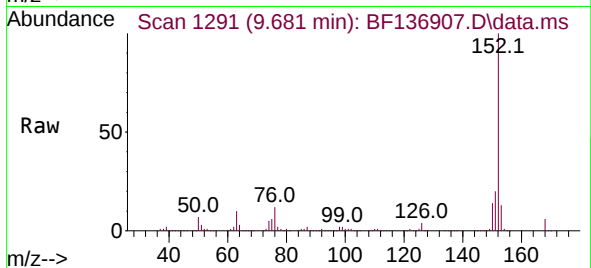
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD



Tgt Ion:152 Resp: 789420

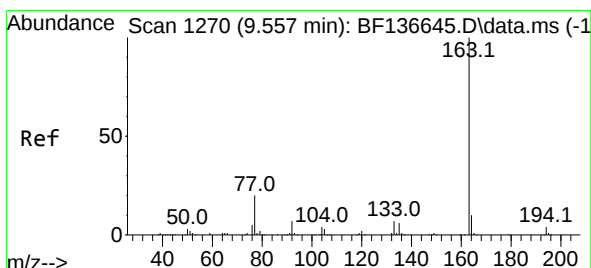
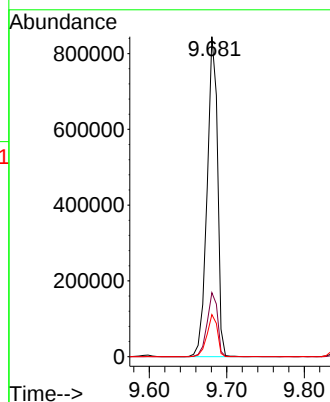
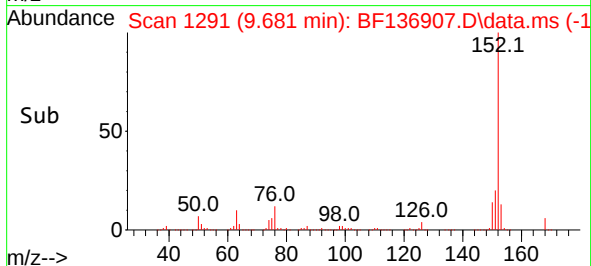
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#50

Dimethylphthalate

Concen: 45.132 ng

RT: 9.551 min Scan# 1269

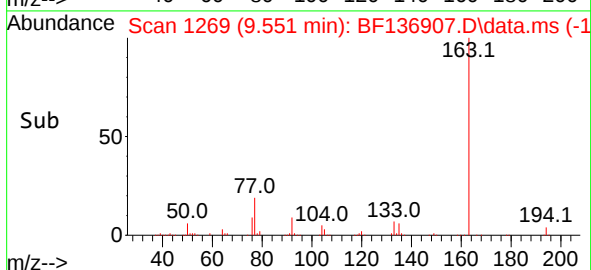
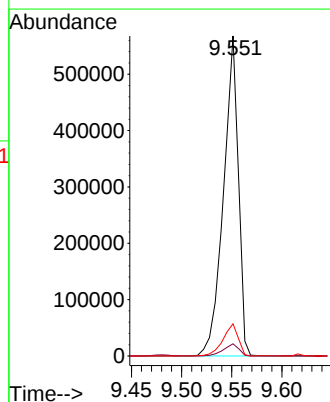
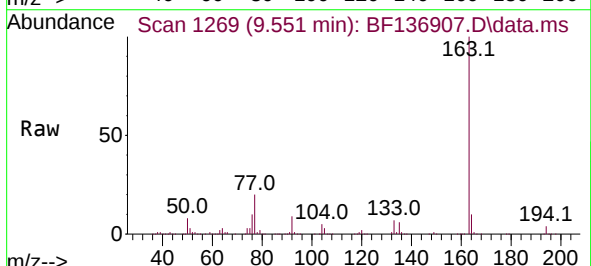
Delta R.T. -0.006 min

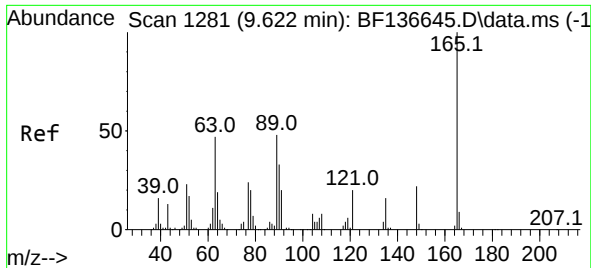
Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Tgt Ion:163 Resp: 585502

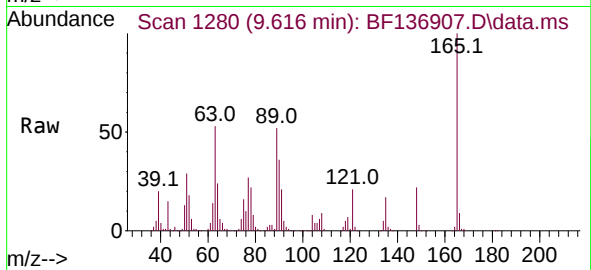
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.1	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 43.400 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

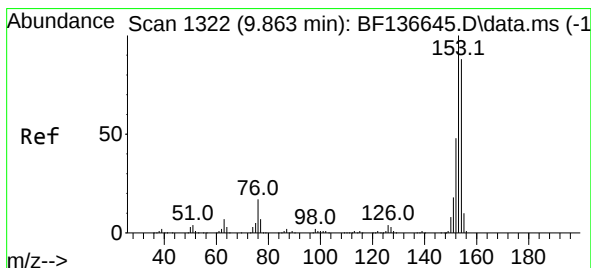
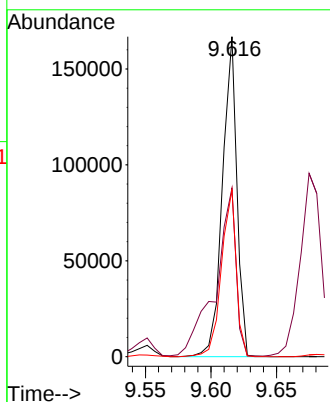
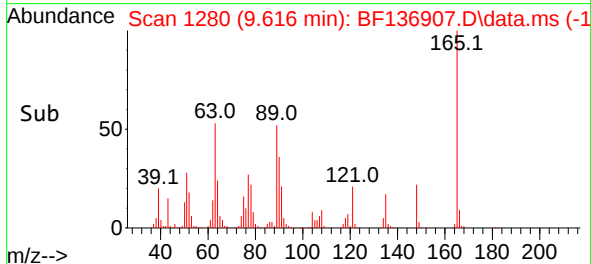
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:165 Resp: 127779
Ion Ratio Lower Upper
165 100
63 52.7 39.8 59.6
89 52.1 38.8 58.2

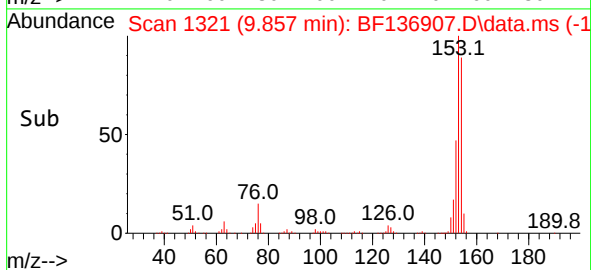
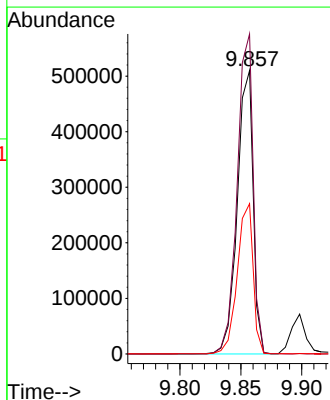
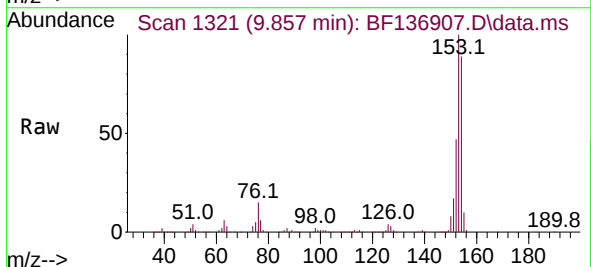
Manual Integrations
APPROVED

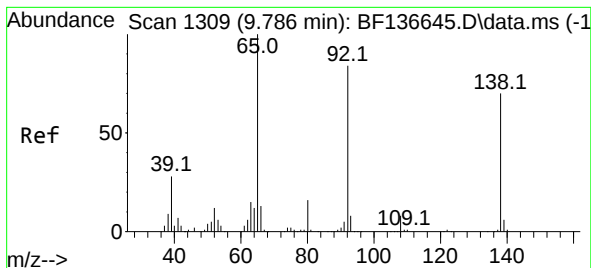
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#52
Acenaphthene
Concen: 43.264 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:154 Resp: 464452
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 53.0 43.7 65.5





#53

3-Nitroaniline

Concen: 25.335 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

Tgt Ion:138 Resp: 79018

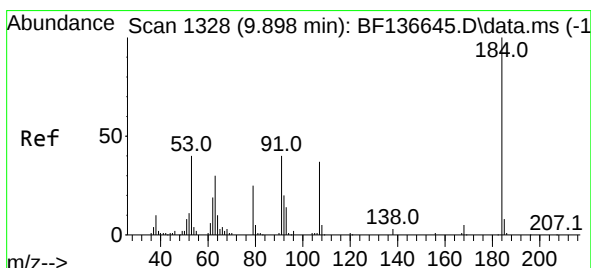
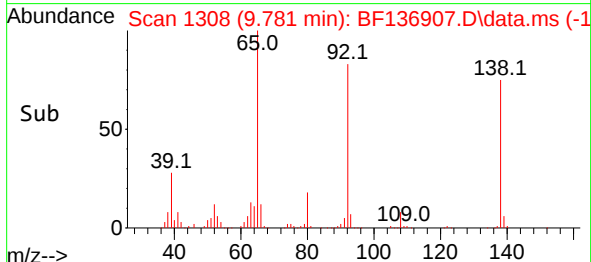
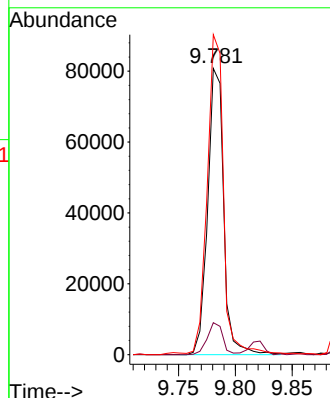
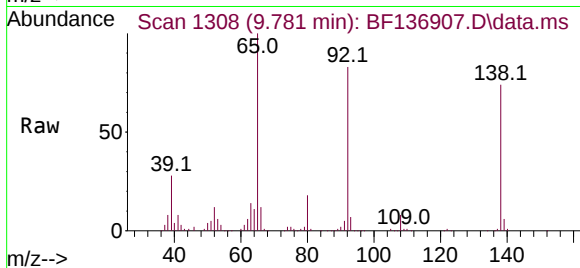
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	12.8
92	111.8	95.2	142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#54

2,4-Dinitrophenol

Concen: 65.676 ng

RT: 9.898 min Scan# 1328

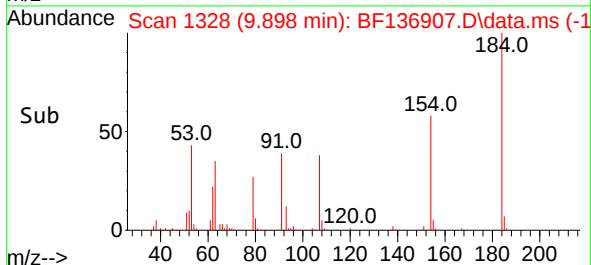
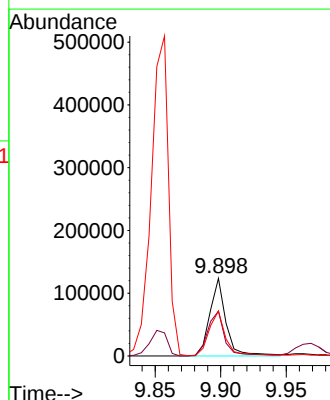
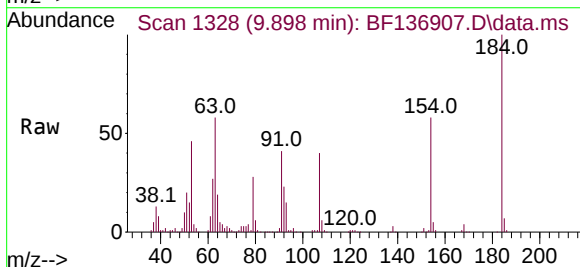
Delta R.T. 0.000 min

