

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136424.D
 Acq On : 06 Dec 2023 12:58
 Operator : CG\JU
 Sample : 05256-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 14:53:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	102299	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	409625	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	198763	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	331633	20.000	ng	0.00
76) Chrysene-d12	13.974	240	166120	20.000	ng	0.00
86) Perylene-d12	15.451	264	190655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	848612	122.509	ng	0.02
7) Phenol-d6	6.445	99	990344	114.591	ng	0.00
23) Nitrobenzene-d5	7.363	82	686458	90.595	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	315618	128.784	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1355632	93.064	ng	0.00
79) Terphenyl-d14	12.915	244	1207890	95.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	111522	40.704	ng	# 86
3) Pyridine	3.475	79	244652	36.873	ng	99
4) n-Nitrosodimethylamine	3.416	42	134140	46.534	ng	98
6) Aniline	6.463	93	244367	27.978	ng	# 89
8) 2-Chlorophenol	6.586	128	358657	47.428	ng	99
9) Benzaldehyde	6.351	77	28270	4.337	ng	97
10) Phenol	6.457	94	383639	41.716	ng	96
11) bis(2-Chloroethyl)ether	6.539	93	320481	46.753	ng	98
12) 1,3-Dichlorobenzene	6.739	146	362352	42.608	ng	99
13) 1,4-Dichlorobenzene	6.816	146	376351	43.625	ng	99
14) 1,2-Dichlorobenzene	6.969	146	354776	43.732	ng	99
15) Benzyl Alcohol	6.945	79	247044	42.688	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	404822	45.917	ng	94
17) 2-Methylphenol	7.057	107	285384	46.712	ng	96
18) Hexachloroethane	7.304	117	130823	43.434	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	226214	45.375	ng	98
20) 3+4-Methylphenols	7.210	107	329501	43.451	ng	91
22) Acetophenone	7.210	105	483339	47.783	ng	99
24) Nitrobenzene	7.381	77	345546	45.333	ng	99
25) Isophorone	7.616	82	629153	46.217	ng	100
26) 2-Nitrophenol	7.692	139	182484	48.697	ng	99
27) 2,4-Dimethylphenol	7.733	122	245488	53.128	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	396806	47.436	ng	99
29) 2,4-Dichlorophenol	7.933	162	290607	47.648	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	321752	45.242	ng	98
31) Naphthalene	8.098	128	1029225	45.563	ng	100
32) Benzoic acid	7.863	122	206271	45.000	ng	99
33) 4-Chloroaniline	8.145	127	162328	20.157	ng	99
34) Hexachlorobutadiene	8.210	225	182395	43.275	ng	99
35) Caprolactam	8.516	113	78987m	42.054	ng	
36) 4-Chloro-3-methylphenol	8.633	107	297627	45.959	ng	100
37) 2-Methylnaphthalene	8.786	142	650866	45.290	ng	95
38) 1-Methylnaphthalene	8.886	142	630014	44.676	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	316918	51.250	ng	99
41) Hexachlorocyclopentadiene	8.939	237	276052	120.497	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	203837	50.625	ng	98

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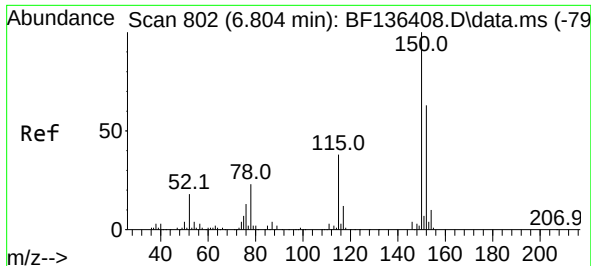
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	218715	48.669	ng	96
46) 1,1'-Biphenyl	9.257	154	841022	49.727	ng	99
47) 2-Chloronaphthalene	9.280	162	629346	47.810	ng	98
48) 2-Nitroaniline	9.380	65	174902	49.540	ng	90
49) Acenaphthylene	9.698	152	982088	52.373	ng	100
50) Dimethylphthalate	9.563	163	705369	48.202	ng	99
51) 2,6-Dinitrotoluene	9.622	165	154975	47.074	ng	97
52) Acenaphthene	9.869	154	583784	48.583	ng	98
53) 3-Nitroaniline	9.792	138	112959	33.600	ng	96
54) 2,4-Dinitrophenol	9.898	184	161811	97.212	ng	# 86
55) Dibenzofuran	10.039	168	861884	49.098	ng	99
56) 4-Nitrophenol	9.957	139	216225	85.797	ng	99
57) 2,4-Dinitrotoluene	10.027	165	198693	45.623	ng	99
58) Fluorene	10.386	166	662891	47.042	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	176745	49.100	ng	100
60) Diethylphthalate	10.263	149	657147	45.668	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	318784	46.406	ng	99
62) 4-Nitroaniline	10.410	138	141506	42.391	ng	99
63) Azobenzene	10.539	77	599818	45.796	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	101779	49.555	ng	97
66) n-Nitrosodiphenylamine	10.498	169	566277	53.214	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	199223	51.669	ng	96
68) Hexachlorobenzene	10.933	284	223554	50.165	ng	# 92
69) Atrazine	11.027	200	172697	56.860	ng	99
70) Pentachlorophenol	11.127	266	236530	94.044	ng	98
71) Phenanthrene	11.351	178	939835	51.560	ng	99
72) Anthracene	11.398	178	933857	50.865	ng	99
73) Carbazole	11.557	167	753690	46.382	ng	99
74) Di-n-butylphthalate	11.892	149	926462	46.508	ng	100
75) Fluoranthene	12.539	202	825161	43.198	ng	99
77) Benzidine	12.663	184	26325	11.470	ng	99
78) Pyrene	12.768	202	812610	49.948	ng	99
80) Butylbenzylphthalate	13.398	149	273762	47.269	ng	98
81) Benzo(a)anthracene	13.962	228	589782	50.969	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	176549	54.417	ng	98
83) Chrysene	13.998	228	566688	49.777	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	344751	48.557	ng	98
85) Di-n-octyl phthalate	14.574	149	543212	51.798	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	779246	58.832	ng	100
88) Benzo(b)fluoranthene	15.015	252	653747	50.151	ng	99
89) Benzo(k)fluoranthene	15.051	252	568589	46.284	ng	99
90) Benzo(a)pyrene	15.386	252	574410	53.357	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	647063	59.632	ng	98
92) Benzo(g,h,i)perylene	17.415	276	625948	56.202	ng	98

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

Manual Integrations

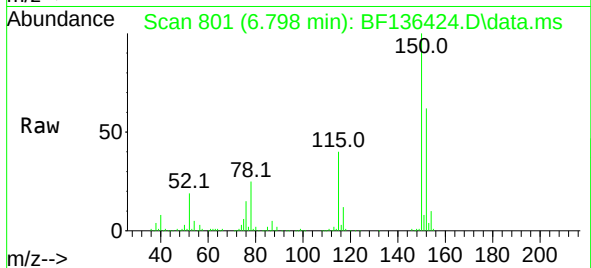
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

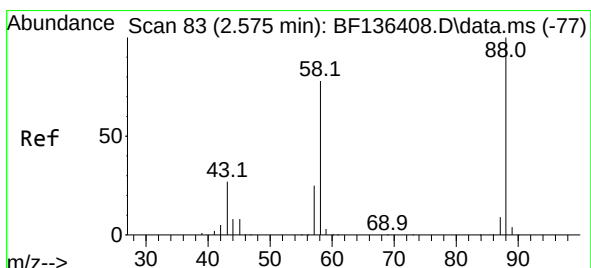
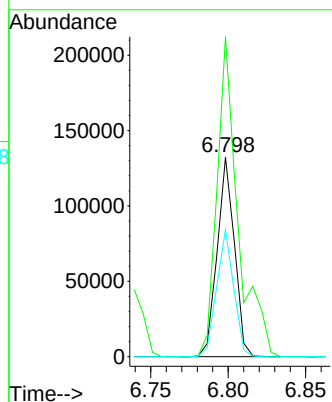
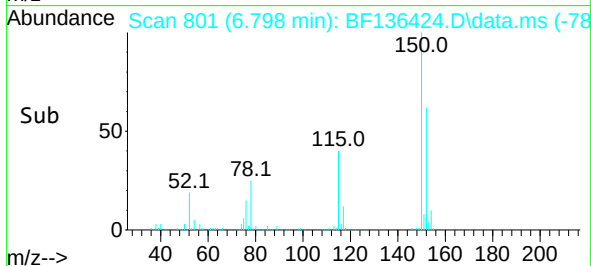
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



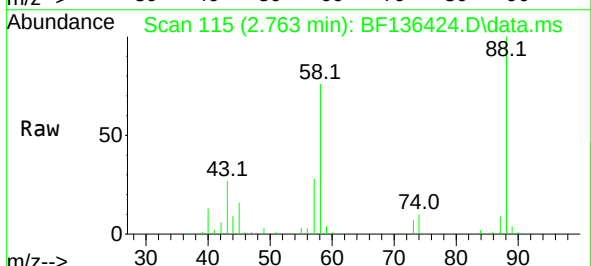
Tgt Ion:152 Resp: 102295
Ion Ratio Lower Upper
152 100
150 160.3 126.4 189.6
115 63.6 48.2 72.4

Manual Integrations
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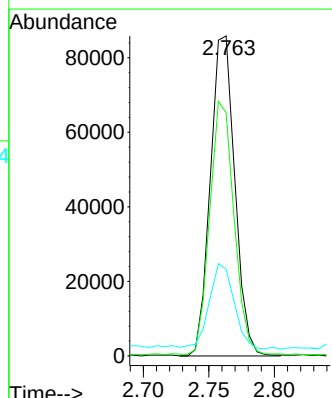
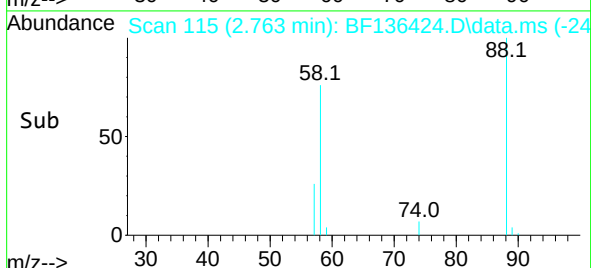
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

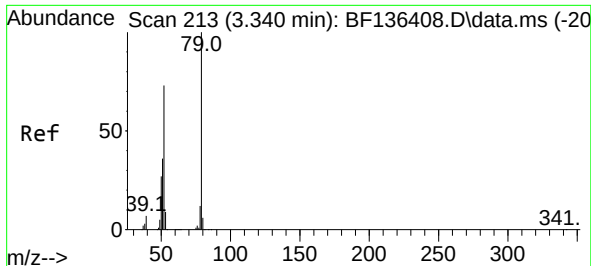


#2
1,4-Dioxane
Concen: 40.704 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.188 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



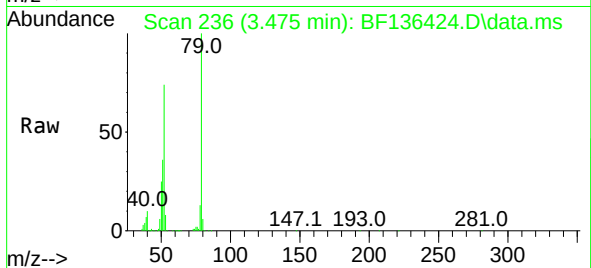
Tgt Ion: 88 Resp: 111522
Ion Ratio Lower Upper
88 100
58 78.4 62.2 93.2
43 0.0 21.5 32.3#





#3
Pyridine
Concen: 36.873 ng
RT: 3.475 min Scan# 213
Delta R.T. 0.135 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

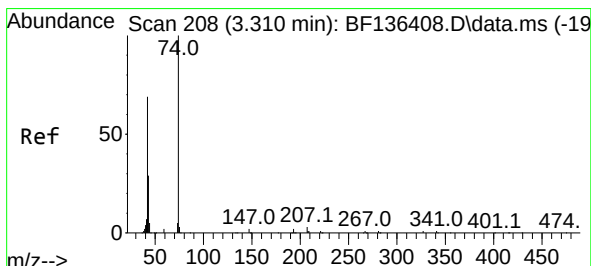
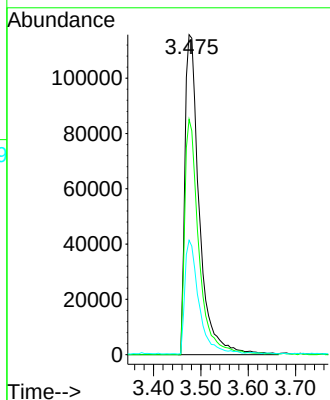
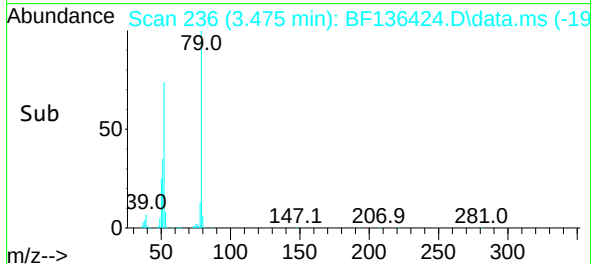
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



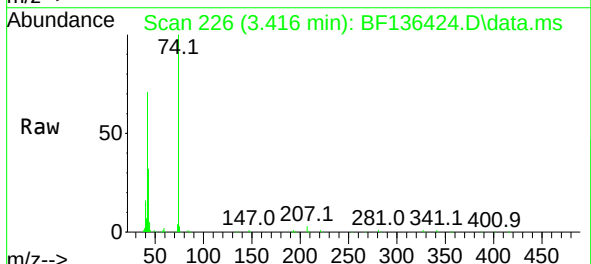
Tgt Ion: 79 Resp: 244652
Ion Ratio Lower Upper
79 100
52 73.6 58.2 87.2
51 35.8 29.1 43.7

Manual Integrations
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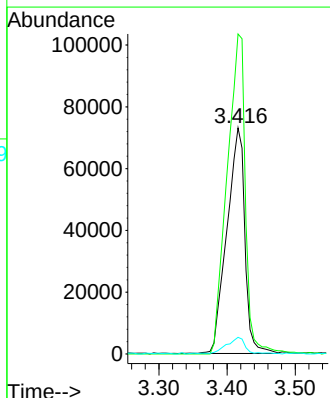
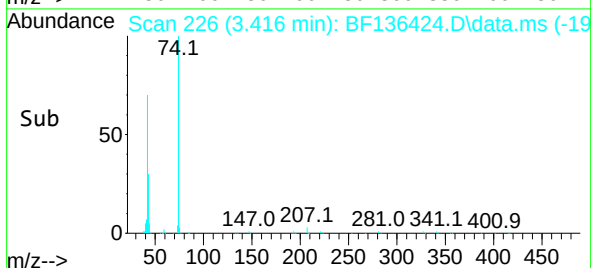
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

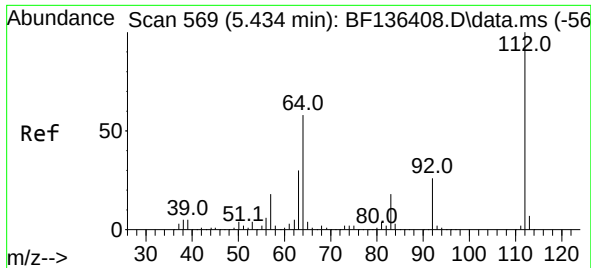


#4
n-Nitrosodimethylamine
Concen: 46.534 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.106 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion: 42 Resp: 134140
Ion Ratio Lower Upper
42 100
74 141.5 115.4 173.0
44 7.4 6.2 9.2





