

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136581.D
 Acq On : 14 Dec 2023 21:55
 Operator : CG\JU
 Sample : 05574-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WC04-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 15 00:39:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	105333	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	422657	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	204214	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	336079	20.000	ng	0.00
76) Chrysene-d12	13.968	240	225758	20.000	ng	0.00
86) Perylene-d12	15.445	264	252196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	762423	106.896	ng	0.03
7) Phenol-d6	6.445	99	856374	96.235	ng	0.01
23) Nitrobenzene-d5	7.357	82	633710	81.055	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	274343	108.954	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1270622	84.899	ng	0.00
79) Terphenyl-d14	12.910	244	1193376	69.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	100660	35.682	ng	# 83
3) Pyridine	3.469	79	204092	29.874	ng	96
4) n-Nitrosodimethylamine	3.404	42	112982	38.065	ng	98
6) Aniline	6.457	93	84886	9.439	ng	# 1
8) 2-Chlorophenol	6.581	128	298810	38.376	ng	99
9) Benzaldehyde	6.345	77	92881	17.894	ng	97
10) Phenol	6.457	94	296442	31.306	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	280116	39.687	ng	97
12) 1,3-Dichlorobenzene	6.728	146	321415	36.705	ng	98
13) 1,4-Dichlorobenzene	6.804	146	329954	37.145	ng	99
14) 1,2-Dichlorobenzene	6.957	146	309534	37.056	ng	98
15) Benzyl Alcohol	6.939	79	246219	41.320	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	328325	36.168	ng	93
17) 2-Methylphenol	7.051	107	227814	36.215	ng	94
18) Hexachloroethane	7.292	117	113940	36.739	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	199045	38.775	ng	98
20) 3+4-Methylphenols	7.204	107	281001	35.988	ng	93
22) Acetophenone	7.198	105	427951	41.003	ng	# 95
24) Nitrobenzene	7.369	77	294852	37.489	ng	99
25) Isophorone	7.610	82	539563	38.413	ng	98
26) 2-Nitrophenol	7.686	139	157716	40.790	ng	93
27) 2,4-Dimethylphenol	7.728	122	222283	46.623	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	340232	39.419	ng	97
29) 2,4-Dichlorophenol	7.933	162	238129	37.840	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	281115	38.309	ng	97
31) Naphthalene	8.086	128	886232	38.023	ng	98
32) Benzoic acid	7.857	122	144110	30.470	ng	95
33) 4-Chloroaniline	8.139	127	41918	5.045	ng	98
34) Hexachlorobutadiene	8.204	225	163768	37.657	ng	98
35) Caprolactam	8.510	113	57958m	29.907	ng	
36) 4-Chloro-3-methylphenol	8.633	107	239117	35.786	ng	99
37) 2-Methylnaphthalene	8.780	142	554451	37.392	ng	94
38) 1-Methylnaphthalene	8.880	142	536240	36.853	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	280617	44.168	ng	99
41) Hexachlorocyclopentadiene	8.933	237	200476	85.173	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	168983	40.848	ng	99

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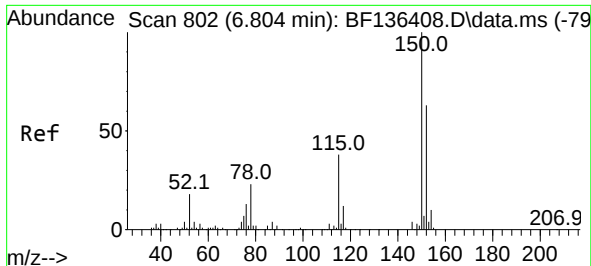
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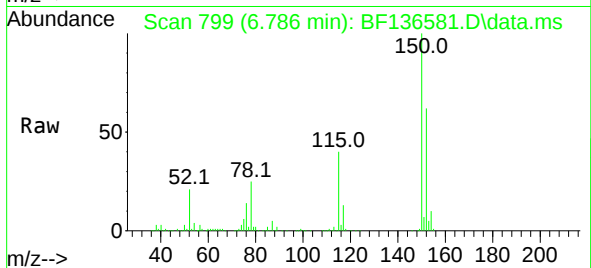
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	171042	37.045	ng	95
46) 1,1'-Biphenyl	9.245	154	733348	42.203	ng	99
47) 2-Chloronaphthalene	9.269	162	539544	39.894	ng	98
48) 2-Nitroaniline	9.369	65	139808	38.543	ng	97
49) Acenaphthylene	9.686	152	819754	42.549	ng	98
50) Dimethylphthalate	9.551	163	619636	41.213	ng	98
51) 2,6-Dinitrotoluene	9.616	165	134816	39.858	ng	91
52) Acenaphthene	9.857	154	479463	38.836	ng	96
53) 3-Nitroaniline	9.780	138	59064	17.100	ng	99
54) 2,4-Dinitrophenol	9.892	184	94599	55.316	ng	95
55) Dibenzofuran	10.033	168	718118	39.816	ng	97
56) 4-Nitrophenol	9.963	139	159036	61.420	ng	91
57) 2,4-Dinitrotoluene	10.022	165	175329	39.183	ng	92
58) Fluorene	10.374	166	551602	38.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138361	37.411	ng	100
60) Diethylphthalate	10.251	149	583458	39.465	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	279725	39.633	ng	93
62) 4-Nitroaniline	10.398	138	106092	30.933	ng	97
63) Azobenzene	10.527	77	486456	36.149	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	70600	33.920	ng	89
66) n-Nitrosodiphenylamine	10.492	169	474446	43.995	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	168370	43.089	ng	94
68) Hexachlorobenzene	10.921	284	186386	41.271	ng	94
69) Atrazine	11.021	200	154727	50.270	ng	97
70) Pentachlorophenol	11.121	266	212779	83.481	ng	98
71) Phenanthrene	11.339	178	779740	42.211	ng	98
72) Anthracene	11.392	178	766385	41.191	ng	99
73) Carbazole	11.551	167	652371	39.616	ng	98
74) Di-n-butylphthalate	11.886	149	833465	41.286	ng	99
75) Fluoranthene	12.533	202	753004	38.899	ng	98
78) Pyrene	12.763	202	758289	34.296	ng	98
80) Butylbenzylphthalate	13.386	149	315326	40.063	ng	93
81) Benzo(a)anthracene	13.957	228	643042	40.892	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	109805	24.904	ng	98
83) Chrysene	13.992	228	616661	39.857	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	432478	44.822	ng	100
85) Di-n-octyl phthalate	14.568	149	715257	50.186	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	664182	37.909	ng	100
88) Benzo(b)fluoranthene	15.009	252	689243	39.972	ng	100
89) Benzo(k)fluoranthene	15.039	252	581620	35.791	ng	98
90) Benzo(a)pyrene	15.380	252	572260	40.186	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	554917	38.661	ng	98
92) Benzo(g,h,i)perylene	17.403	276	491231	33.343	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

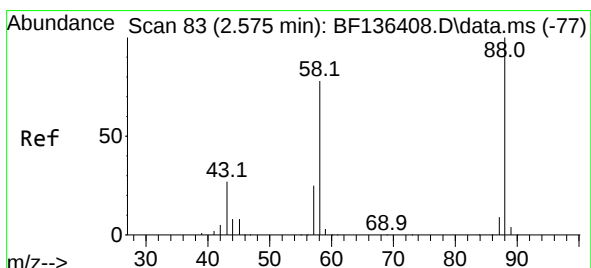
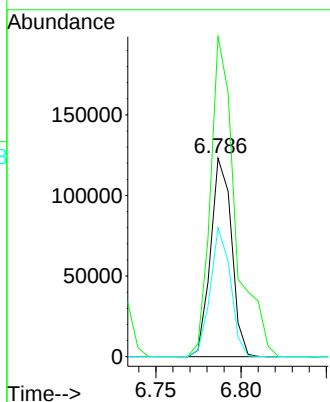
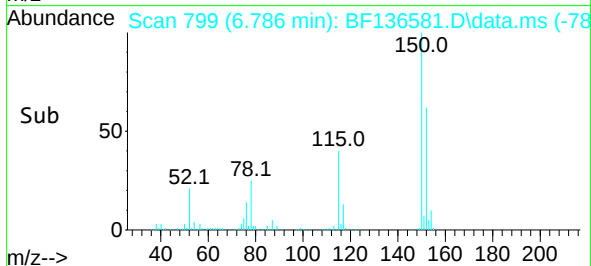
Instrument :
BNA_F
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P001-WC04-01MS



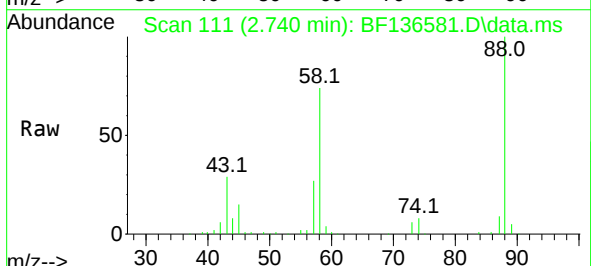
Tgt Ion:152 Resp: 10533
Ion Ratio Lower Upper
152 100
150 161.3 126.4 189.6
115 65.0 48.2 72.4

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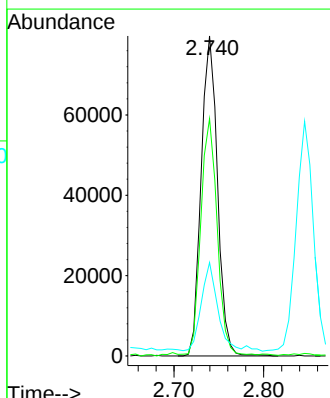
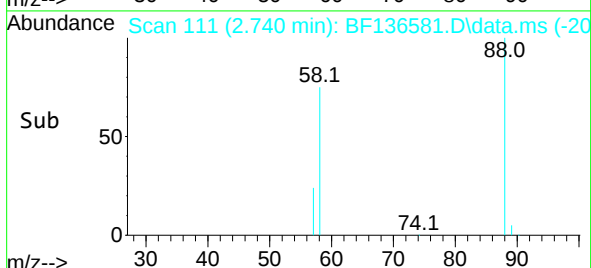
Reviewed By :Yogesh Patel 12/15/2023
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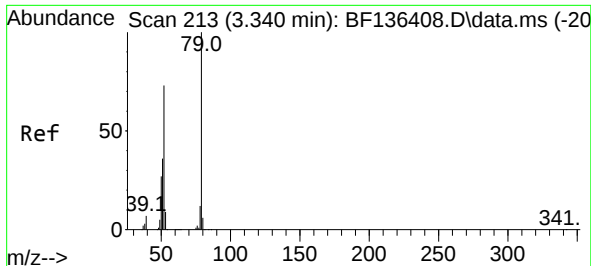


#2
1,4-Dioxane
Concen: 35.682 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.188 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



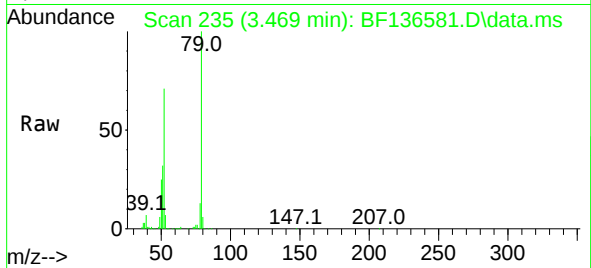
Tgt Ion: 88 Resp: 100660
Ion Ratio Lower Upper
88 100
58 73.4 62.2 93.2
43 0.0 21.5 32.3





#3
Pyridine
Concen: 29.874 ng
RT: 3.469 min Scan# 213
Delta R.T. 0.159 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

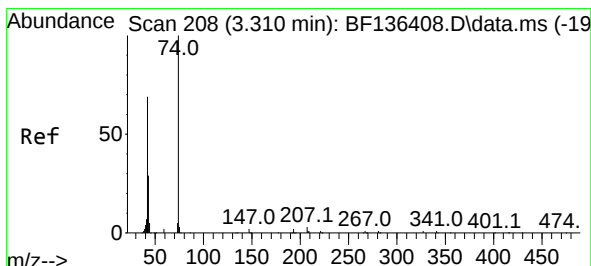
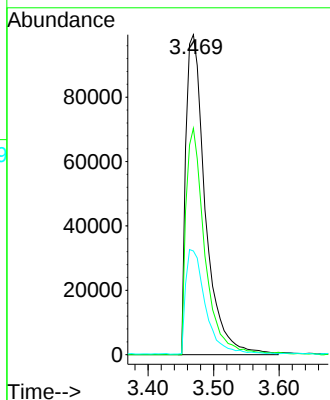
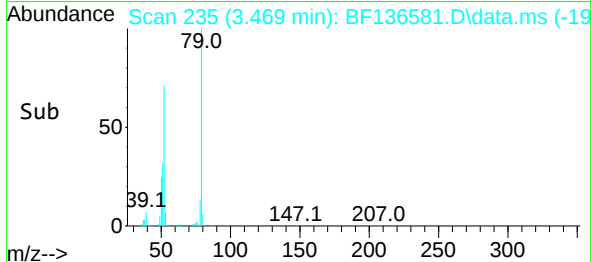
Instrument :
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P001-WC04-01MS



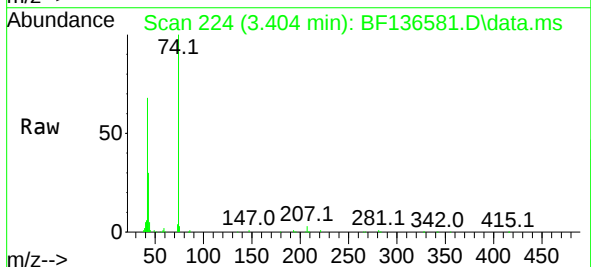
Tgt Ion: 79 Resp: 204092
Ion Ratio Lower Upper
79 100
52 70.7 58.2 87.2
51 32.4 29.1 43.7

Manual Integrations
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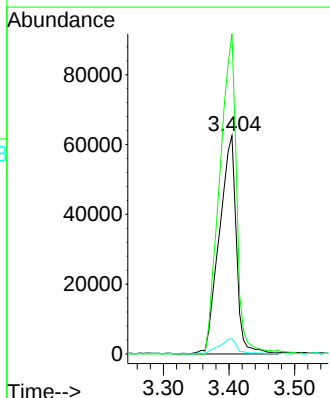
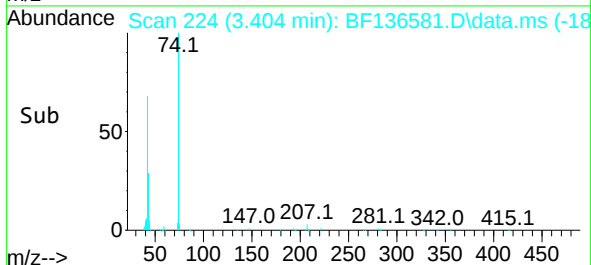
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

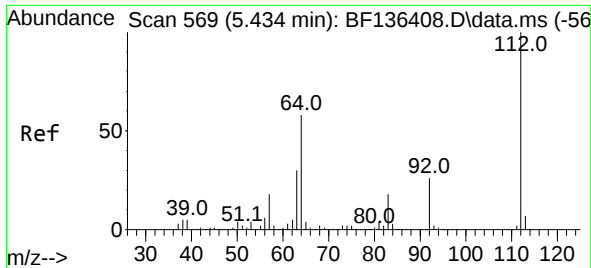


#4
n-Nitrosodimethylamine
Concen: 38.065 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.118 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



Tgt Ion: 42 Resp: 112982
Ion Ratio Lower Upper
42 100
74 146.6 115.4 173.0
44 6.9 6.2 9.2





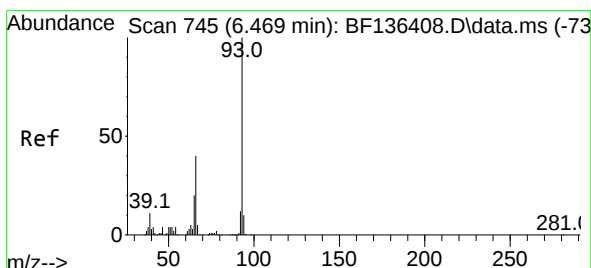
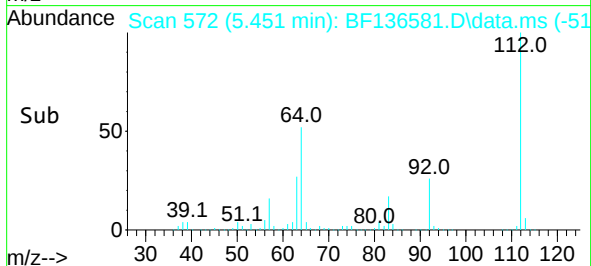
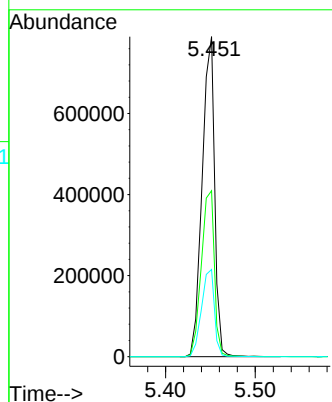
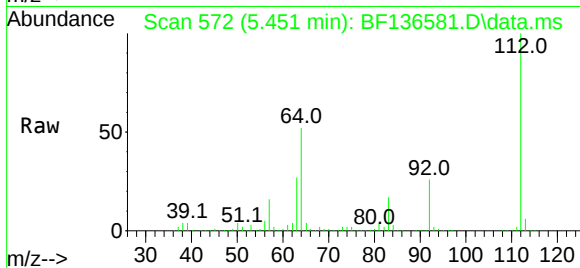
#5
2-Fluorophenol
Concen: 106.896 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

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Tgt Ion:112 Resp: 76242
Ion Ratio Lower Upper
112 100
64 51.9 46.5 69.7
63 27.3 23.9 35.9

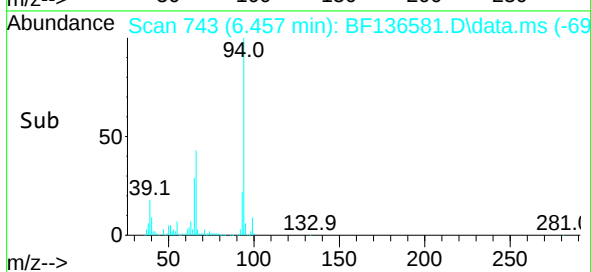
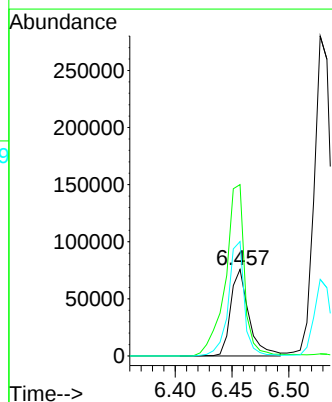
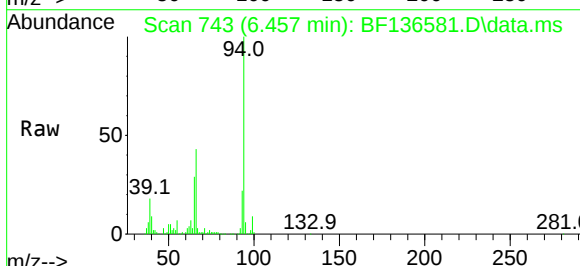
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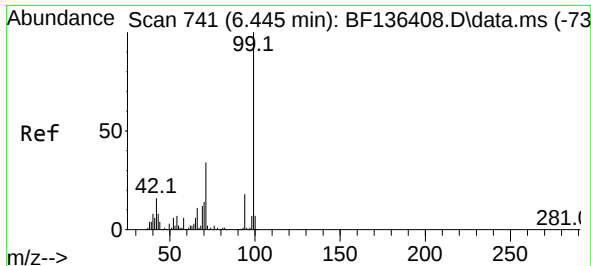
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#6
Aniline
Concen: 9.439 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Tgt Ion: 93 Resp: 84886
Ion Ratio Lower Upper
93 100
66 198.1 32.5 48.7#
65 132.2 16.4 24.6#





#7

Phenol-d6

Concen: 96.235 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.012 min

Lab File: BF136581.D

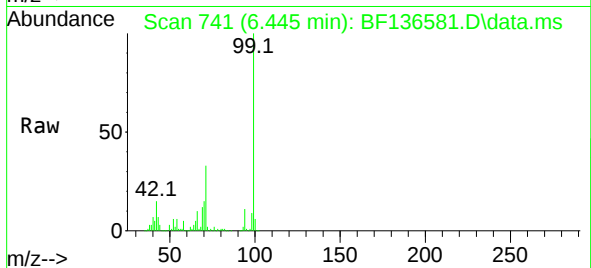
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Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MS



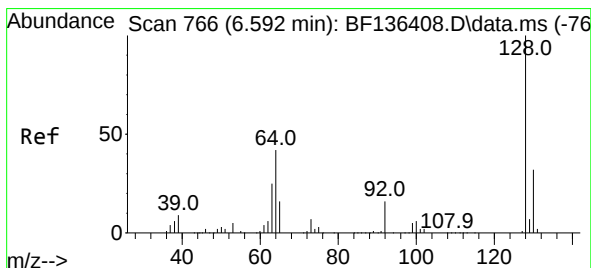
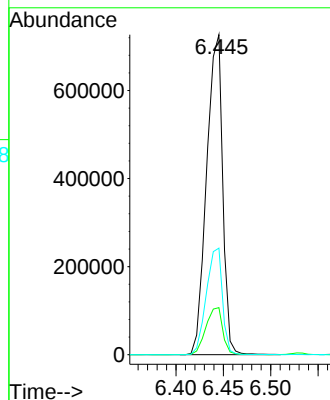
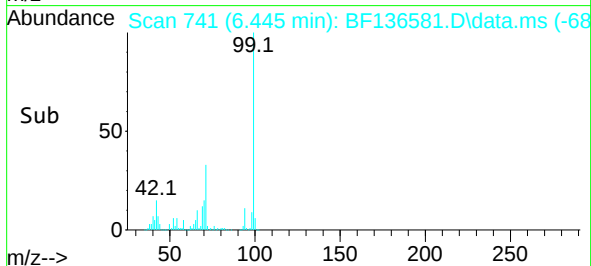
Tgt Ion:	99	Resp:	856374
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	33.3	27.0	40.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.376 ng

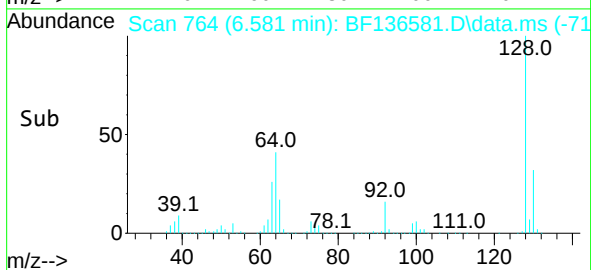
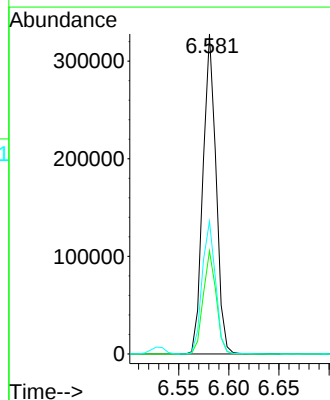
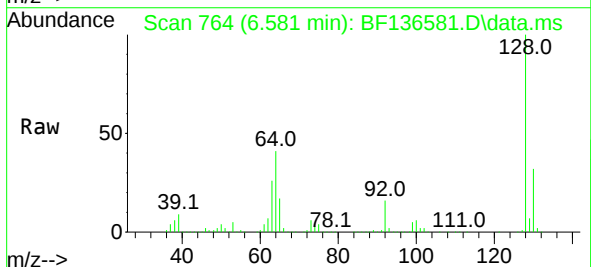
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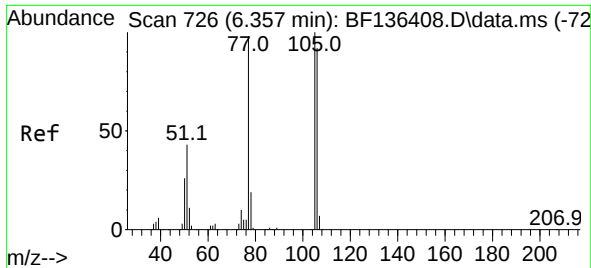
Delta R.T. -0.000 min

Lab File: BF136581.D

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Tgt Ion:	128	Resp:	298810
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.7	51.7
64	41.5	22.5	62.5





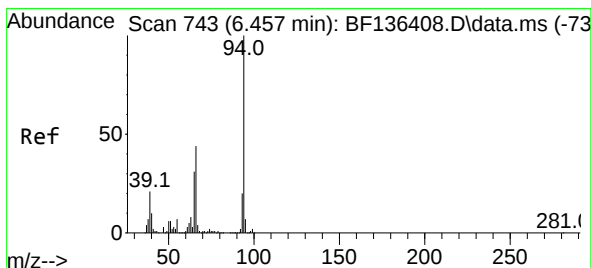
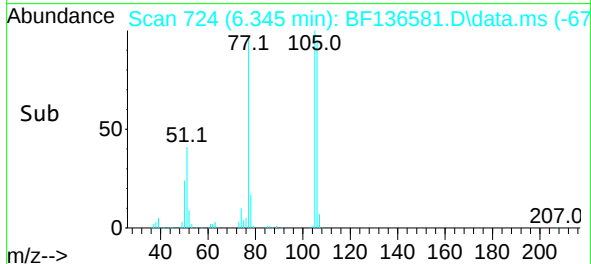
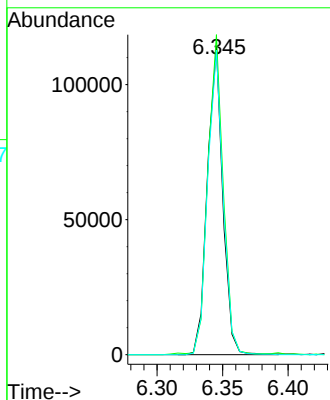
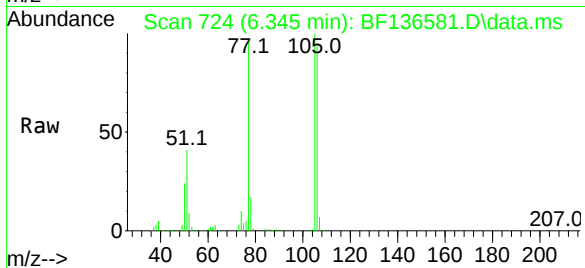
#9
Benzaldehyde
Concen: 17.894 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