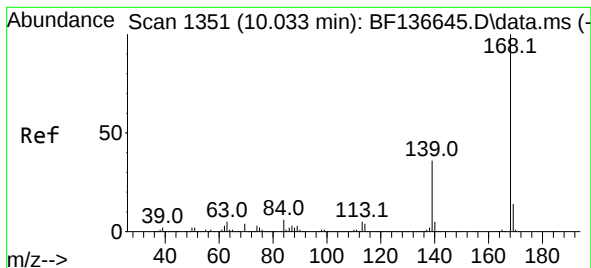
Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Tgt Ion:184 Resp: 106022

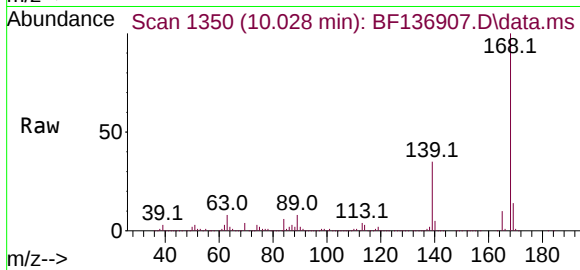
Ion	Ratio	Lower	Upper
184	100		
63	57.8	40.9	61.3
154	57.9	42.7	64.1





#55
Dibenzenofuran
Concen: 43.038 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

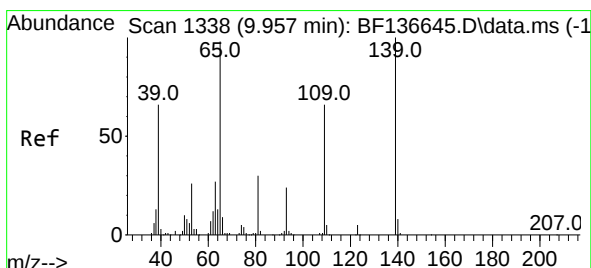
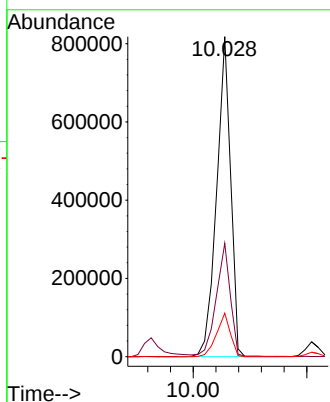
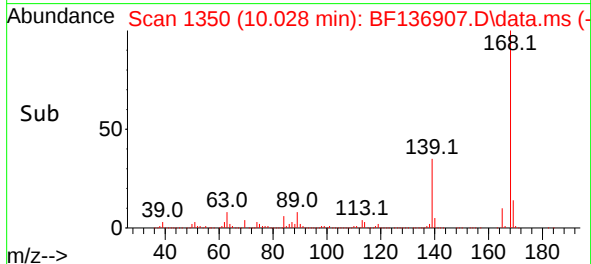
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:168 Resp: 700362
Ion Ratio Lower Upper
168 100
139 35.4 29.3 43.9
169 13.6 11.0 16.4

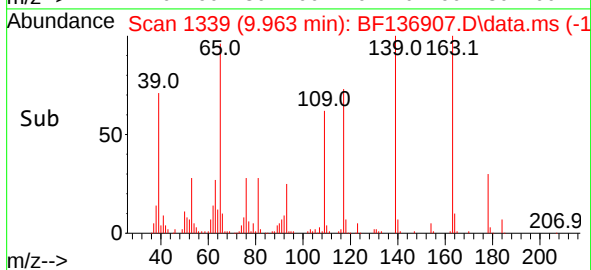
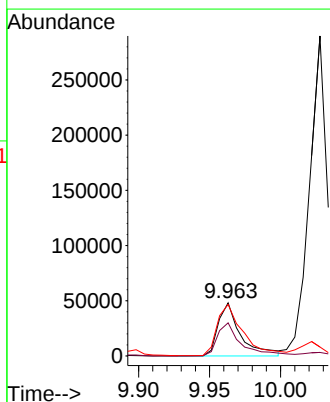
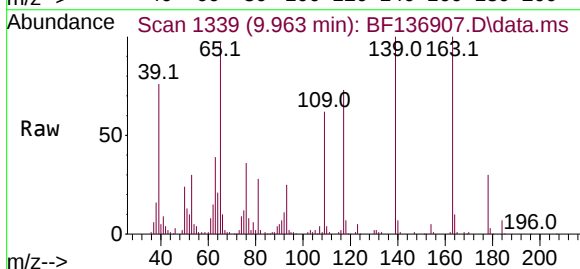
Manual Integrations
APPROVED

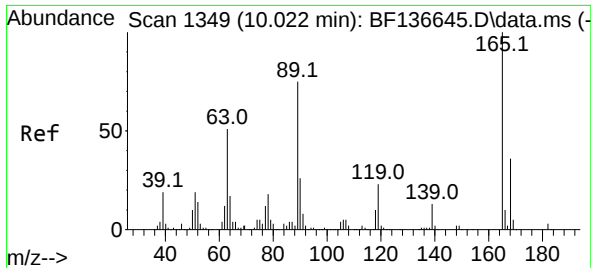
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#56
4-Nitrophenol
Concen: 25.162 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

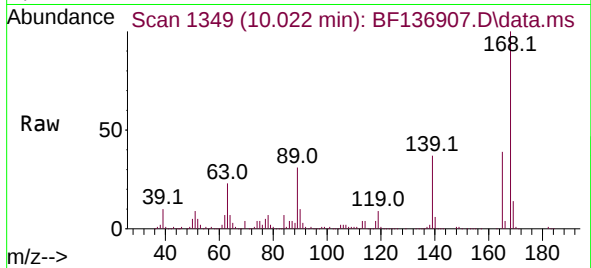
Tgt Ion:139 Resp: 52977
Ion Ratio Lower Upper
139 100
109 62.4 45.8 85.8
65 96.8 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 40.961 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

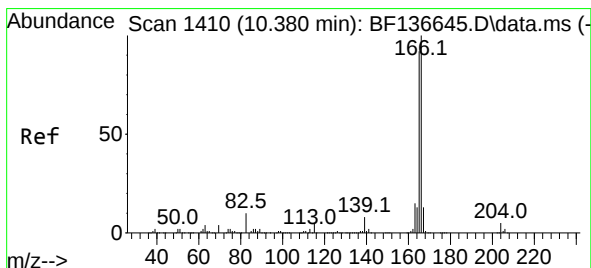
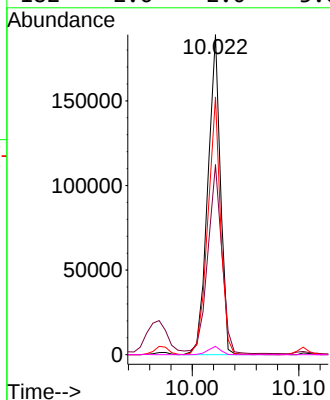
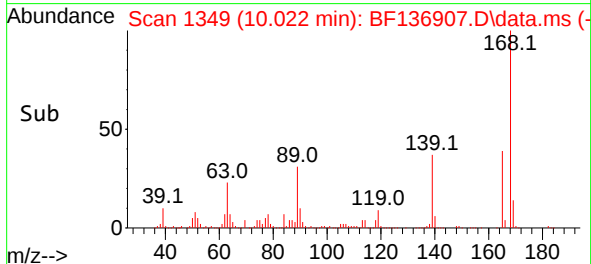
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



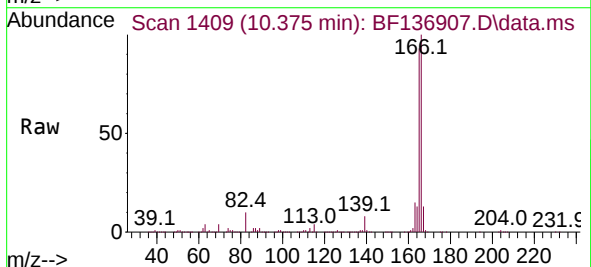
Tgt Ion:165 Resp: 15656
Ion Ratio Lower Upper
165 100
63 59.4 41.0 61.6
89 80.6 59.9 89.9
182 2.6 2.0 3.0

Manual Integrations
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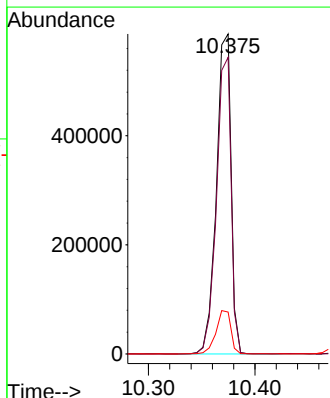
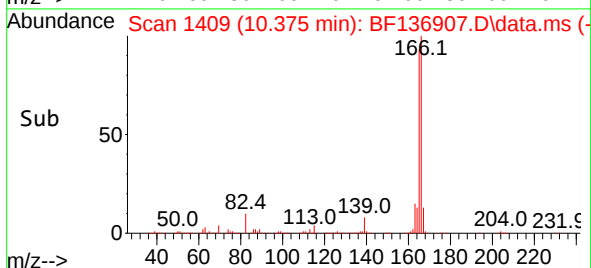
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#58
Fluorene
Concen: 43.325 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



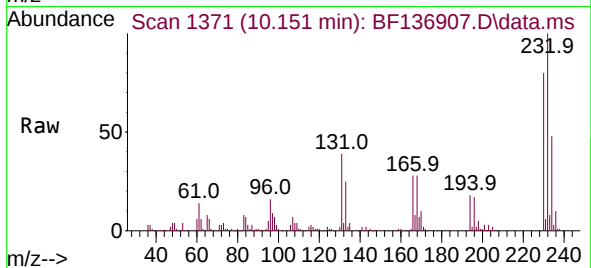
Tgt Ion:166 Resp: 559418
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.579 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

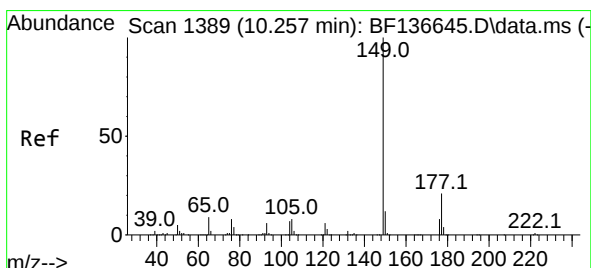
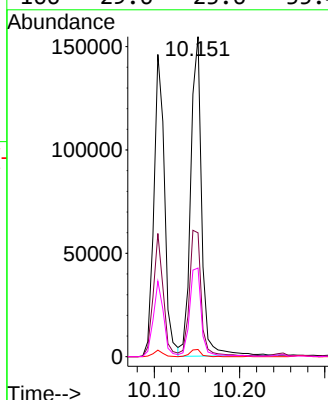
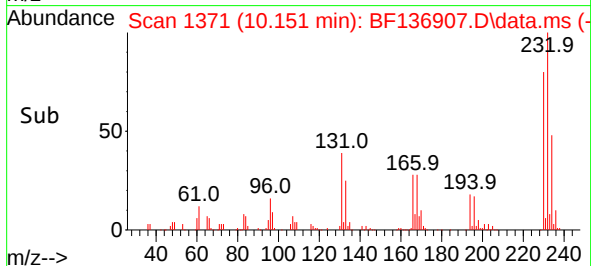
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