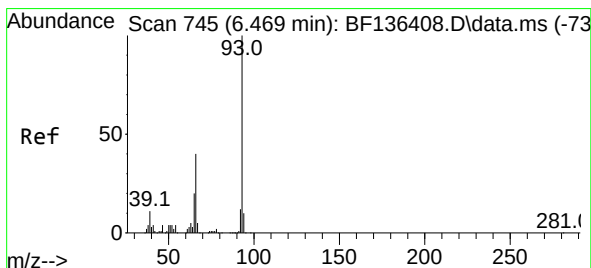
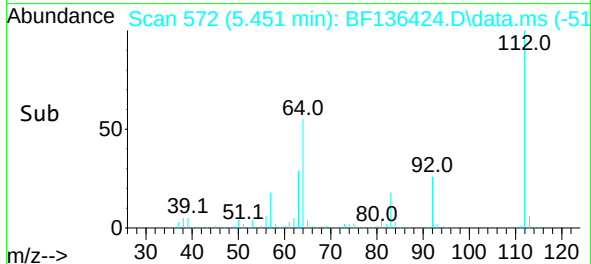
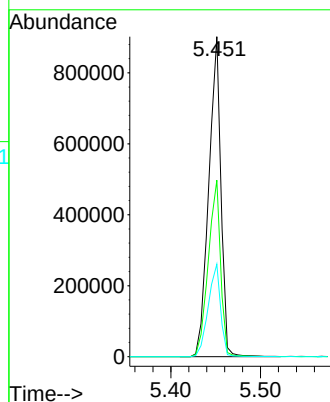
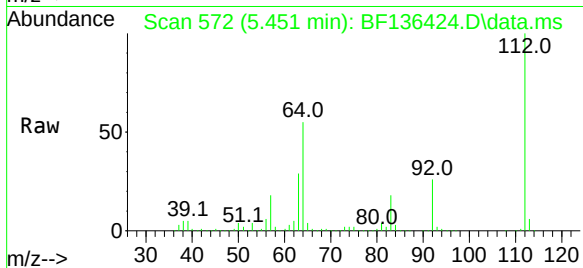
#5
2-Fluorophenol
Concen: 122.509 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

Instrument :
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ClientSampleId :
WC-1MSD

Tgt Ion:112 Resp: 848612
Ion Ratio Lower Upper
112 100
64 55.2 46.5 69.7
63 28.9 23.9 35.9

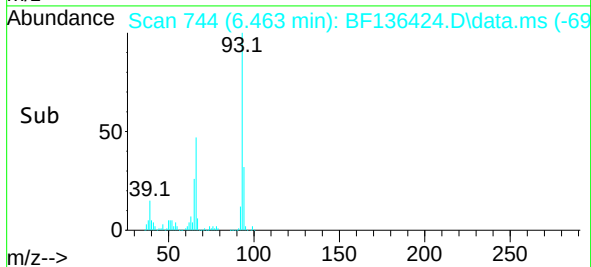
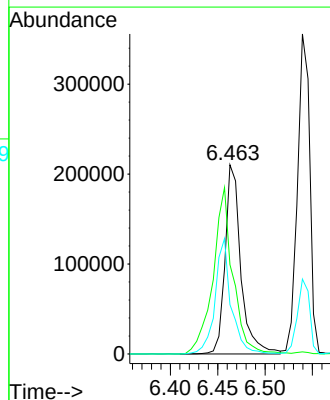
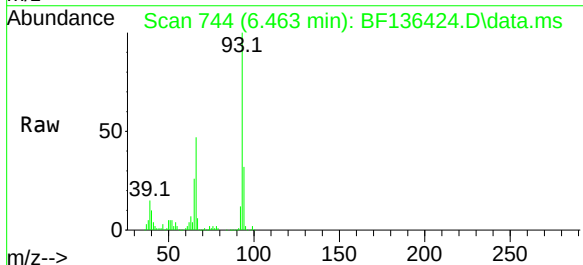
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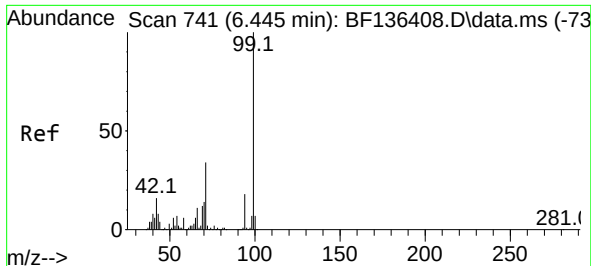
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#6
Aniline
Concen: 27.978 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

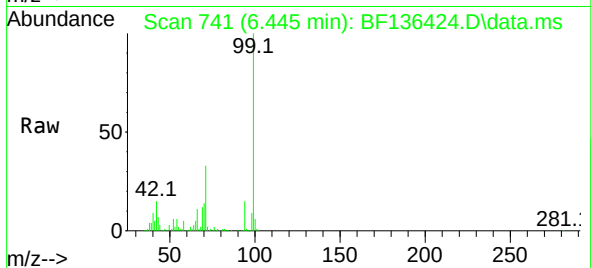
Tgt Ion: 93 Resp: 244367
Ion Ratio Lower Upper
93 100
66 47.2 32.5 48.7
65 26.1 16.4 24.6#





#7
Phenol-d6
Concen: 114.591 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136424.D
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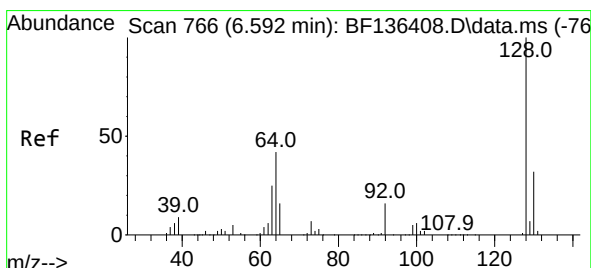
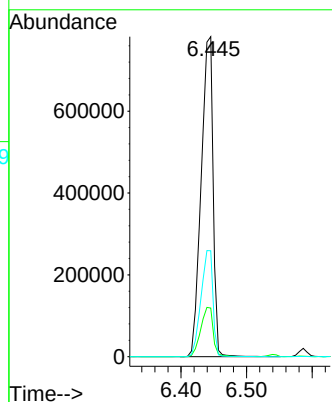
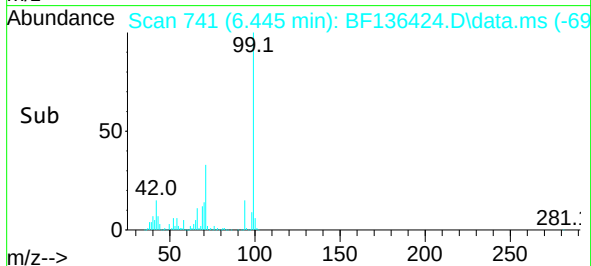
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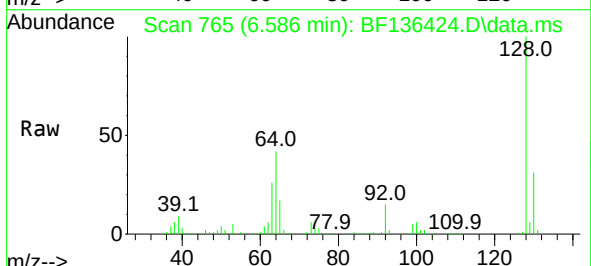
Tgt Ion: 99 Resp: 990344
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.1 27.0 40.4

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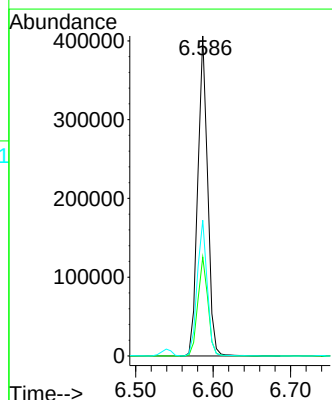
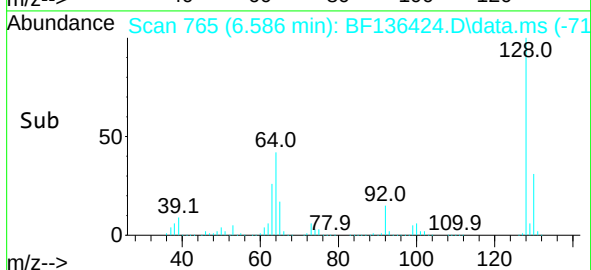
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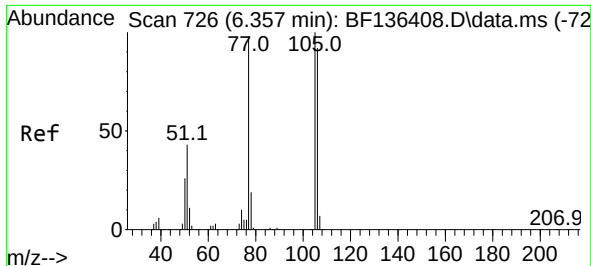


#8
2-Chlorophenol
Concen: 47.428 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion:128 Resp: 358657
Ion Ratio Lower Upper
128 100
130 30.9 11.7 51.7
64 42.4 22.5 62.5





#9

Benzaldehyde

Concen: 4.337 ng

RT: 6.351 min Scan# 725

Delta R.T. -0.006 min

Lab File: BF136424.D

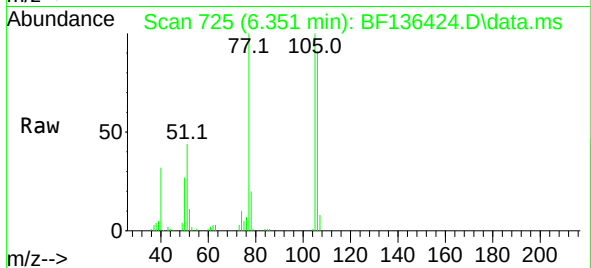
Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

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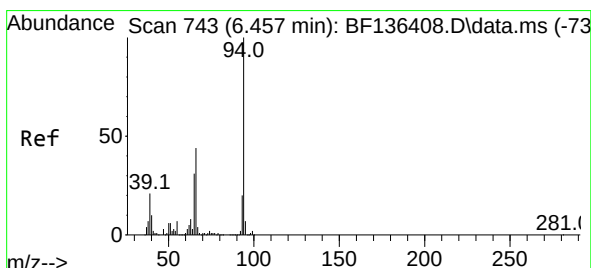
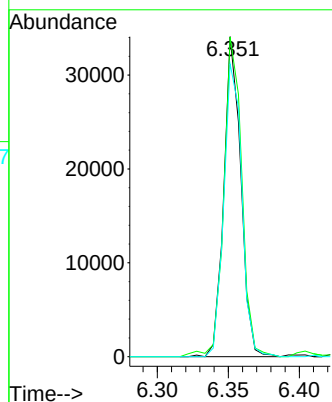
Tgt Ion: 77	Resp: 28270
Ion Ratio	Lower Upper
77	100
105	99.9 82.5 122.5
106	91.5 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 41.716 ng

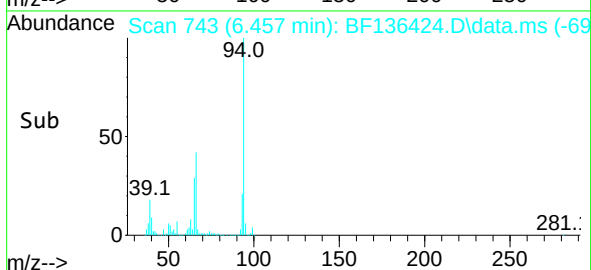
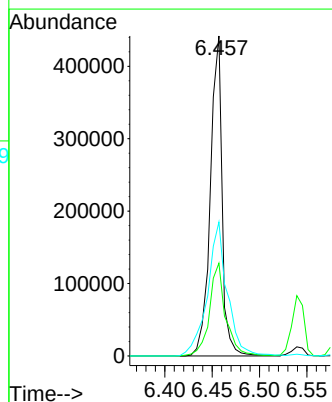
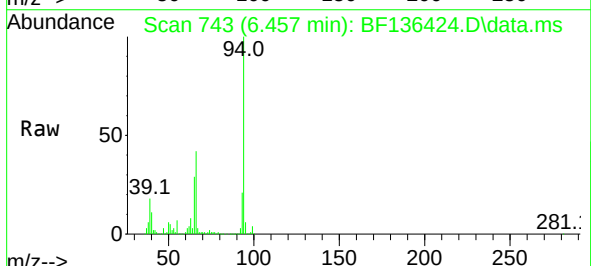
RT: 6.457 min Scan# 743

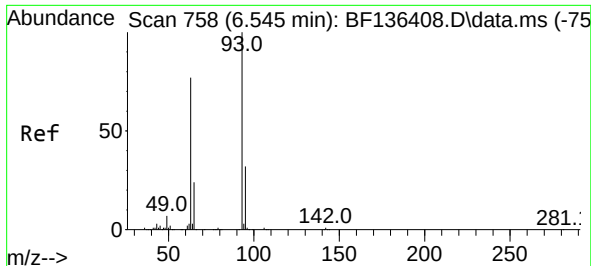
Delta R.T. -0.000 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

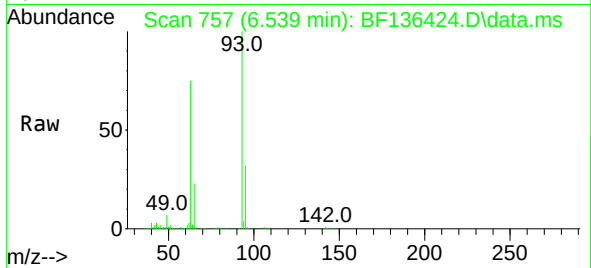
Tgt Ion: 94	Resp: 383639
Ion Ratio	Lower Upper
94	100
65	29.0 11.2 51.2
66	41.9 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 46.753 ng
RT: 6.539 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

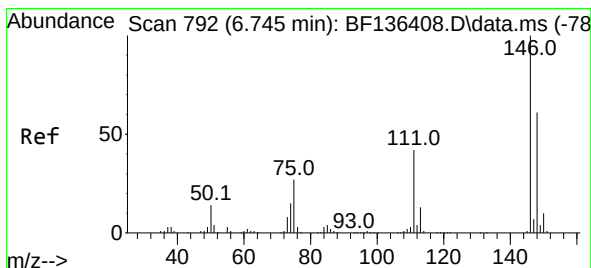
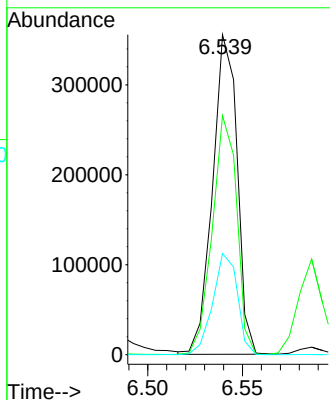
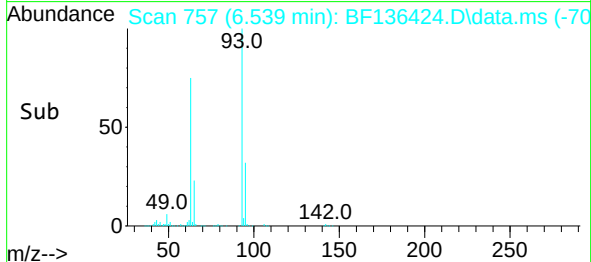
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