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BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion: 77 Resp: 9288
Ion Ratio Lower Upper
77 100
105 104.1 82.5 122.5
106 99.0 74.5 114.5

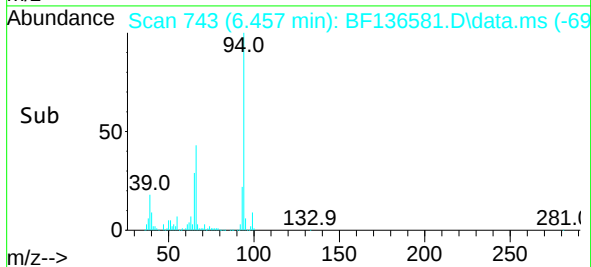
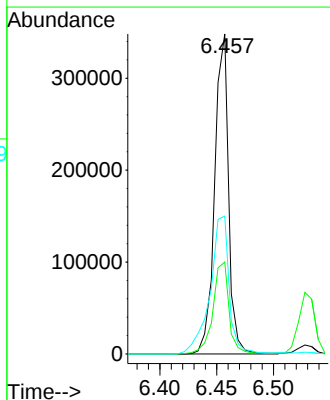
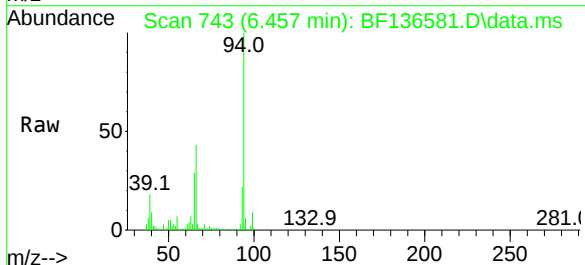
Manual Integrations
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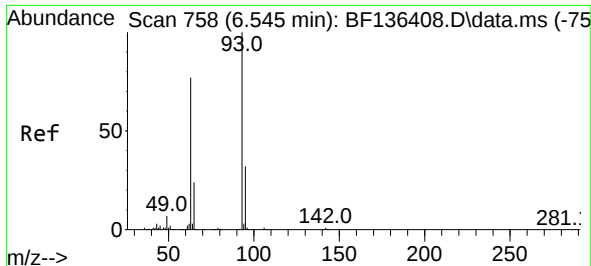
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#10
Phenol
Concen: 31.306 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

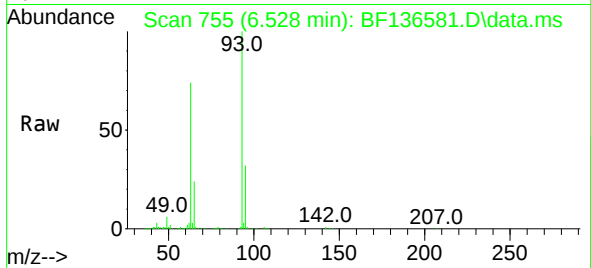
Tgt Ion: 94 Resp: 296442
Ion Ratio Lower Upper
94 100
65 28.8 11.2 51.2
66 43.1 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 39.687 ng
RT: 6.528 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

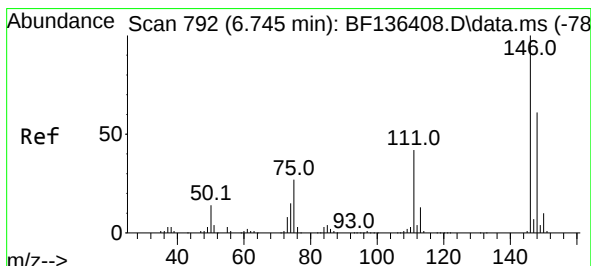
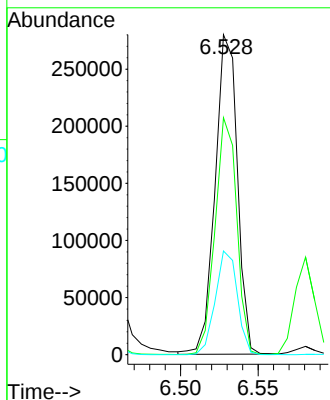
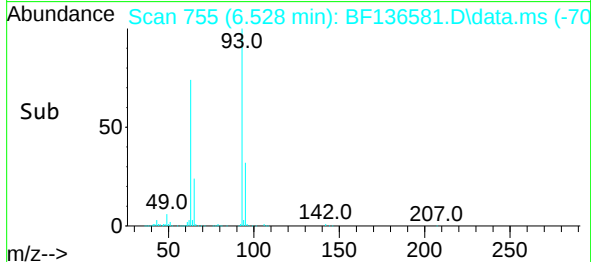
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



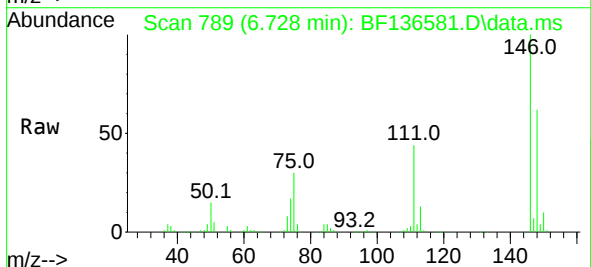
Tgt Ion: 93 Resp: 280110
Ion Ratio Lower Upper
93 100
63 74.0 56.8 96.8
95 32.4 11.8 51.8

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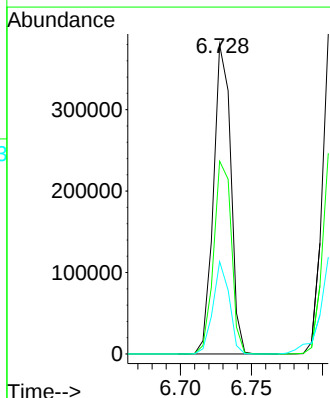
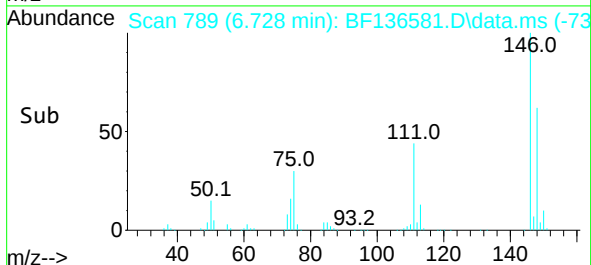
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

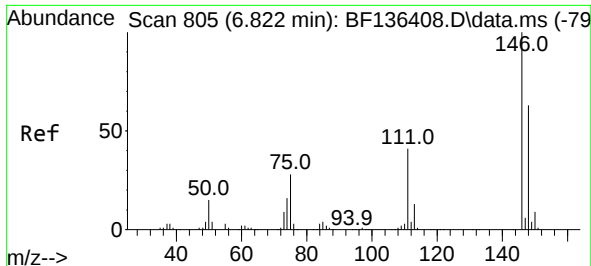


#12
1,3-Dichlorobenzene
Concen: 36.705 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



Tgt Ion:146 Resp: 321415
Ion Ratio Lower Upper
146 100
148 62.3 49.0 73.6
75 29.9 21.8 32.6





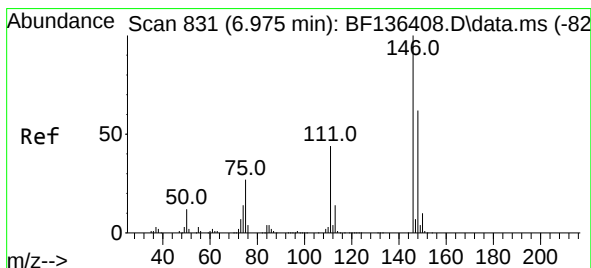
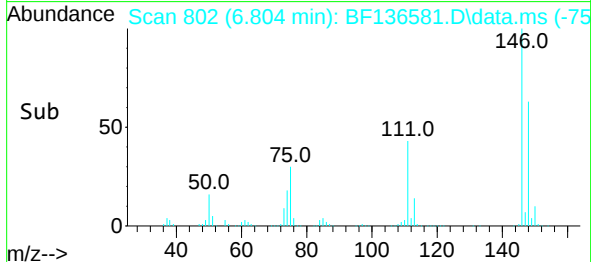
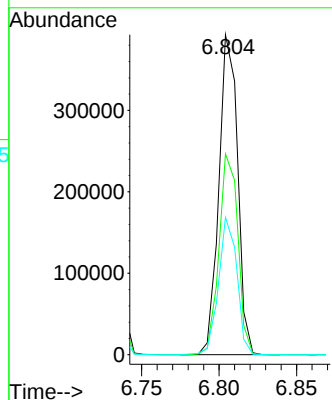
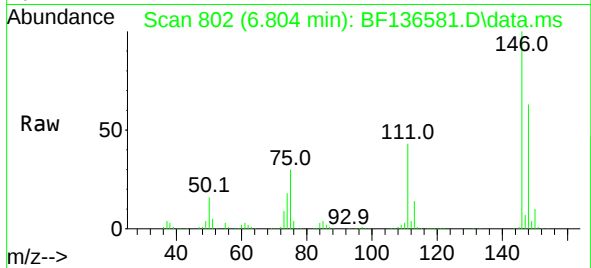
#13
1,4-Dichlorobenzene
Concen: 37.145 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion:146 Resp: 329954
Ion Ratio Lower Upper
146 100
148 62.7 50.3 75.5
111 42.9 32.6 49.0

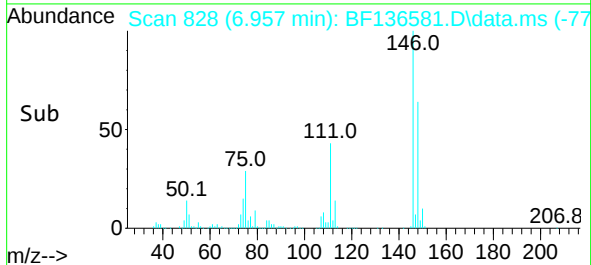
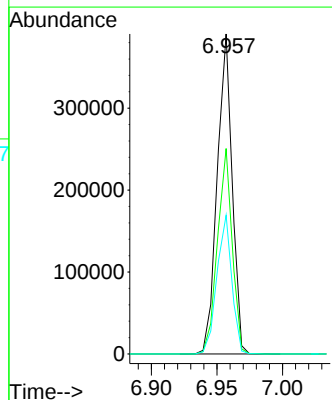
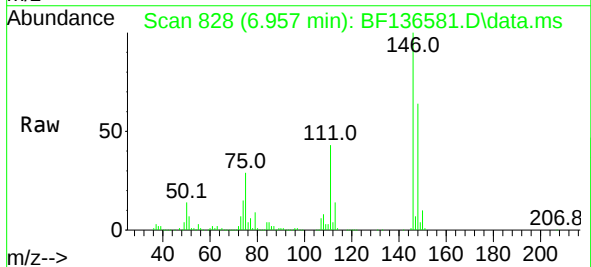
Manual Integrations
APPROVED

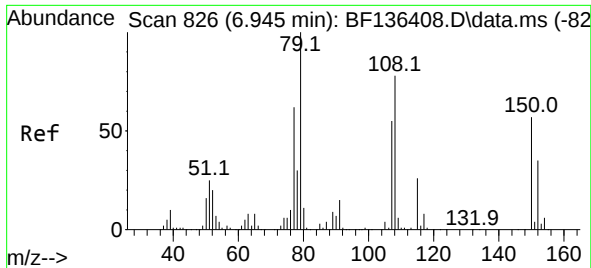
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#14
1,2-Dichlorobenzene
Concen: 37.056 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

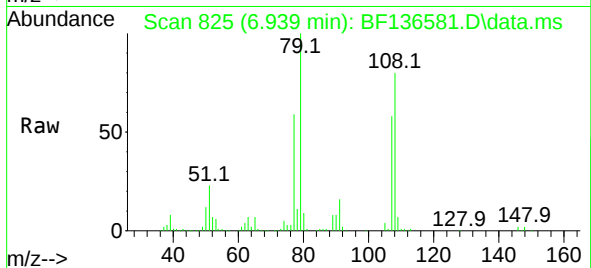
Tgt Ion:146 Resp: 309534
Ion Ratio Lower Upper
146 100
148 64.2 49.8 74.6
111 43.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 41.320 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

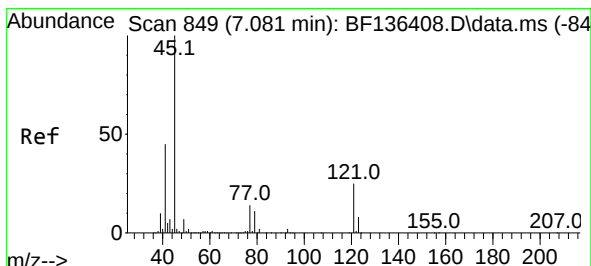
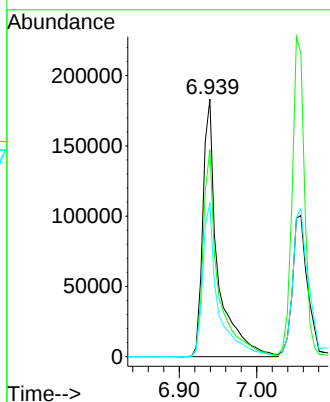
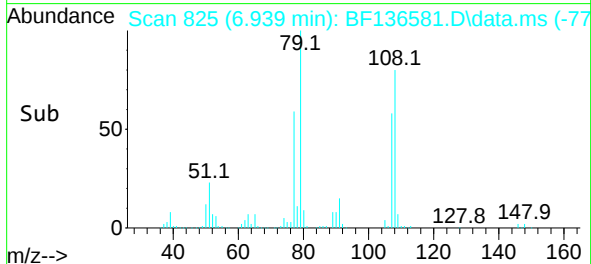
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



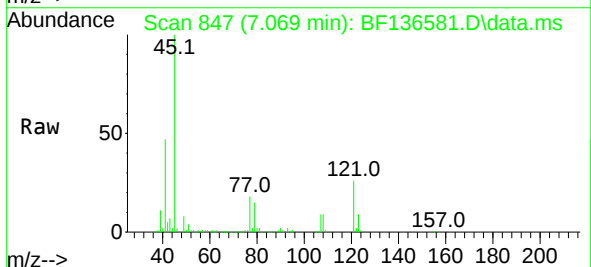
Tgt Ion: 79 Resp: 246219
Ion Ratio Lower Upper
79 100
108 80.5 62.3 93.5
77 59.5 49.8 74.8

Manual Integrations
APPROVED

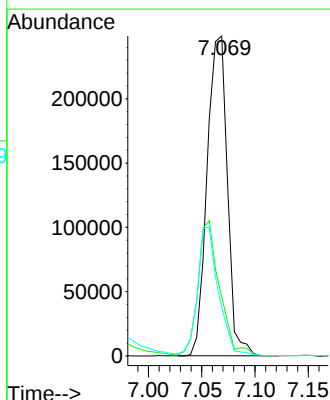
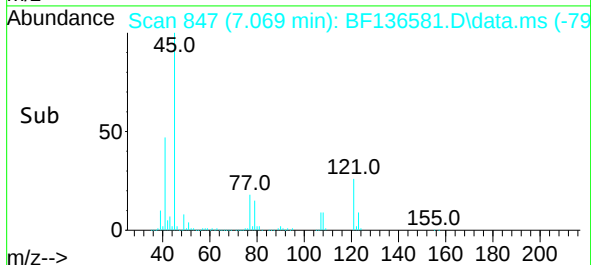
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

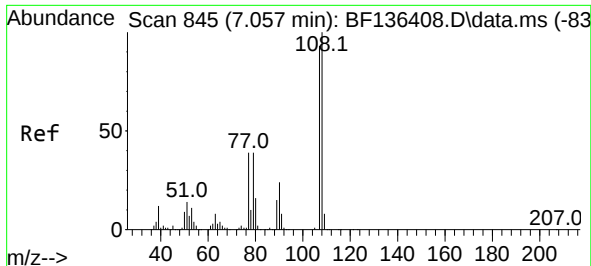


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.168 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



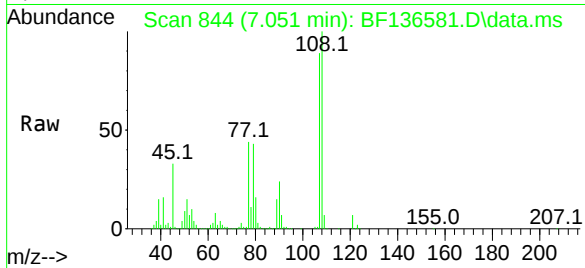
Tgt Ion: 45 Resp: 328325
Ion Ratio Lower Upper
45 100
77 18.5 0.0 35.3
79 15.0 0.0 32.5





#17
2-Methylphenol
Concen: 36.215 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

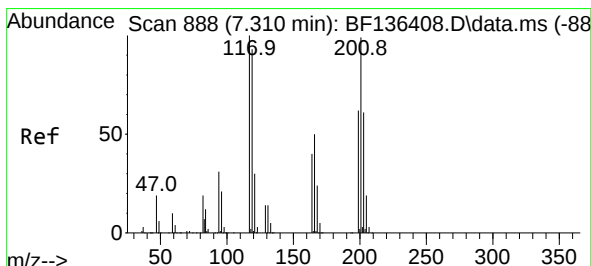
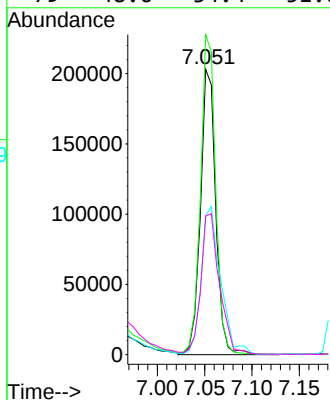
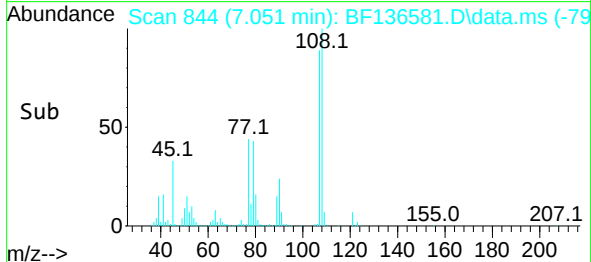
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:107 Resp: 227814
Ion Ratio Lower Upper
107 100
108 112.2 86.5 129.7
77 48.8 33.8 50.8
79 48.6 34.4 51.6

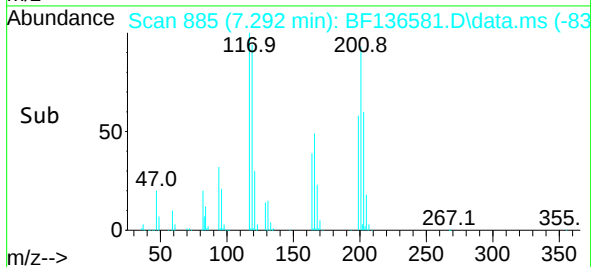
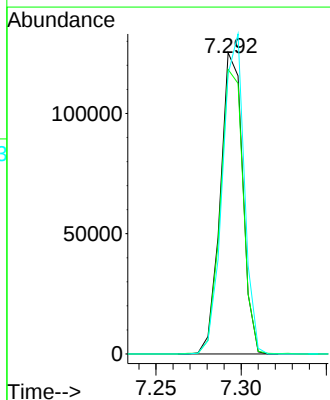
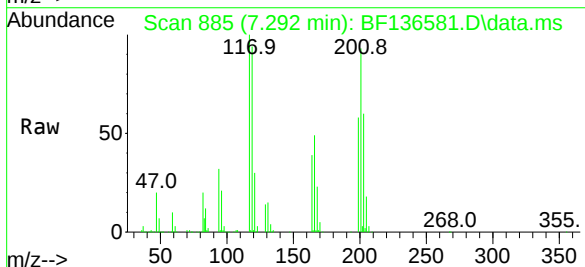
Manual Integrations
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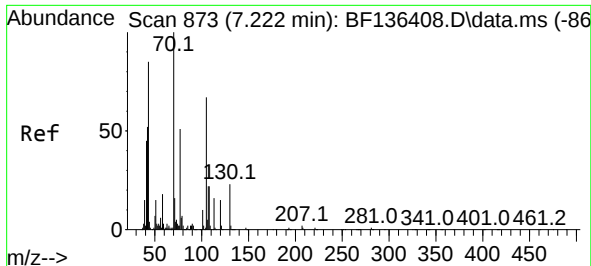
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#18
Hexachloroethane
Concen: 36.739 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

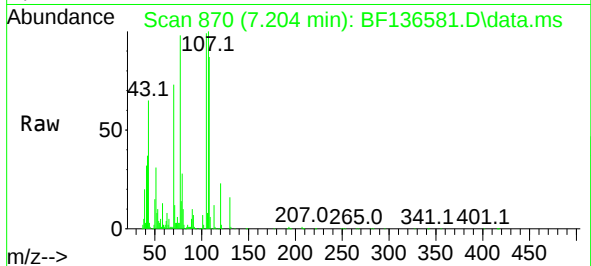
Tgt Ion:117 Resp: 113940
Ion Ratio Lower Upper
117 100
119 94.4 74.3 111.5
201 93.0 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 38.775 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

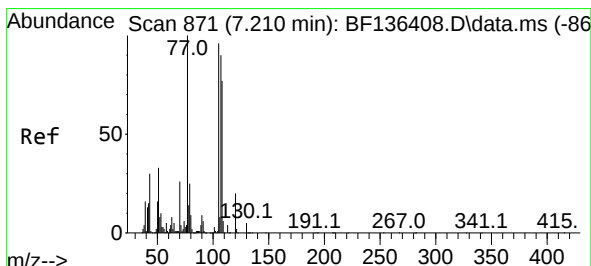
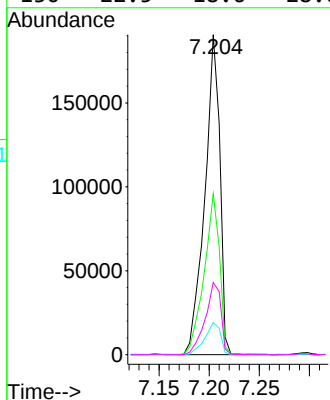
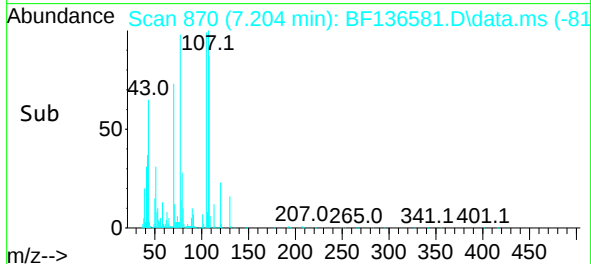
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



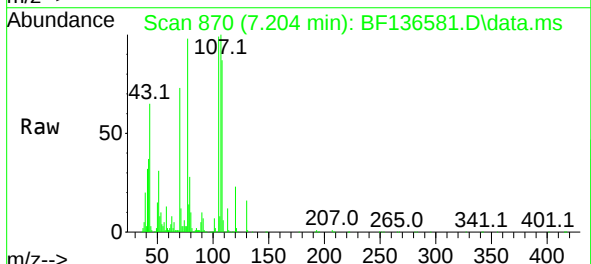
Tgt Ion: 70 Resp: 19904
Ion Ratio Lower Upper
70 100
42 50.3 41.4 62.0
101 10.1 8.2 12.4
130 22.5 18.6 28.0

Manual Integrations
APPROVED

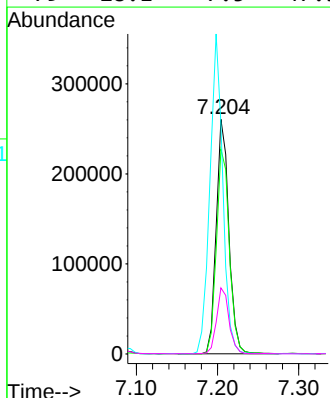
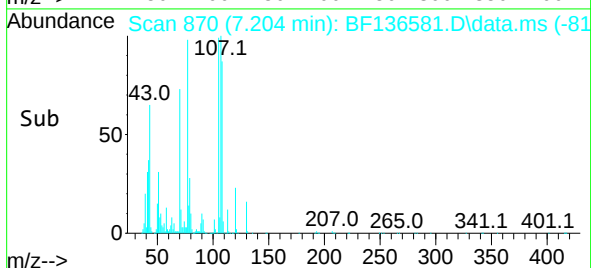
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

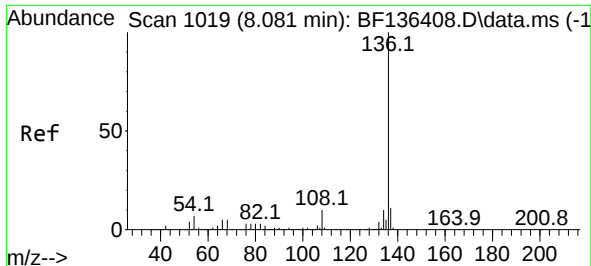


#20
3+4-Methylphenols
Concen: 35.988 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



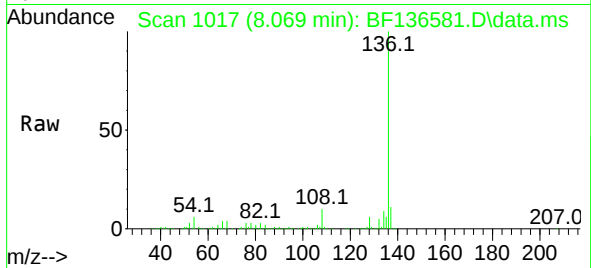
Tgt Ion:107 Resp: 281001
Ion Ratio Lower Upper
107 100
108 87.3 65.9 105.9
77 97.8 91.7 131.7
79 28.1 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