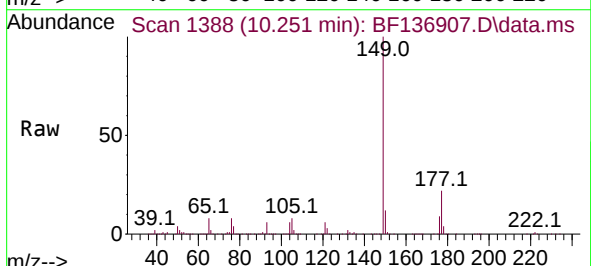
Tgt Ion:232 Resp: 137921
Ion Ratio Lower Upper
232 100
131 41.9 35.1 52.7
130 2.3 1.6 2.4
166 29.6 23.6 35.4

Manual Integrations
APPROVED

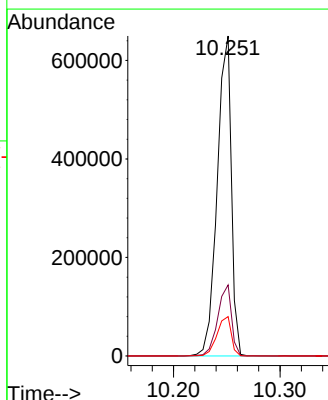
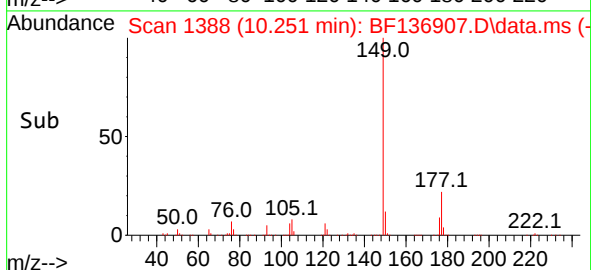
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

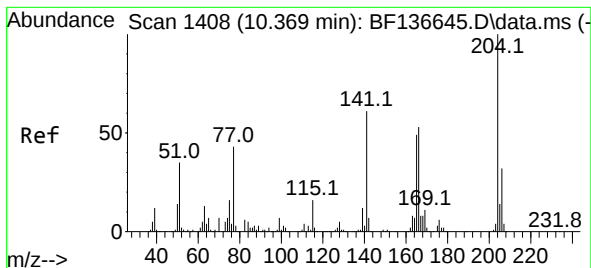


#60
Diethylphthalate
Concen: 44.209 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



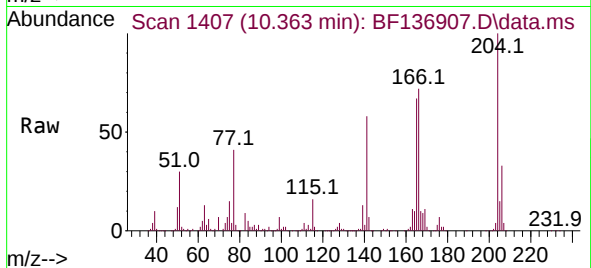
Tgt Ion:149 Resp: 595059
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 41.979 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

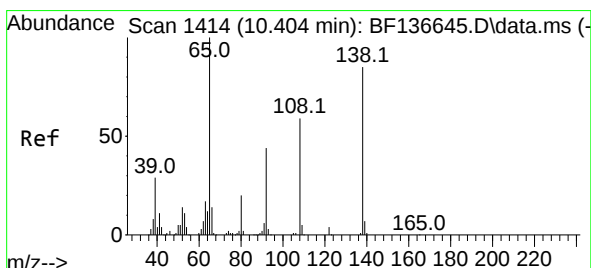
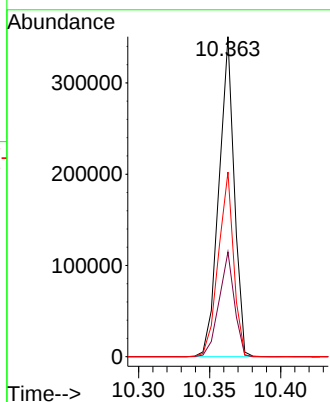
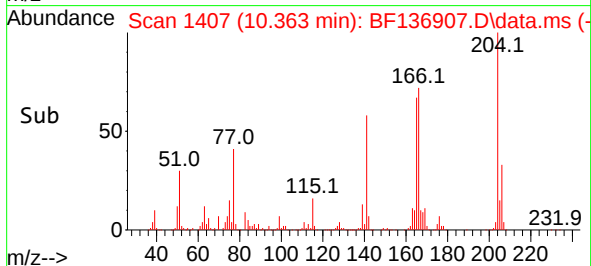
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:204 Resp: 263460
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 57.7 48.4 72.6

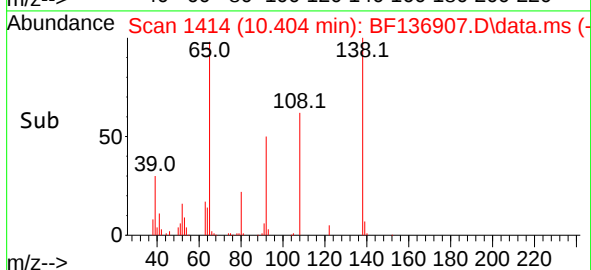
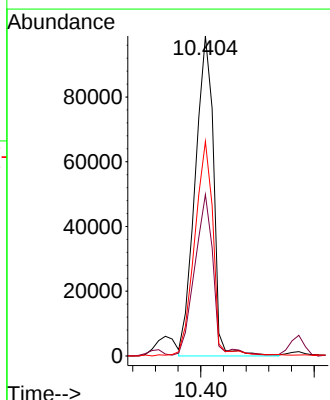
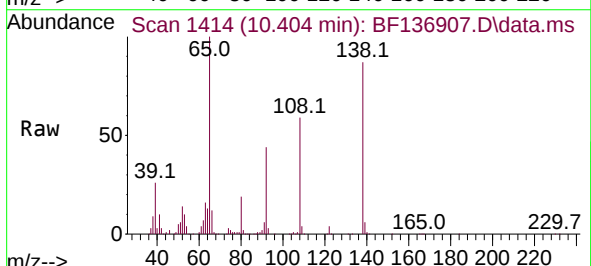
Manual Integrations
APPROVED

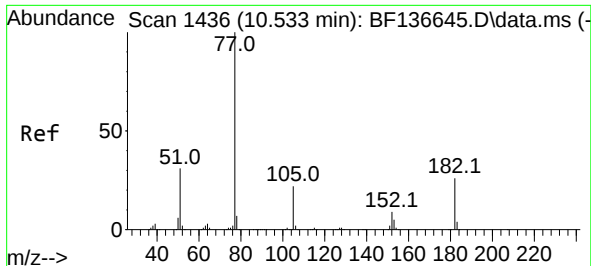
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#62
4-Nitroaniline
Concen: 37.173 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:138 Resp: 111766
Ion Ratio Lower Upper
138 100
92 50.4 32.1 72.1
108 67.1 50.1 90.1





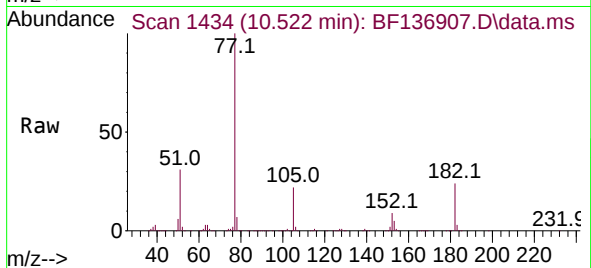
#63
Azobenzene
Concen: 43.042 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD



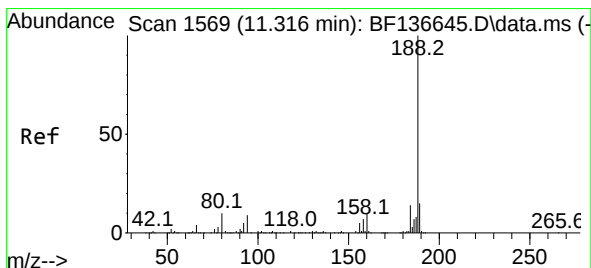
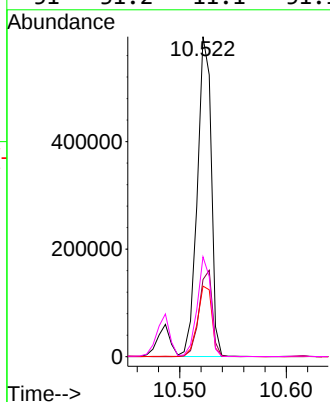
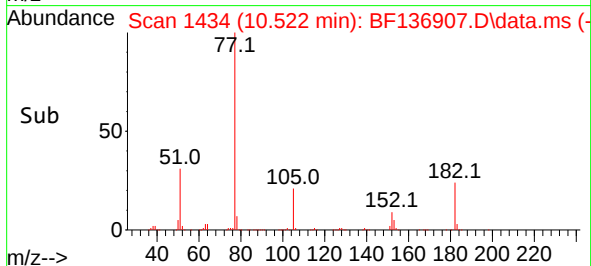
Tgt Ion: 77 Resp: 541120
Ion Ratio Lower Upper
77 100
182 24.1 6.0 46.0
105 22.1 2.3 42.3
51 31.2 11.1 51.1

Manual Integrations

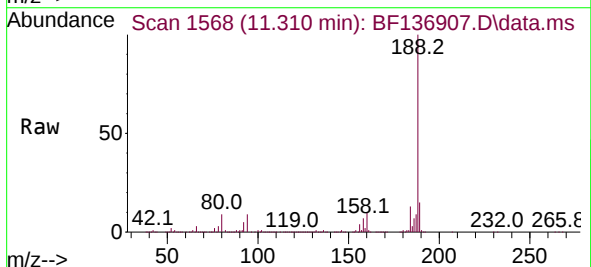
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

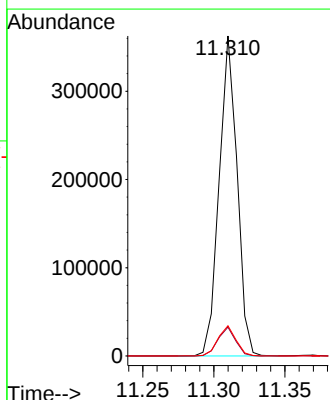
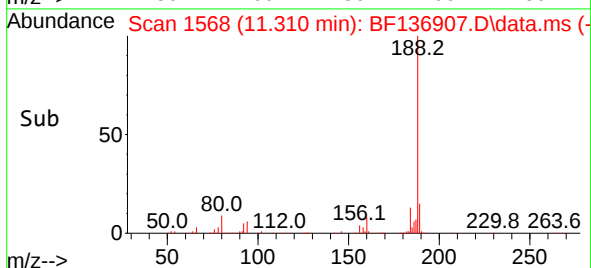
Supervised By :mohammad ahmed 01/04/2024

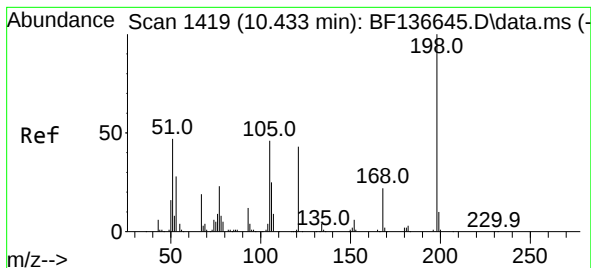


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



Tgt Ion:188 Resp: 318318
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.5 8.1 12.1