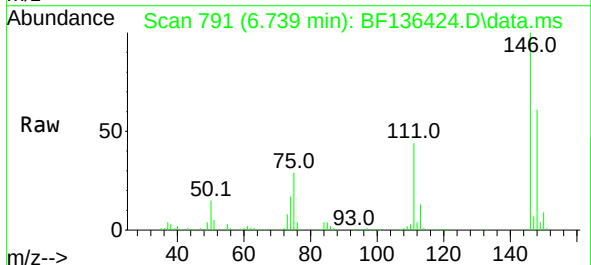
Tgt Ion: 93 Resp: 32048
Ion Ratio Lower Upper
93 100
63 74.7 56.8 96.8
95 31.6 11.8 51.8

Manual Integrations
APPROVED

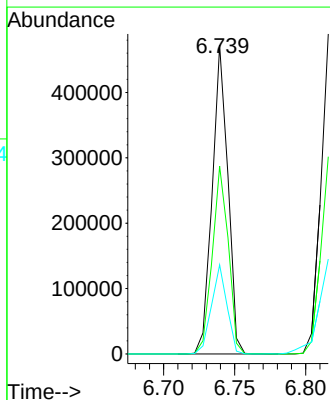
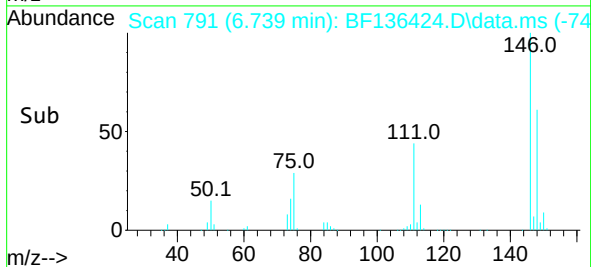
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

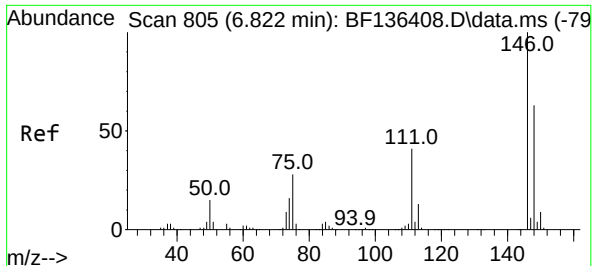


#12
1,3-Dichlorobenzene
Concen: 42.608 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion:146 Resp: 362352
Ion Ratio Lower Upper
146 100
148 60.8 49.0 73.6
75 28.9 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 43.625 ng

RT: 6.816 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:146 Resp: 37635

Ion Ratio Lower Upper

146 100

148 61.6 50.3 75.5

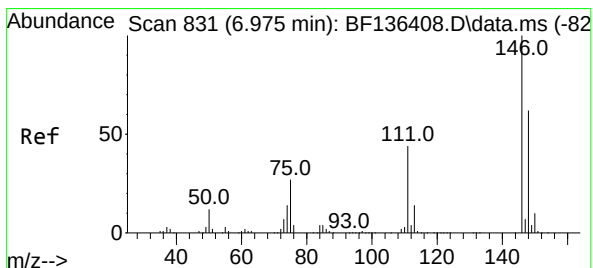
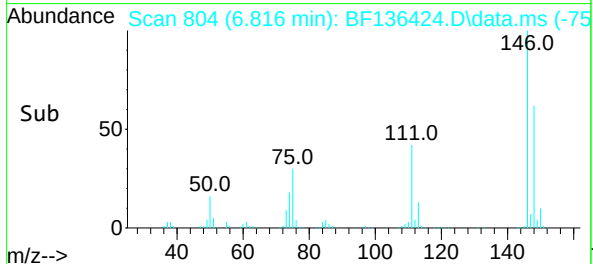
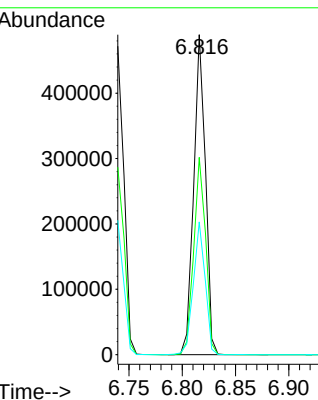
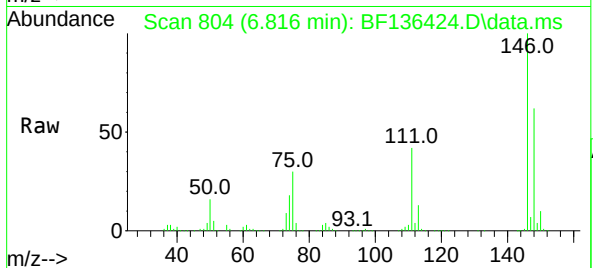
111 41.5 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#14

1,2-Dichlorobenzene

Concen: 43.732 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

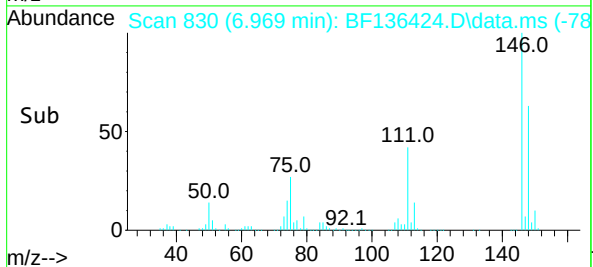
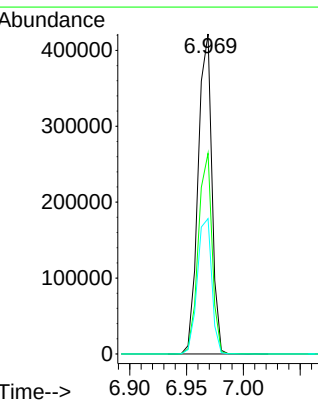
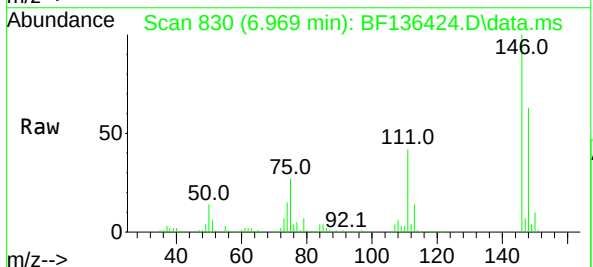
Tgt Ion:146 Resp: 354776

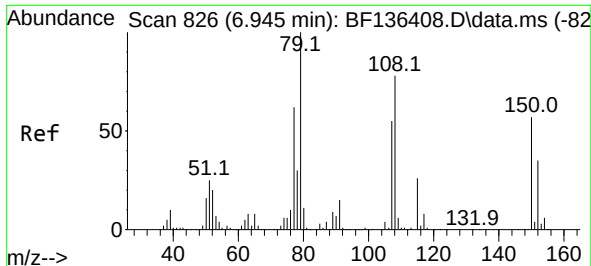
Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

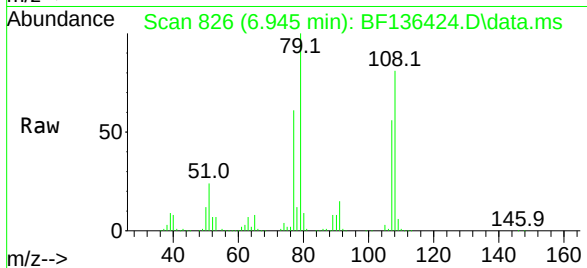
111 42.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.688 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

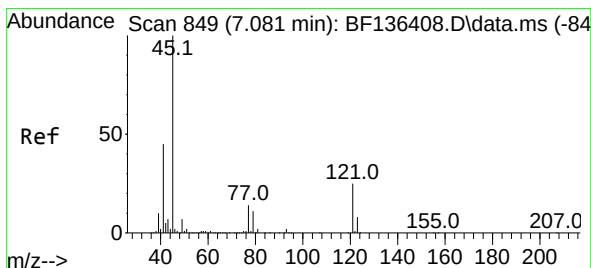
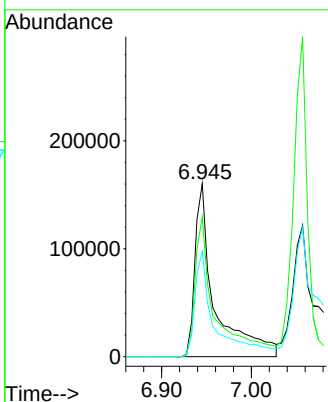
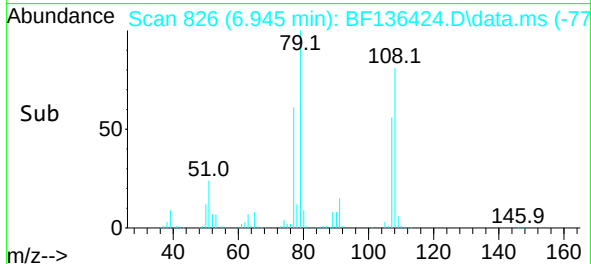
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



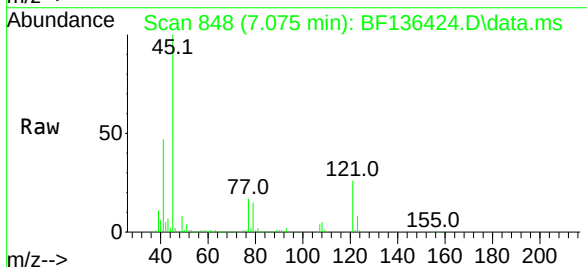
Tgt Ion: 79 Resp: 247044
Ion Ratio Lower Upper
79 100
108 80.7 62.3 93.5
77 60.9 49.8 74.8

Manual Integrations
APPROVED

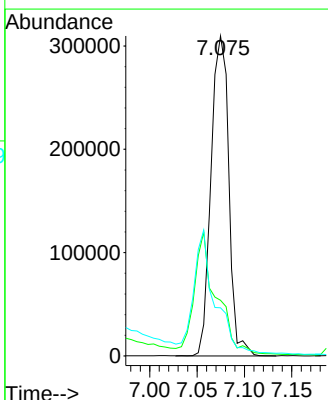
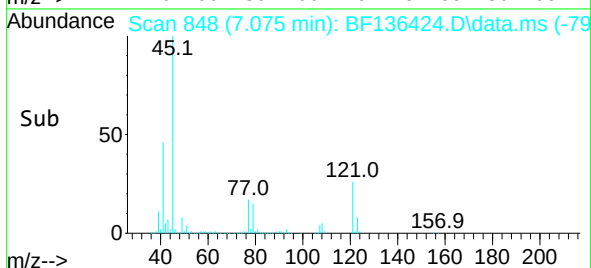
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

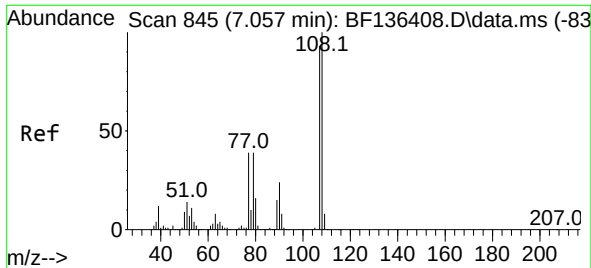


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.917 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



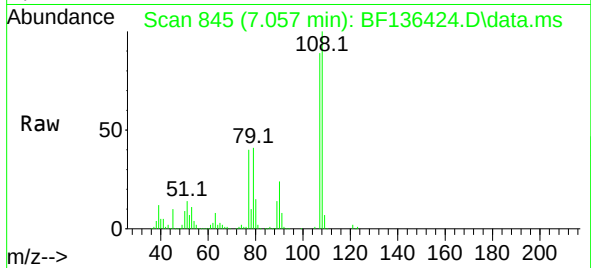
Tgt Ion: 45 Resp: 404822
Ion Ratio Lower Upper
45 100
77 17.4 0.0 35.3
79 15.1 0.0 32.5





#17
2-Methylphenol
Concen: 46.712 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

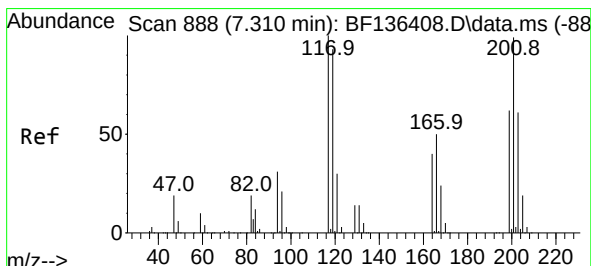
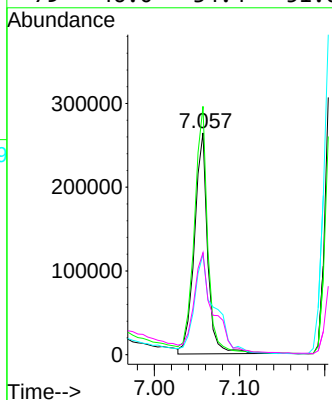
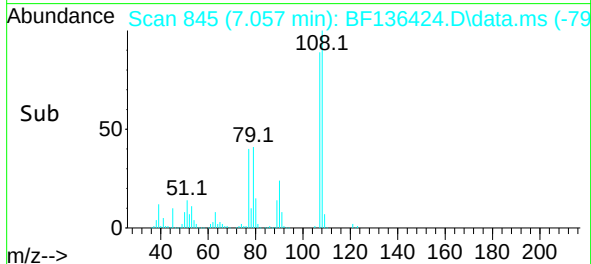
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



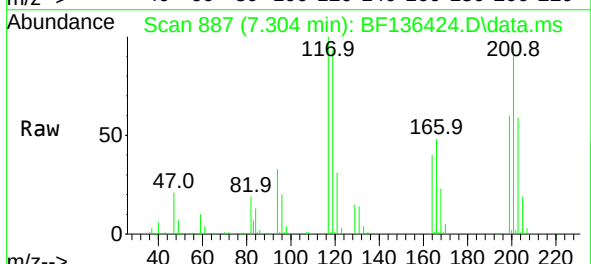
Tgt Ion:107 Resp: 285384
Ion Ratio Lower Upper
107 100
108 112.0 86.5 129.7
77 45.3 33.8 50.8
79 46.0 34.4 51.6

Manual Integrations
APPROVED

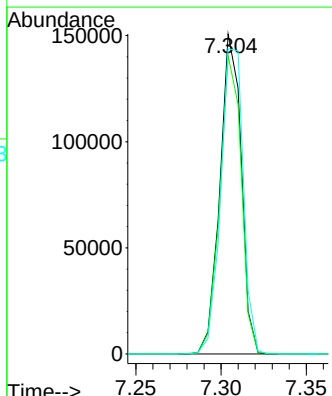
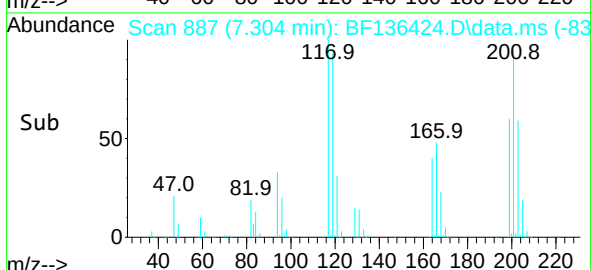
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