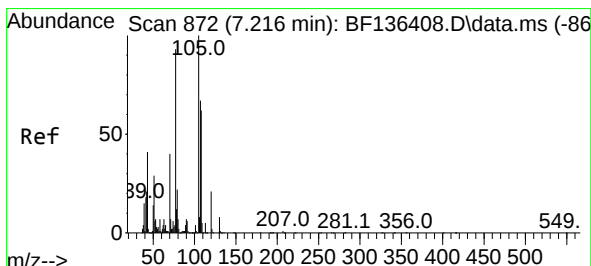
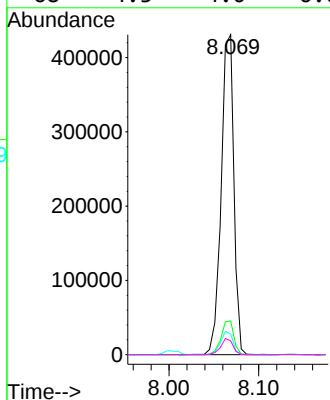
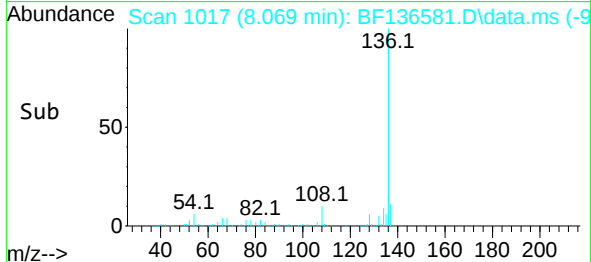
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:136 Resp: 422651
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.4 5.7 8.5
68 4.3 4.0 6.0

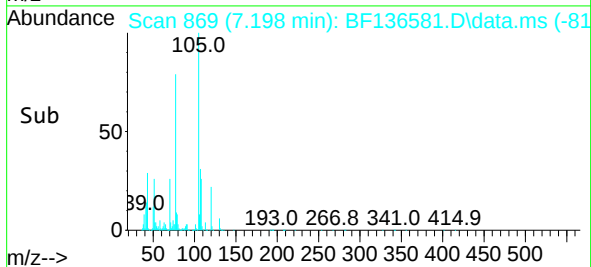
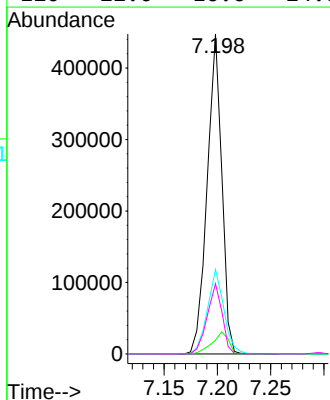
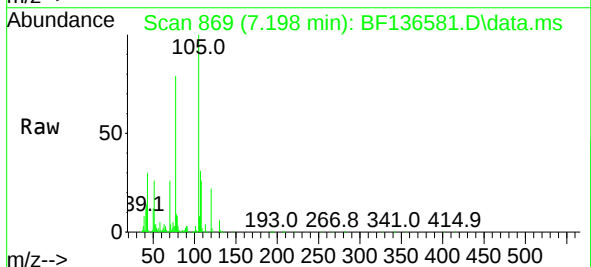
Manual Integrations
APPROVED

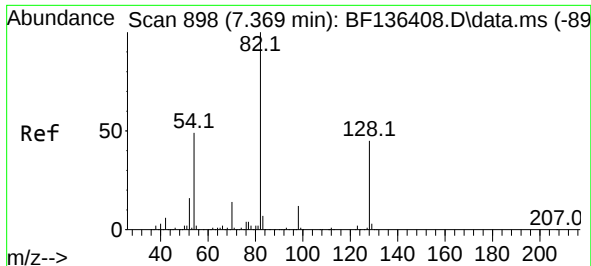
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#22
Acetophenone
Concen: 41.003 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

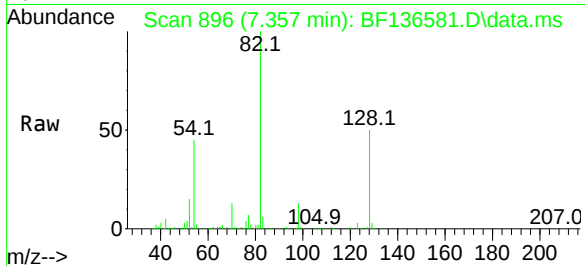
Tgt Ion:105 Resp: 427951
Ion Ratio Lower Upper
105 100
71 4.3 5.4 8.0#
51 26.4 23.4 35.2
120 22.0 16.6 24.8





#23
Nitrobenzene-d5
Concen: 81.055 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

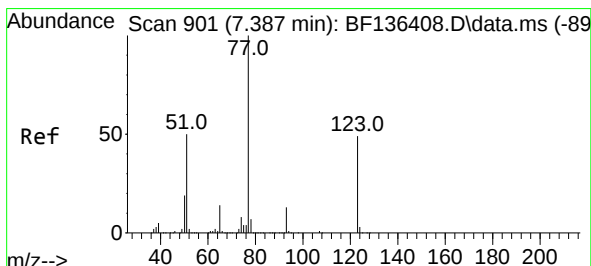
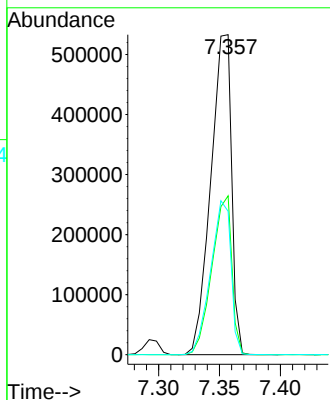
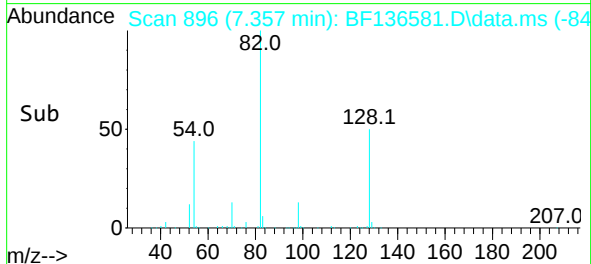
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion: 82 Resp: 633710
Ion Ratio Lower Upper
82 100
128 49.7 36.3 54.5
54 44.8 39.0 58.6

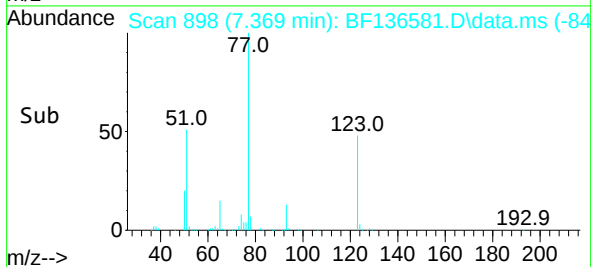
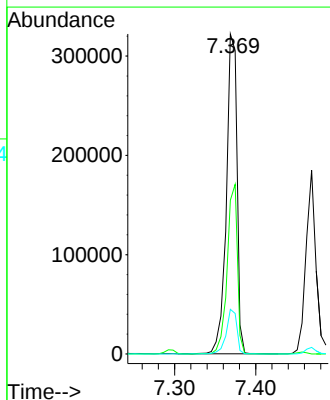
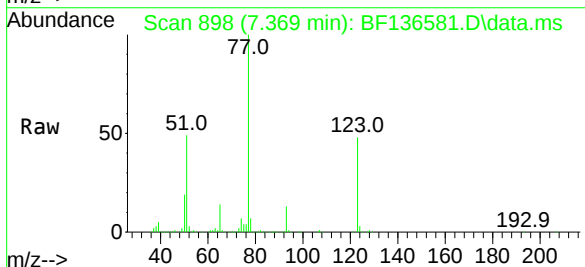
Manual Integrations
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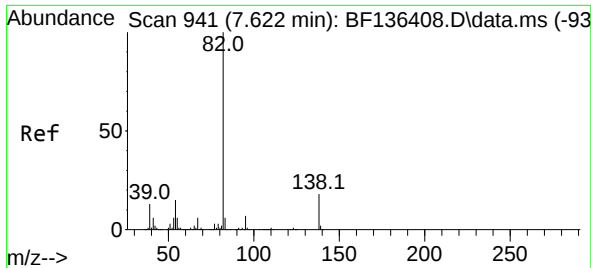
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#24
Nitrobenzene
Concen: 37.489 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Tgt Ion: 77 Resp: 294852
Ion Ratio Lower Upper
77 100
123 48.0 39.0 58.6
65 13.9 11.3 16.9





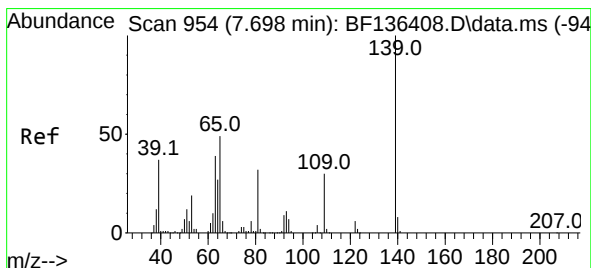
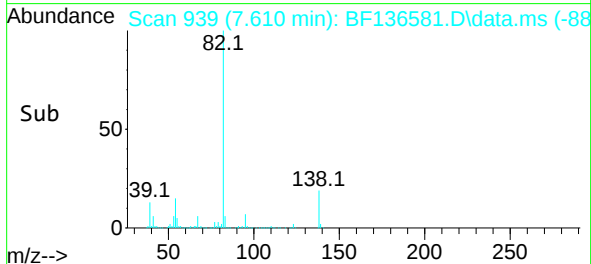
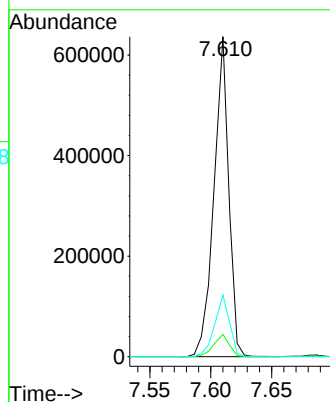
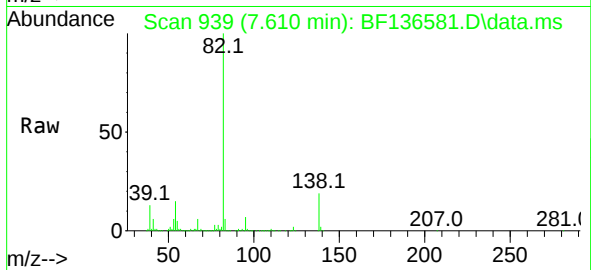
#25
Isophorone
Concen: 38.413 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion: 82 Resp: 53956
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.3 14.5 21.7

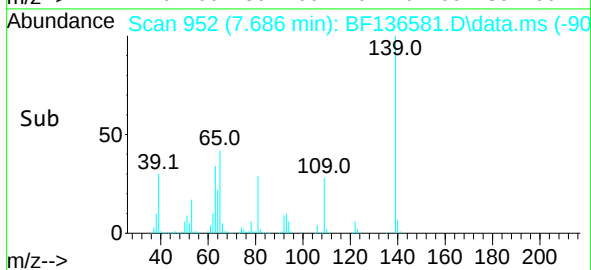
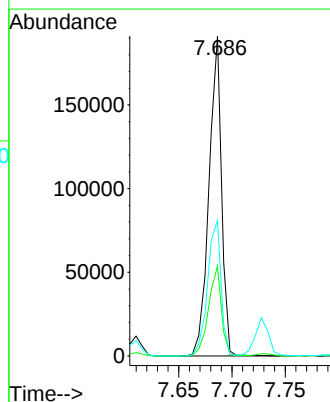
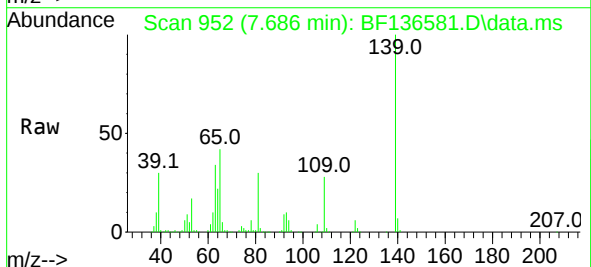
Manual Integrations
APPROVED

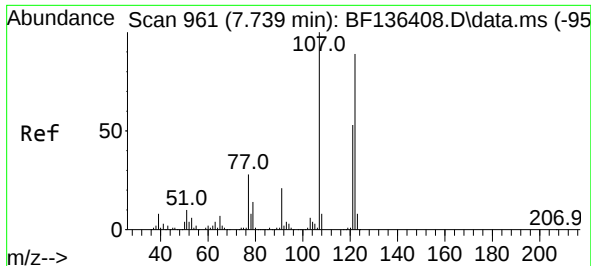
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#26
2-Nitrophenol
Concen: 40.790 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

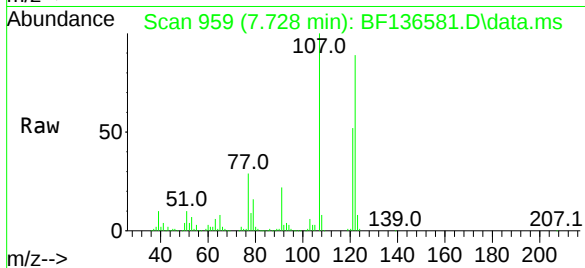
Tgt Ion:139 Resp: 157716
Ion Ratio Lower Upper
139 100
109 28.0 23.6 35.4
65 42.3 39.4 59.2





#27
2,4-Dimethylphenol
Concen: 46.623 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

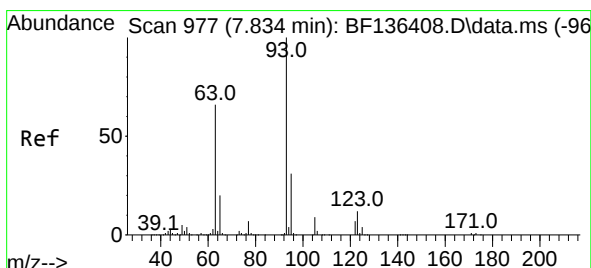
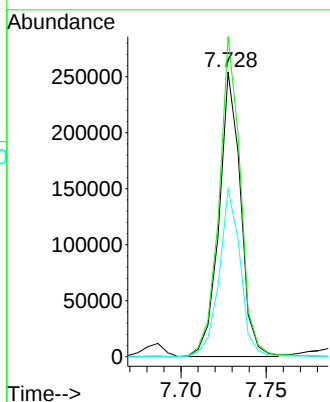
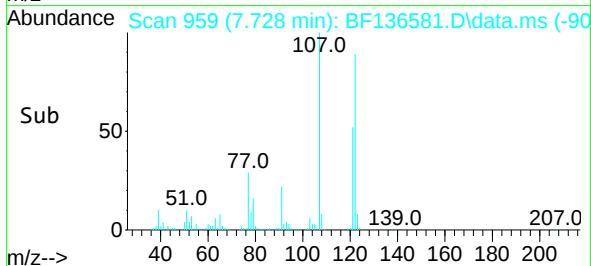
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



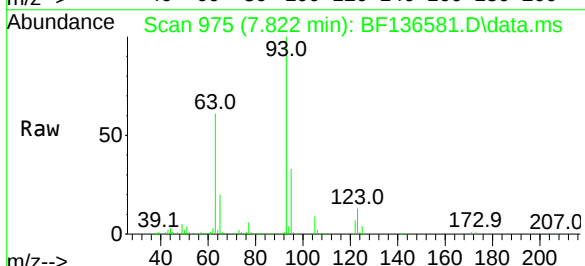
Tgt Ion:122 Resp: 22228
Ion Ratio Lower Upper
122 100
107 112.3 89.3 133.9
121 58.9 47.6 71.4

Manual Integrations
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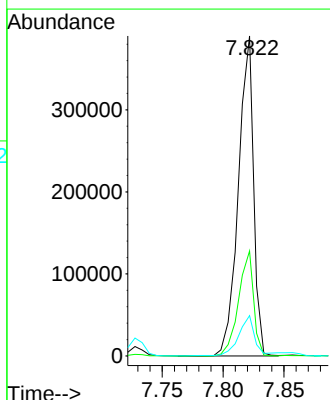
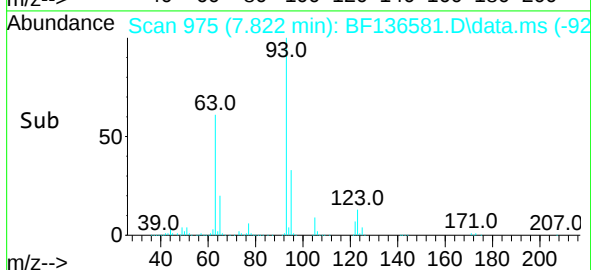
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

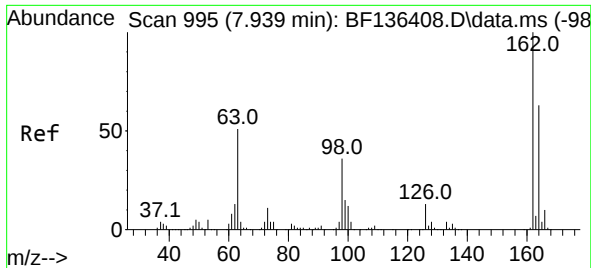


#28
bis(2-Chloroethoxy)methane
Concen: 39.419 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



Tgt Ion: 93 Resp: 340232
Ion Ratio Lower Upper
93 100
95 32.8 25.0 37.4
123 12.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 37.840 ng

RT: 7.933 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Instrument :

BNA_F

ClientSampleId :

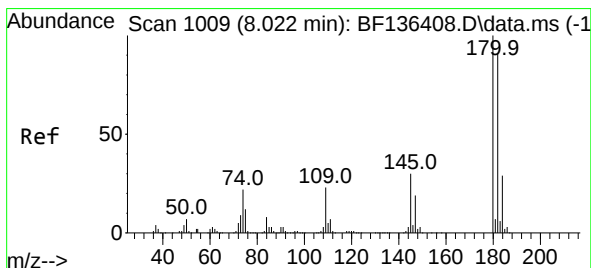
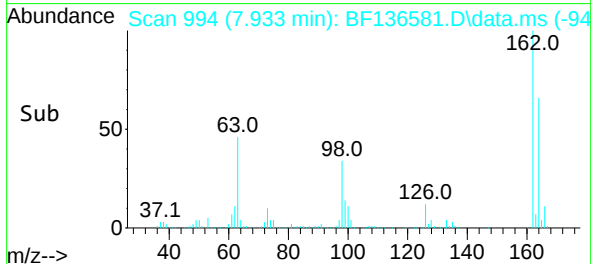
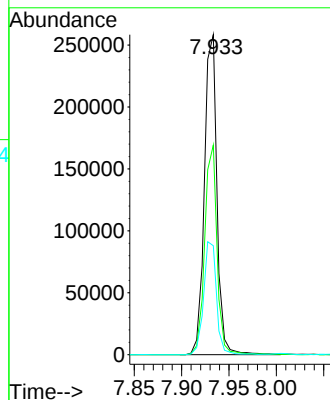
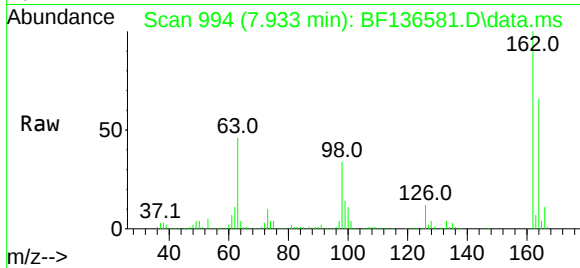
P001-WC04-01MS

Tgt Ion:162 Resp: 238129
 Ion Ratio Lower Upper
 162 100
 164 65.5 43.0 83.0
 98 34.1 16.2 56.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.309 ng

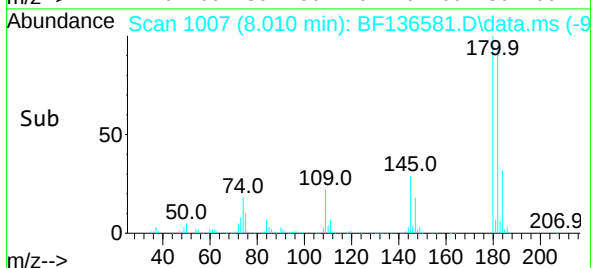
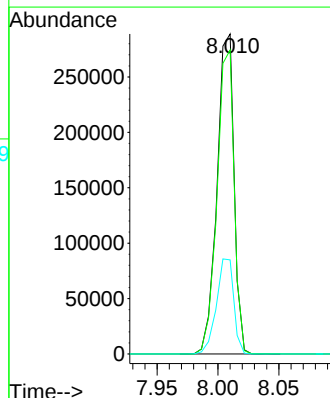
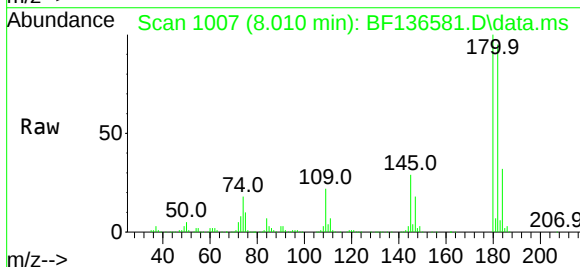
RT: 8.010 min Scan# 1007

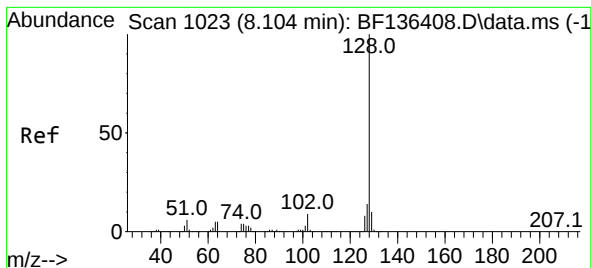
Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Tgt Ion:180 Resp: 281115
 Ion Ratio Lower Upper
 180 100
 182 95.0 73.1 109.7
 145 29.4 23.8 35.8





#31

Naphthalene

Concen: 38.023 ng

RT: 8.086 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MS

Tgt Ion:128 Resp: 88623

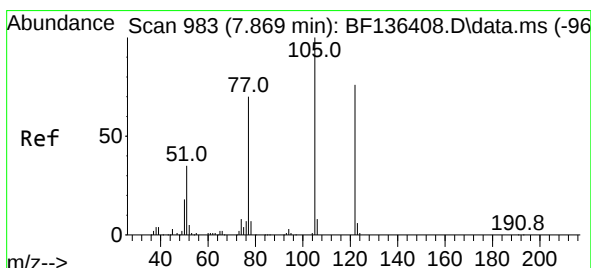
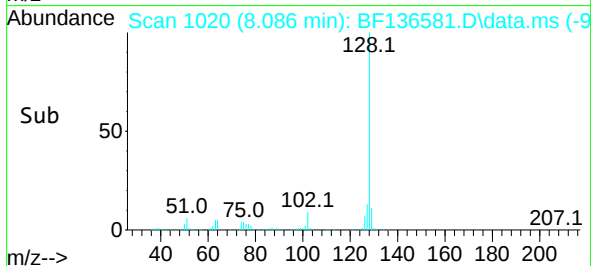
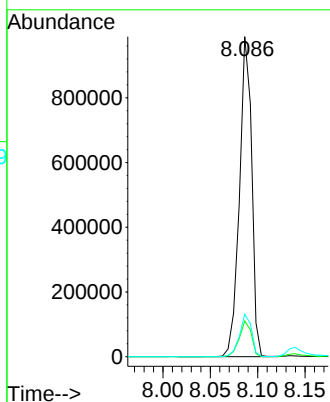
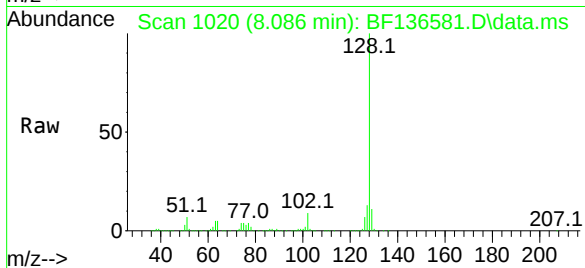
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	13.2	11.1	16.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#32

Benzoic acid

Concen: 30.470 ng

RT: 7.857 min Scan# 981

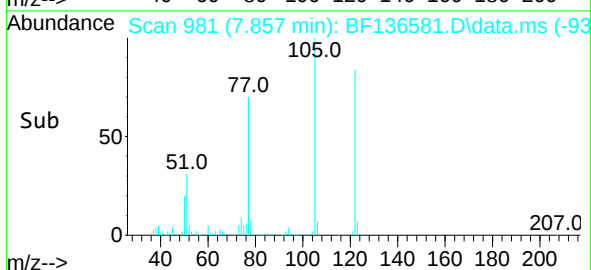
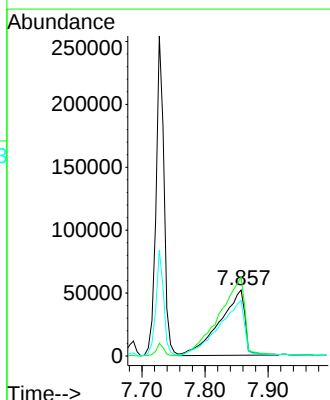
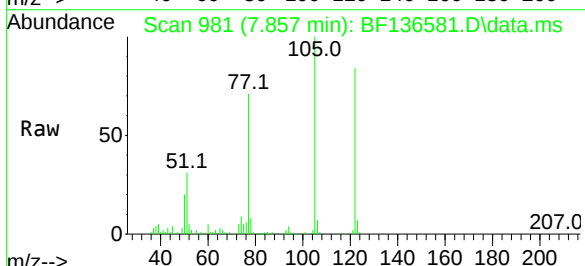
Delta R.T. -0.000 min

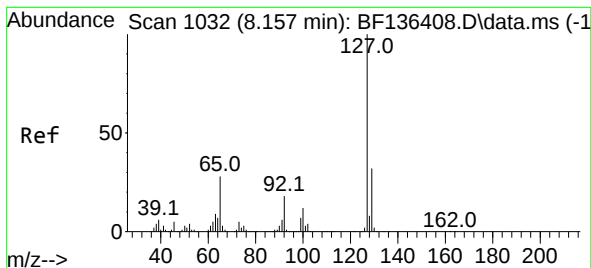
Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Tgt Ion:122 Resp: 144110