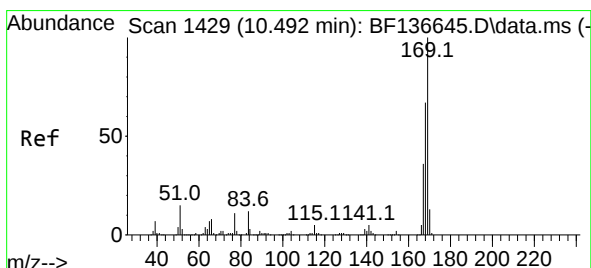
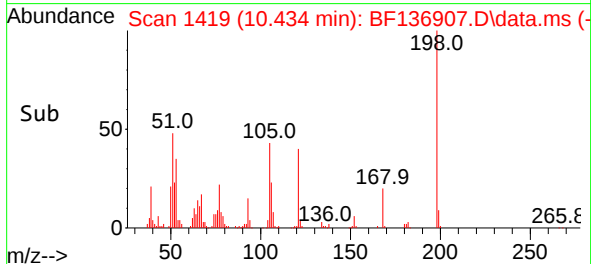
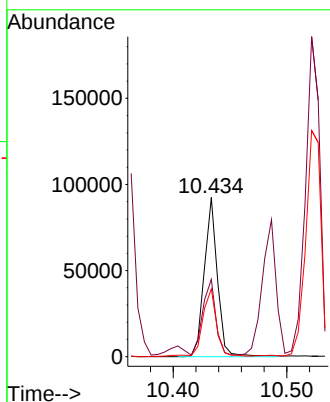
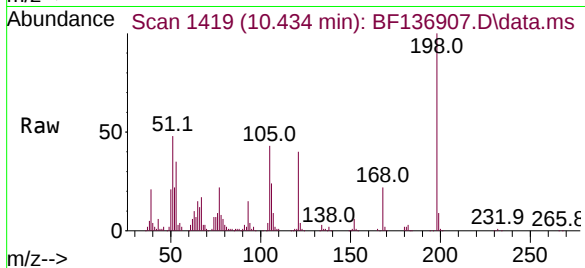
#65
4,6-Dinitro-2-methylphenol
Concen: 40.631 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

Tgt Ion:198 Resp: 7412
Ion Ratio Lower Upper
198 100
51 48.5 34.1 74.1
105 42.5 27.3 67.3

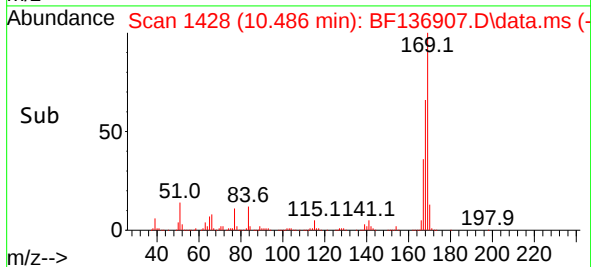
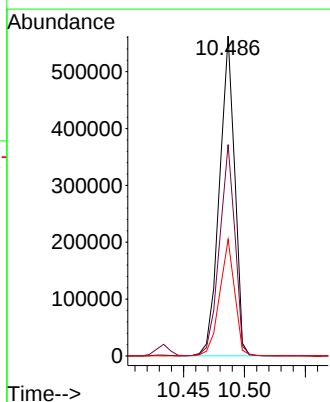
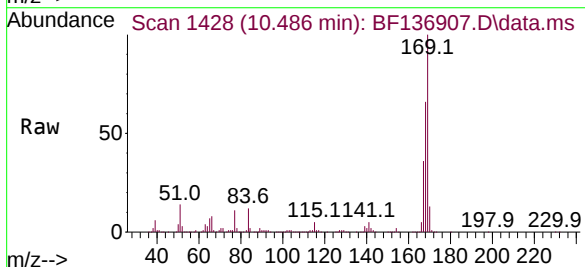
Manual Integrations
APPROVED

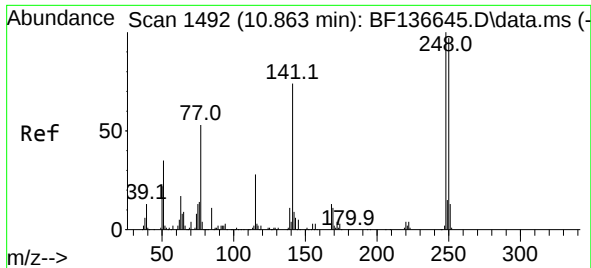
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#66
n-Nitrosodiphenylamine
Concen: 47.467 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

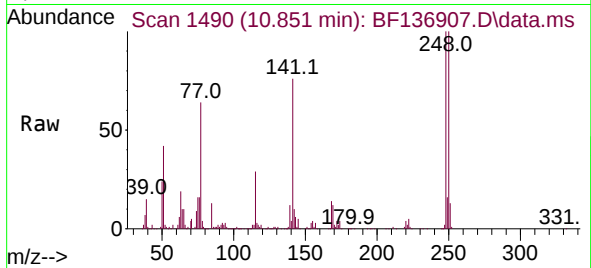
Tgt Ion:169 Resp: 490833
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.271 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

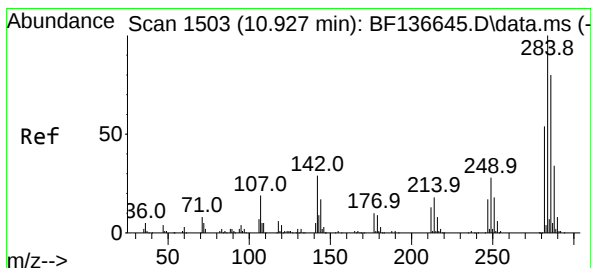
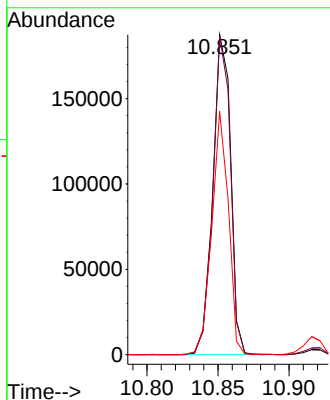
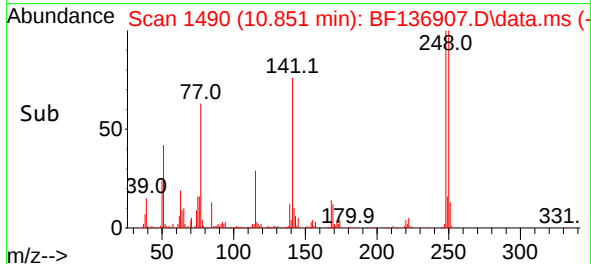
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



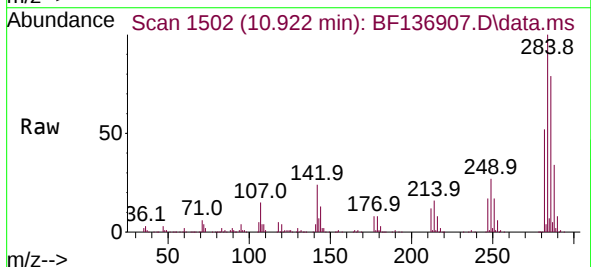
Tgt Ion:248 Resp: 163579
Ion Ratio Lower Upper
248 100
250 99.6 77.8 116.6
141 76.1 59.2 88.8

Manual Integrations
APPROVED

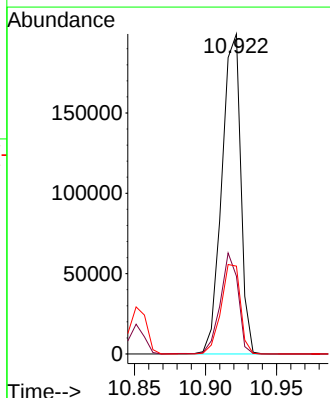
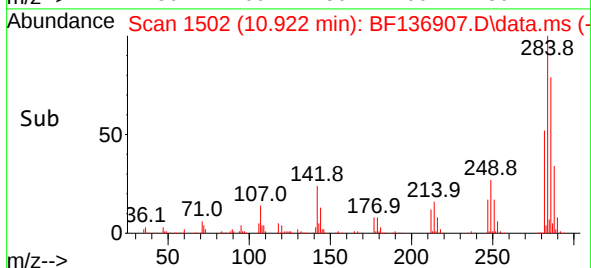
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

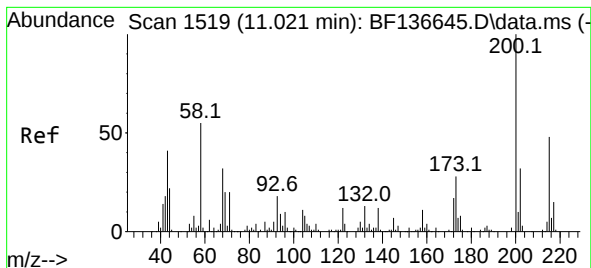


#68
Hexachlorobenzene
Concen: 46.656 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



Tgt Ion:284 Resp: 183808
Ion Ratio Lower Upper
284 100
142 24.3 23.4 35.0
249 27.5 22.3 33.5





#69

Atrazine

Concen: 56.339 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136907.D

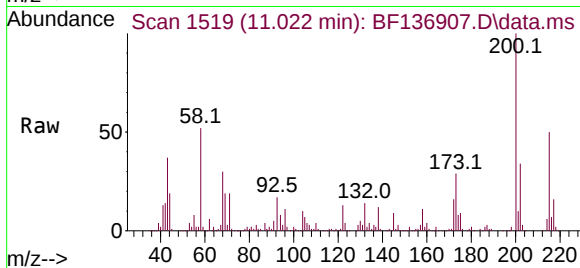
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD



Tgt Ion:200 Resp: 149004

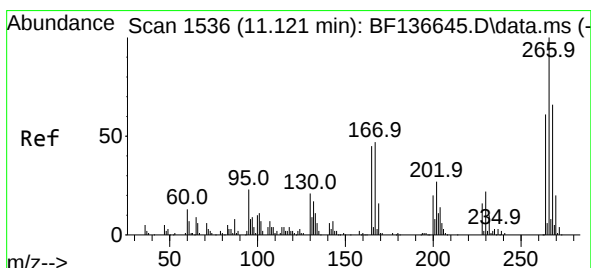
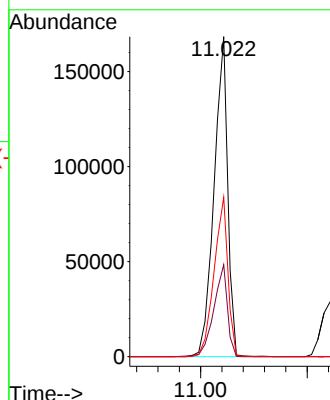
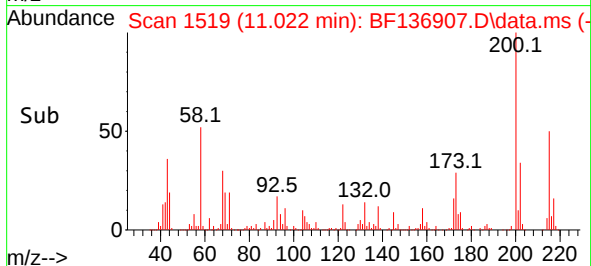
Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.6	47.6
215	49.9	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#70

Pentachlorophenol

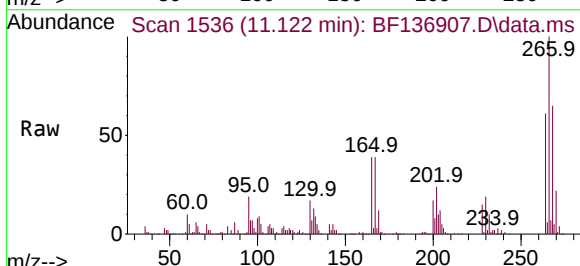
Concen: 90.212 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