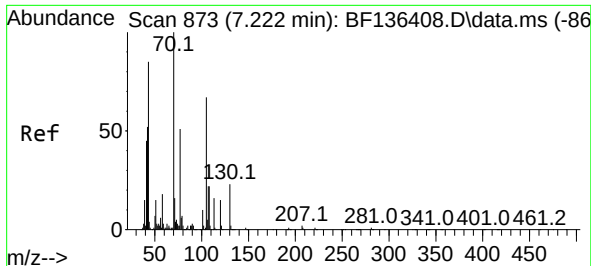


#18
Hexachloroethane
Concen: 43.434 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



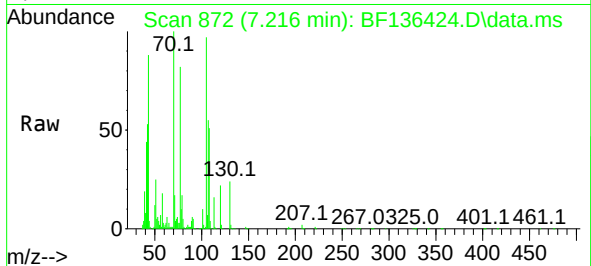
Tgt Ion:117 Resp: 130823
Ion Ratio Lower Upper
117 100
119 93.3 74.3 111.5
201 95.3 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.375 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

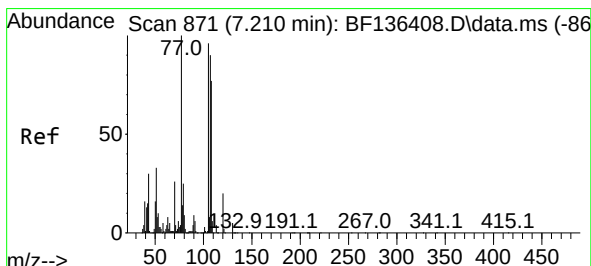
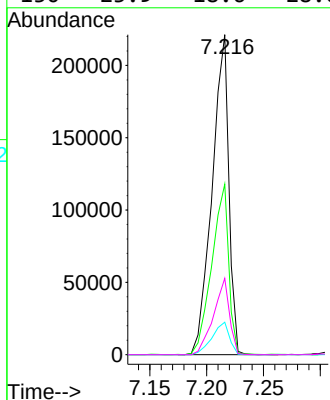
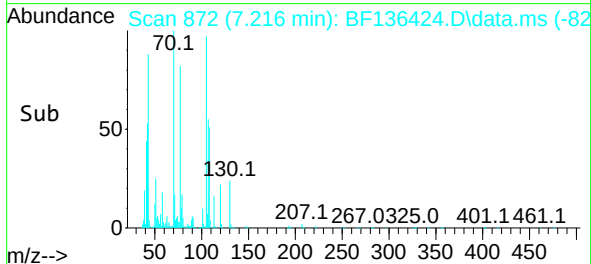
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



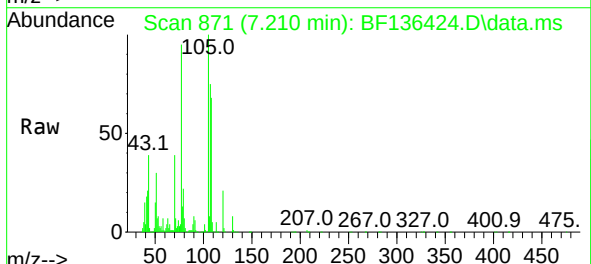
Tgt Ion: 70 Resp: 226214
Ion Ratio Lower Upper
70 100
42 53.3 41.4 62.0
101 10.2 8.2 12.4
130 23.9 18.6 28.0

Manual Integrations
APPROVED

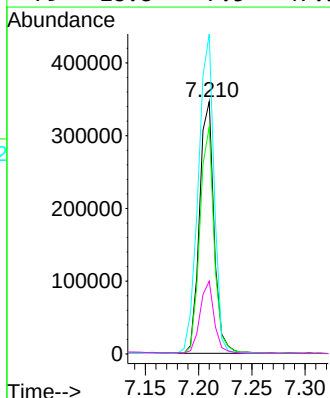
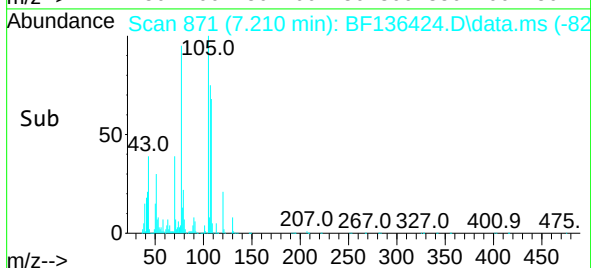
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

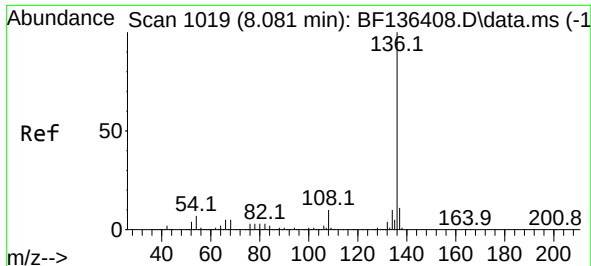


#20
3+4-Methylphenols
Concen: 43.451 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



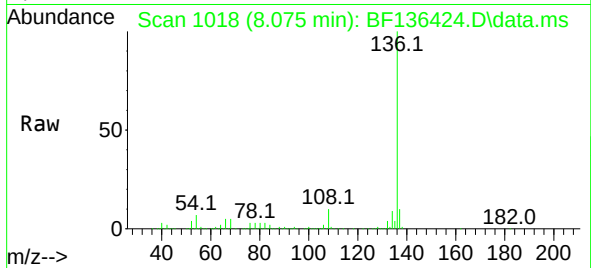
Tgt Ion:107 Resp: 329501
Ion Ratio Lower Upper
107 100
108 90.0 65.9 105.9
77 126.8 91.7 131.7
79 28.8 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

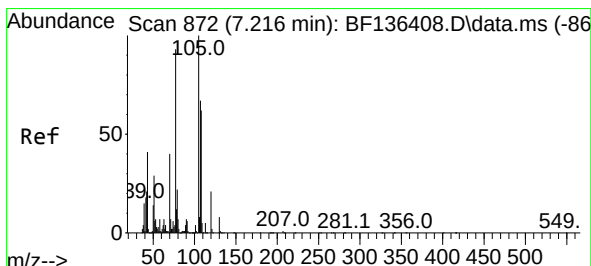
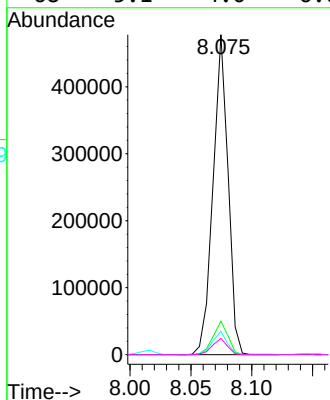
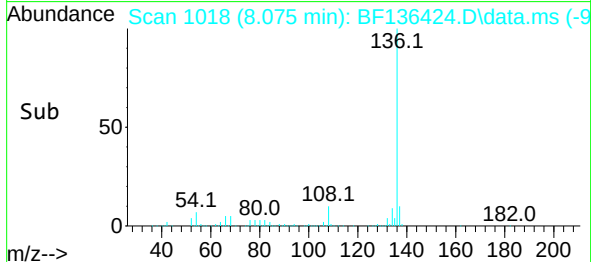
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:136 Resp: 409629
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.3 5.7 8.5
68 5.1 4.0 6.0

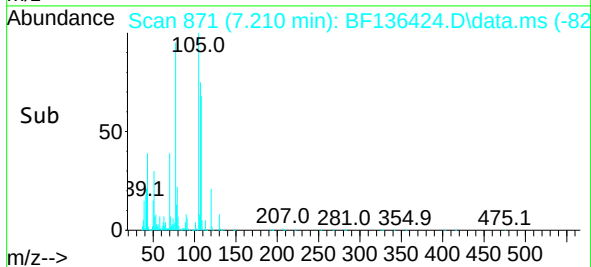
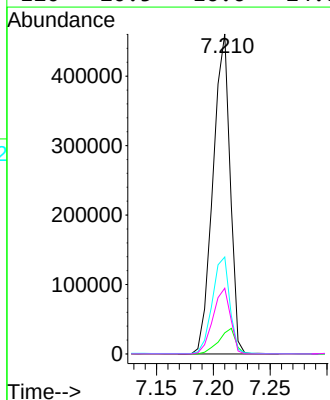
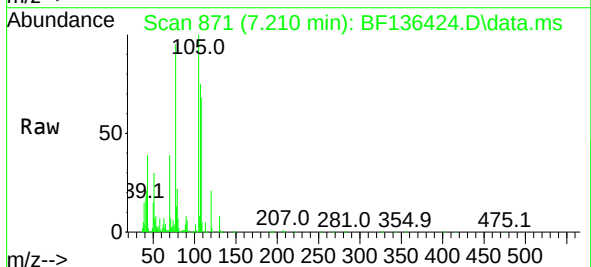
Manual Integrations
APPROVED

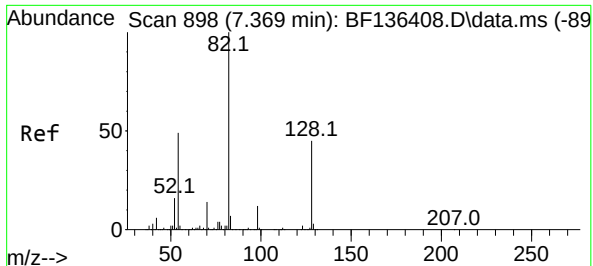
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#22
Acetophenone
Concen: 47.783 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

Tgt Ion:105 Resp: 483339
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.0
51 30.3 23.4 35.2
120 20.5 16.6 24.8





#23

Nitrobenzene-d5

Concen: 90.595 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 82 Resp: 686458

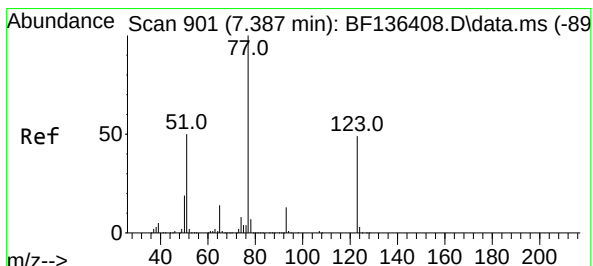
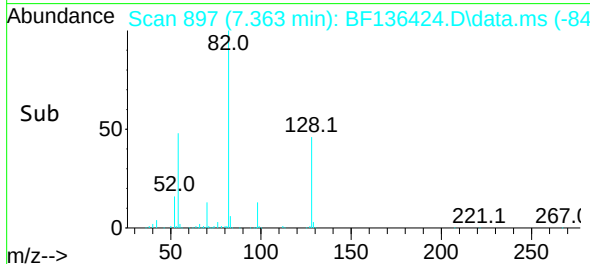
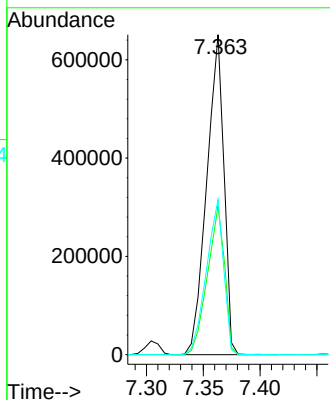
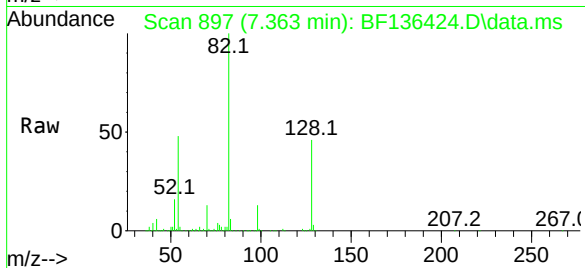
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	48.5	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#24

Nitrobenzene

Concen: 45.333 ng

RT: 7.381 min Scan# 900

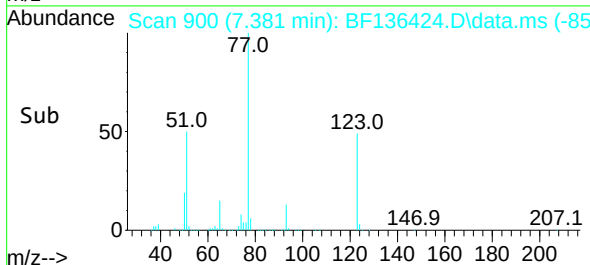
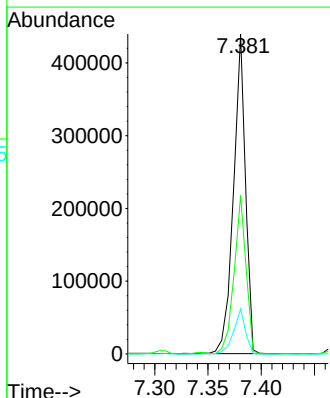
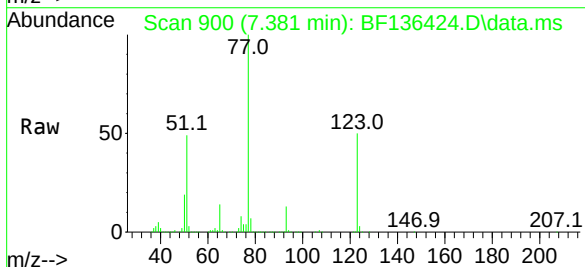
Delta R.T. -0.006 min

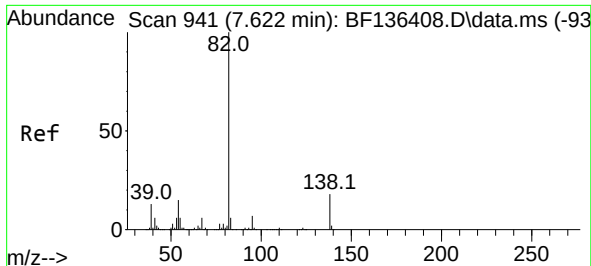
Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Tgt Ion: 77 Resp: 345546

Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.0	58.6
65	14.0	11.3	16.9





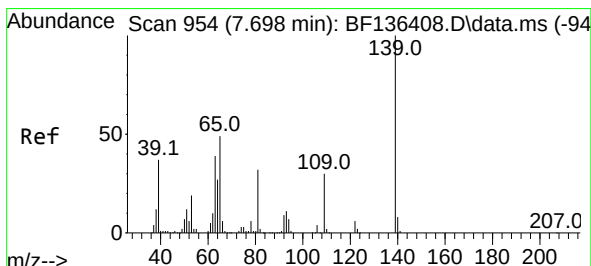
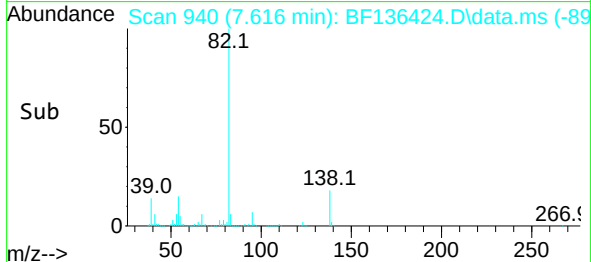
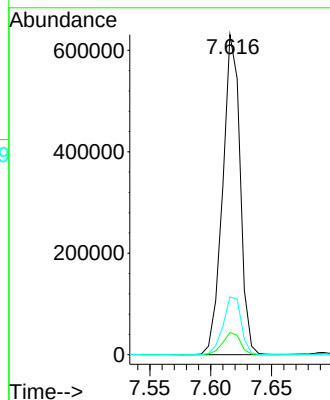
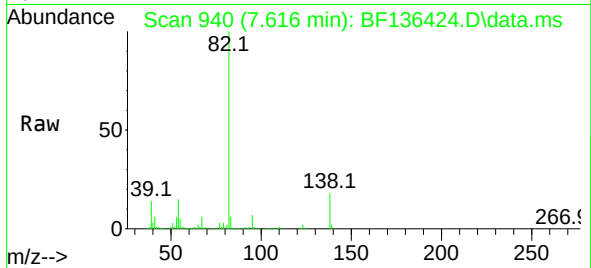
#25
Isophorone
Concen: 46.217 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 82 Resp: 62915
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.0 14.5 21.7

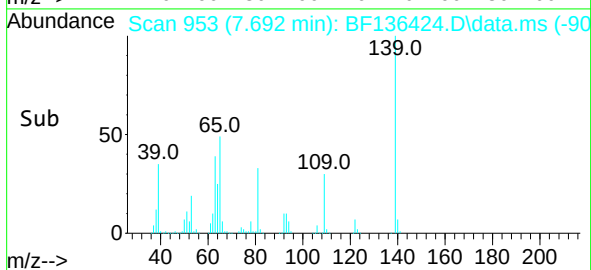
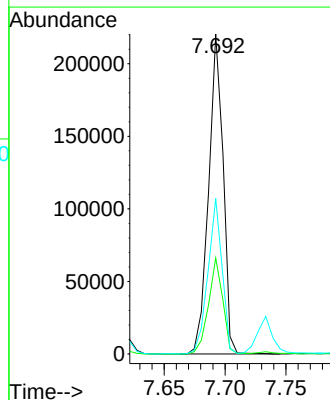
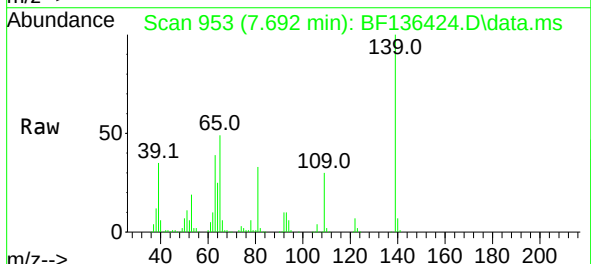
Manual Integrations
APPROVED

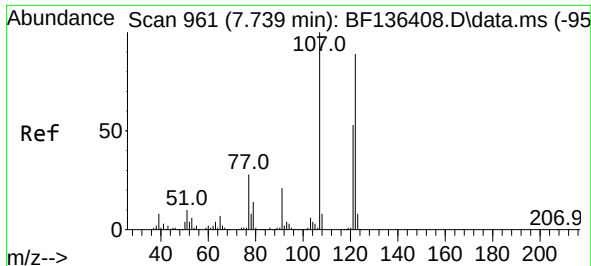
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 48.697 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

Tgt Ion:139 Resp: 182484
Ion Ratio Lower Upper
139 100
109 30.0 23.6 35.4
65 48.6 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 53.128 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136424.D

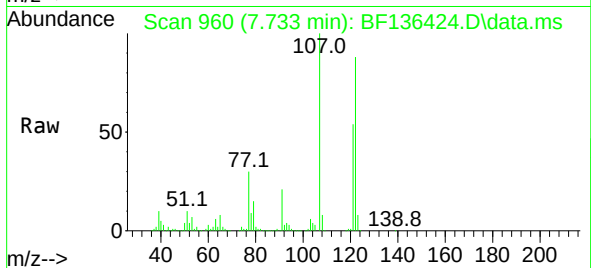
Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



Tgt Ion:122 Resp: 245488

Ion Ratio Lower Upper

122 100

107 113.8 89.3 133.9

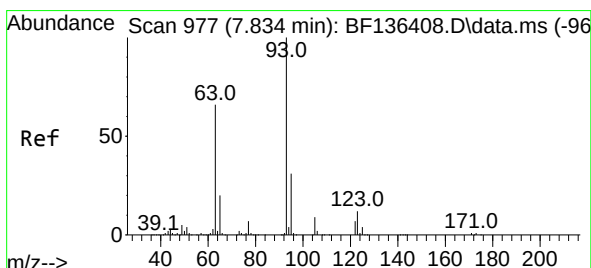
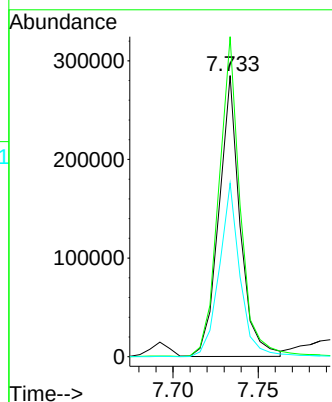
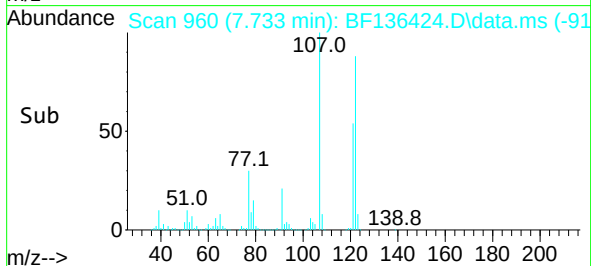
121 61.7 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.436 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

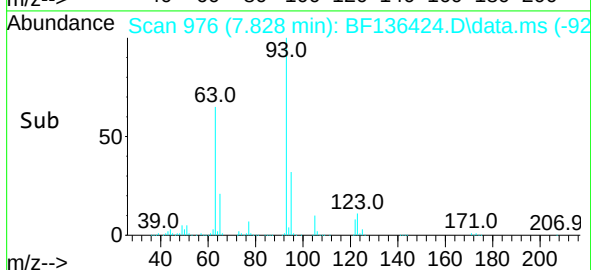
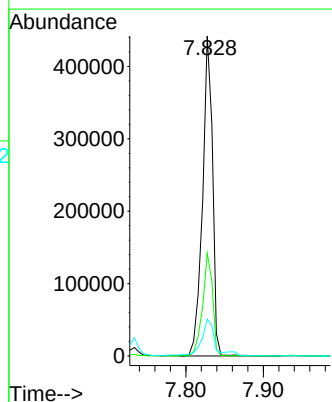
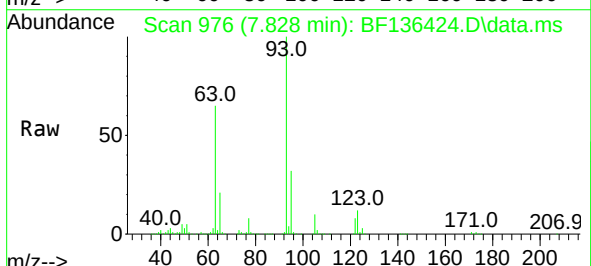
Tgt Ion: 93 Resp: 396806

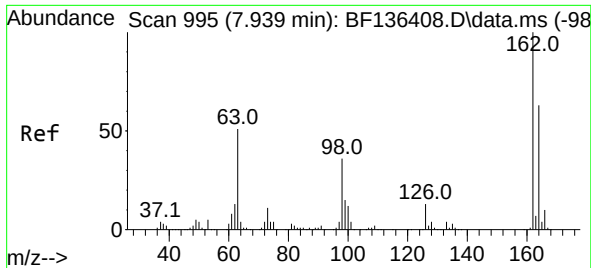
Ion Ratio Lower Upper

93 100

95 32.2 25.0 37.4

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.648 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

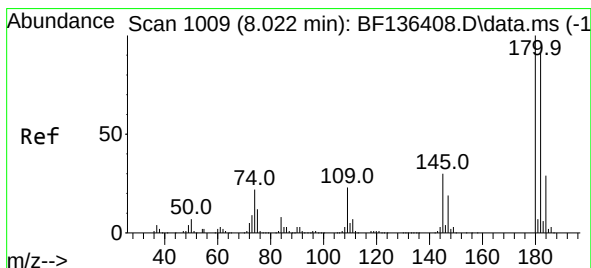
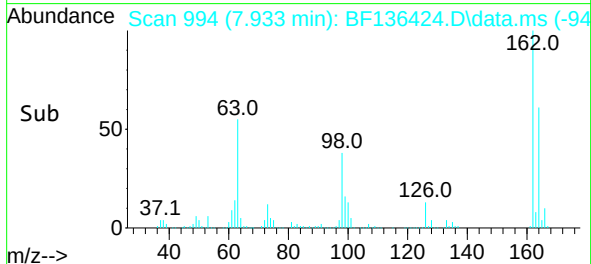
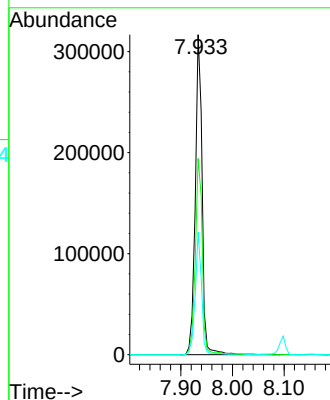
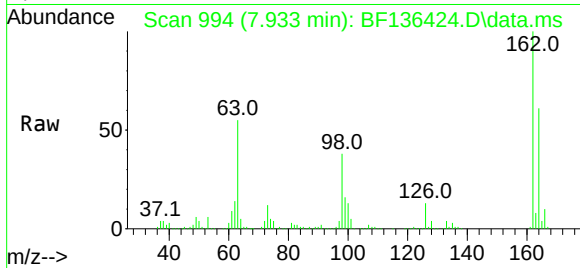
Tgt Ion:162	Resp:	29060
Ion Ratio	Lower	Upper
162	100	
164	61.3	43.0 83.0
98	38.2	16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.242 ng

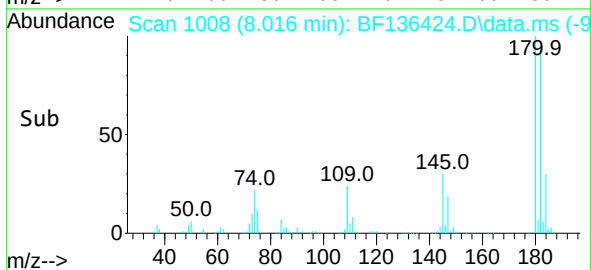
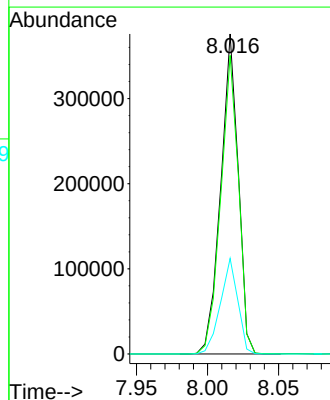
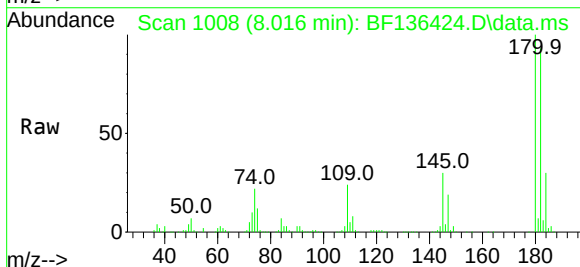
RT: 8.016 min Scan# 1008

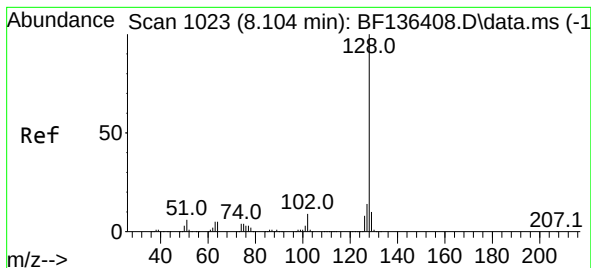
Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Tgt Ion:180	Resp:	321752
Ion Ratio	Lower	Upper
180	100	
182	93.3	73.1 109.7
145	29.8	23.8 35.8





#31

Naphthalene

Concen: 45.563 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:128 Resp: 102922

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

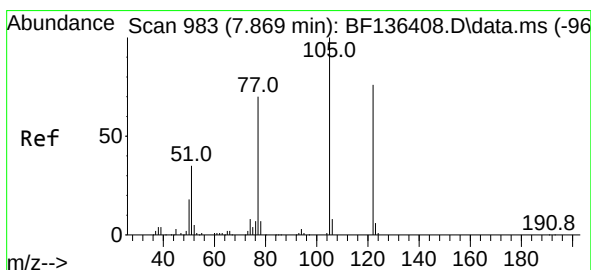
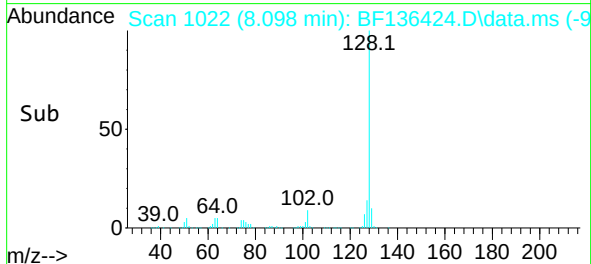
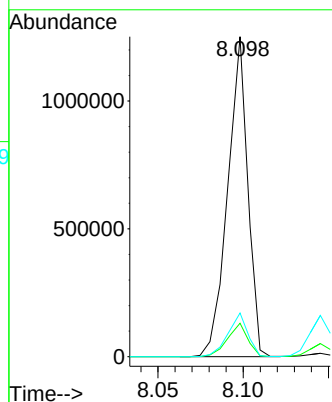
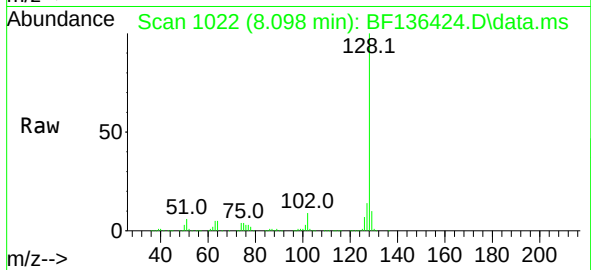
127 13.6 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#32