Ion	Ratio	Lower	Upper
122	100		
105	119.1	104.7	144.7
77	84.0	68.5	108.5





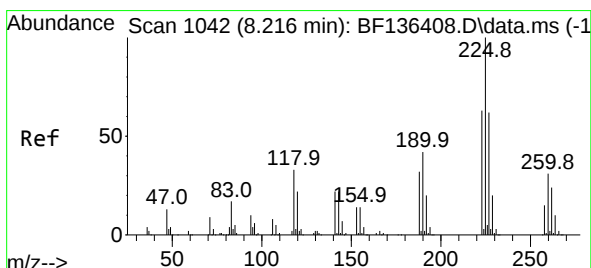
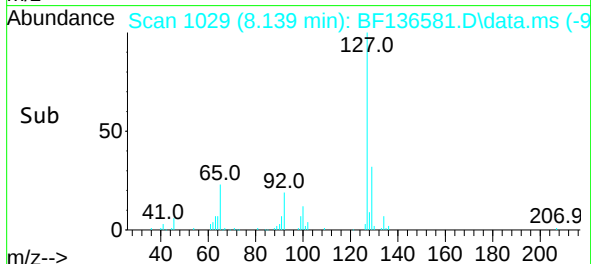
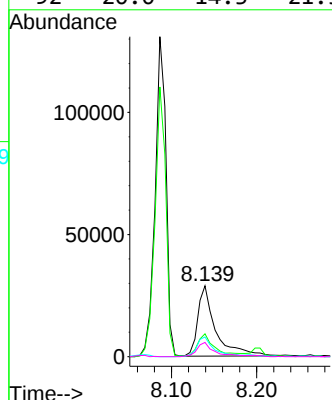
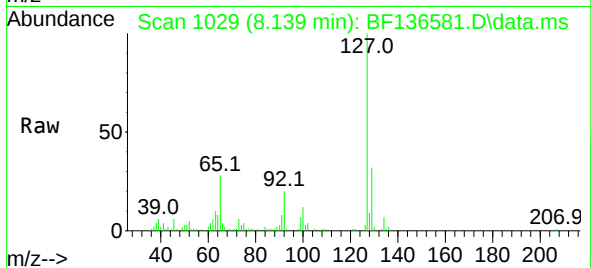
#33
4-Chloroaniline
Concen: 5.045 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion:	127	Resp:	41918
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.4	38.2
65	27.7	22.5	33.7
92	20.0	14.3	21.5

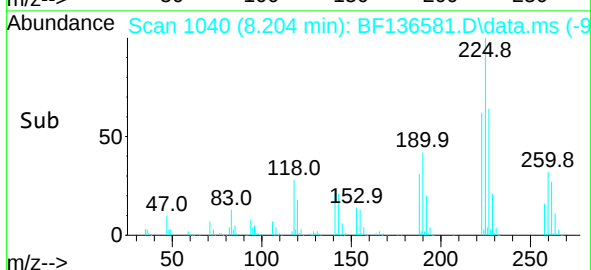
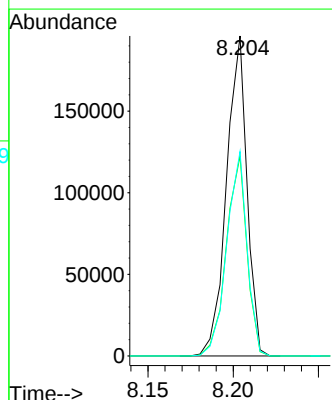
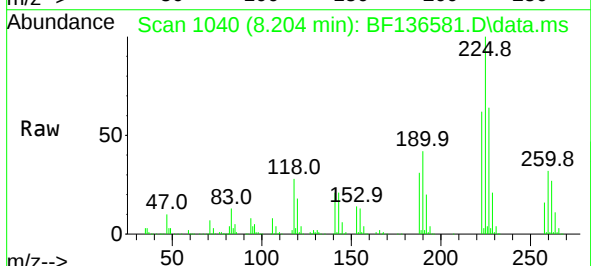
Manual Integrations
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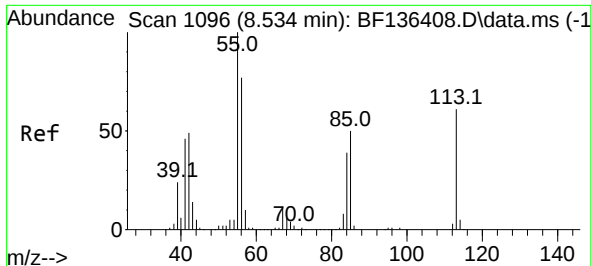
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#34
Hexachlorobutadiene
Concen: 37.657 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

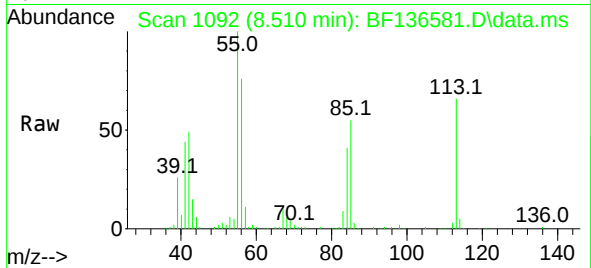
Tgt Ion:	225	Resp:	163768
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.8	76.2
227	63.9	49.8	74.8





#35
Caprolactam
Concen: 29.907 ng m
RT: 8.510 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

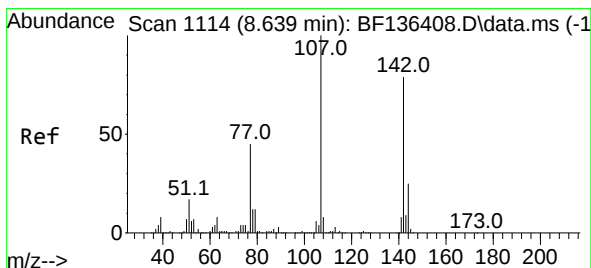
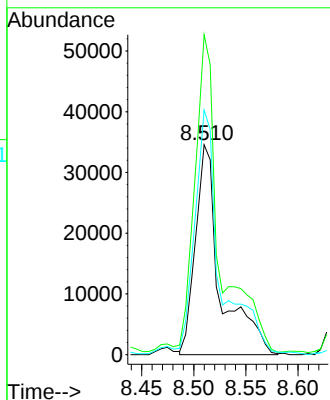
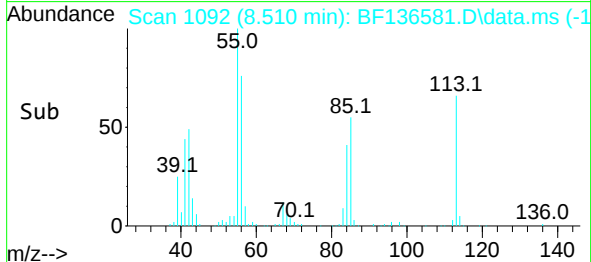
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:113 Resp: 57958
Ion Ratio Lower Upper
113 100
55 152.4 143.7 183.7
56 116.5 105.2 145.2

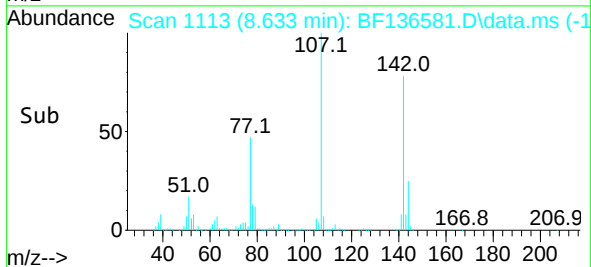
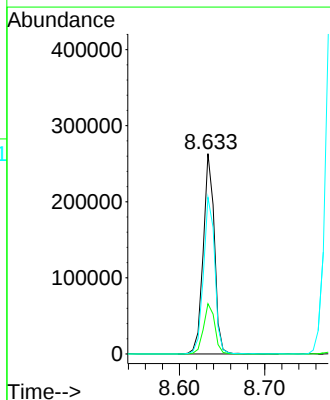
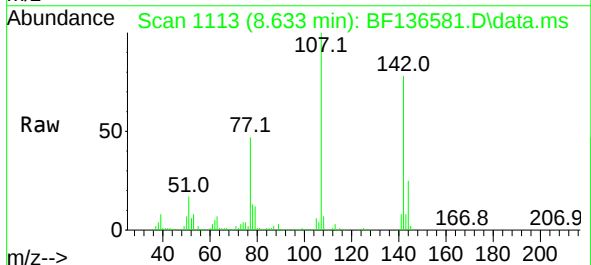
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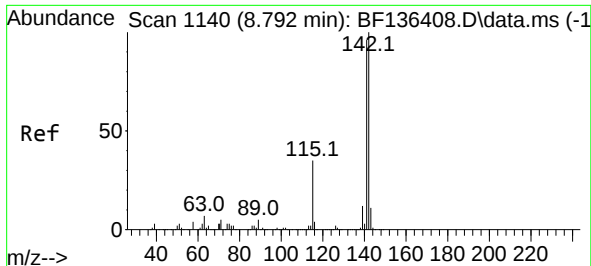
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#36
4-Chloro-3-methylphenol
Concen: 35.786 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Tgt Ion:107 Resp: 239117
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 78.2 63.1 94.7





#37

2-Methylnaphthalene

Concen: 37.392 ng

RT: 8.780 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MS

Tgt Ion:142 Resp: 55445

Ion Ratio Lower Upper

142 100

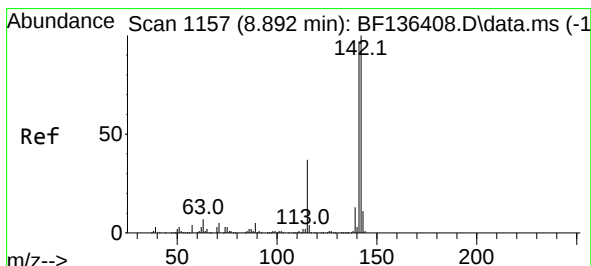
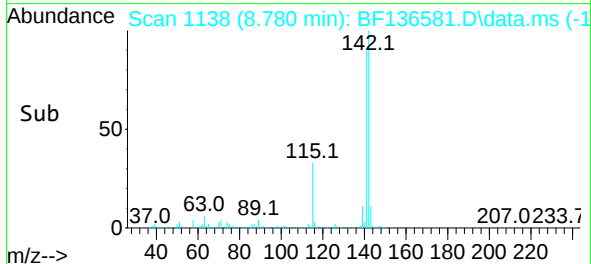
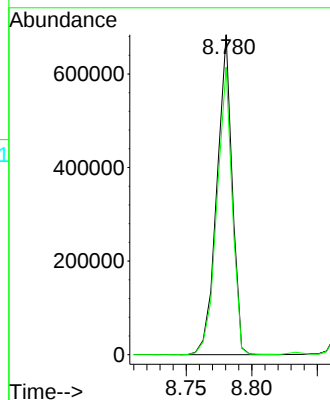
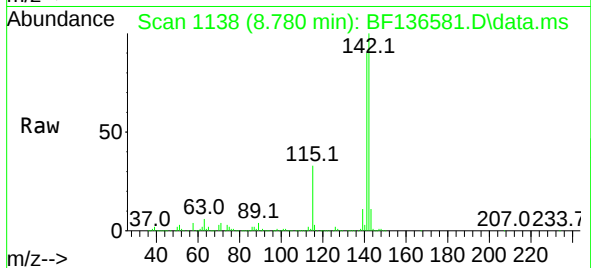
141 89.9 76.4 114.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#38

1-Methylnaphthalene

Concen: 36.853 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF136581.D

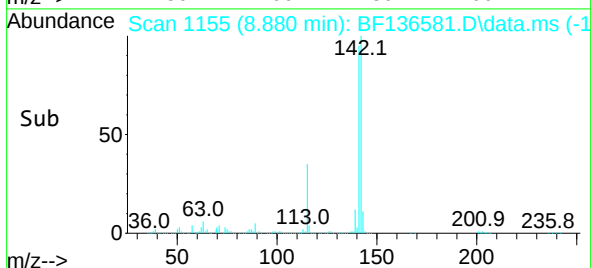
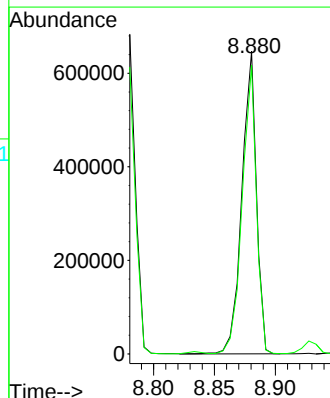
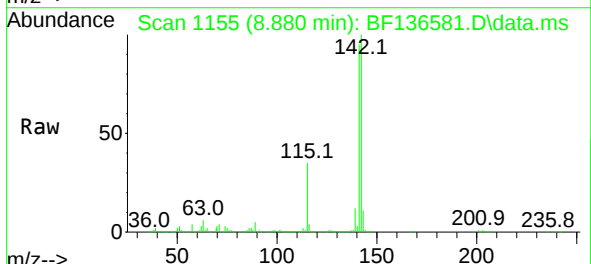
Acq: 14 Dec 2023 21:55

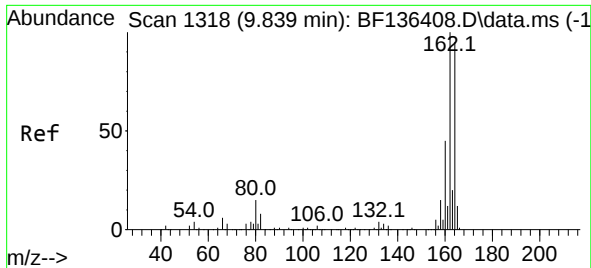
Tgt Ion:142 Resp: 536240

Ion Ratio Lower Upper

142 100

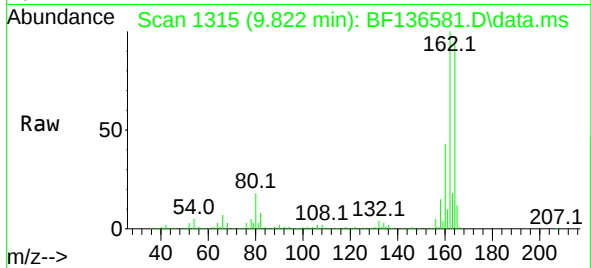
141 95.3 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

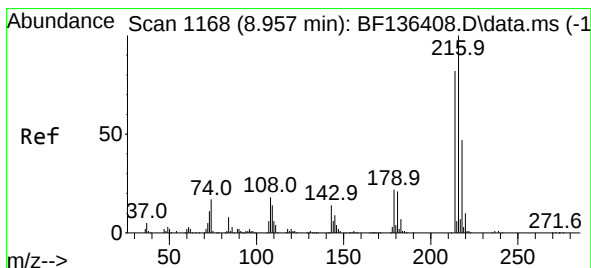
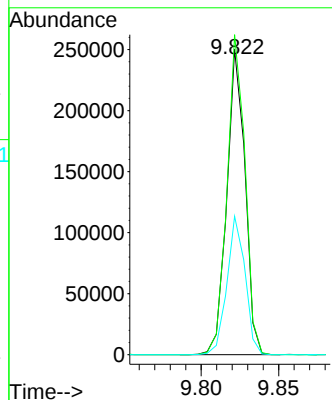
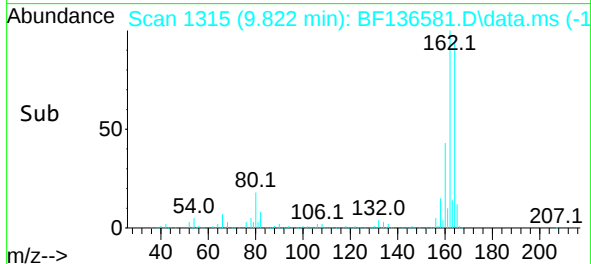
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



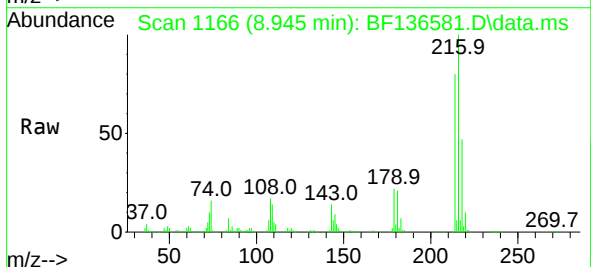
Tgt Ion:164 Resp: 204214
Ion Ratio Lower Upper
164 100
162 104.8 84.4 126.6
160 45.4 37.6 56.4

Manual Integrations
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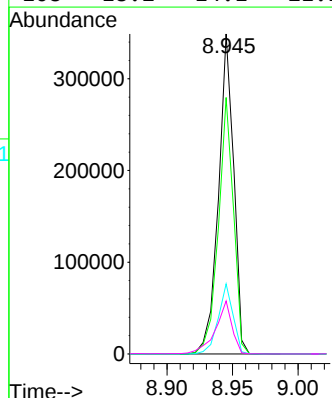
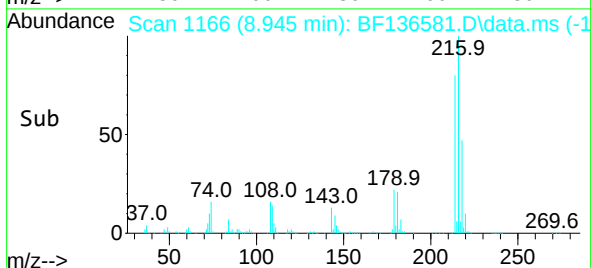
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

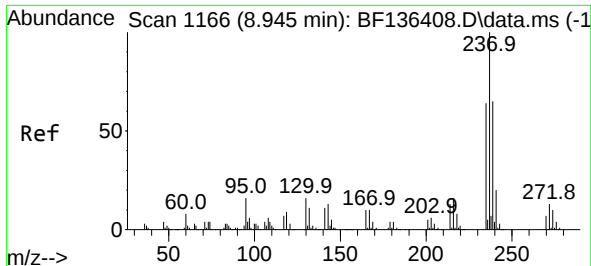


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.168 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



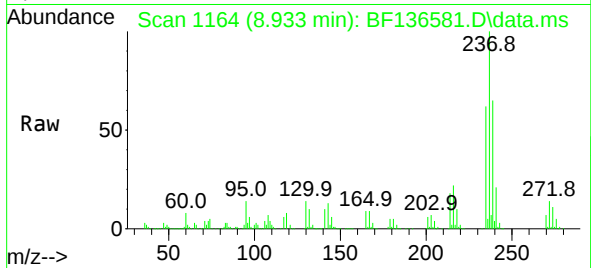
Tgt Ion:216 Resp: 280617
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 21.4 17.0 25.6
108 18.2 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 85.173 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

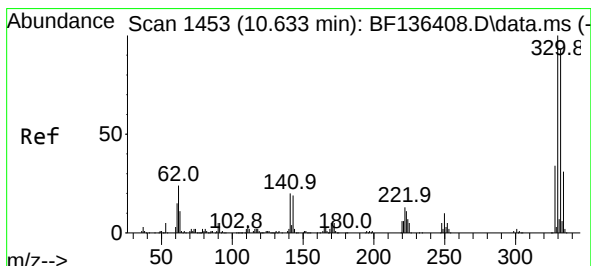
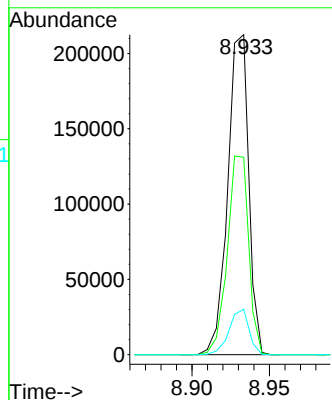
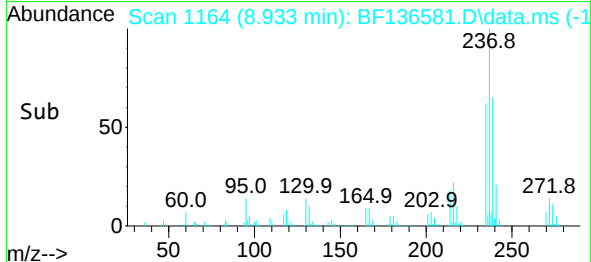
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



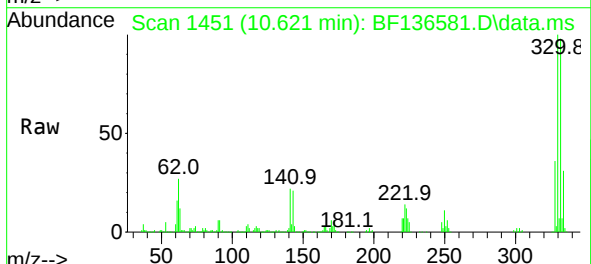
Tgt Ion:237 Resp: 200470
Ion Ratio Lower Upper
237 100
235 61.7 44.1 84.1
272 14.2 0.0 33.3

Manual Integrations
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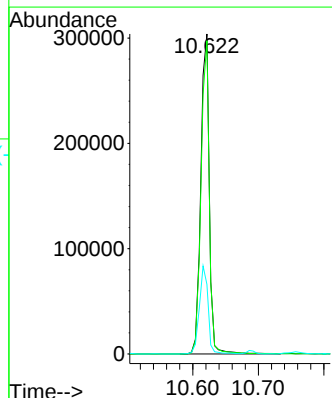
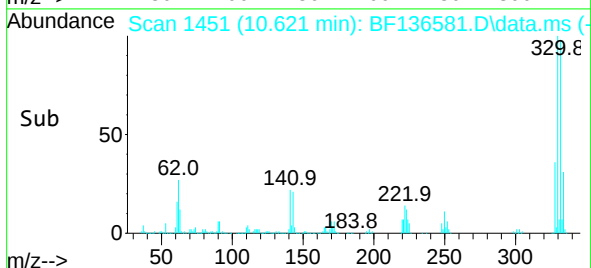
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

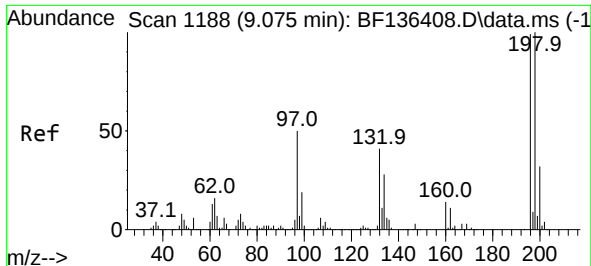


#42
2,4,6-Tribromophenol
Concen: 108.954 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



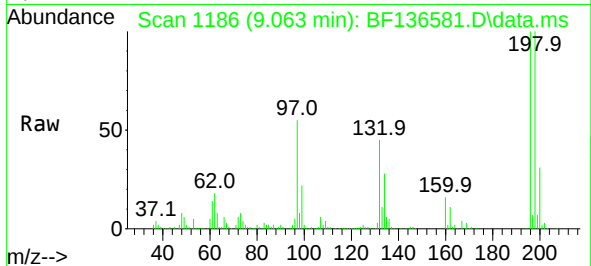
Tgt Ion:330 Resp: 274343
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 28.3 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.848 ng
RT: 9.063 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

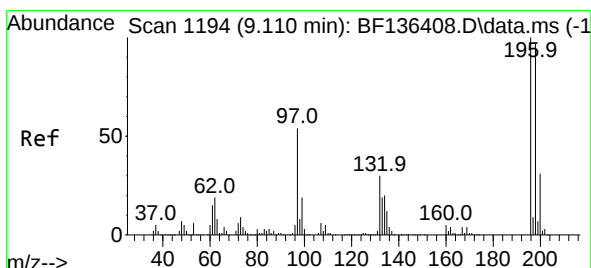
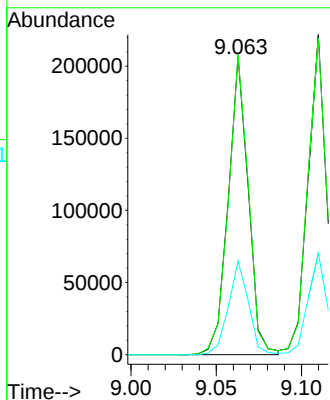
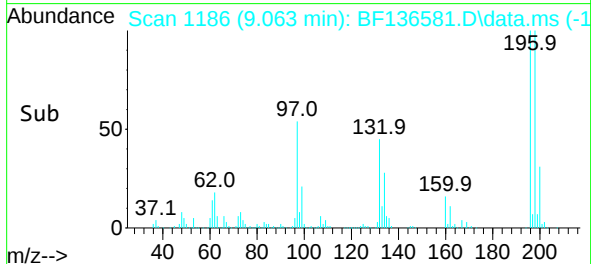
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



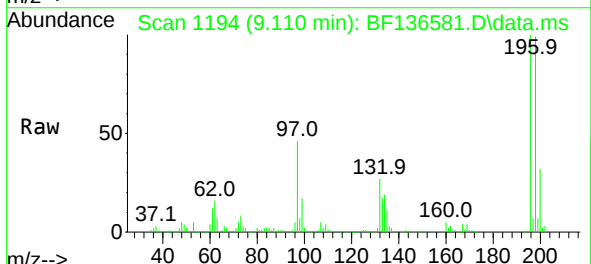
Tgt Ion:196 Resp: 16898
Ion Ratio Lower Upper
196 100
198 100.2 80.4 120.6
200 31.3 25.9 38.9

Manual Integrations
APPROVED

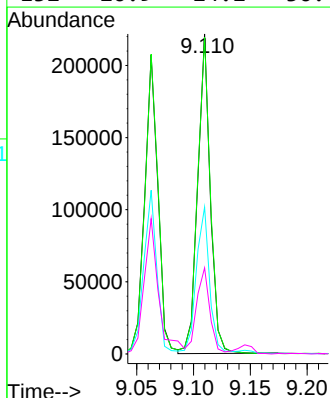
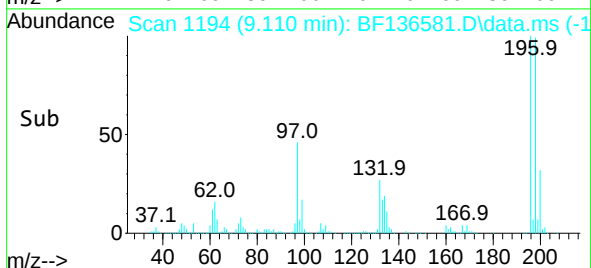
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