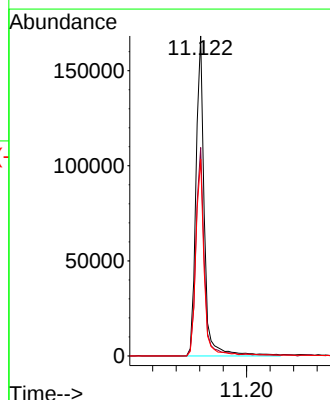
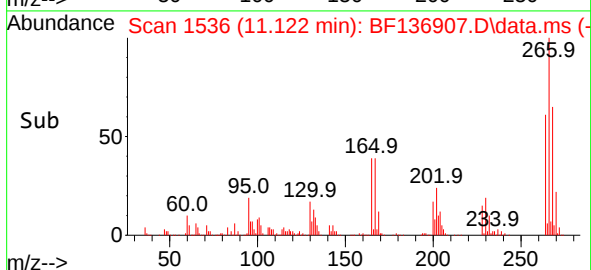
Lab File: BF136907.D

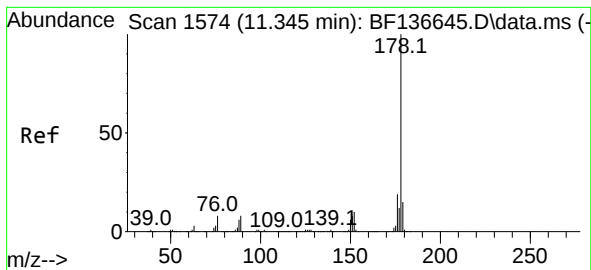
Acq: 03 Jan 2024 14:52



Tgt Ion:266 Resp: 165656

Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.6	78.8
264	61.5	49.0	73.4





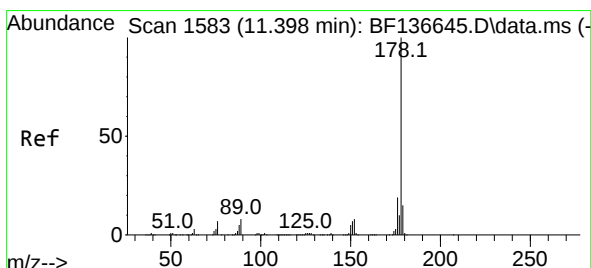
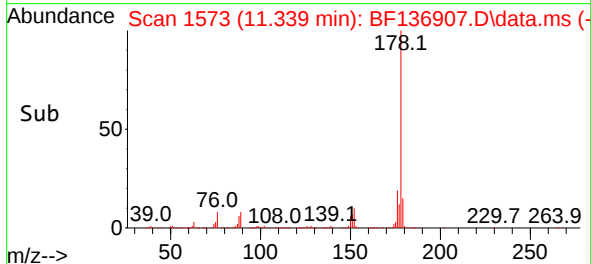
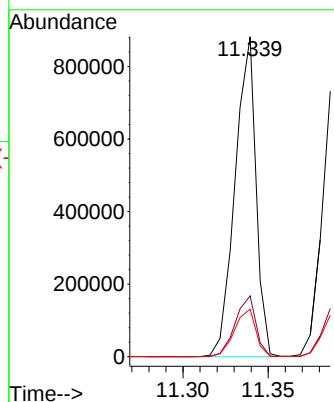
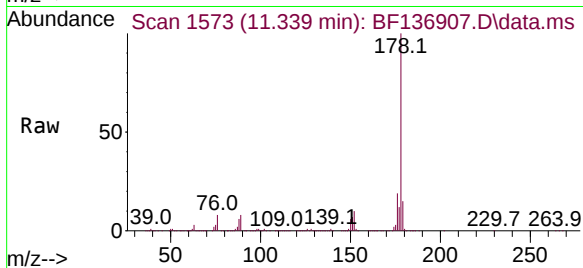
#71
Phenanthrene
Concen: 46.071 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD

Tgt Ion:178 Resp: 75247
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.8 11.9 17.9

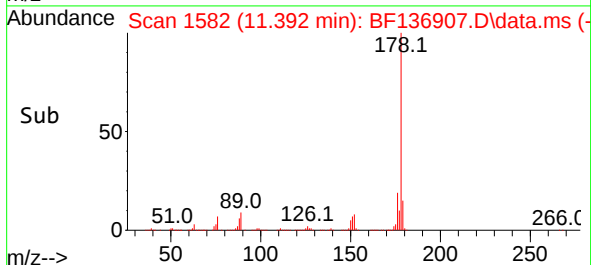
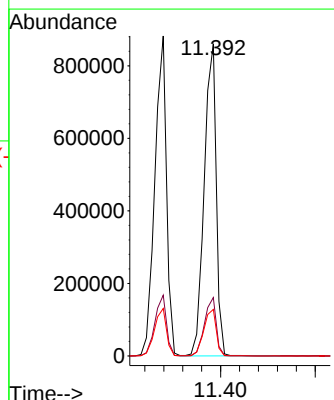
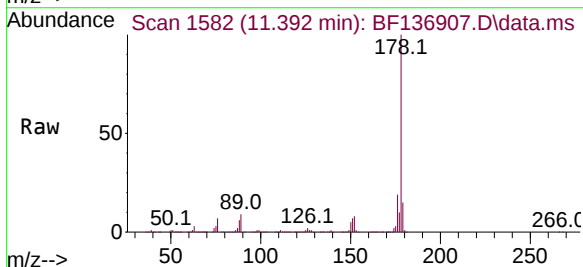
Manual Integrations
APPROVED

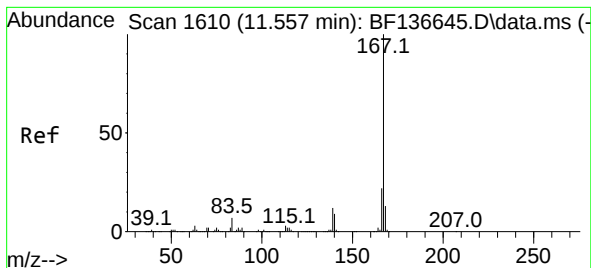
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#72
Anthracene
Concen: 45.704 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:178 Resp: 755992
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.9 11.8 17.6





#73

Carbazole

Concen: 43.070 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

Tgt Ion:167 Resp: 671688

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

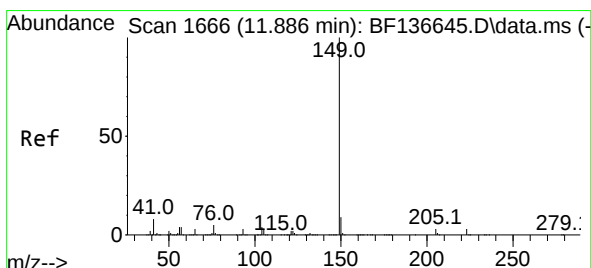
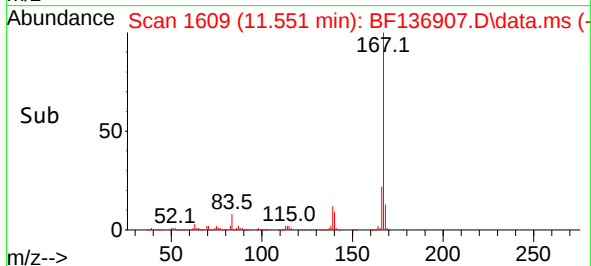
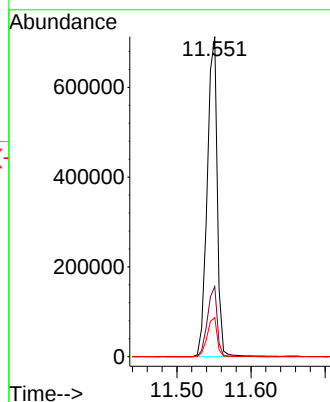
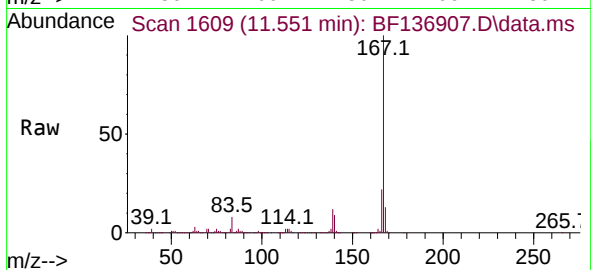
139 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#74

Di-n-butylphthalate

Concen: 47.653 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

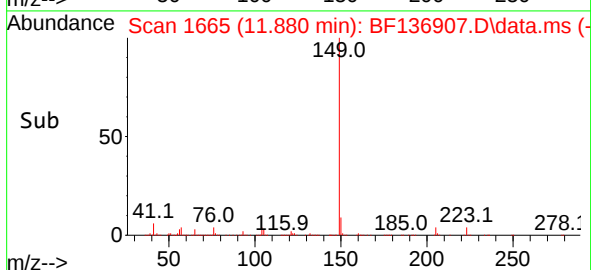
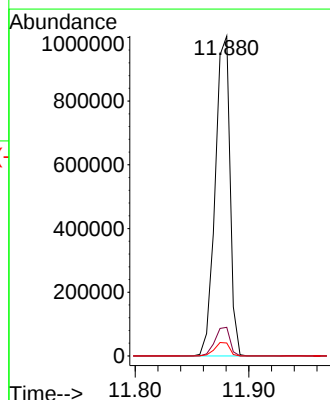
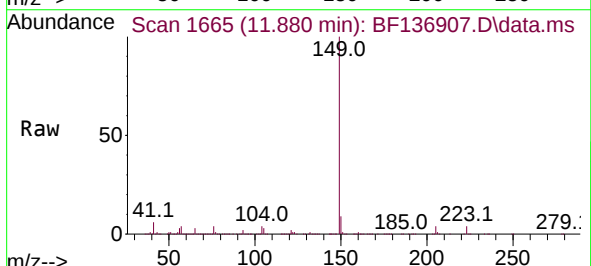
Tgt Ion:149 Resp: 906833

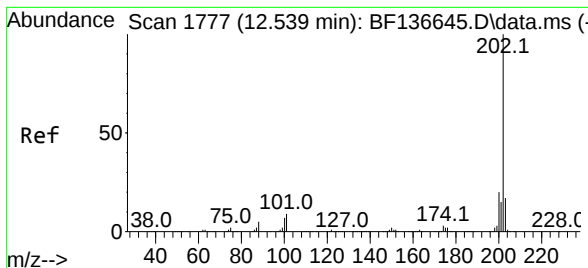
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

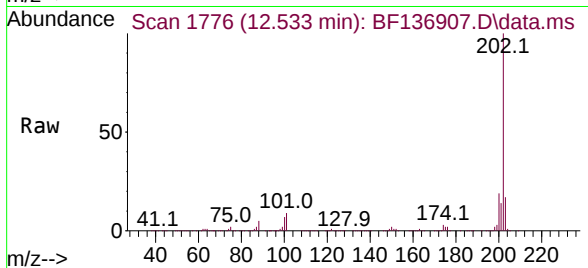
104 4.0 3.6 5.4





#75
Fluoranthene
Concen: 41.105 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

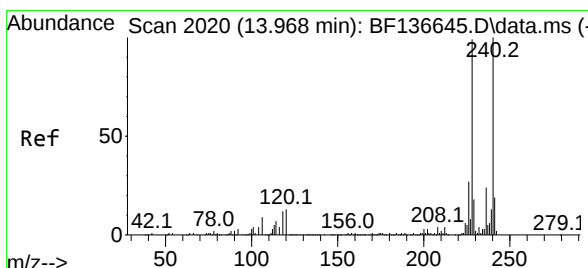
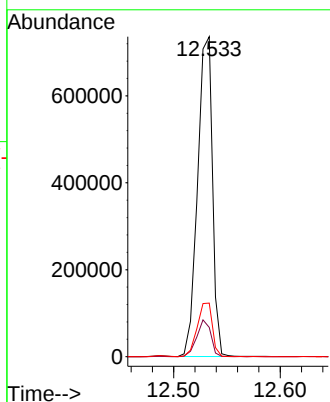
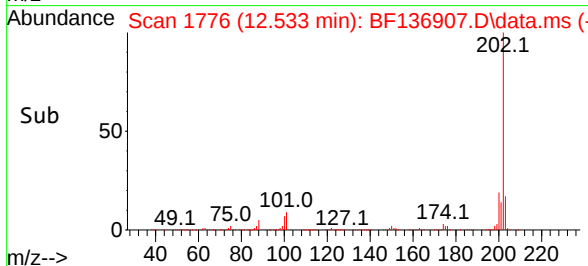
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