Benzoic acid

Concen: 45.000 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

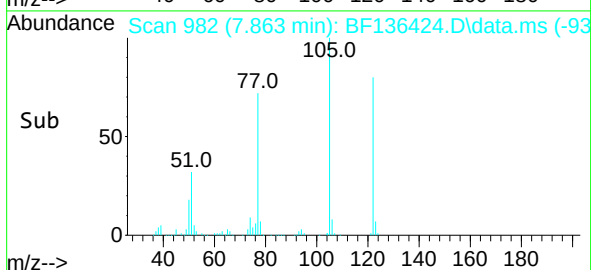
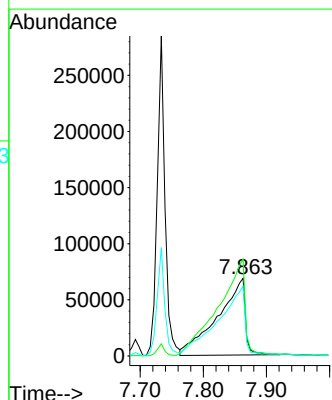
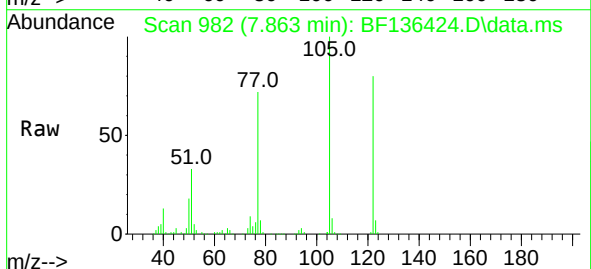
Tgt Ion:122 Resp: 206271

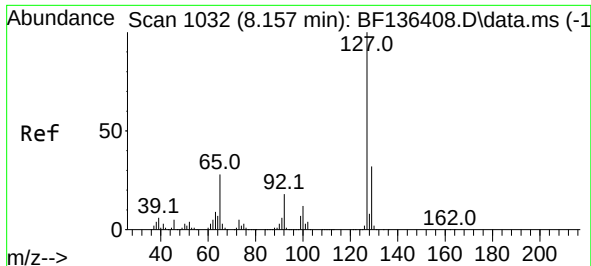
Ion Ratio Lower Upper

122 100

105 124.6 104.7 144.7

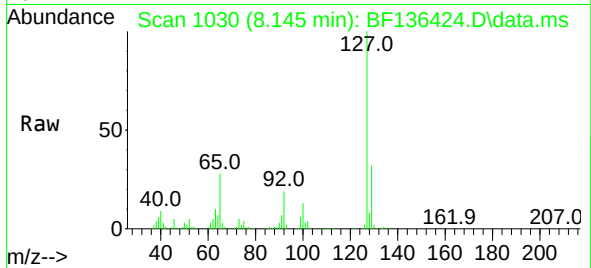
77 90.0 68.5 108.5





#33
4-Chloroaniline
Concen: 20.157 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

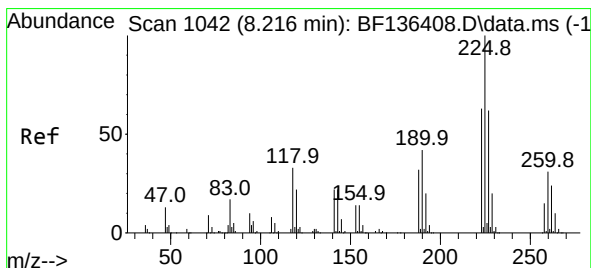
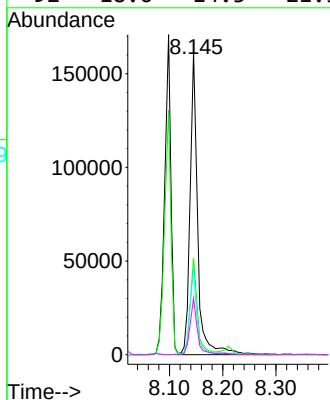
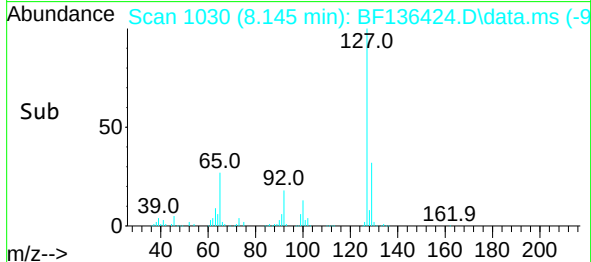
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:127 Resp: 162328
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 28.4 22.5 33.7
92 18.6 14.3 21.5

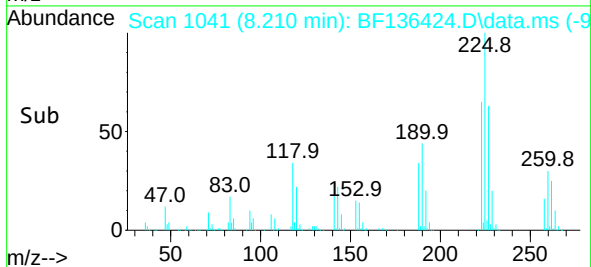
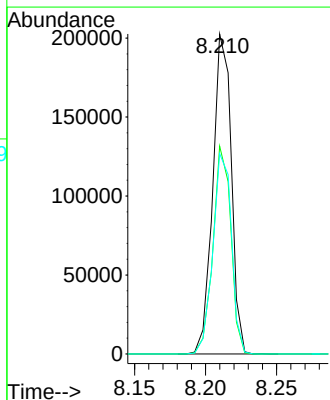
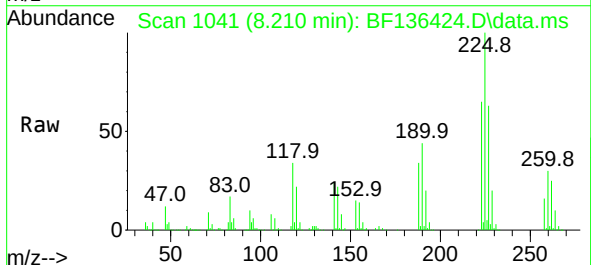
Manual Integrations
APPROVED

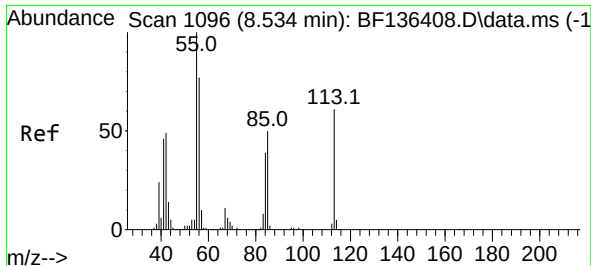
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 43.275 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

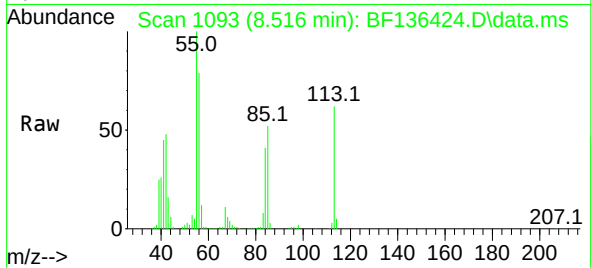
Tgt Ion:225 Resp: 182395
Ion Ratio Lower Upper
225 100
223 65.0 50.8 76.2
227 62.6 49.8 74.8





#35
Caprolactam
Concen: 42.054 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.018 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

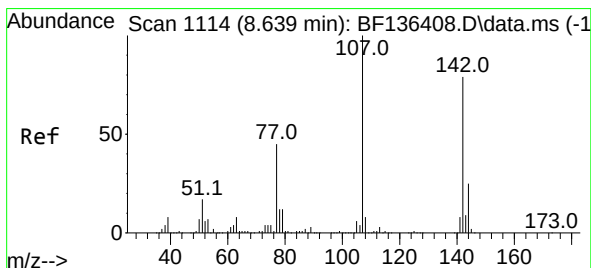
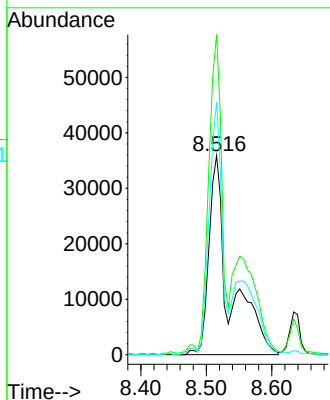
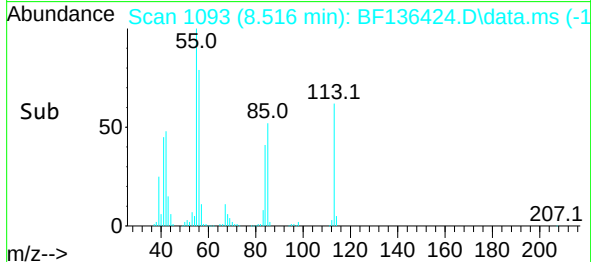
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:113 Resp: 7898
Ion Ratio Lower Upper
113 100
55 160.6 143.7 183.7
56 126.8 105.2 145.2

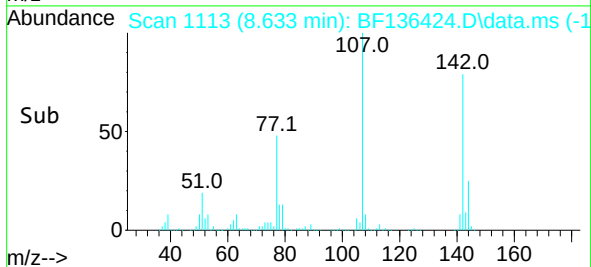
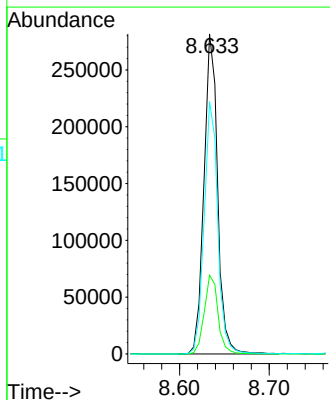
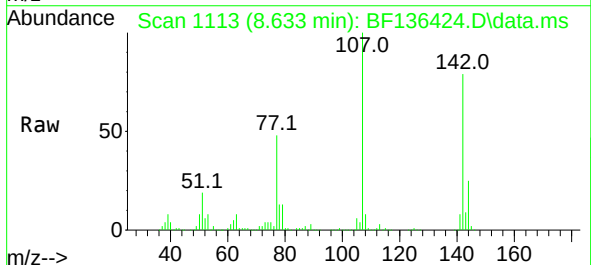
Manual Integrations
APPROVED

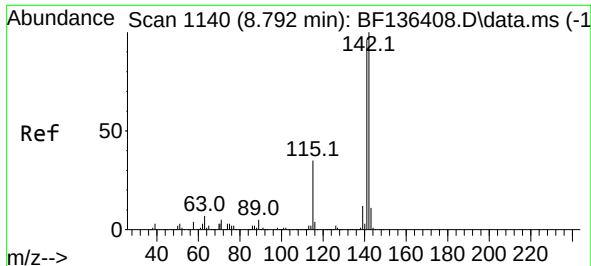
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#36
4-Chloro-3-methylphenol
Concen: 45.959 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

Tgt Ion:107 Resp: 297627
Ion Ratio Lower Upper
107 100
144 24.6 20.1 30.1
142 78.9 63.1 94.7





#37

2-Methylnaphthalene

Concen: 45.290 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:142 Resp: 65086

Ion Ratio Lower Upper

142 100

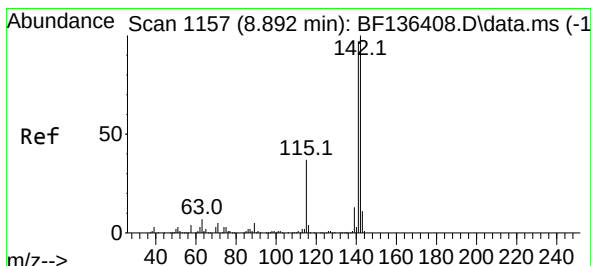
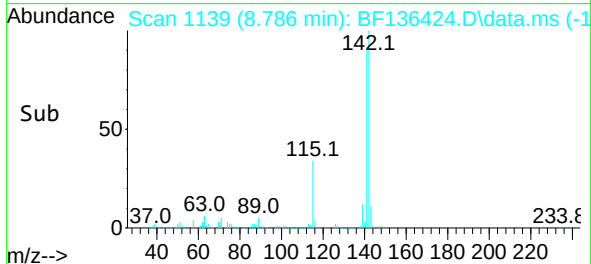
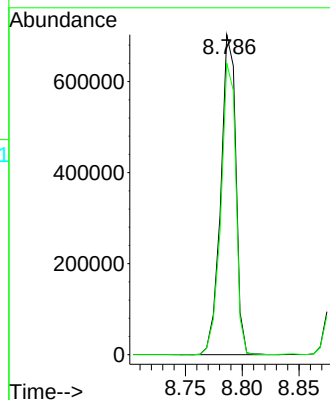
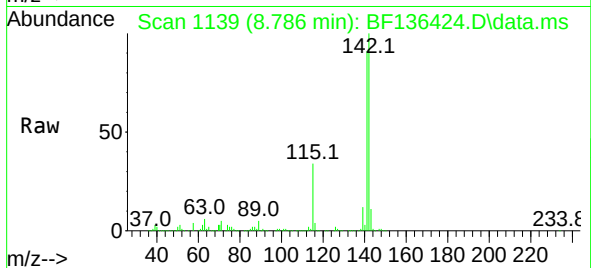
141 91.1 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 44.676 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136424.D

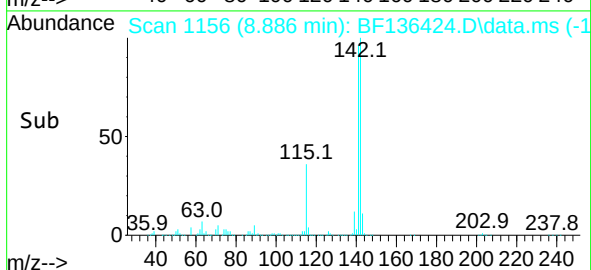
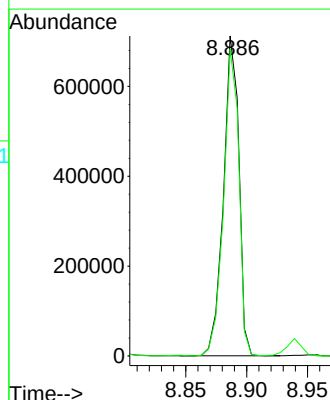
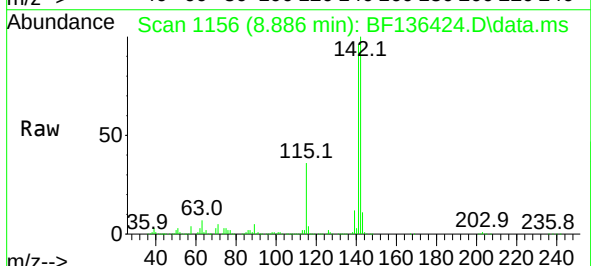
Acq: 06 Dec 2023 12:58

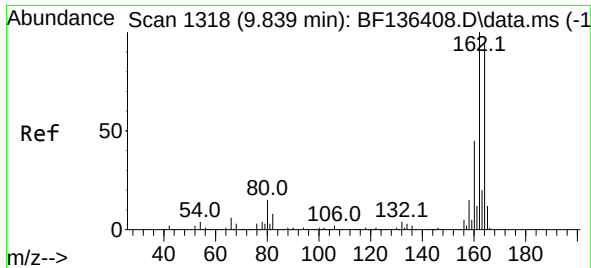
Tgt Ion:142 Resp: 630014

Ion Ratio Lower Upper

142 100

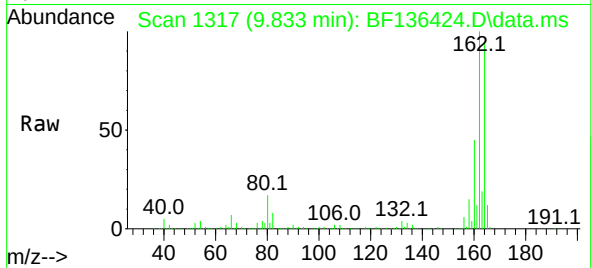
141 95.8 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