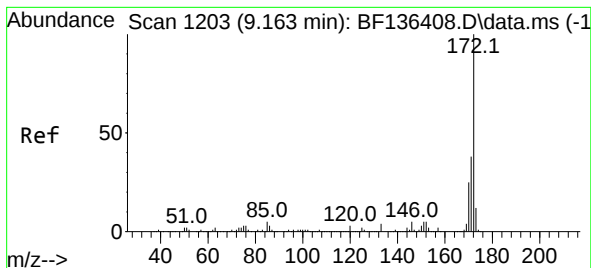


#44
2,4,5-Trichlorophenol
Concen: 37.045 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



Tgt Ion:196 Resp: 171042
Ion Ratio Lower Upper
196 100
198 99.0 78.1 117.1
97 45.9 43.4 65.2
132 26.9 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 84.899 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MS

Tgt Ion:172 Resp: 127062

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

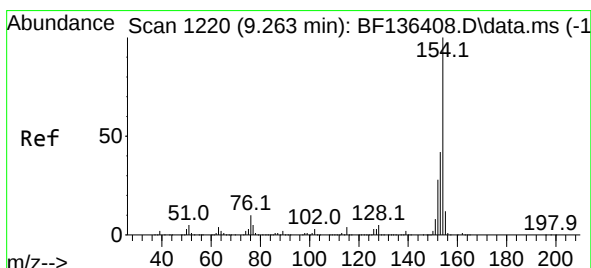
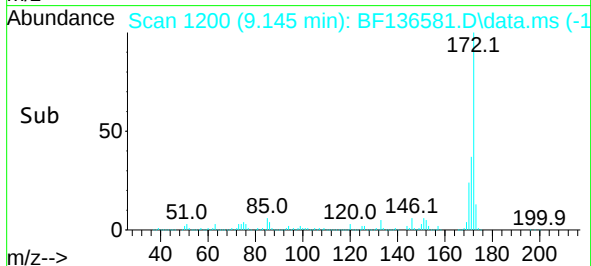
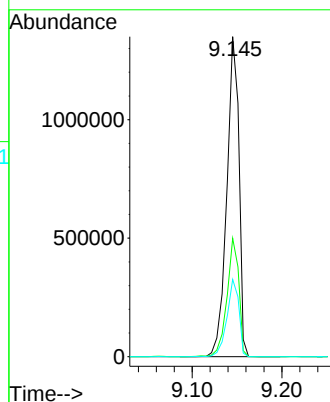
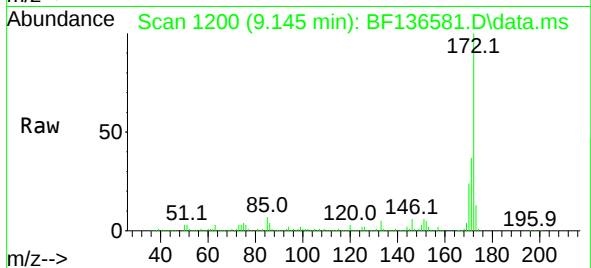
170 24.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#46

1,1'-Biphenyl

Concen: 42.203 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

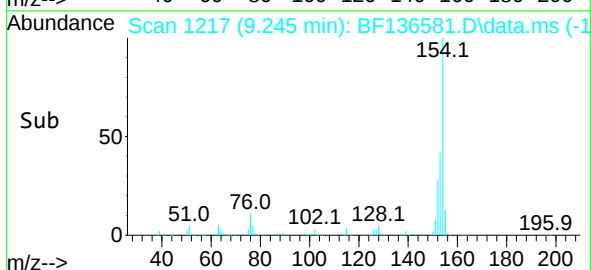
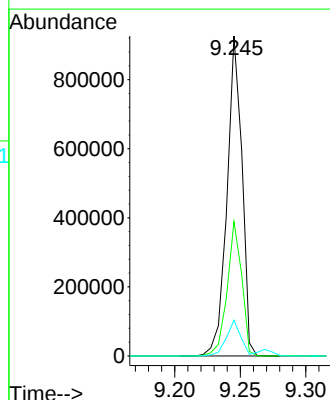
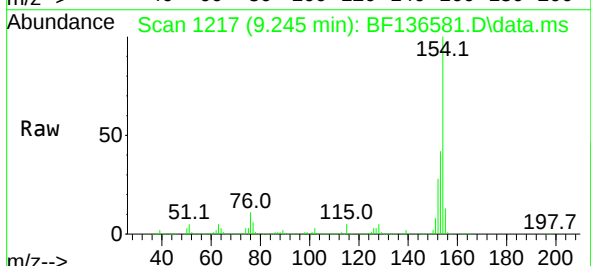
Tgt Ion:154 Resp: 733348

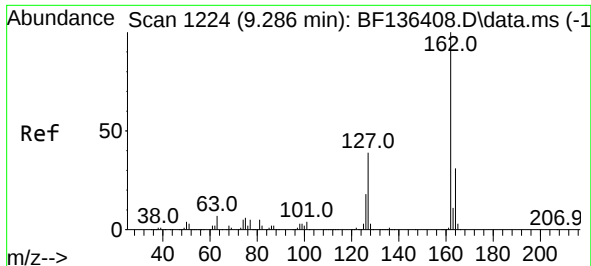
Ion Ratio Lower Upper

154 100

153 42.0 22.5 62.5

76 11.2 0.0 29.9





#47

2-Chloronaphthalene

Concen: 39.894 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MS

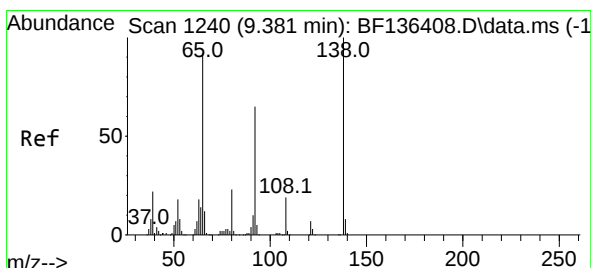
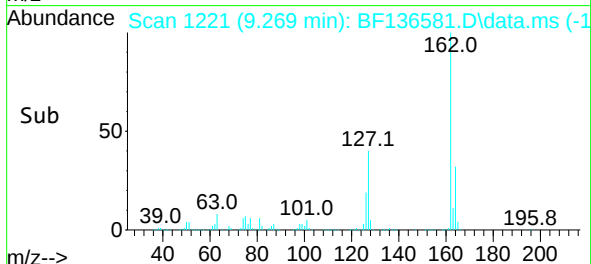
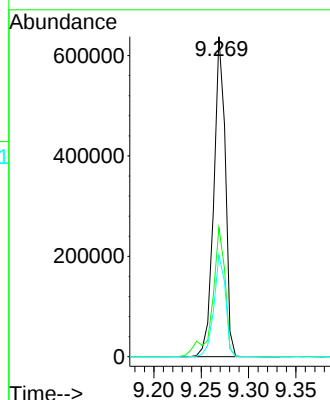
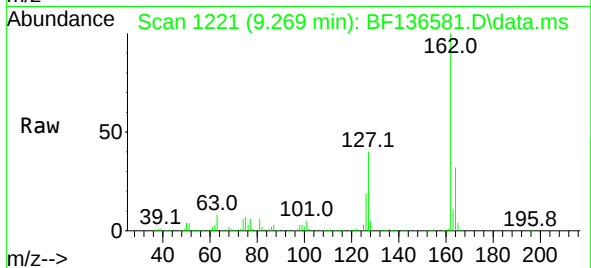
Tgt Ion:	162	Resp:	53954
Ion Ratio	Lower	Upper	
162	100		
127	40.3	31.1	46.7
164	31.7	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#48

2-Nitroaniline

Concen: 38.543 ng

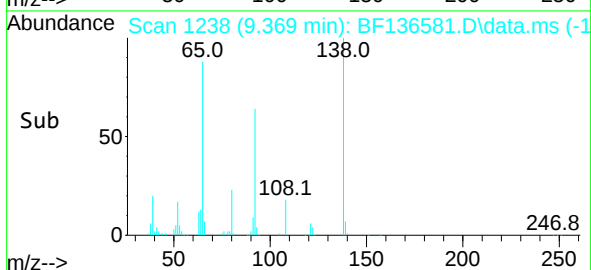
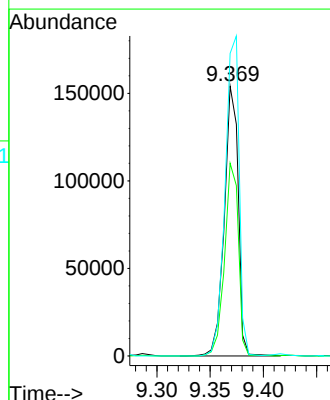
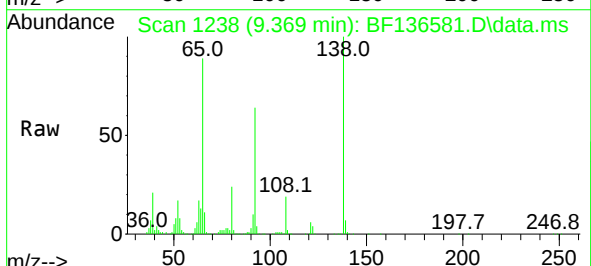
RT: 9.369 min Scan# 1238

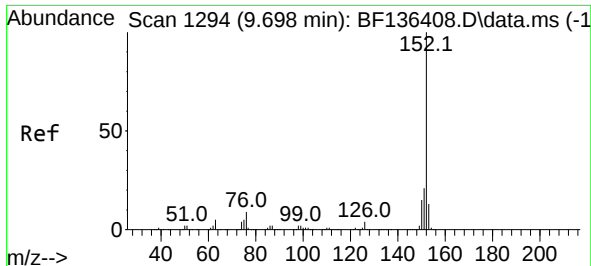
Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Tgt Ion:	65	Resp:	139808
Ion Ratio	Lower	Upper	
65	100		
92	71.4	56.1	84.1
138	112.1	86.7	130.1





#49

Acenaphthylene

Concen: 42.549 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MS

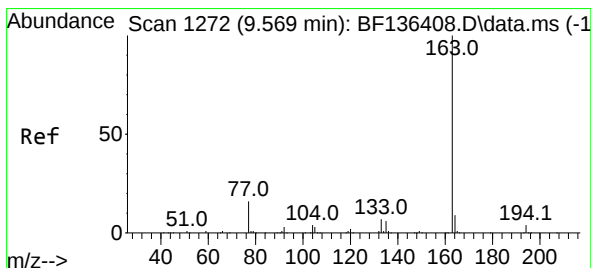
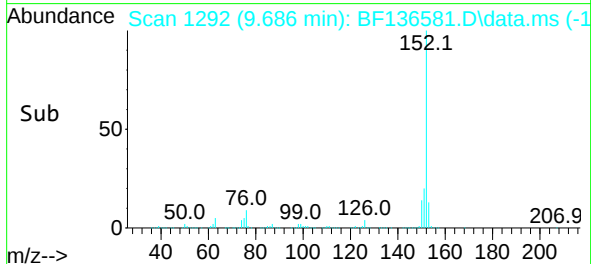
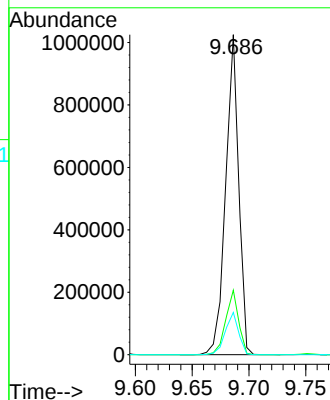
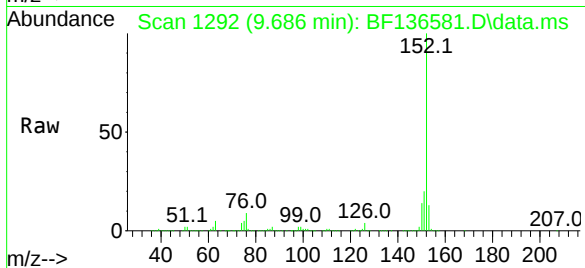
Tgt Ion:152 Resp: 819754
 Ion Ratio Lower Upper
 152 100
 151 20.2 17.2 25.8
 153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#50

Dimethylphthalate

Concen: 41.213 ng

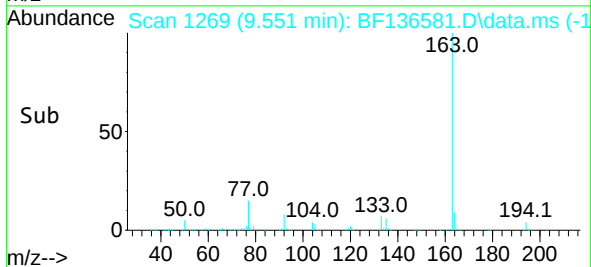
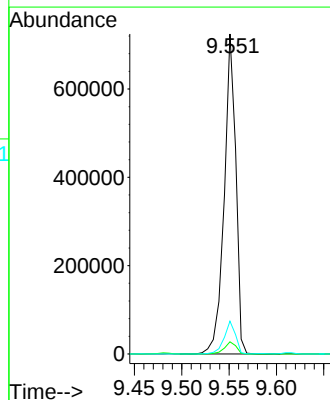
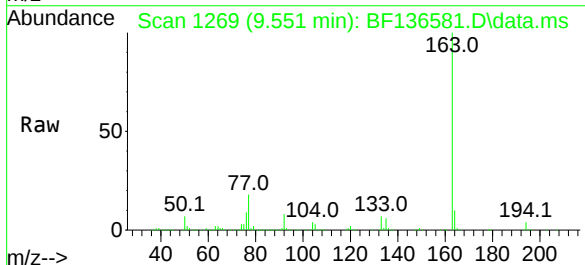
RT: 9.551 min Scan# 1269

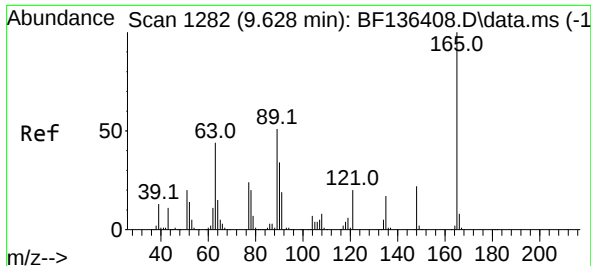
Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

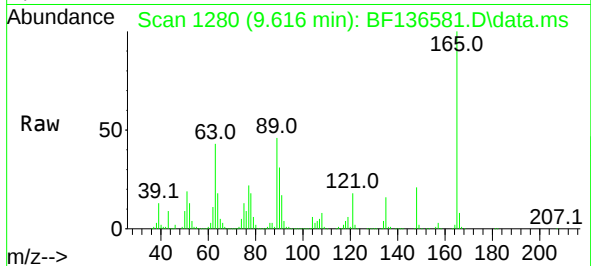
Tgt Ion:163 Resp: 619636
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 10.2 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 39.858 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

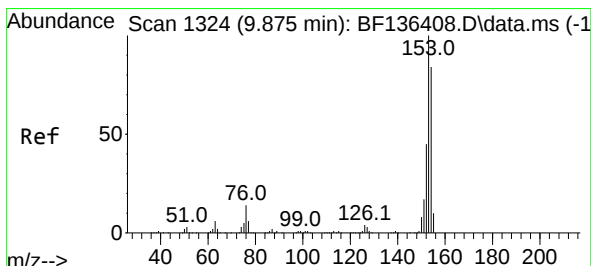
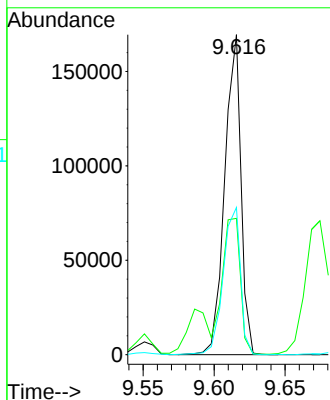
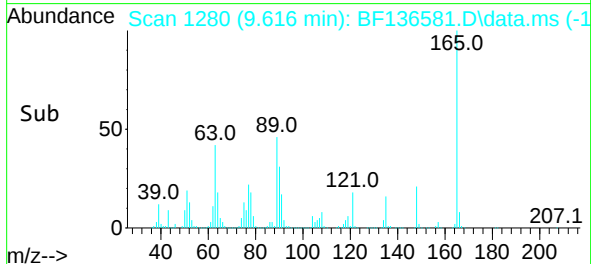
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:165 Resp: 134810
Ion Ratio Lower Upper
165 100
63 42.6 40.4 60.6
89 46.0 40.6 60.8

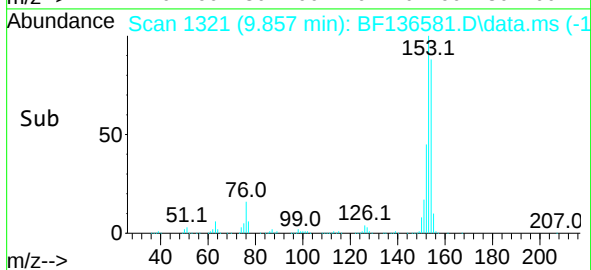
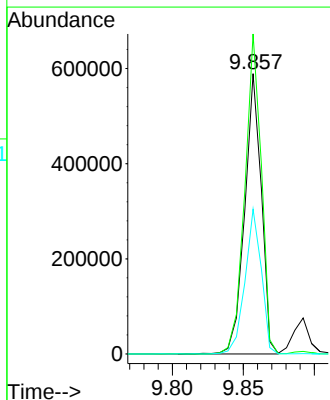
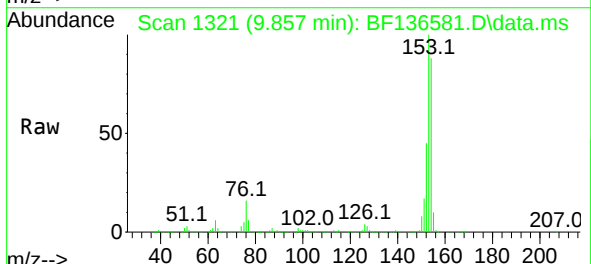
Manual Integrations
APPROVED

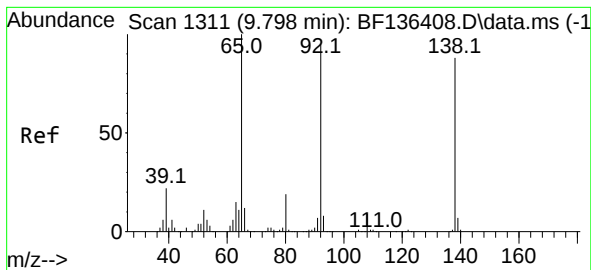
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#52
Acenaphthene
Concen: 38.836 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

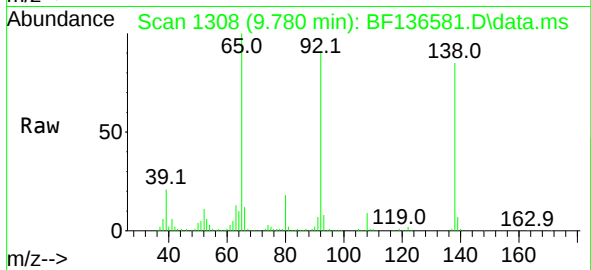
Tgt Ion:154 Resp: 479463
Ion Ratio Lower Upper
154 100
153 114.1 95.3 142.9
152 51.6 43.2 64.8





#53
3-Nitroaniline
Concen: 17.100 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

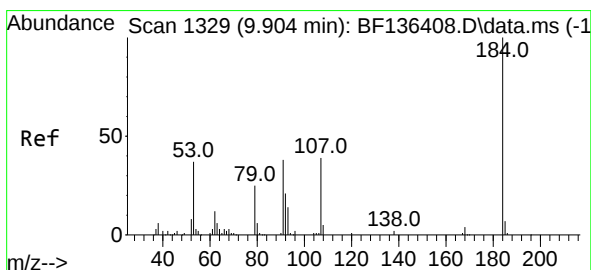
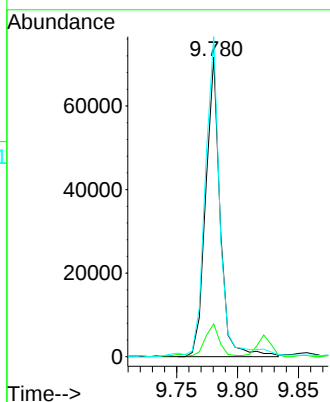
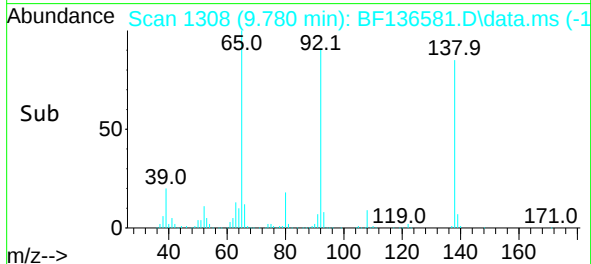
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



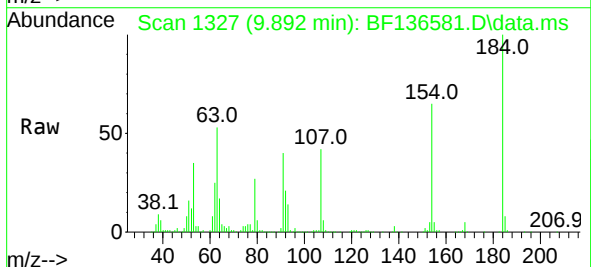
Tgt Ion:138 Resp: 59064
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 106.8 86.1 129.1

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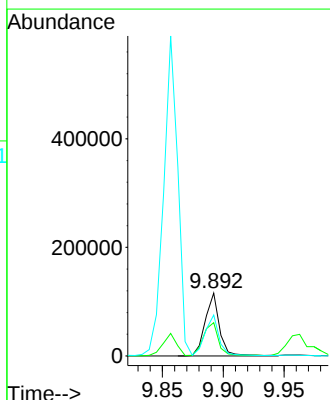
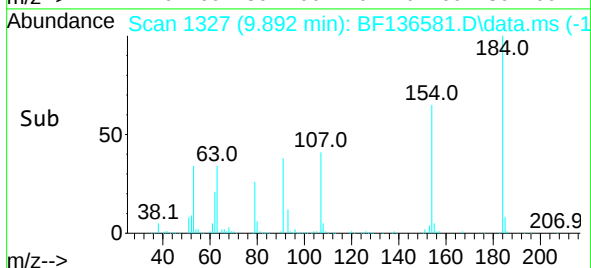
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

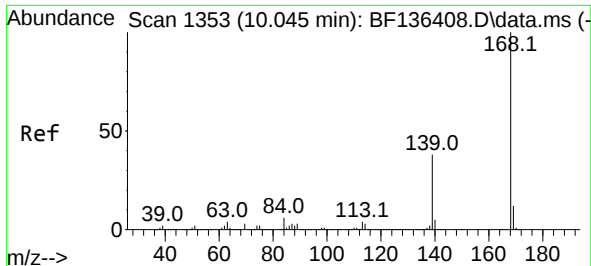


#54
2,4-Dinitrophenol
Concen: 55.316 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



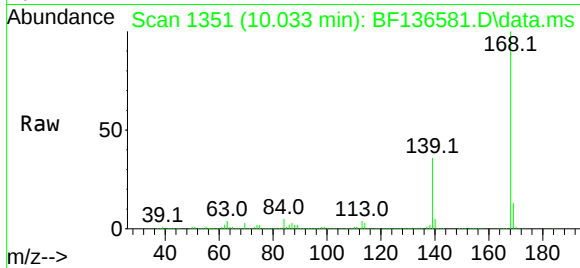
Tgt Ion:184 Resp: 94599
Ion Ratio Lower Upper
184 100
63 52.9 39.1 58.7
154 65.3 49.9 74.9





#55
Dibenzenofuran
Concen: 39.816 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

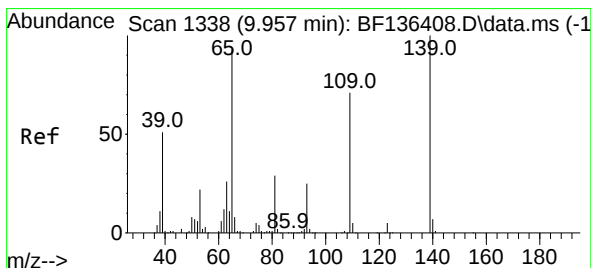
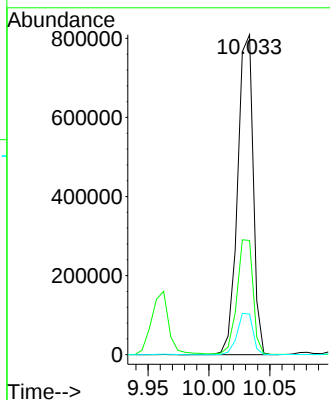
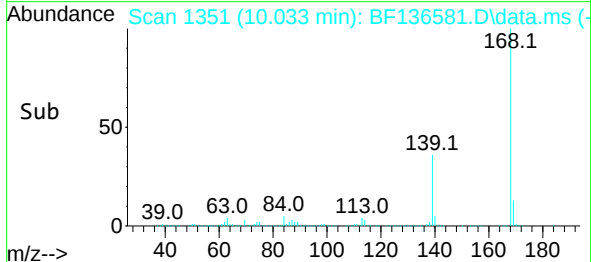
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:168 Resp: 718118
Ion Ratio Lower Upper
168 100
139 35.7 30.4 45.6
169 12.7 9.9 14.9