Tgt Ion:202 Resp: 718138
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.3
203 16.8 0.0 37.1

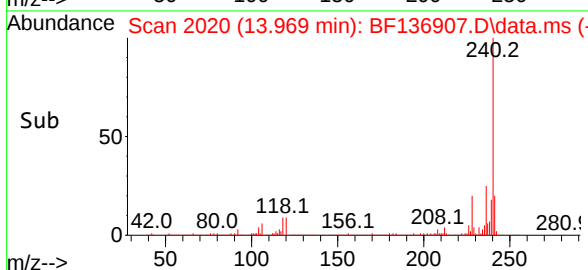
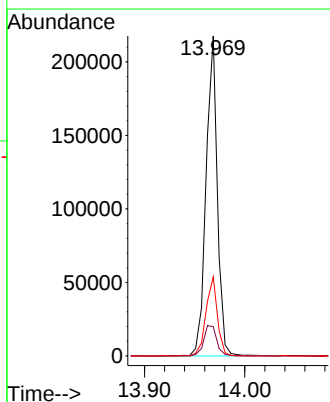
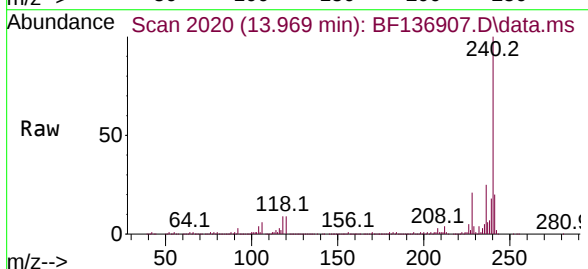
Manual Integrations
APPROVED

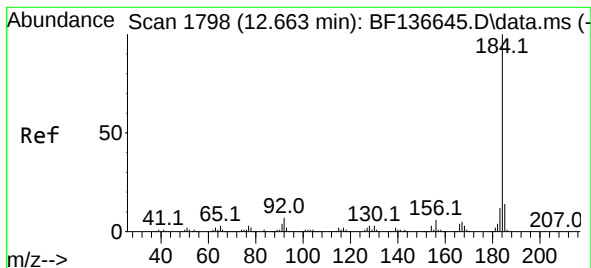
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:240 Resp: 171241
Ion Ratio Lower Upper
240 100
120 9.2 10.3 15.5#
236 24.7 19.4 29.2





#77

Benzidine

Concen: 16.867 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF136907.D

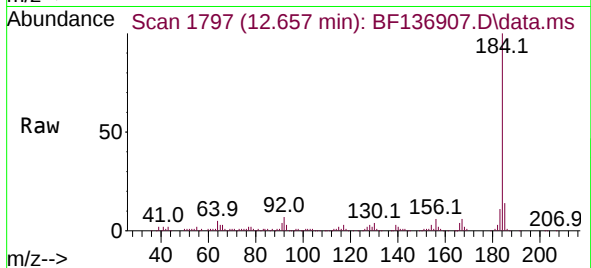
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD



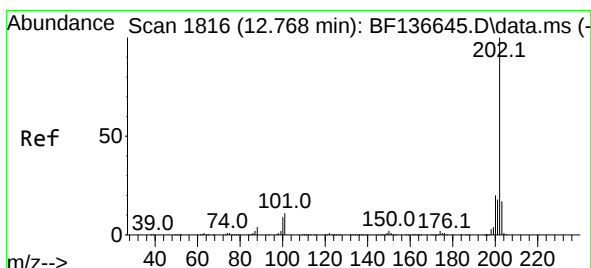
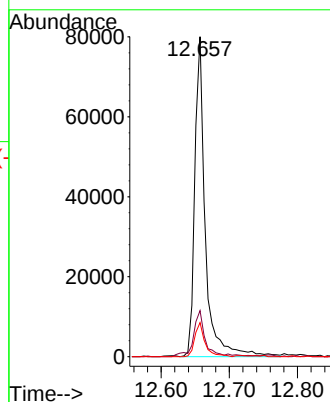
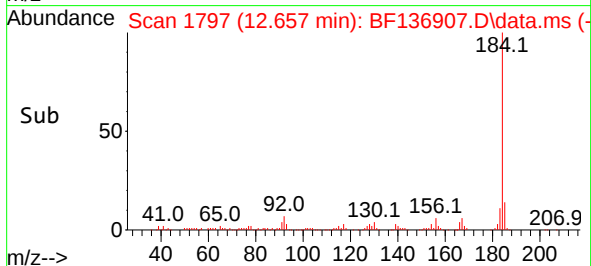
Tgt Ion:184	Resp:	85160
Ion Ratio	Lower	Upper
184	100	
185	14.4	11.2 16.8
183	10.6	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#78

Pyrene

Concen: 42.298 ng

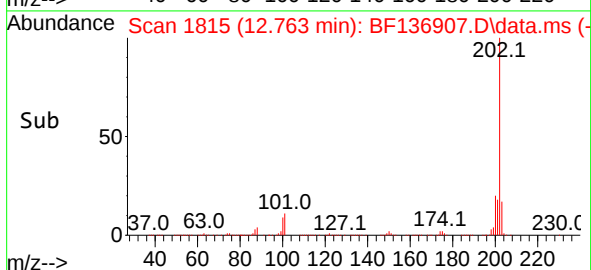
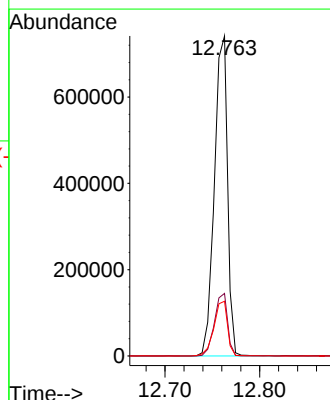
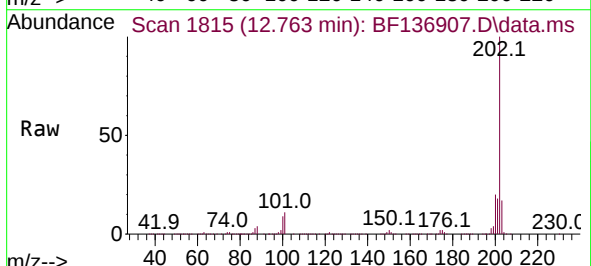
RT: 12.763 min Scan# 1815

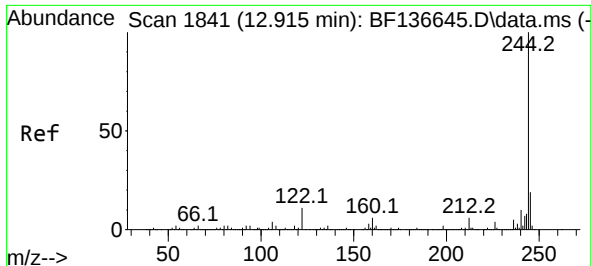
Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

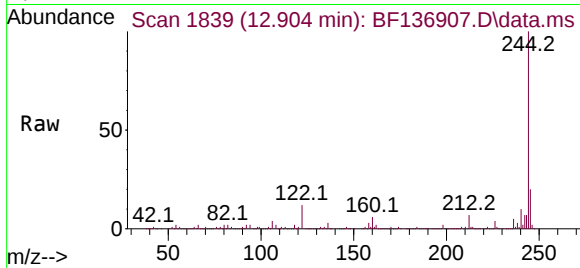
Tgt Ion:202	Resp:	711044
Ion Ratio	Lower	Upper
202	100	
200	19.6	15.9 23.9
203	17.1	13.8 20.6





#79
 Terphenyl-d14
 Concen: 84.261 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136907.D
 Acq: 03 Jan 2024 14:52

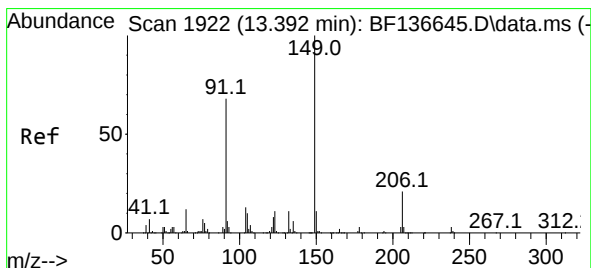
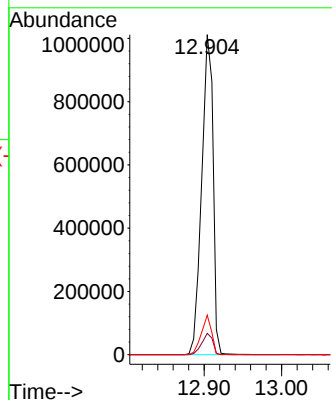
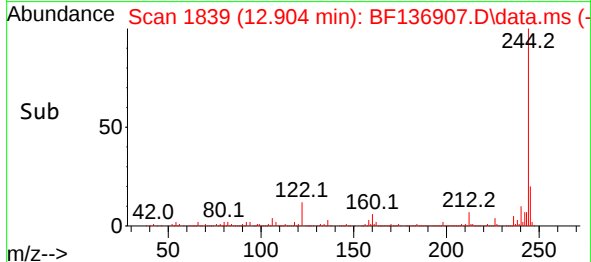
Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023MSD



Tgt Ion:244 Resp: 1032500
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 12.4 9.0 13.4

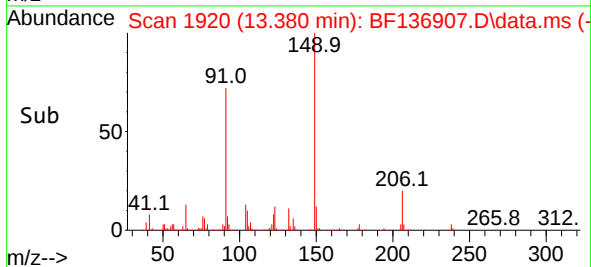
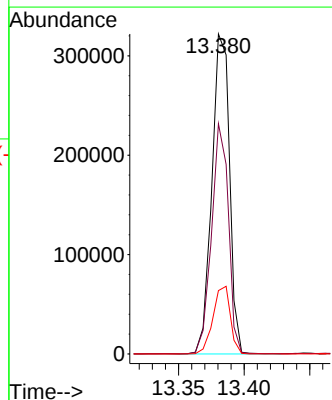
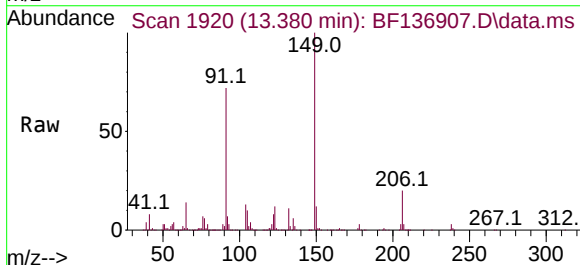
Manual Integrations
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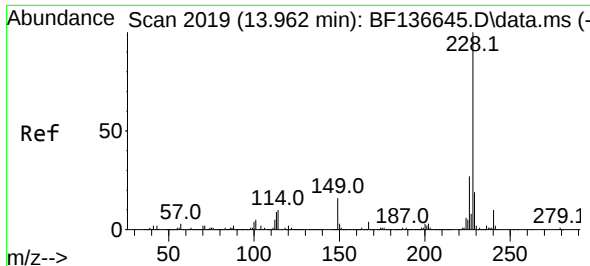
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024



#80
 Butylbenzylphthalate
 Concen: 49.241 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136907.D
 Acq: 03 Jan 2024 14:52