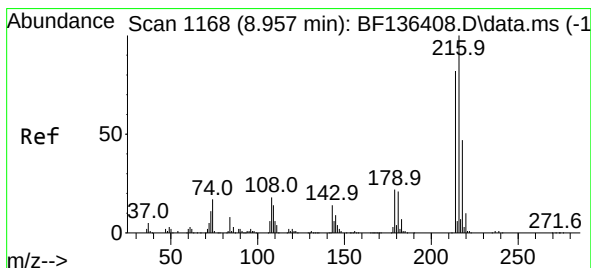
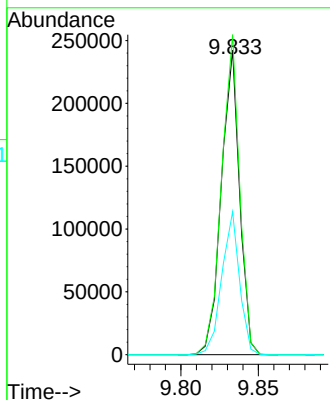
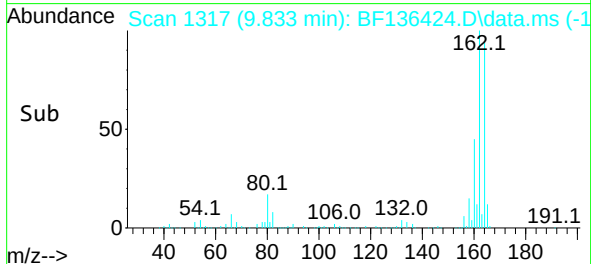
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



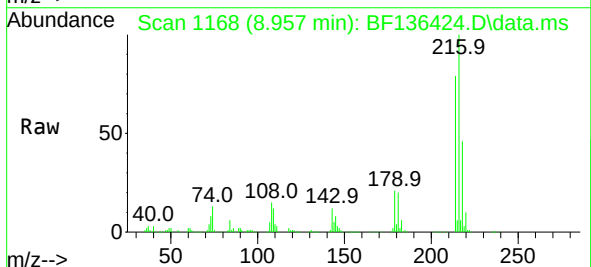
Tgt Ion:164 Resp: 198763
Ion Ratio Lower Upper
164 100
162 105.0 84.4 126.6
160 46.9 37.6 56.4

Manual Integrations
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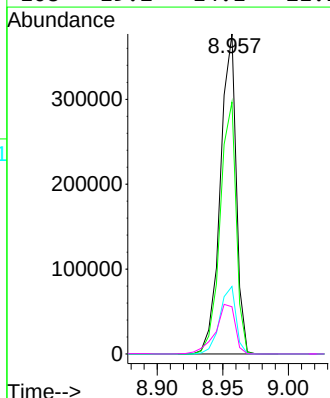
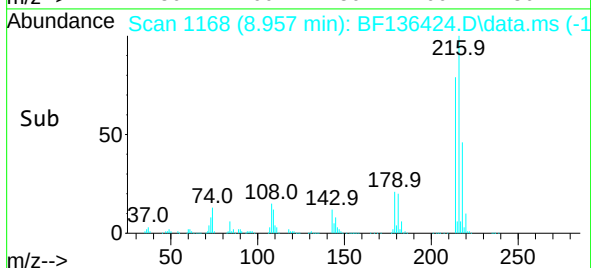
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

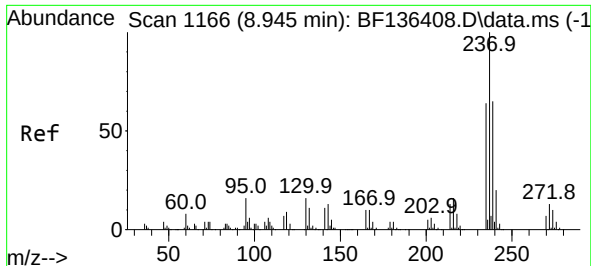


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.250 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



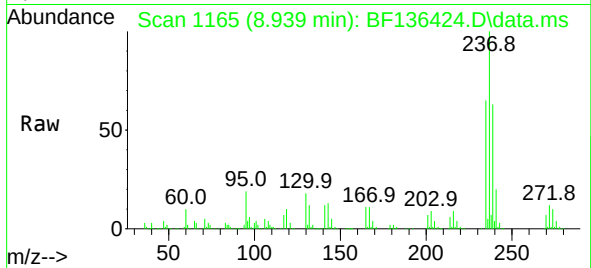
Tgt Ion:216 Resp: 316918
Ion Ratio Lower Upper
216 100
214 79.3 64.1 96.1
179 21.5 17.0 25.6
108 19.2 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 120.497 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

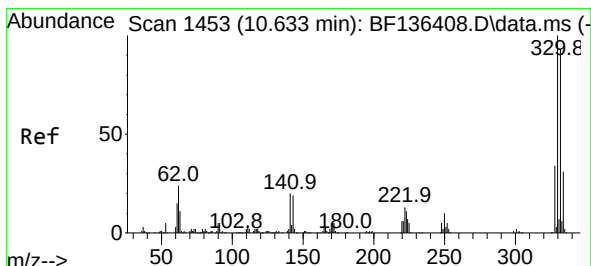
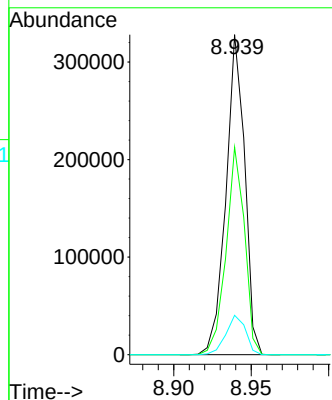
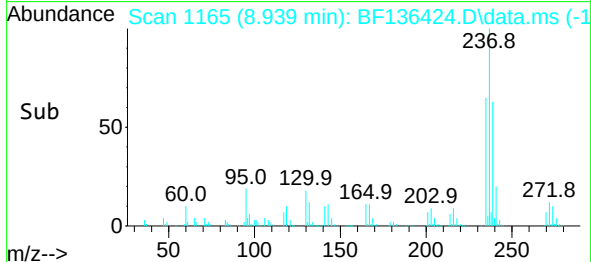
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



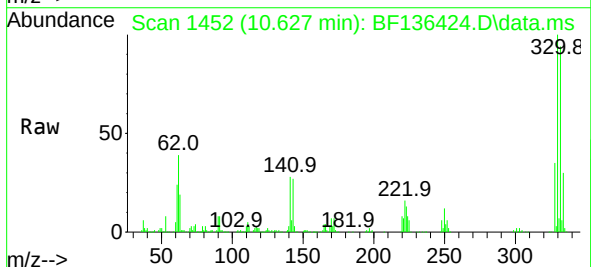
Tgt Ion:237 Resp: 276052
Ion Ratio Lower Upper
237 100
235 64.9 44.1 84.1
272 12.3 0.0 33.3

Manual Integrations
APPROVED

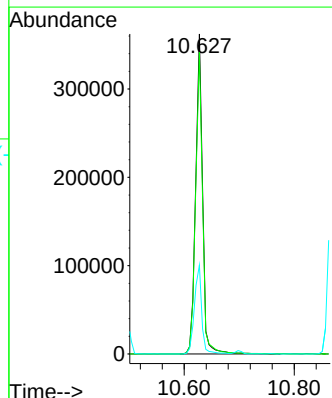
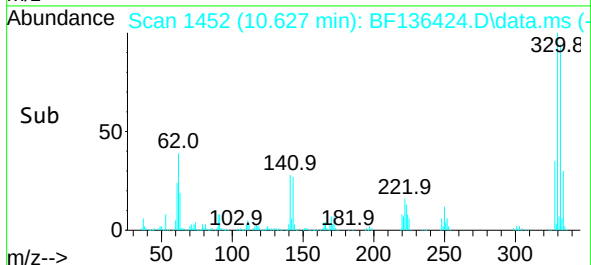
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

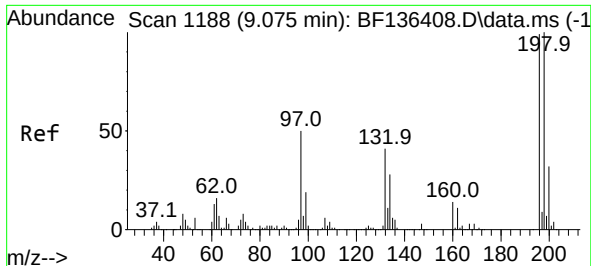


#42
2,4,6-Tribromophenol
Concen: 128.784 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion:330 Resp: 315618
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 29.2 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 50.625 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:196 Resp: 20383

Ion Ratio Lower Upper

196 100

198 98.7 80.4 120.6

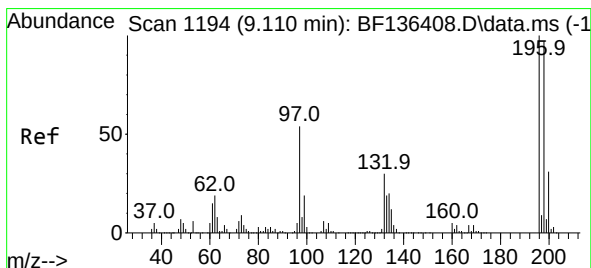
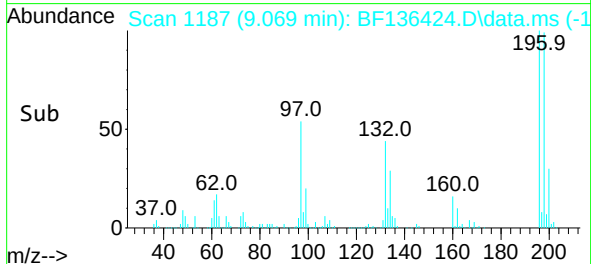
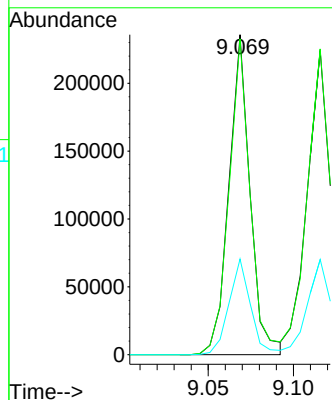
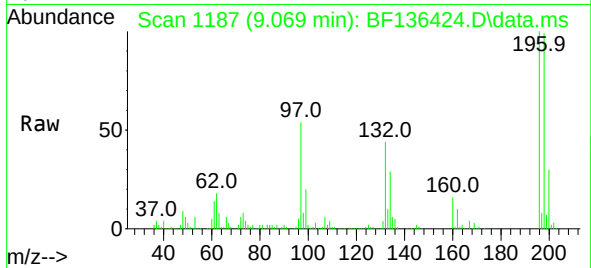
200 29.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#44

2,4,5-Trichlorophenol

Concen: 48.669 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Tgt Ion:196 Resp: 218715

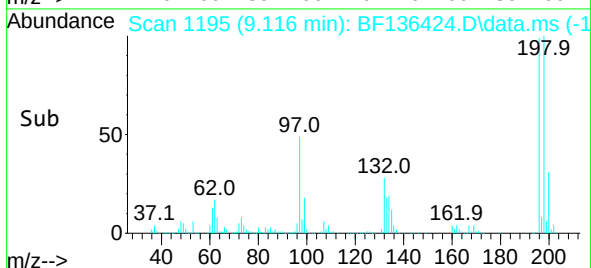
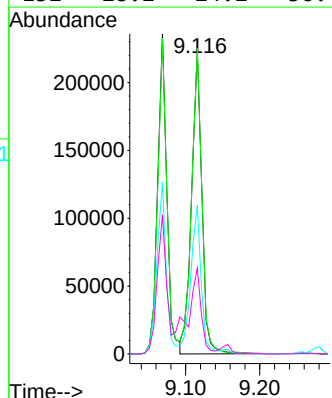
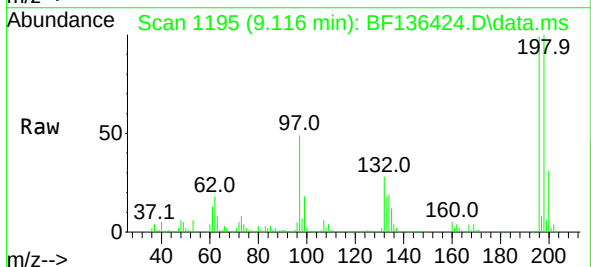
Ion Ratio Lower Upper

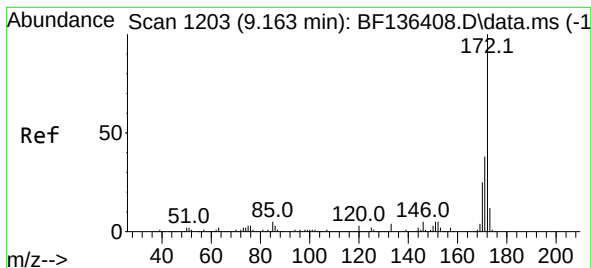
196 100

198 100.5 78.1 117.1

97 49.0 43.4 65.2

132 28.2 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 93.064 ng

RT: 9.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:172 Resp: 135563

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

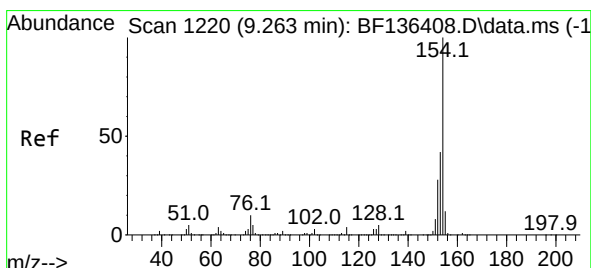
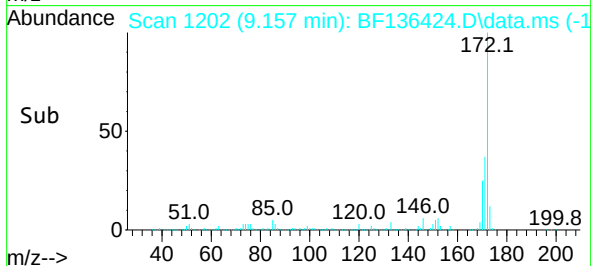
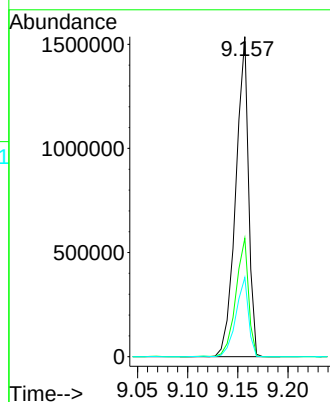
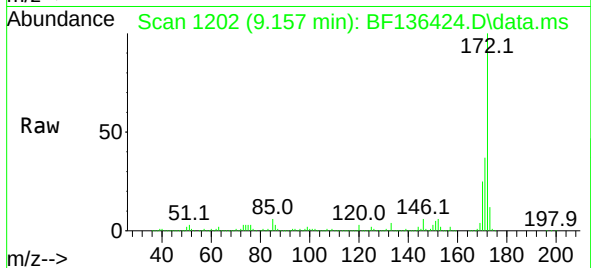
170 24.8 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#46