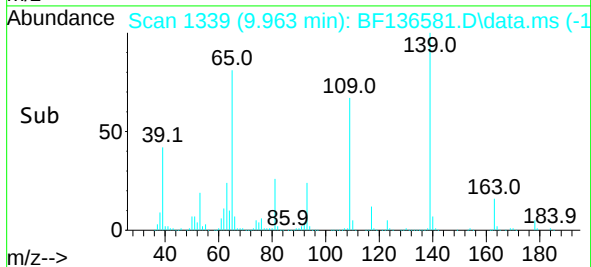
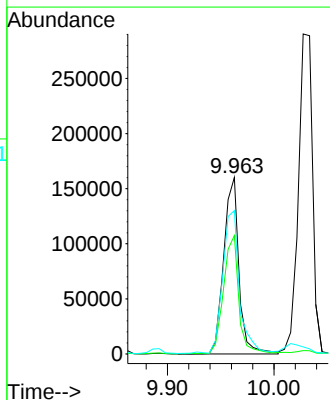
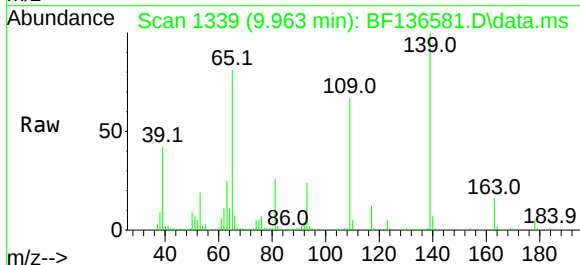
Manual Integrations
APPROVED

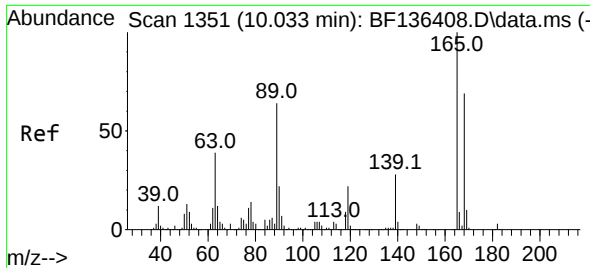
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#56
4-Nitrophenol
Concen: 61.420 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Tgt Ion:139 Resp: 159036
Ion Ratio Lower Upper
139 100
109 67.1 50.6 90.6
65 81.2 73.1 113.1





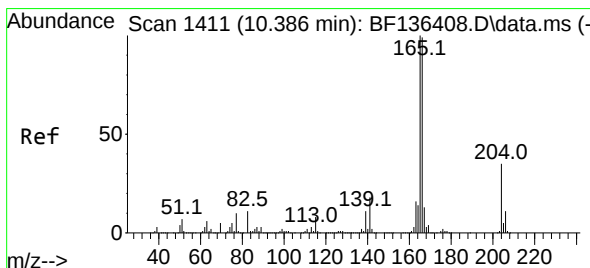
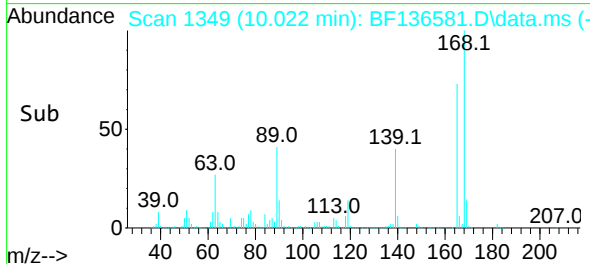
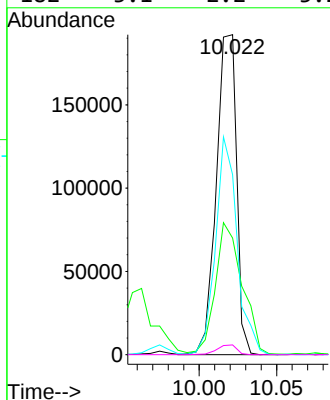
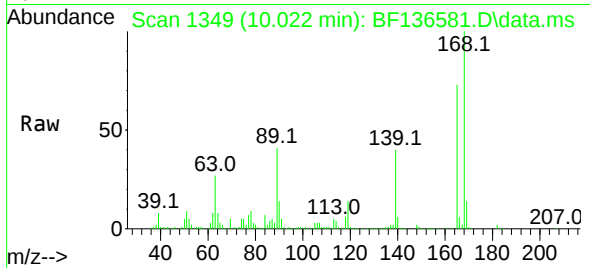
#57
2,4-Dinitrotoluene
Concen: 39.183 ng
RT: 10.022 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion:165 Resp: 175329
Ion Ratio Lower Upper
165 100
63 36.4 31.4 47.2
89 56.3 51.7 77.5
182 3.1 2.2 3.2

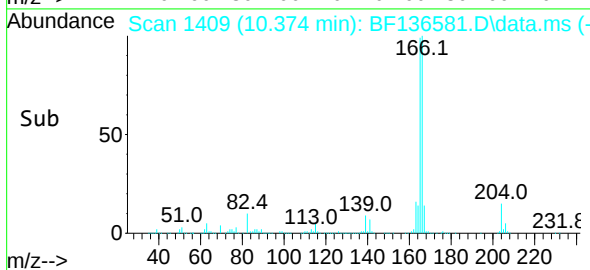
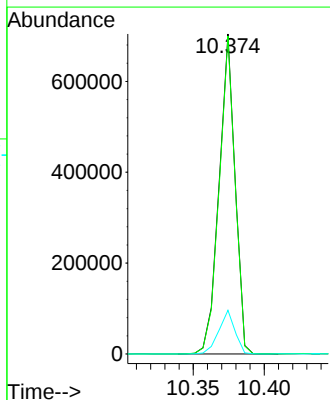
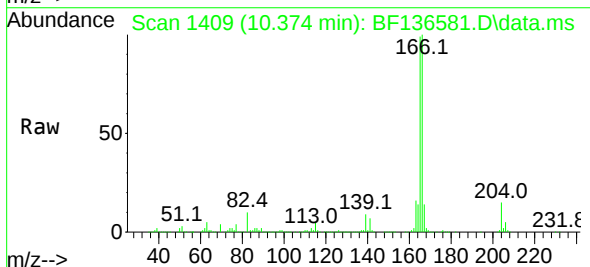
Manual Integrations
APPROVED

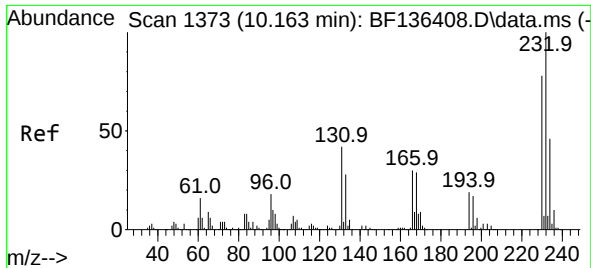
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#58
Fluorene
Concen: 38.100 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

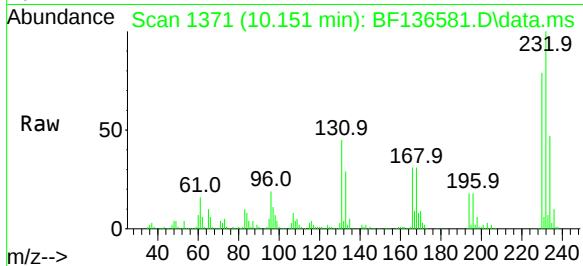
Tgt Ion:166 Resp: 551602
Ion Ratio Lower Upper
166 100
165 99.4 80.5 120.7
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.411 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

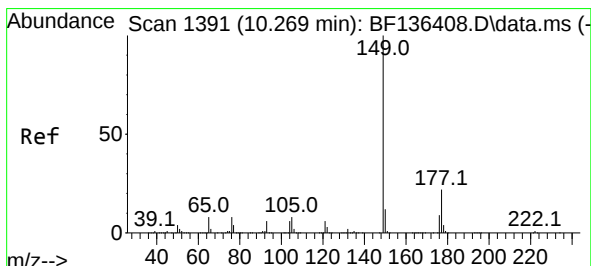
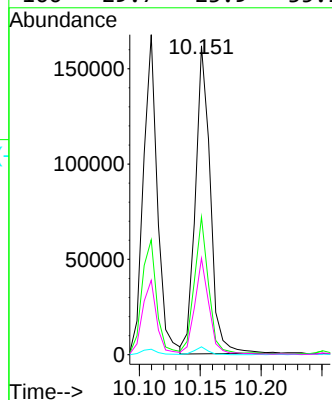
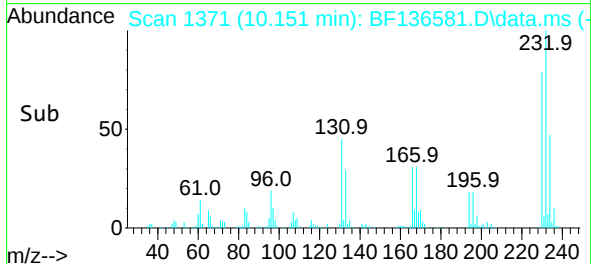
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



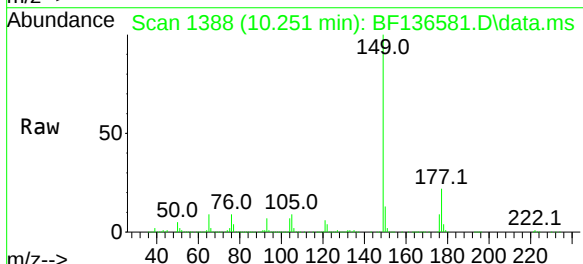
Tgt Ion:232 Resp: 138361
Ion Ratio Lower Upper
232 100
131 42.6 34.3 51.5
130 2.3 1.6 2.4
166 29.7 23.9 35.9

Manual Integrations
APPROVED

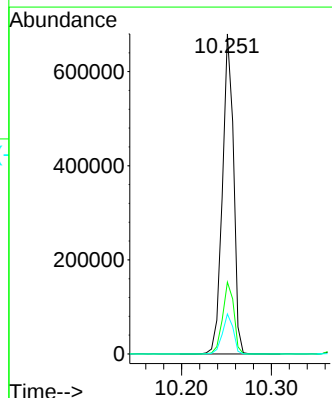
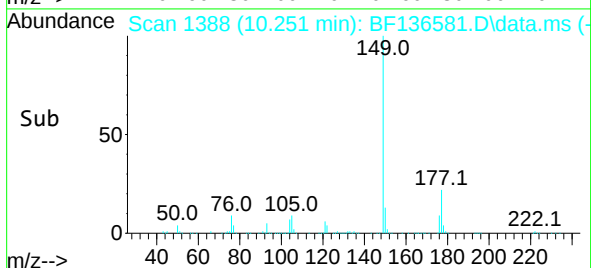
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

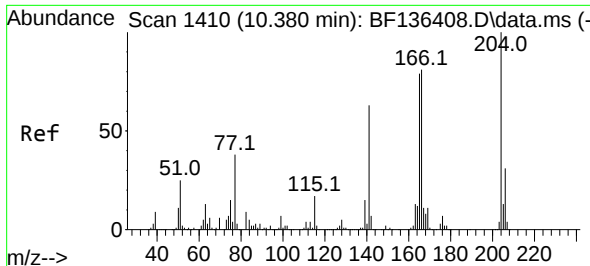


#60
Diethylphthalate
Concen: 39.465 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



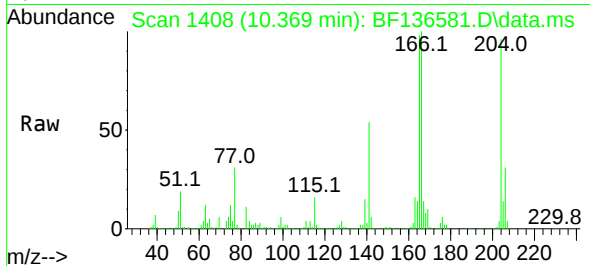
Tgt Ion:149 Resp: 583458
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.5 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 39.633 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

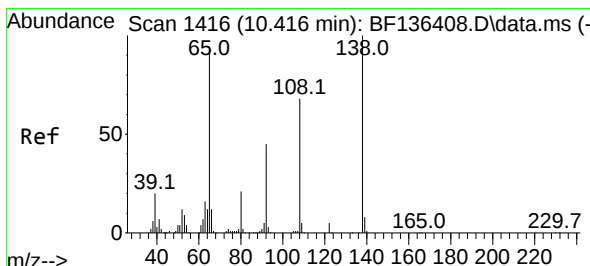
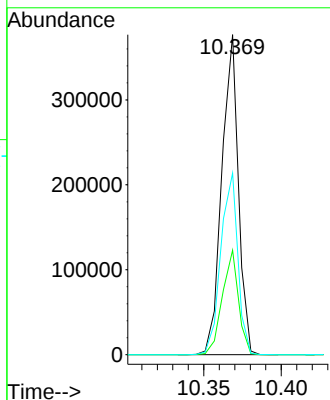
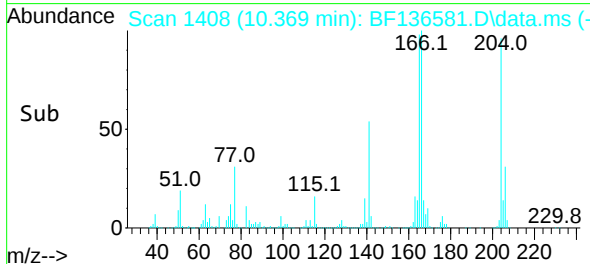
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



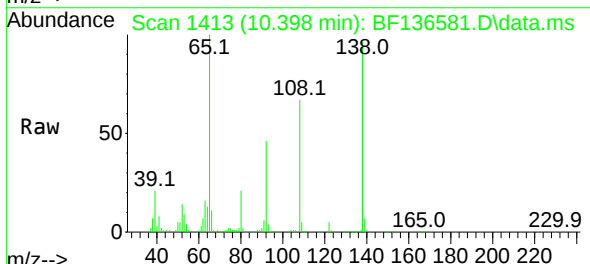
Tgt Ion:204 Resp: 279725
Ion Ratio Lower Upper
204 100
206 32.7 24.6 36.8
141 56.8 50.3 75.5

Manual Integrations
APPROVED

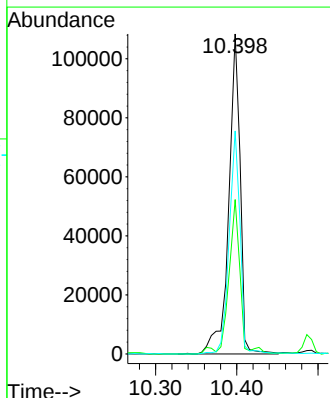
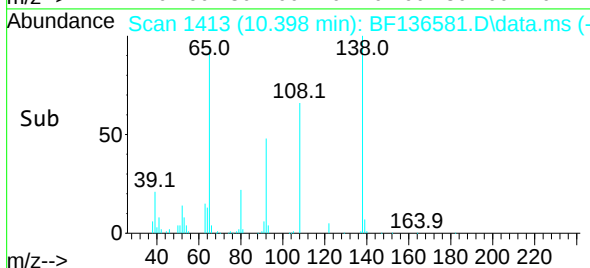
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

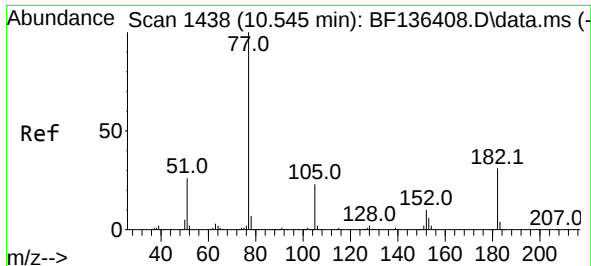


#62
4-Nitroaniline
Concen: 30.933 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



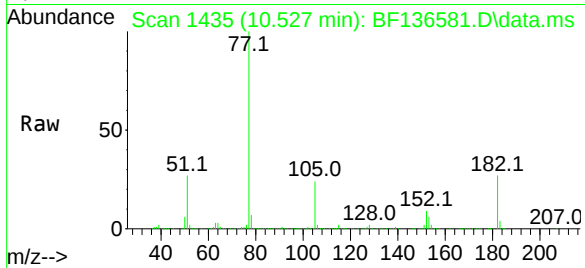
Tgt Ion:138 Resp: 106092
Ion Ratio Lower Upper
138 100
92 48.3 25.0 65.0
108 69.7 47.9 87.9





#63
Azobenzene
Concen: 36.149 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

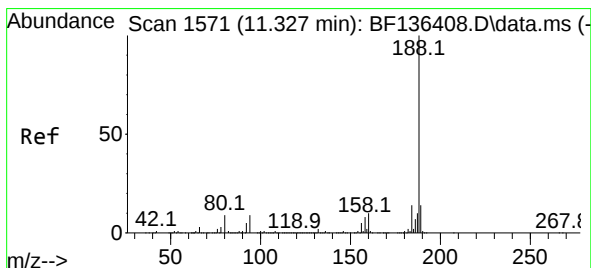
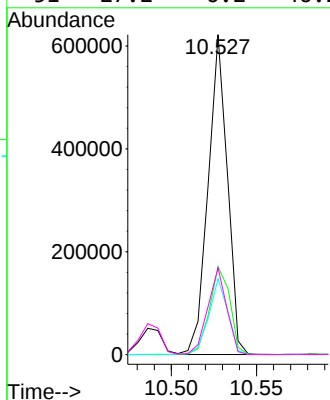
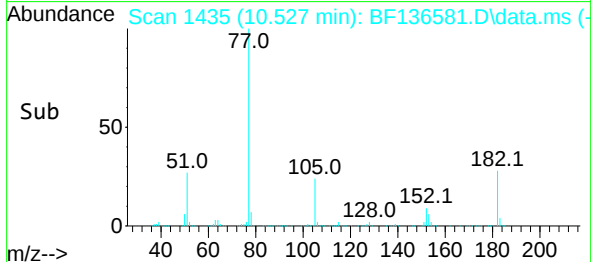
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



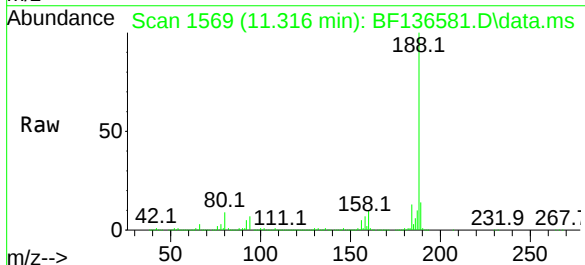
Tgt Ion: 77 Resp: 486450
Ion Ratio Lower Upper
77 100
182 27.5 10.8 50.8
105 23.8 2.6 42.6
51 27.2 6.2 46.2

Manual Integrations
APPROVED

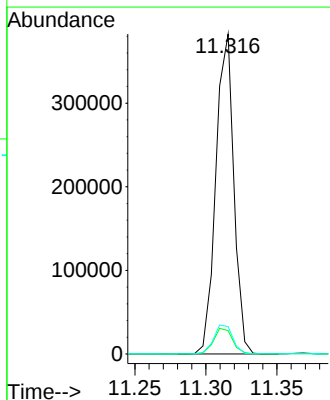
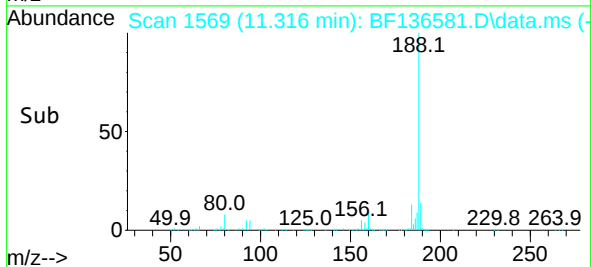
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

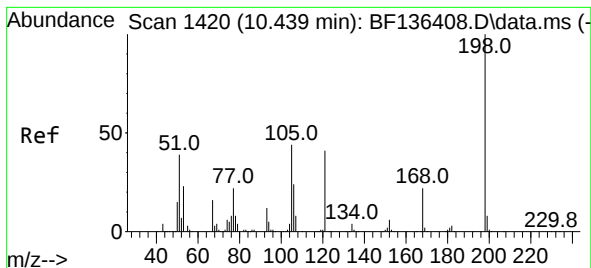


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



Tgt Ion:188 Resp: 336079
Ion Ratio Lower Upper
188 100
94 7.3 7.2 10.8
80 8.6 7.2 10.8





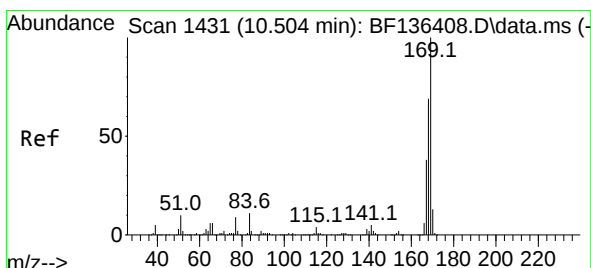
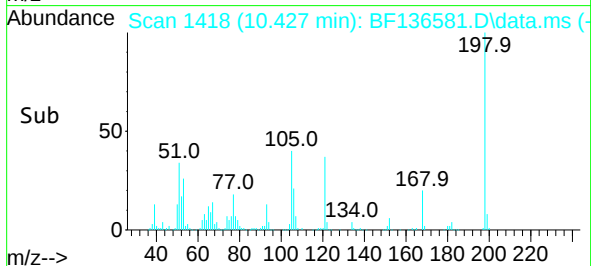
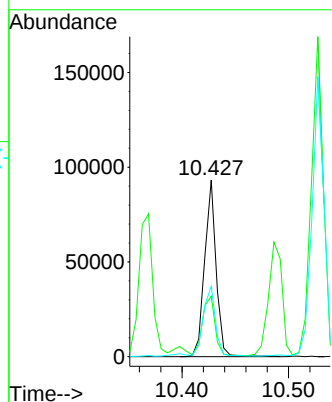
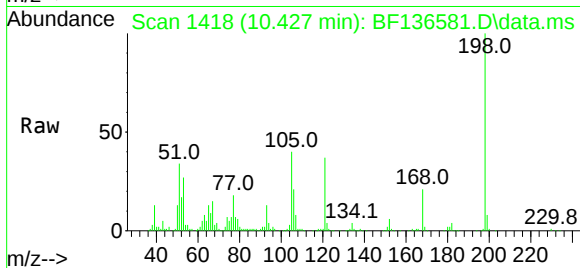
#65
4,6-Dinitro-2-methylphenol
Concen: 33.920 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion:198 Resp: 70600
Ion Ratio Lower Upper
198 100
51 34.2 24.1 64.1
105 39.8 24.8 64.8

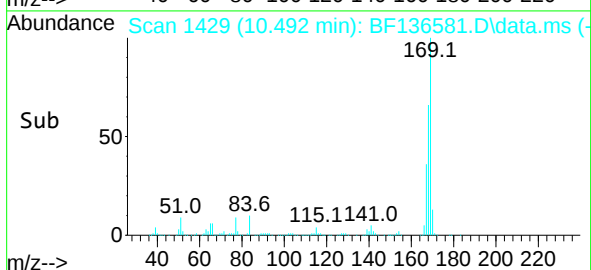
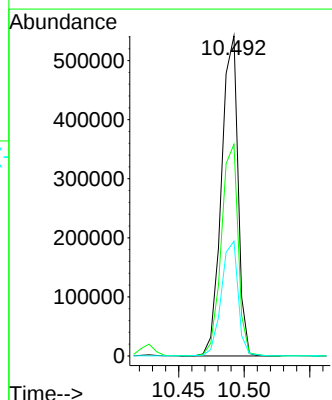
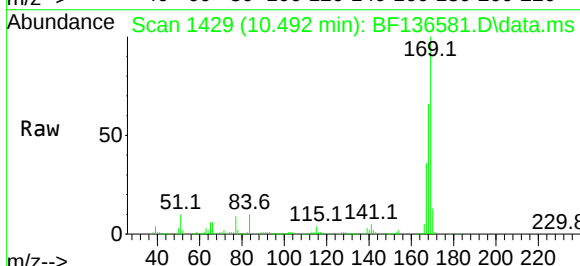
Manual Integrations
APPROVED

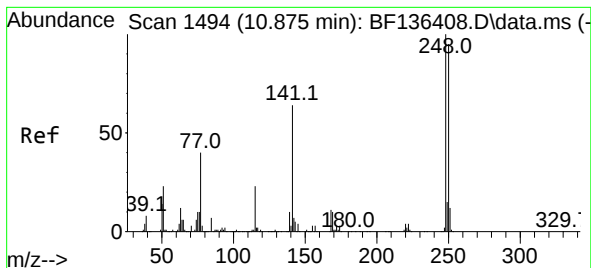
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#66
n-Nitrosodiphenylamine
Concen: 43.995 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

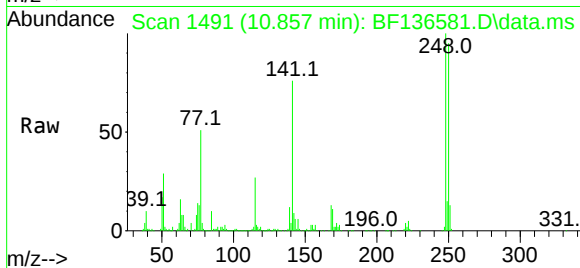
Tgt Ion:169 Resp: 474446
Ion Ratio Lower Upper
169 100
168 66.2 55.3 82.9
167 35.9 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 43.089 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

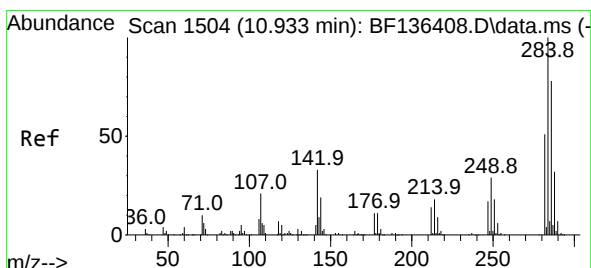
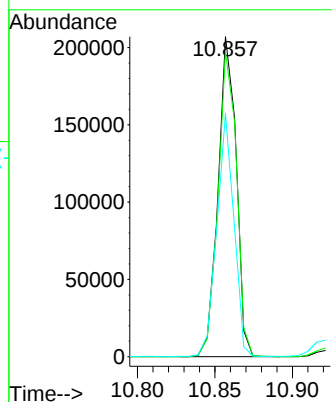
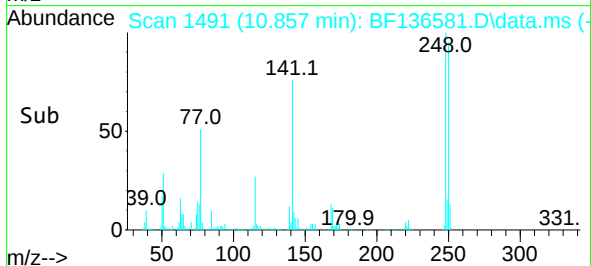
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