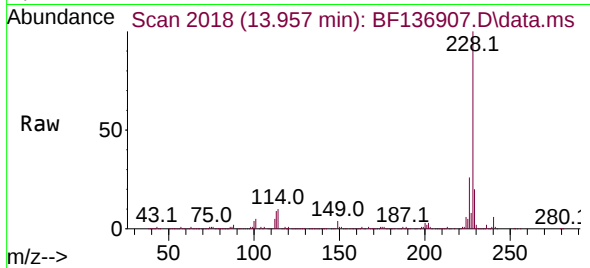
Tgt Ion:149 Resp: 301195
 Ion Ratio Lower Upper
 149 100
 91 71.9 54.1 81.1
 206 19.8 17.1 25.7





#81
Benzo(a)anthracene
Concen: 45.223 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

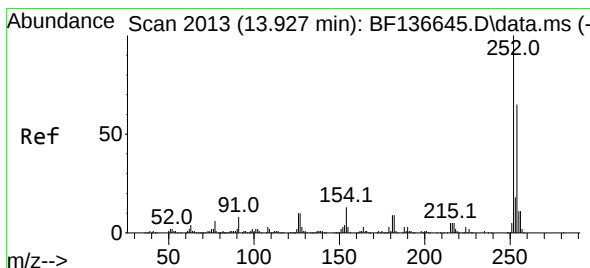
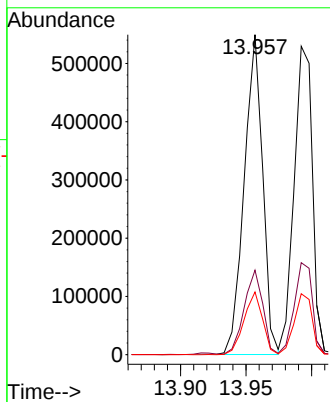
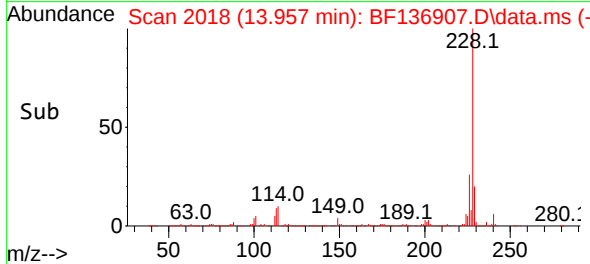
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



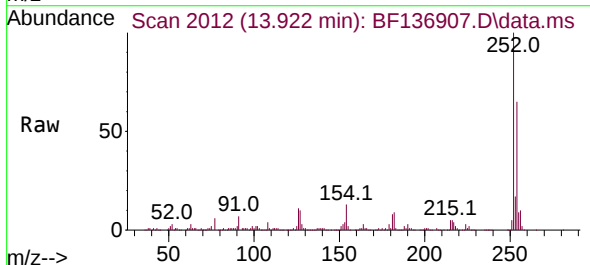
Tgt Ion:228 Resp: 537734
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.6 14.9 22.3

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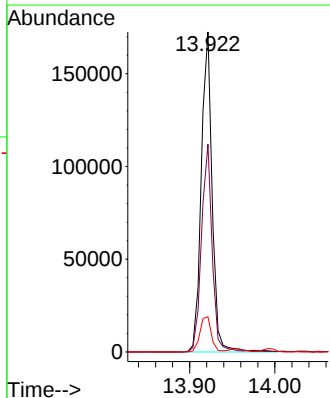
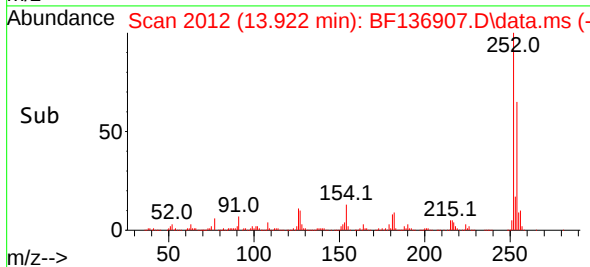
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

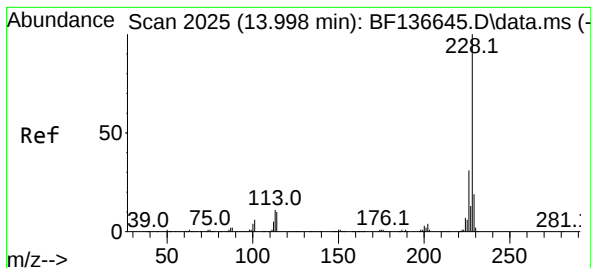


#82
3,3'-Dichlorobenzidine
Concen: 45.331 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



Tgt Ion:252 Resp: 153079
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.4
126 11.0 8.0 12.0





#83

Chrysene

Concen: 44.428 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

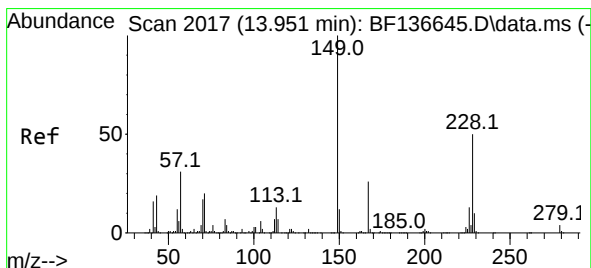
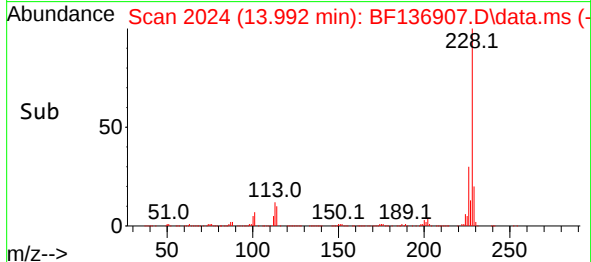
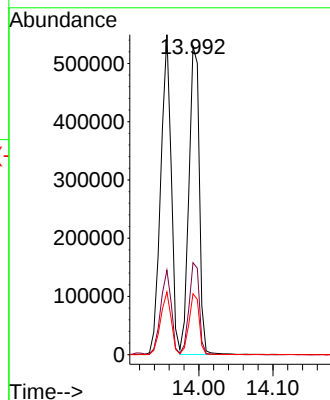
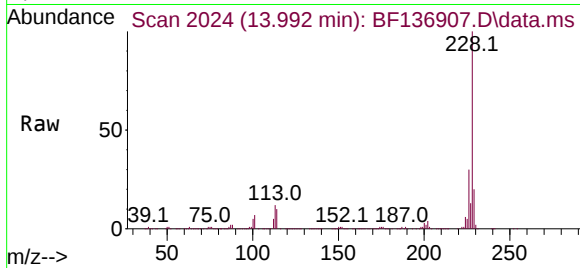
Tgt Ion:228 Resp: 516612
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.7 37.1
 229 19.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.140 ng

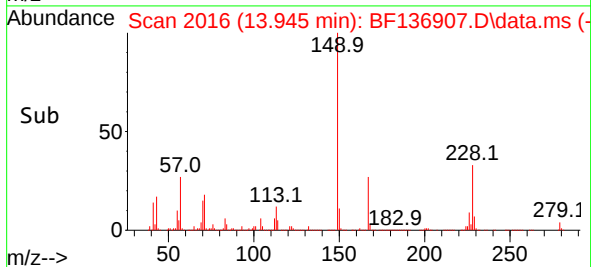
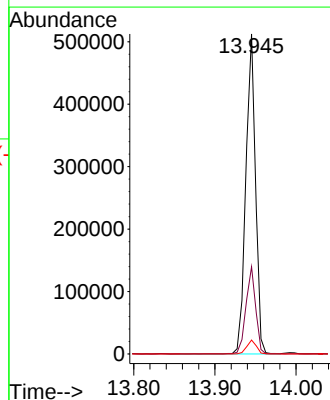
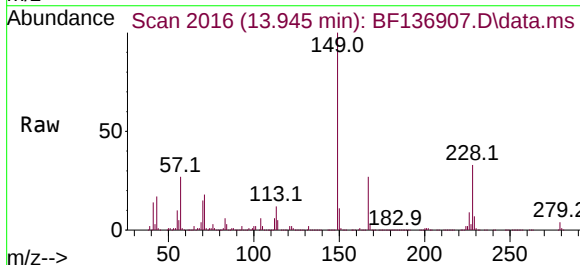
RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

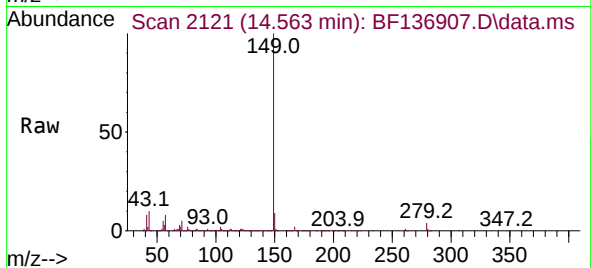
Tgt Ion:149 Resp: 424358
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.9 31.3
 279 4.3 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 59.057 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

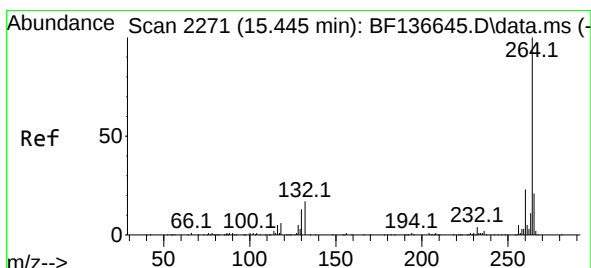
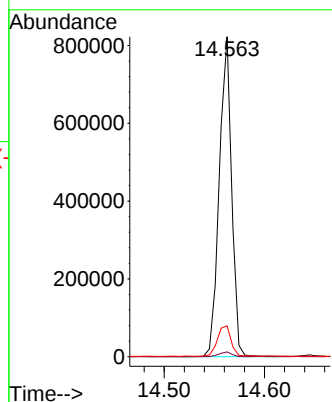
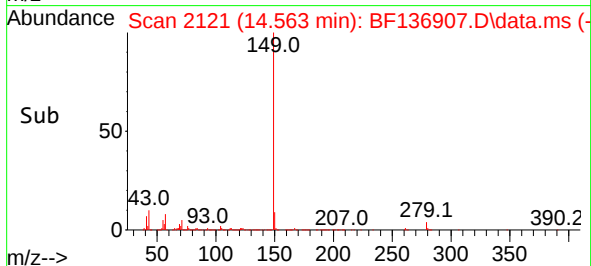
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



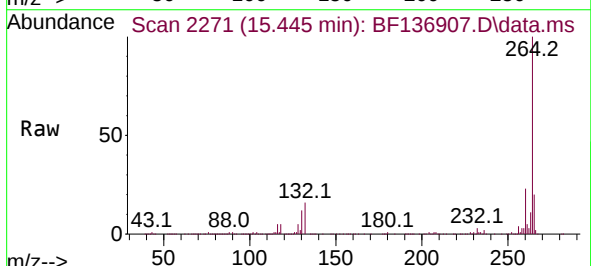
Tgt Ion:149 Resp: 70305
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 8.9 13.3

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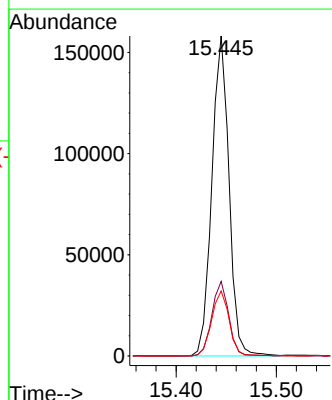
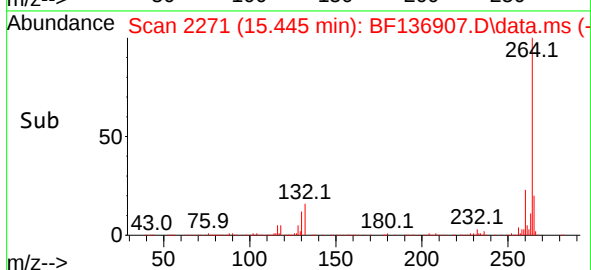
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