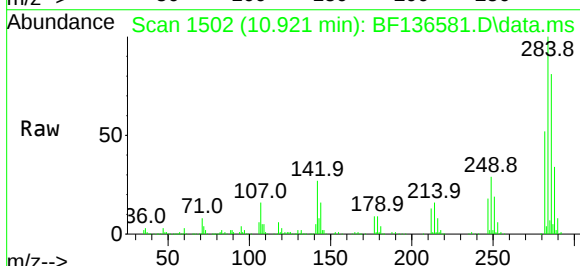
Tgt Ion:248 Resp: 168370
Ion Ratio Lower Upper
248 100
250 95.2 76.2 114.2
141 76.0 51.0 76.4

Manual Integrations
APPROVED

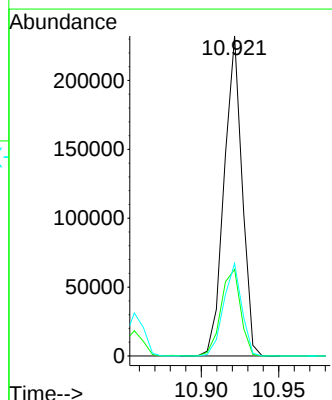
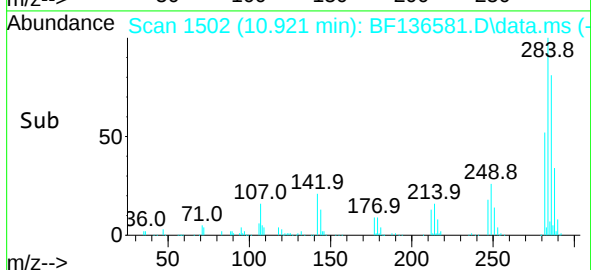
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

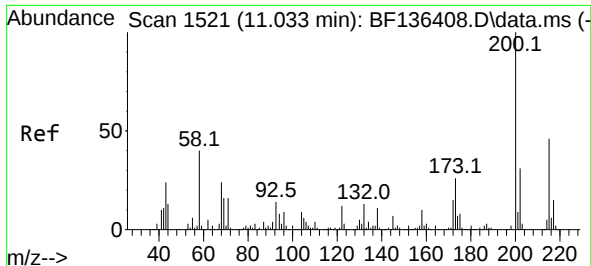


#68
Hexachlorobenzene
Concen: 41.271 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



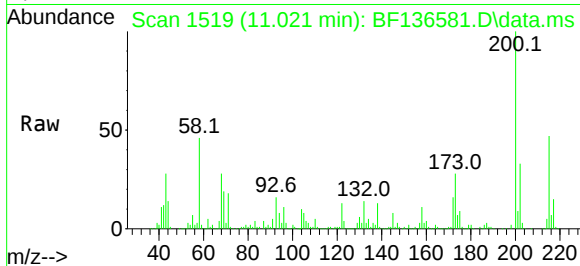
Tgt Ion:284 Resp: 186386
Ion Ratio Lower Upper
284 100
142 27.1 26.5 39.7
249 28.9 23.4 35.0





#69
 Atrazine
 Concen: 50.270 ng
 RT: 11.021 min Scan# 1519
 Delta R.T. -0.000 min
 Lab File: BF136581.D
 Acq: 14 Dec 2023 21:55

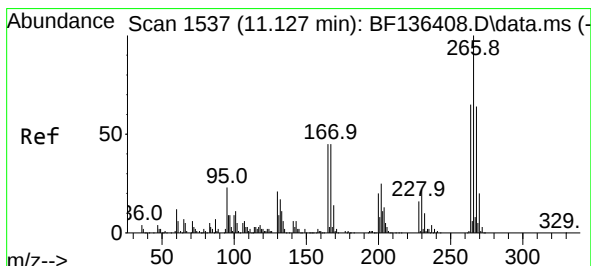
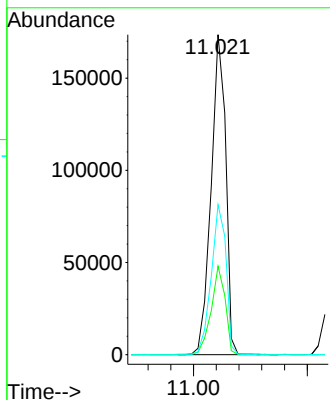
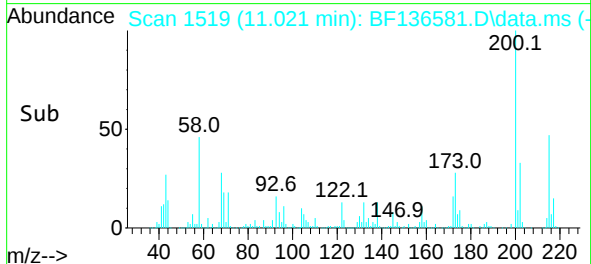
Instrument :
 BNA_F
 ClientSampleId :
 P001-WC04-01MS



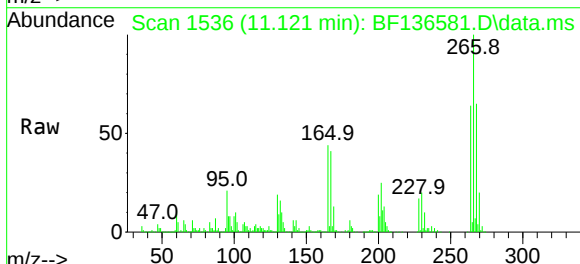
Tgt Ion:200 Resp: 15472
 Ion Ratio Lower Upper
 200 100
 173 27.6 6.0 46.0
 215 46.9 25.5 65.5

Manual Integrations
 APPROVED

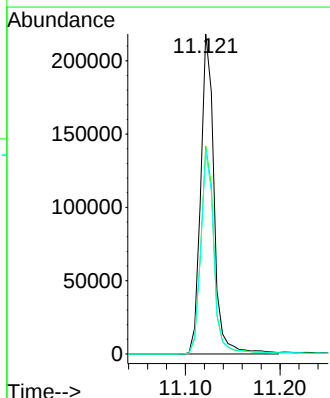
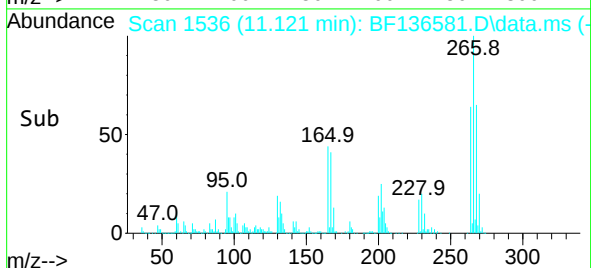
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

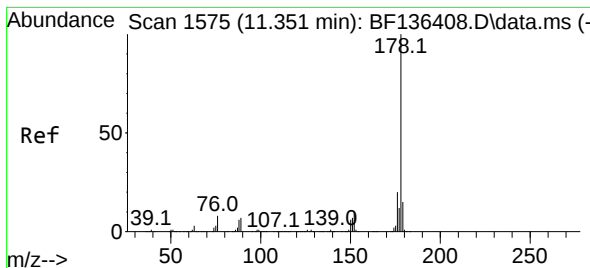


#70
 Pentachlorophenol
 Concen: 83.481 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: BF136581.D
 Acq: 14 Dec 2023 21:55



Tgt Ion:266 Resp: 212779
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.0 76.6
 264 63.7 52.2 78.4





#71

Phenanthrene

Concen: 42.211 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MS

Tgt Ion:178 Resp: 779740

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

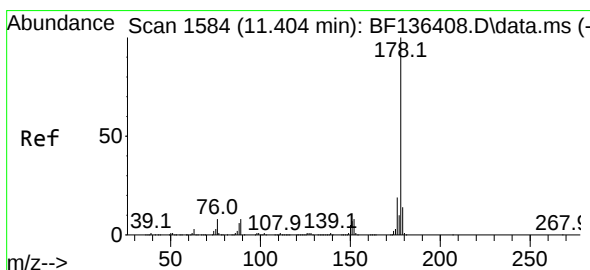
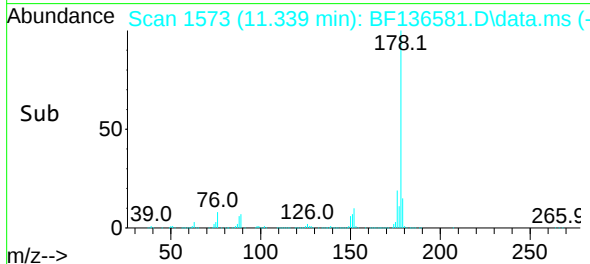
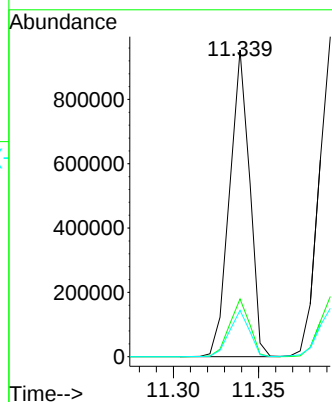
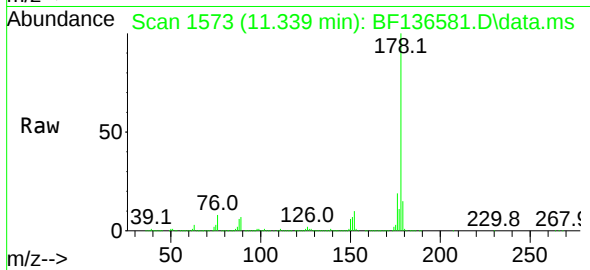
179 15.1 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#72

Anthracene

Concen: 41.191 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF136581.D

Acq: 14 Dec 2023 21:55

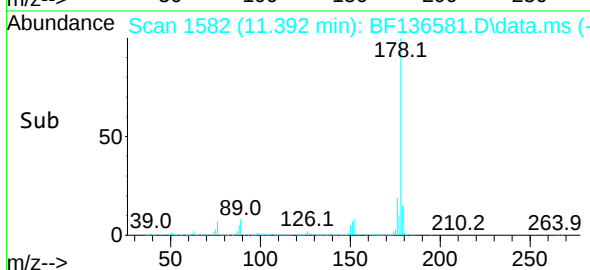
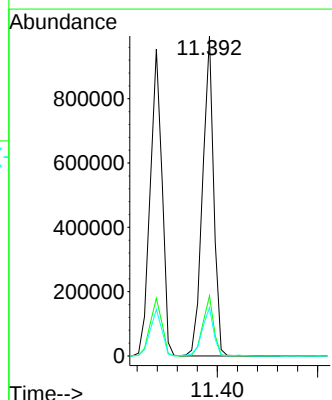
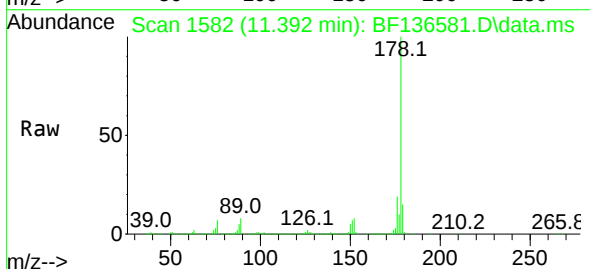
Tgt Ion:178 Resp: 766385

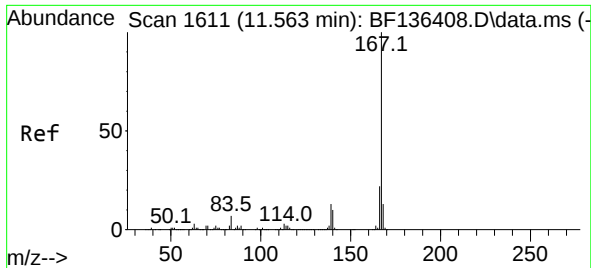
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

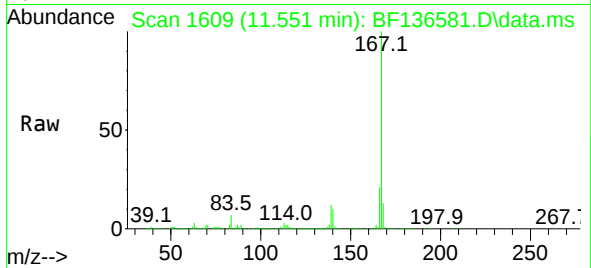
179 15.1 11.4 17.0





#73
Carbazole
Concen: 39.616 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

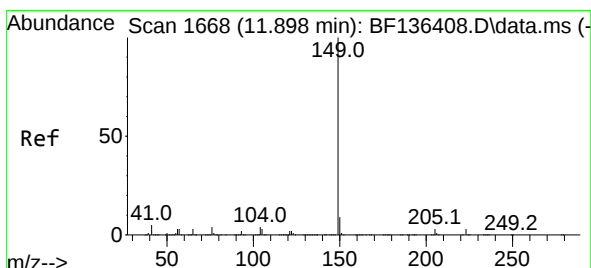
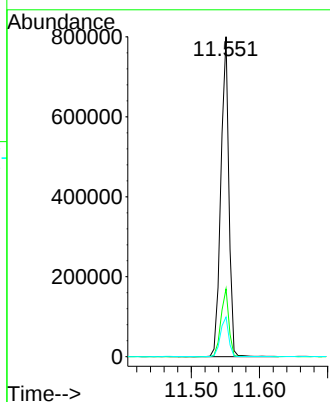
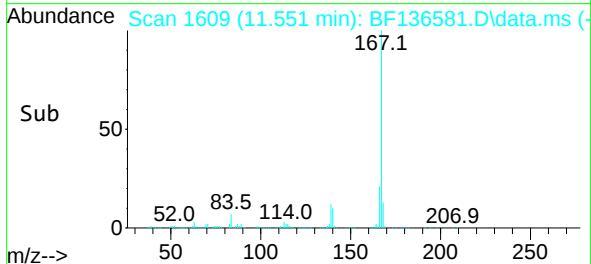
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



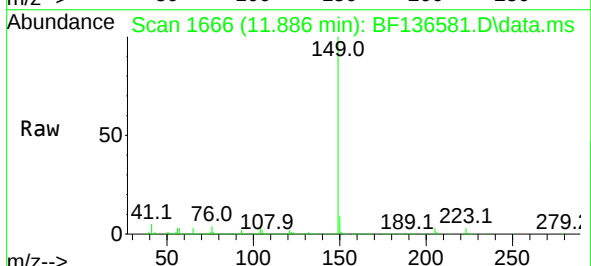
Tgt Ion:167 Resp: 65237
Ion Ratio Lower Upper
167 100
166 21.2 18.0 27.0
139 12.4 10.2 15.4

Manual Integrations
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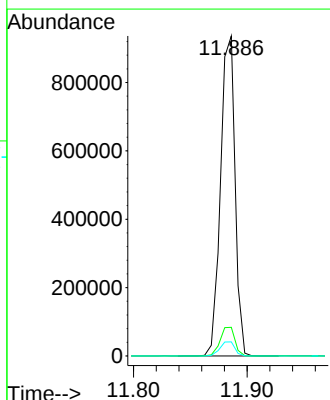
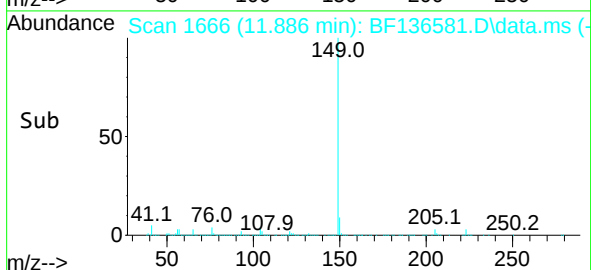
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

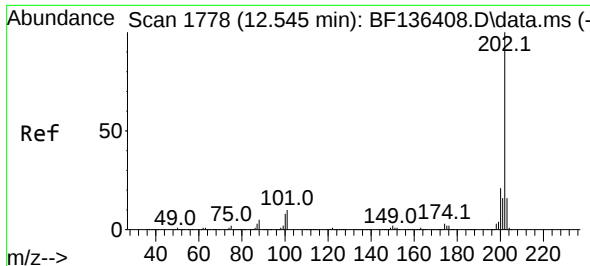


#74
Di-n-butylphthalate
Concen: 41.286 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



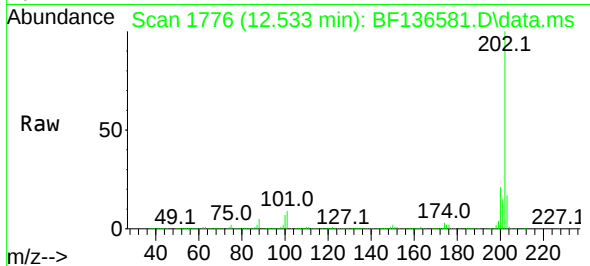
Tgt Ion:149 Resp: 833465
Ion Ratio Lower Upper
149 100
150 9.0 6.9 10.3
104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 38.899 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

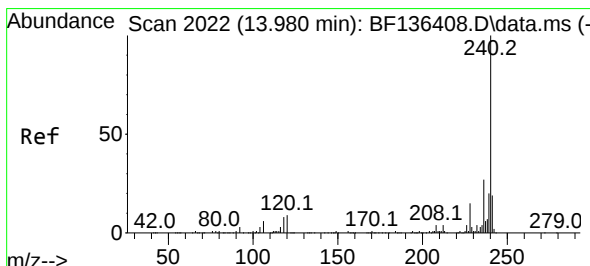
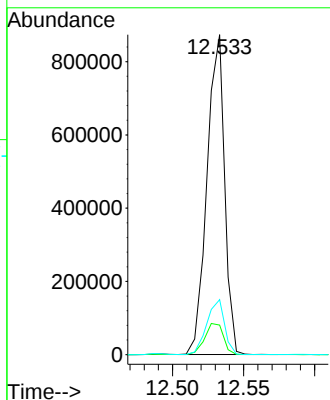
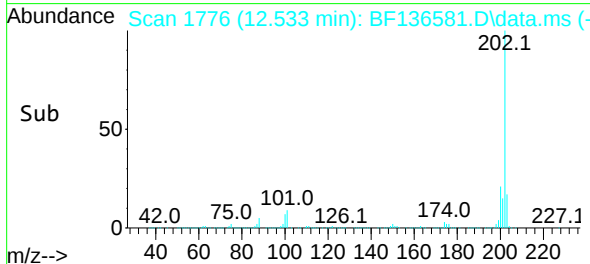
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



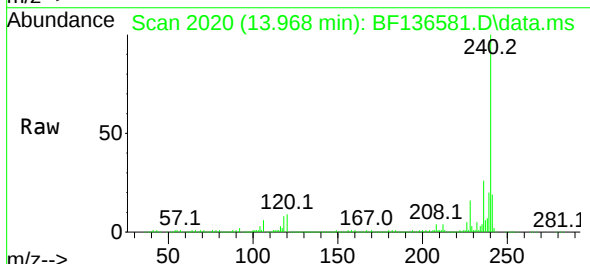
Tgt Ion:202 Resp: 753004
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.9
203 17.2 0.0 36.3

Manual Integrations
APPROVED

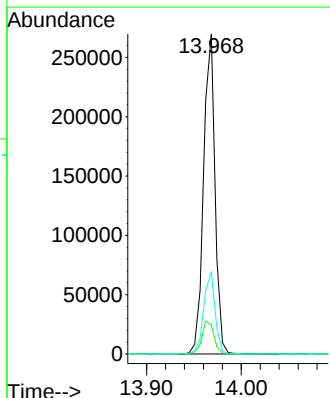
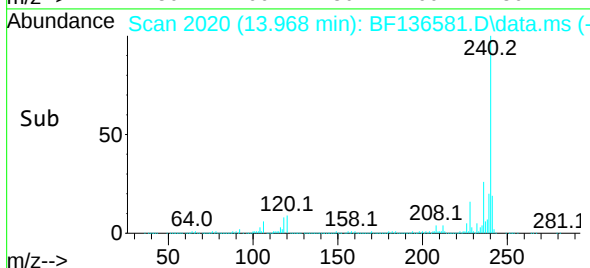
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

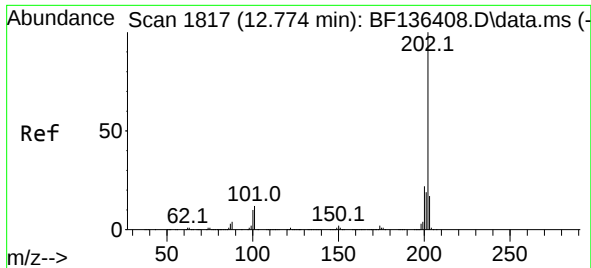


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



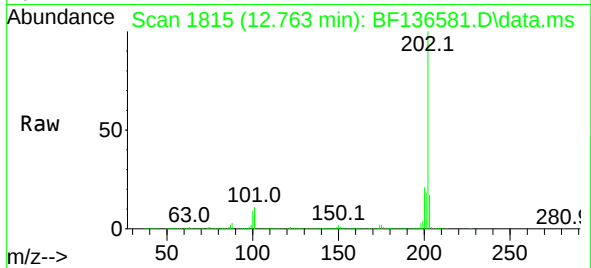
Tgt Ion:240 Resp: 225758
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.6 21.3 31.9





#78
Pyrene
Concen: 34.296 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

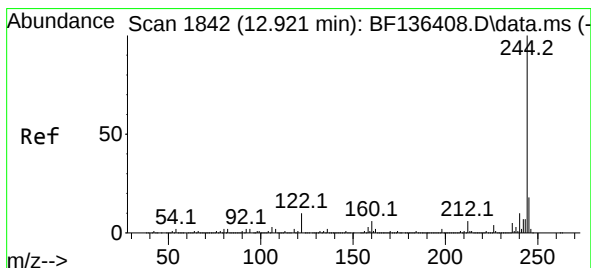
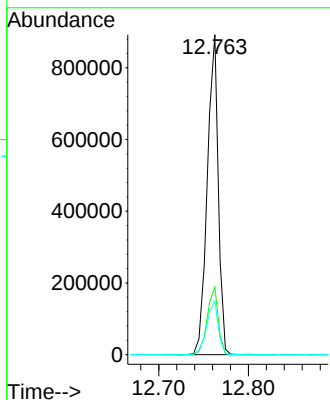
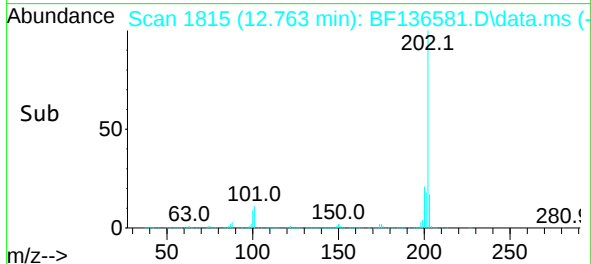
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



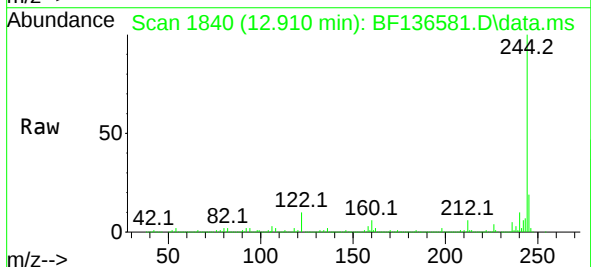
Tgt Ion:202 Resp: 758289
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 16.6 13.5 20.3

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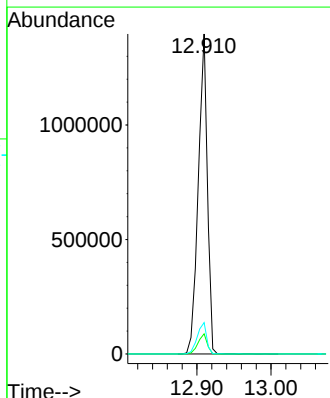
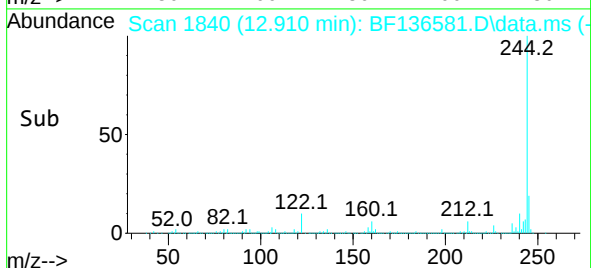
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

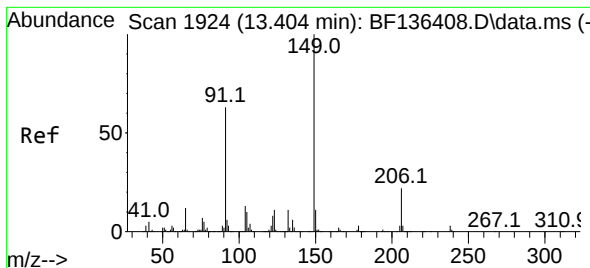


#79
Terphenyl-d14
Concen: 69.673 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55



Tgt Ion:244 Resp: 1193376
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.8 8.3 12.5





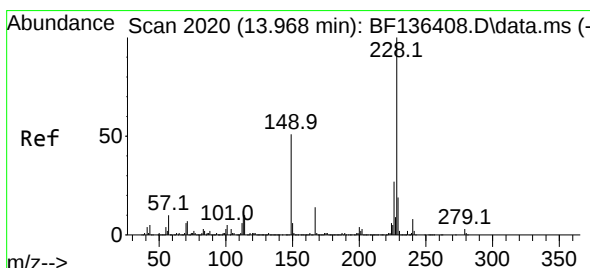
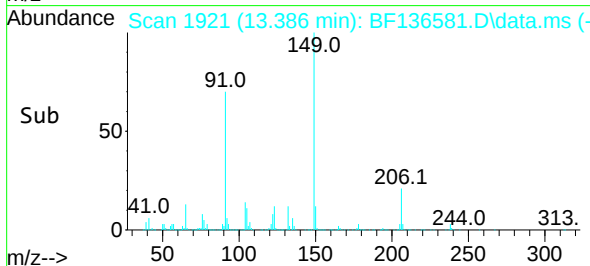
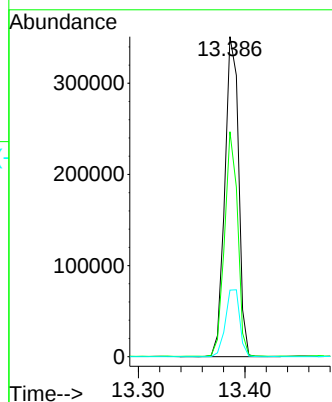
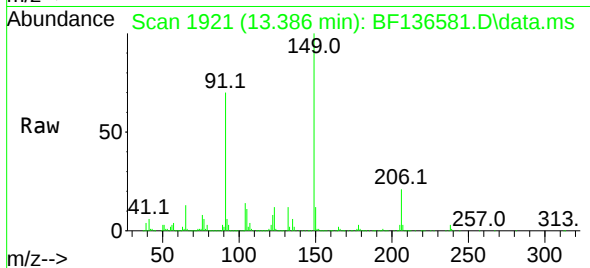
#80
Butylbenzylphthalate
Concen: 40.063 ng
RT: 13.386 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion:149 Resp: 315320
Ion Ratio Lower Upper
149 100
91 70.3 50.5 75.7
206 20.8 17.4 26.2