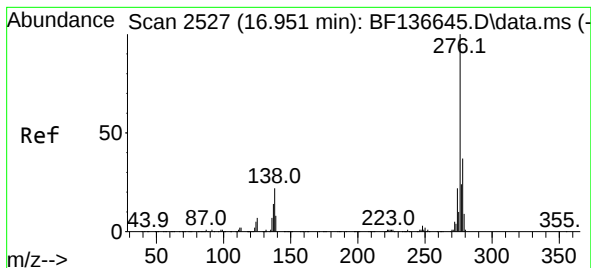


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



Tgt Ion:264 Resp: 187921
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 20.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.401 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

Tgt Ion:276 Resp: 60244

Ion Ratio Lower Upper

276 100

138 23.7 18.7 28.1

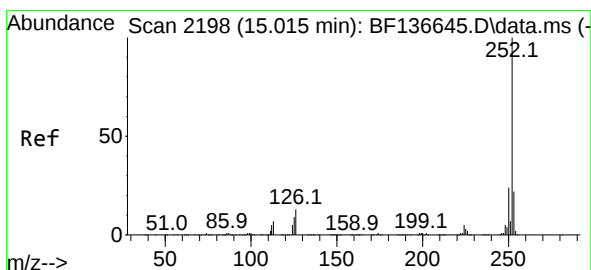
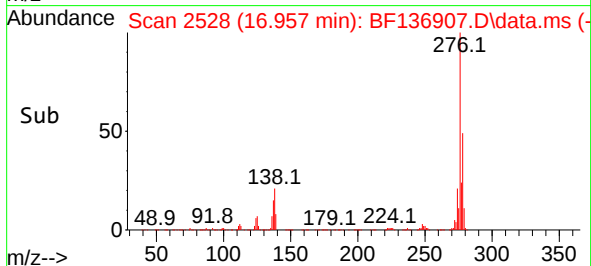
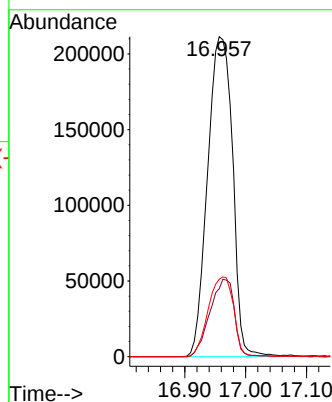
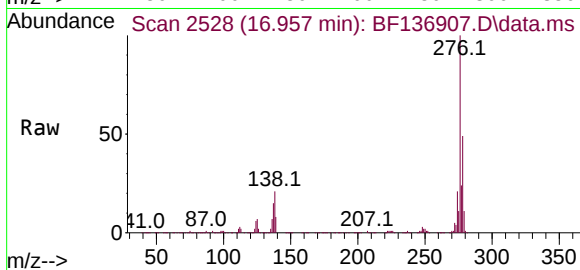
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#88

Benzo(b)fluoranthene

Concen: 41.605 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136907.D

Acq: 03 Jan 2024 14:52

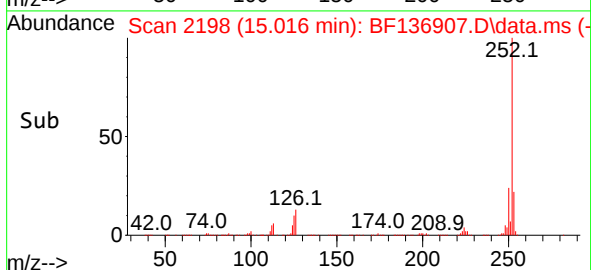
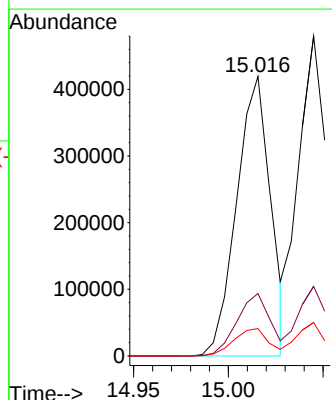
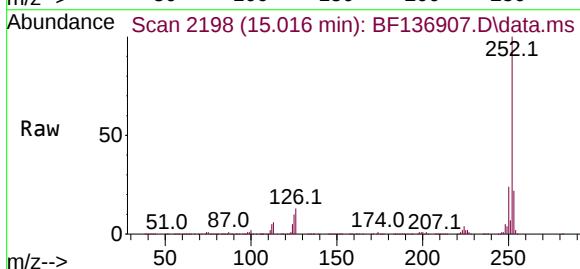
Tgt Ion:252 Resp: 522199

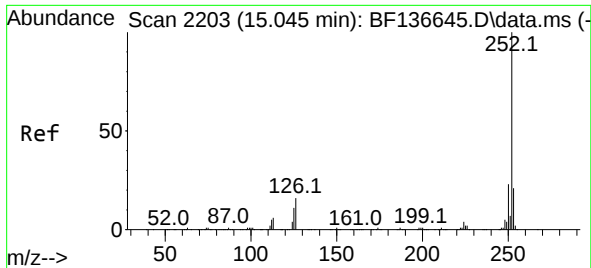
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

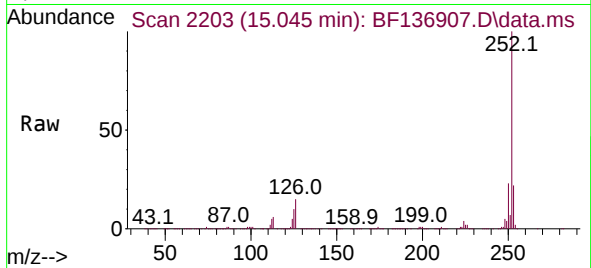
125 9.8 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 41.724 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

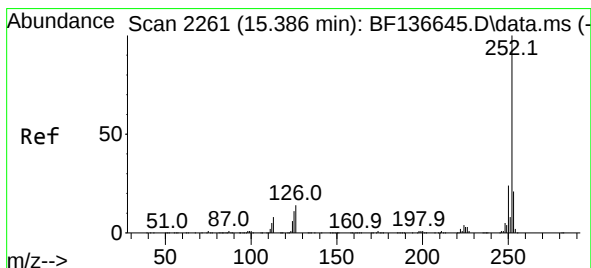
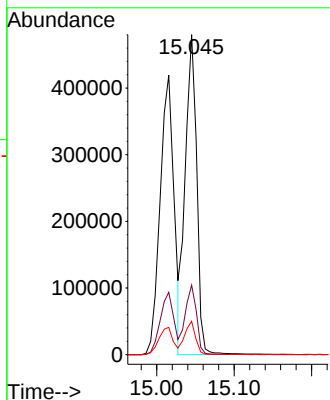
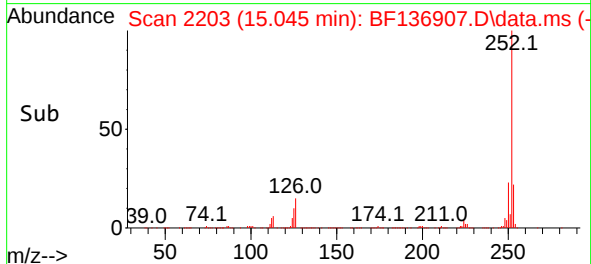
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MSD



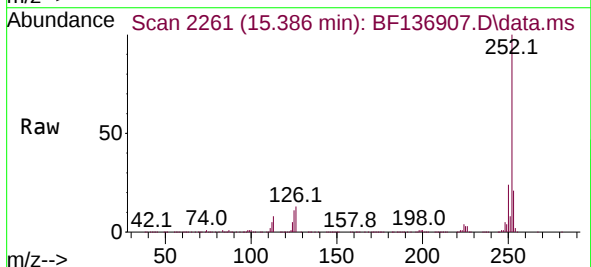
Tgt Ion:252 Resp: 49484
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.5 8.2 12.4

Manual Integrations
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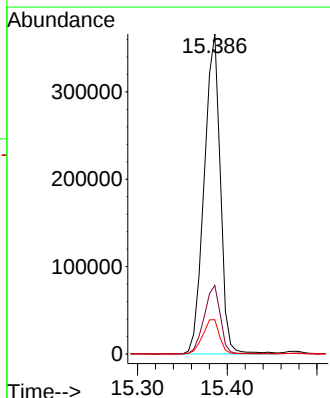
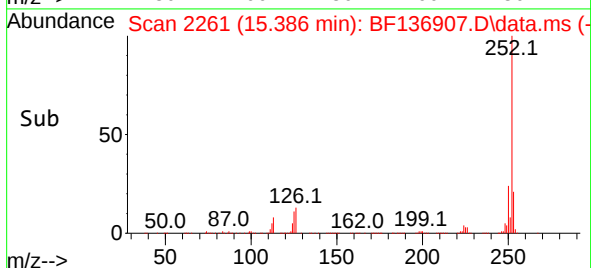
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

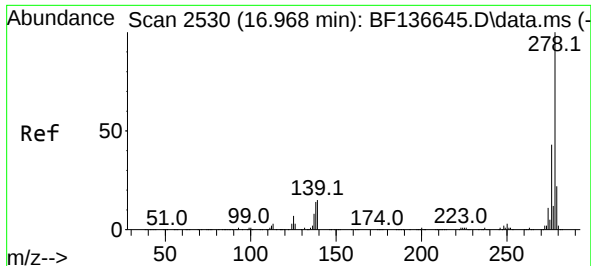


#90
Benzo(a)pyrene
Concen: 43.237 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52



Tgt Ion:252 Resp: 458088
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 10.7 8.8 13.2





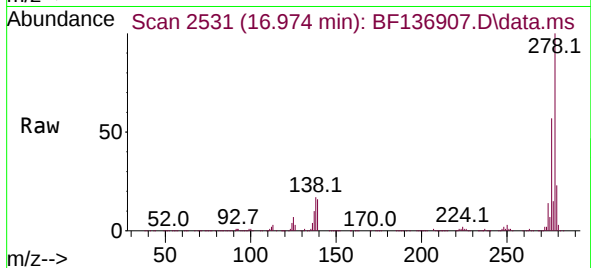
#91
Dibenzo(a,h)anthracene
Concen: 45.692 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MSD

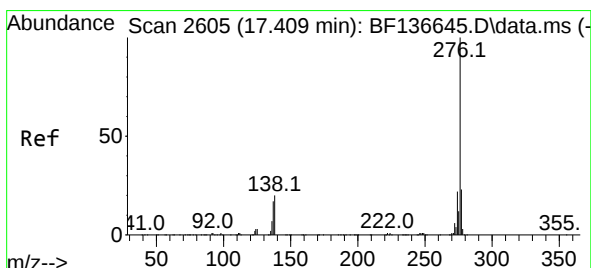
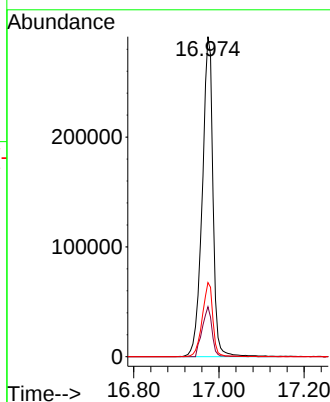
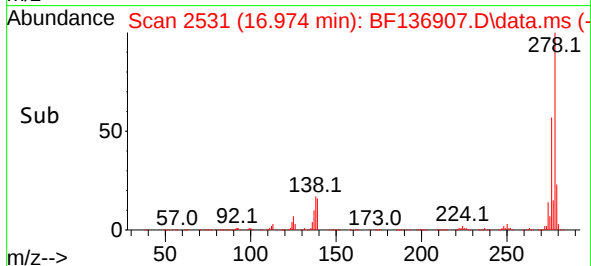


Tgt Ion:278 Resp: 508615
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 23.2 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#92
Benzo(g,h,i)perylene
Concen: 40.905 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136907.D
Acq: 03 Jan 2024 14:52

Tgt Ion:276 Resp: 466350
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 19.6 15.6 23.4