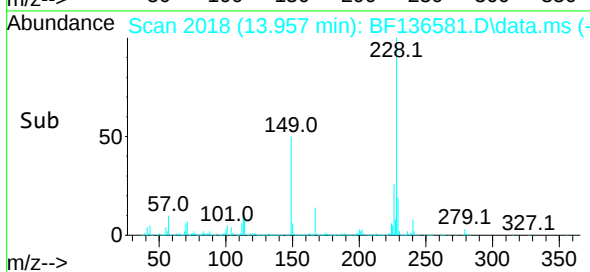
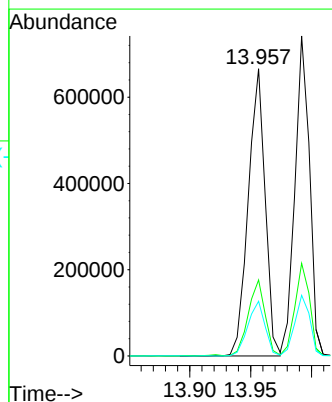
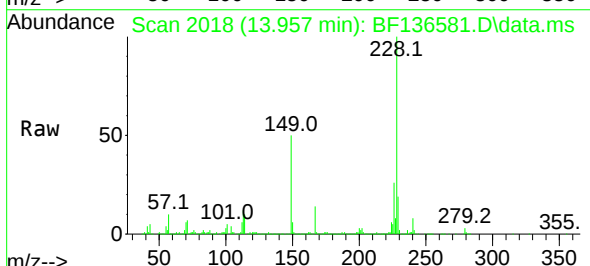
Manual Integrations
APPROVED

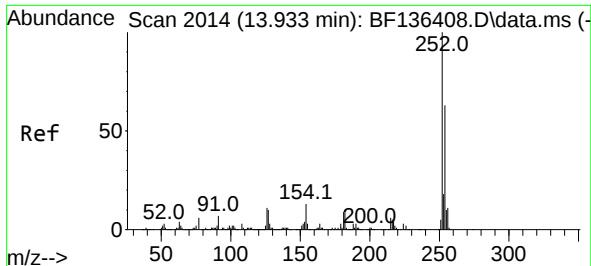
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#81
Benzo(a)anthracene
Concen: 40.892 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

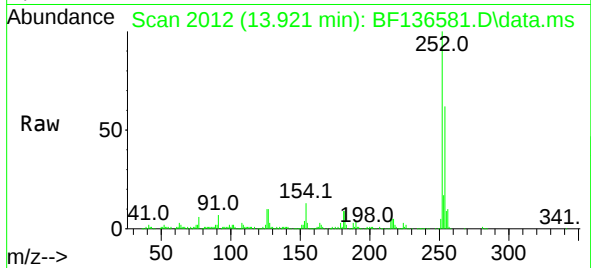
Tgt Ion:228 Resp: 643042
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 19.1 15.0 22.4





#82
3,3'-Dichlorobenzidine
Concen: 24.904 ng
RT: 13.921 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

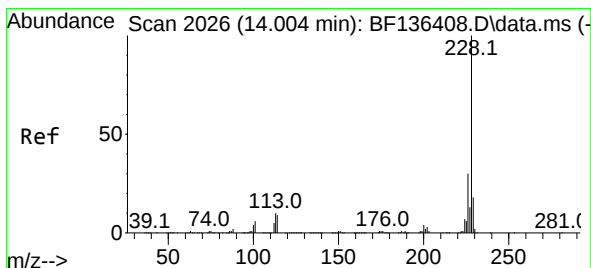
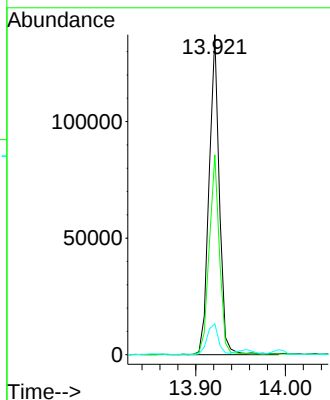
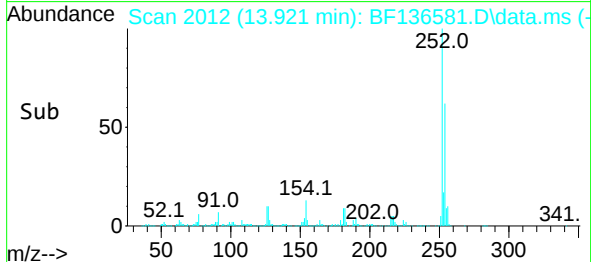
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:252 Resp: 10980
Ion Ratio Lower Upper
252 100
254 62.4 50.8 76.2
126 9.7 8.6 12.8

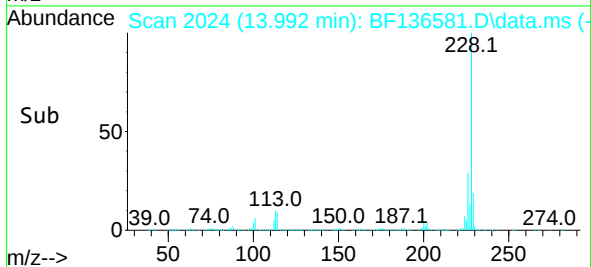
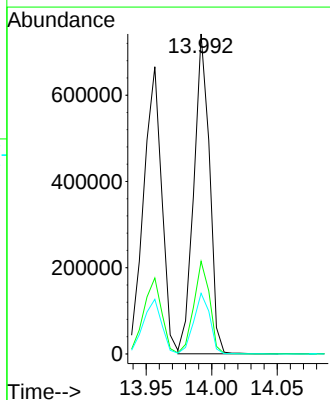
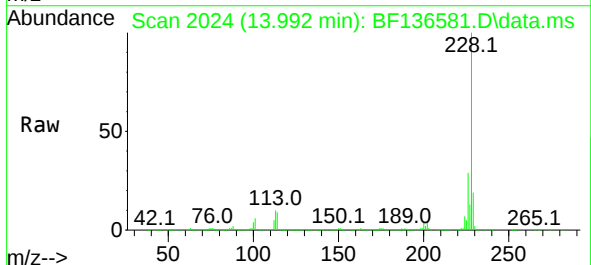
Manual Integrations
APPROVED

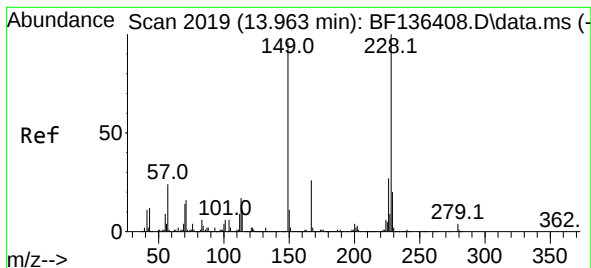
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#83
Chrysene
Concen: 39.857 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

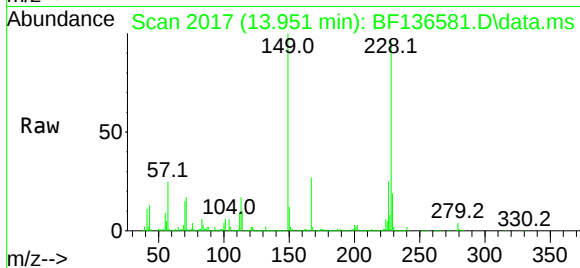
Tgt Ion:228 Resp: 616661
Ion Ratio Lower Upper
228 100
226 28.9 23.8 35.6
229 19.0 14.8 22.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 44.822 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

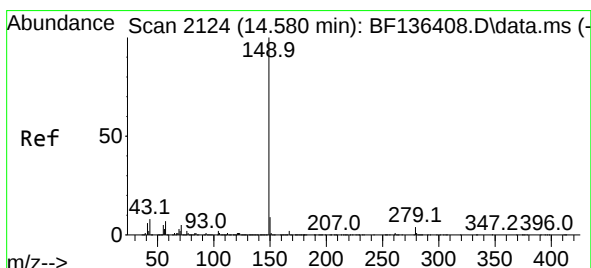
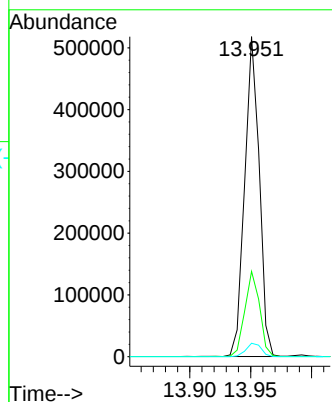
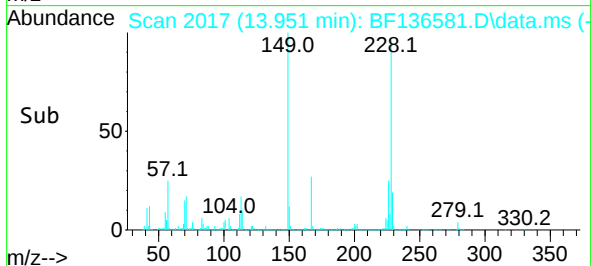
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:149 Resp: 432478
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.2 3.1 4.7

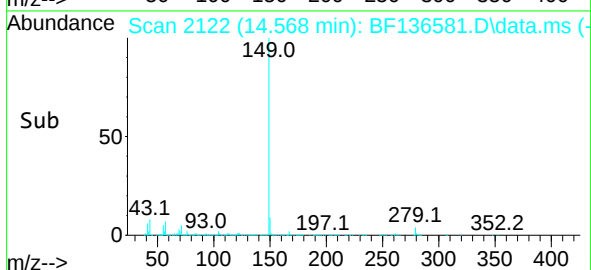
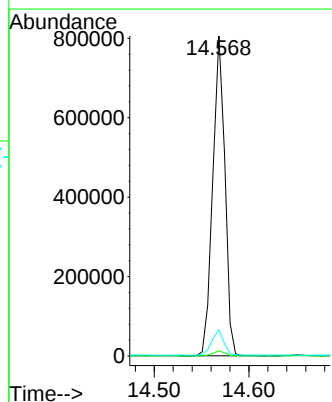
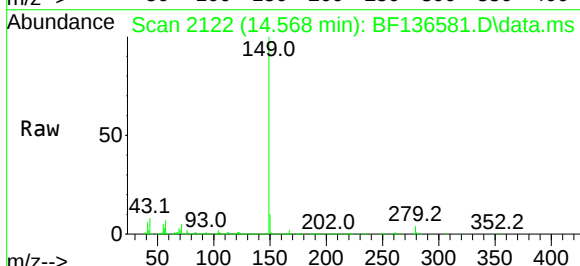
Manual Integrations
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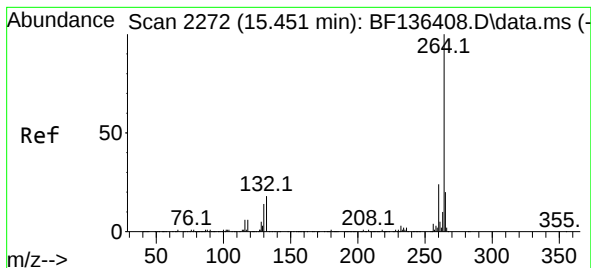
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#85
Di-n-octyl phthalate
Concen: 50.186 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

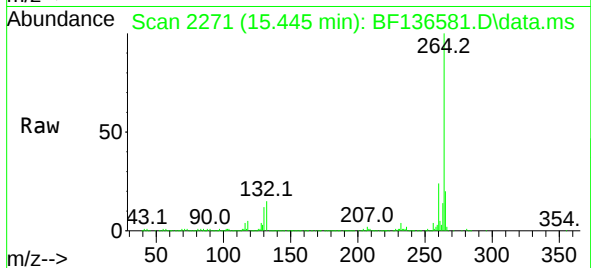
Tgt Ion:149 Resp: 715257
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.7 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

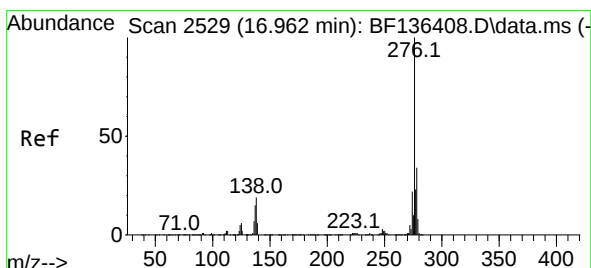
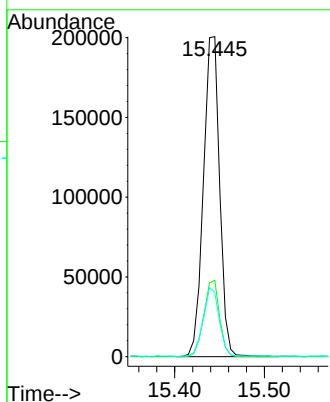
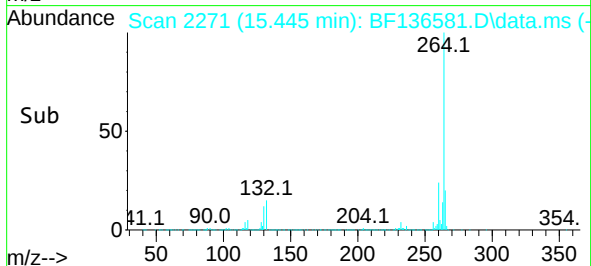
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:264 Resp: 252190
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.0 15.9 23.9

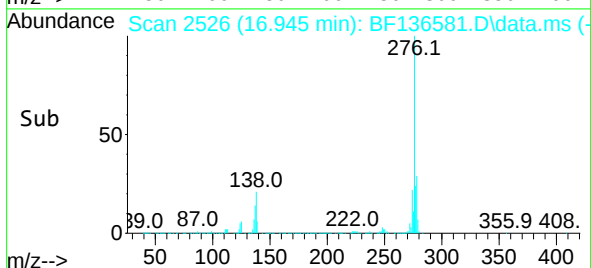
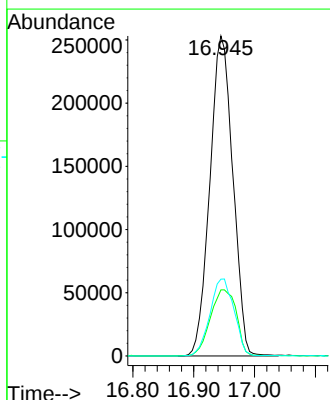
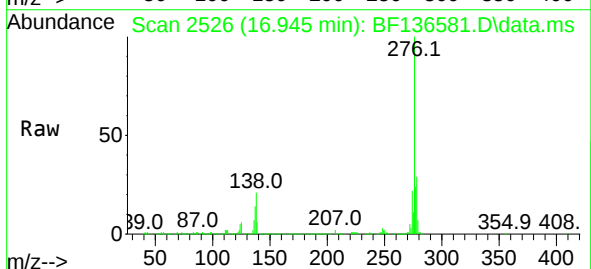
Manual Integrations
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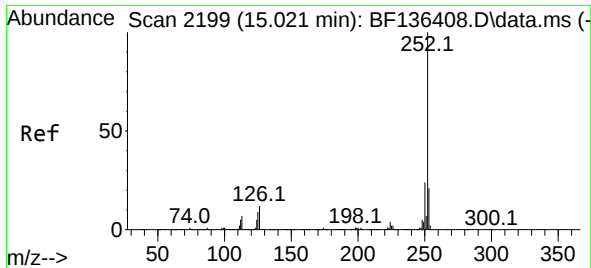
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 37.909 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Tgt Ion:276 Resp: 664182
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 25.2 20.0 30.0





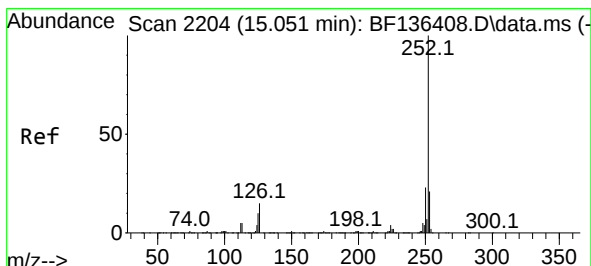
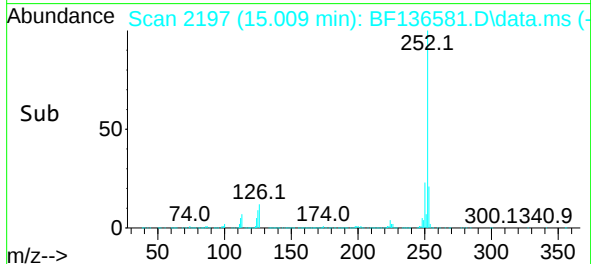
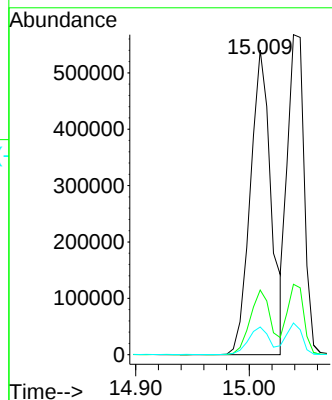
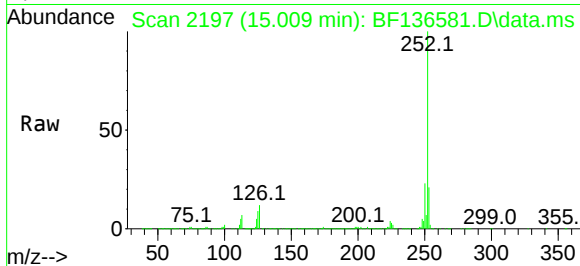
#88
Benzo(b)fluoranthene
Concen: 39.972 ng
RT: 15.009 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Tgt Ion:252 Resp: 68924
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 9.1 7.4 11.2

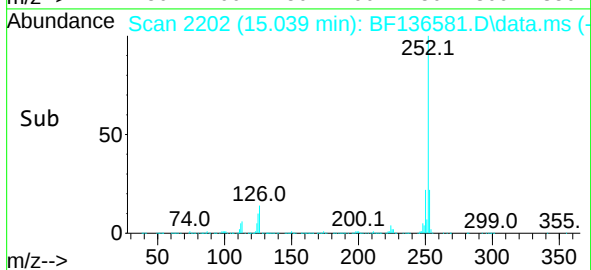
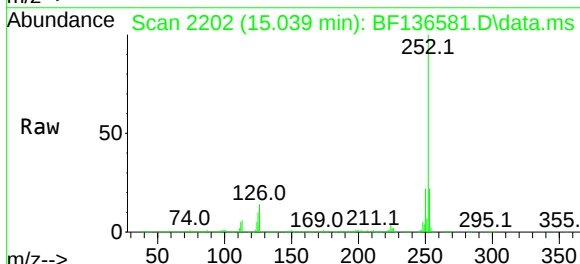
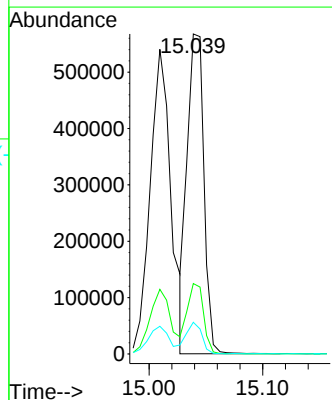
Manual Integrations
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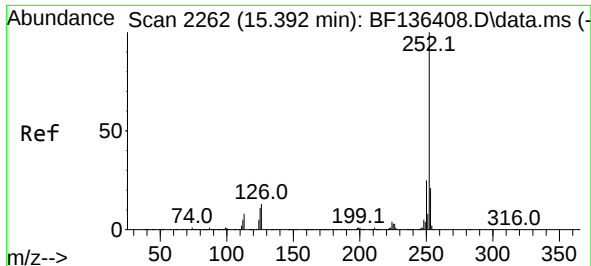
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#89
Benzo(k)fluoranthene
Concen: 35.791 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

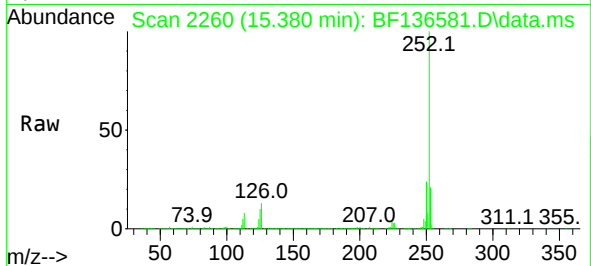
Tgt Ion:252 Resp: 581620
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 9.9 7.5 11.3





#90
Benzo(a)pyrene
Concen: 40.186 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

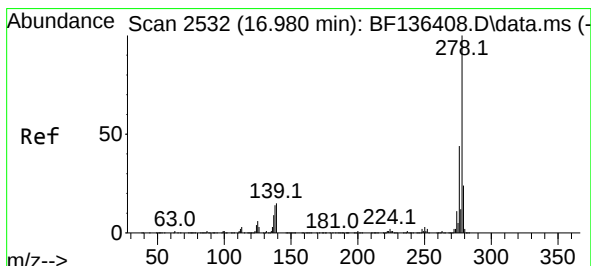
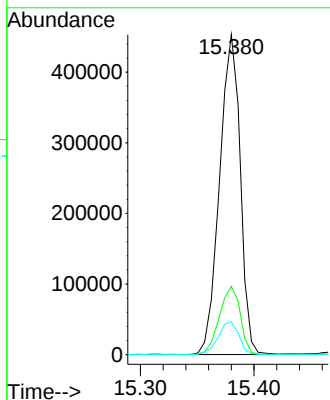
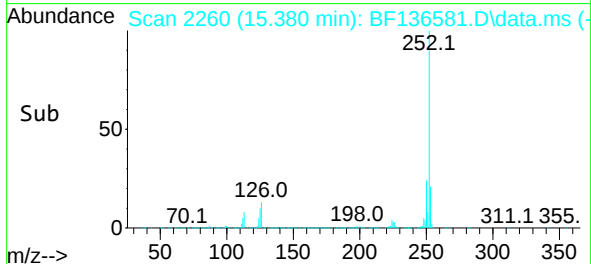
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:252 Resp: 572260
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 10.2 8.6 13.0

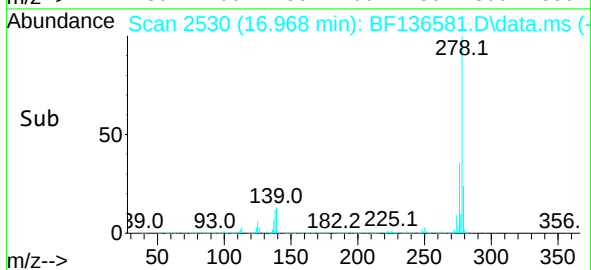
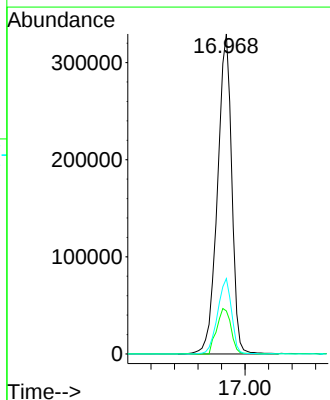
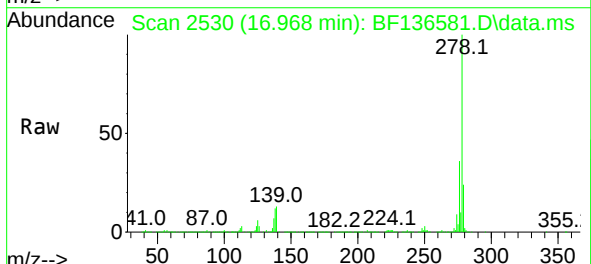
Manual Integrations
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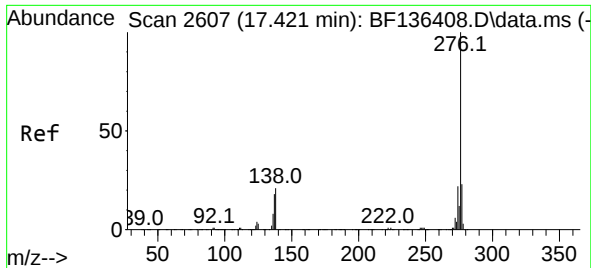
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#91
Dibenzo(a,h)anthracene
Concen: 38.661 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.006 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

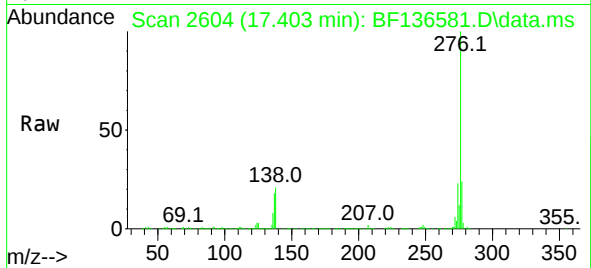
Tgt Ion:278 Resp: 554917
Ion Ratio Lower Upper
278 100
139 13.5 12.2 18.4
279 23.6 19.0 28.4





#92
Benzo(g,h,i)perylene
Concen: 33.343 ng
RT: 17.403 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF136581.D
Acq: 14 Dec 2023 21:55

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS



Tgt Ion:276 Resp: 49123
Ion Ratio Lower Upper
276 100
277 24.3 18.7 28.1
138 20.7 16.6 25.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