1,1'-Biphenyl

Concen: 49.727 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

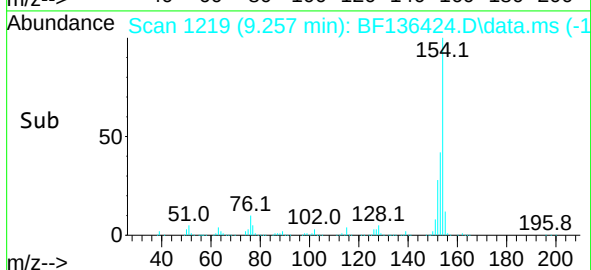
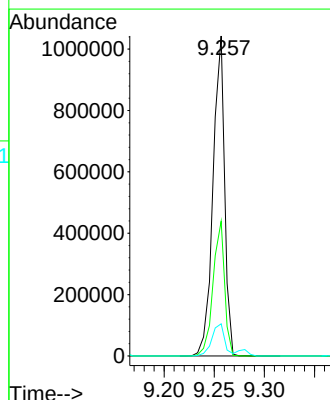
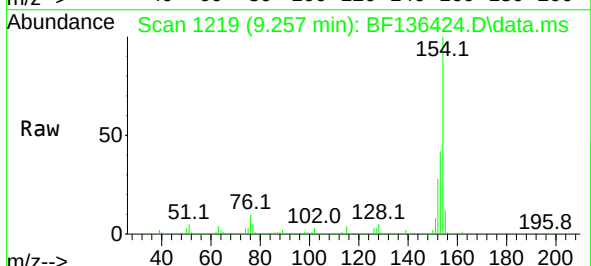
Tgt Ion:154 Resp: 841022

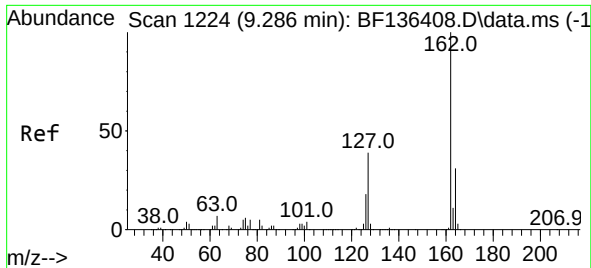
Ion Ratio Lower Upper

154 100

153 42.1 22.5 62.5

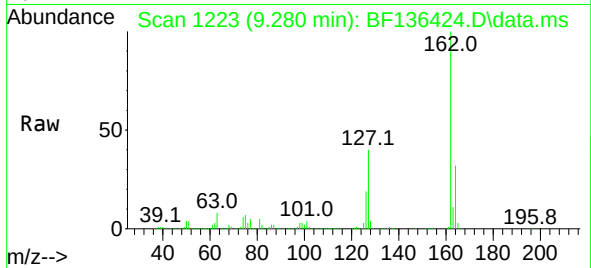
76 10.1 0.0 29.9





#47
2-Chloronaphthalene
Concen: 47.810 ng
RT: 9.280 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

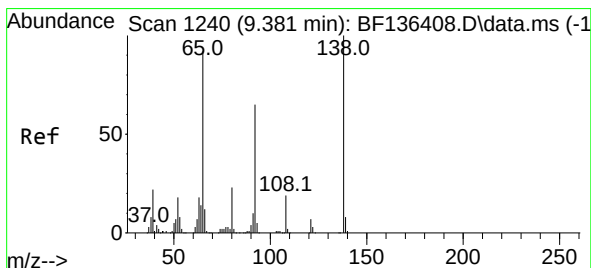
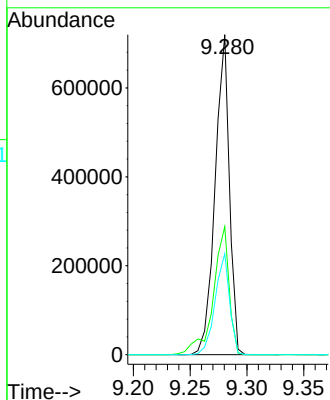
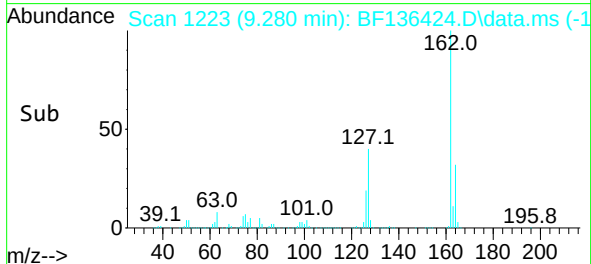
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:162 Resp: 629340
Ion Ratio Lower Upper
162 100
127 40.0 31.1 46.7
164 31.6 24.6 37.0

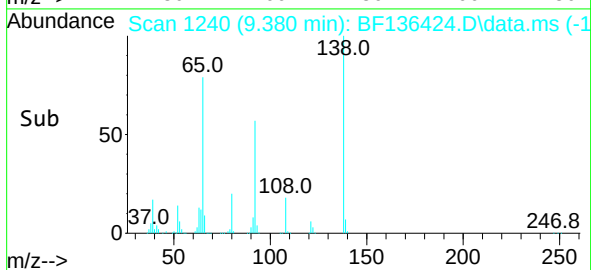
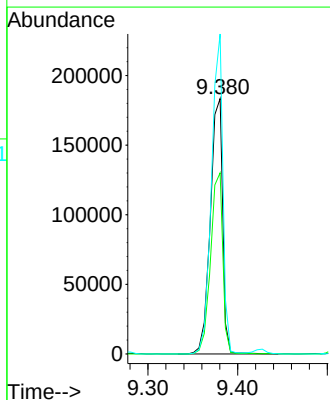
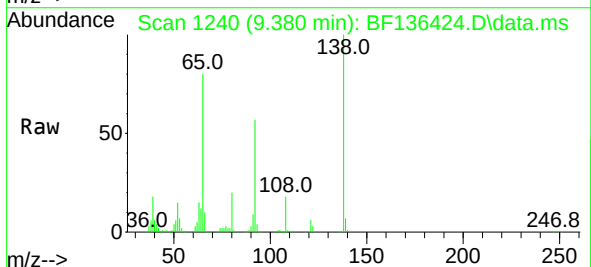
Manual Integrations
APPROVED

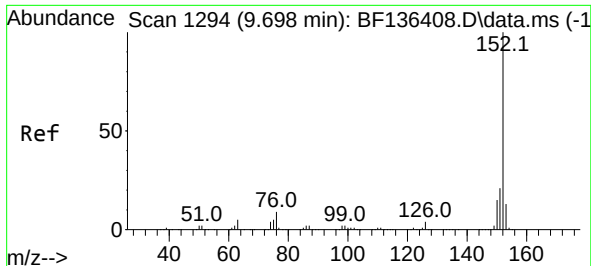
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#48
2-Nitroaniline
Concen: 49.540 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

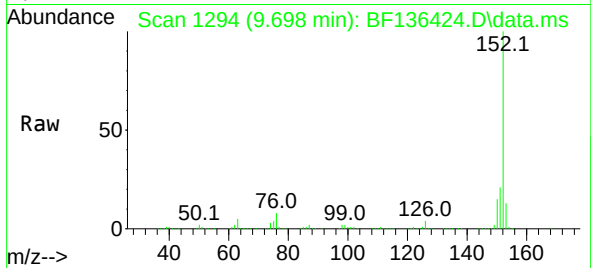
Tgt Ion: 65 Resp: 174902
Ion Ratio Lower Upper
65 100
92 71.0 56.1 84.1
138 125.3 86.7 130.1





#49
Acenaphthylene
Concen: 52.373 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

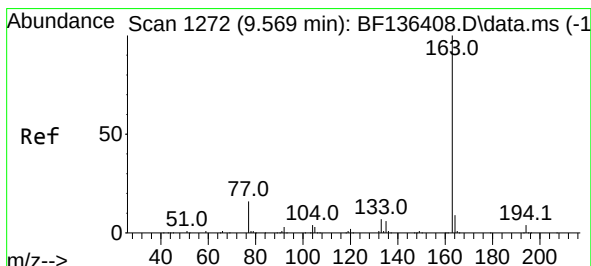
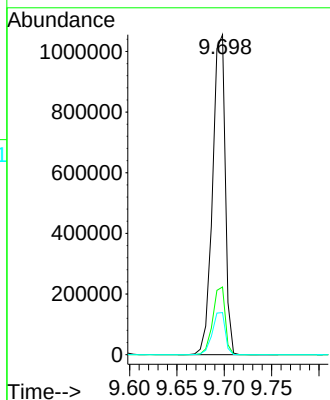
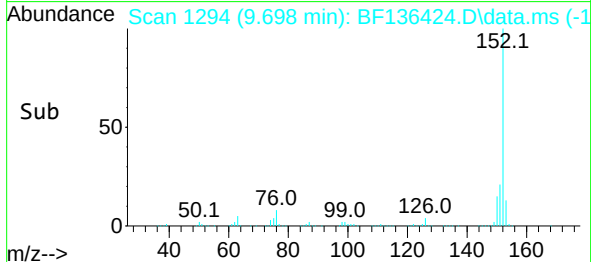
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



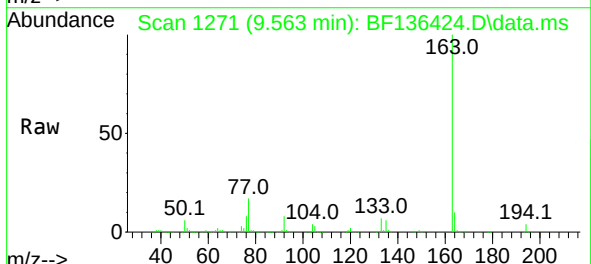
Tgt Ion:152 Resp: 982088
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 13.1 10.6 15.8

Manual Integrations
APPROVED

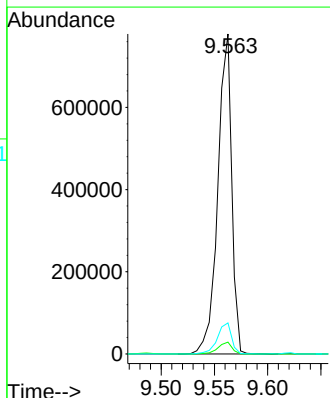
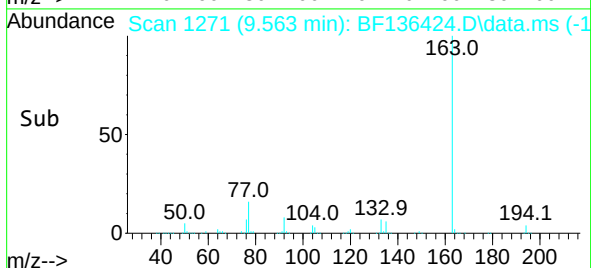
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

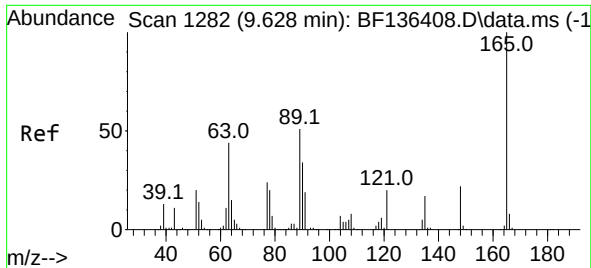


#50
Dimethylphthalate
Concen: 48.202 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



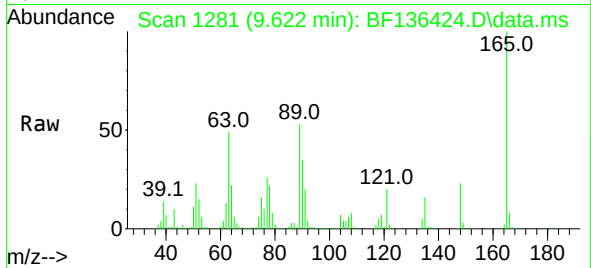
Tgt Ion:163 Resp: 705369
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.7 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 47.074 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

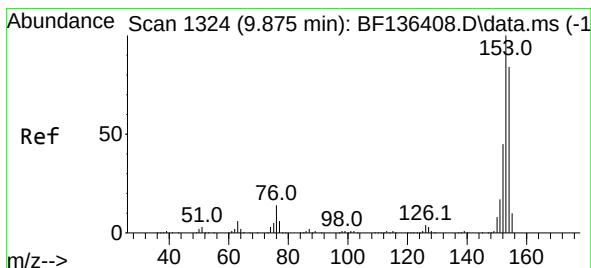
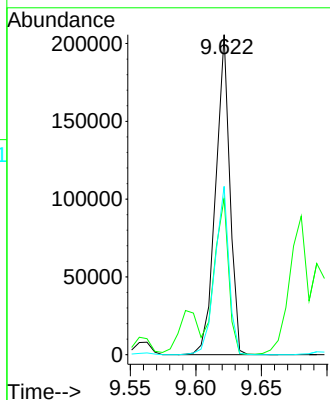
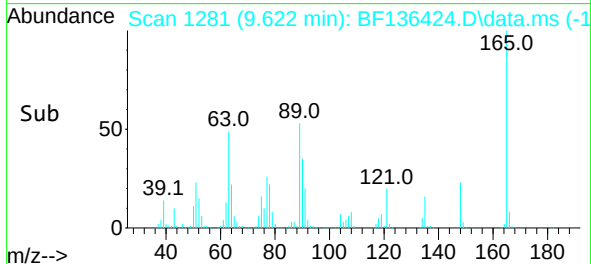
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



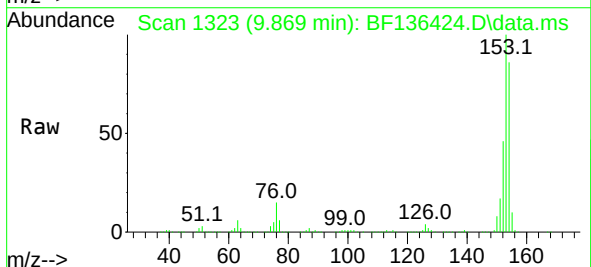
Tgt Ion:165 Resp: 154979
Ion Ratio Lower Upper
165 100
63 48.8 40.4 60.6
89 52.6 40.6 60.8

Manual Integrations
APPROVED

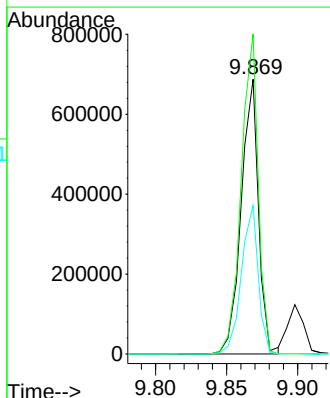
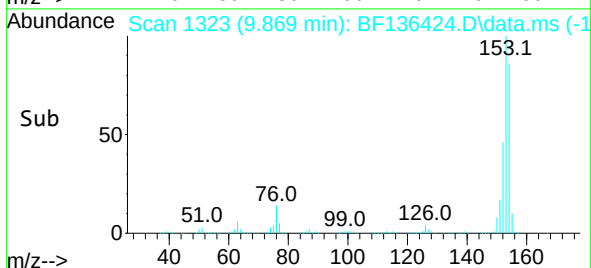
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

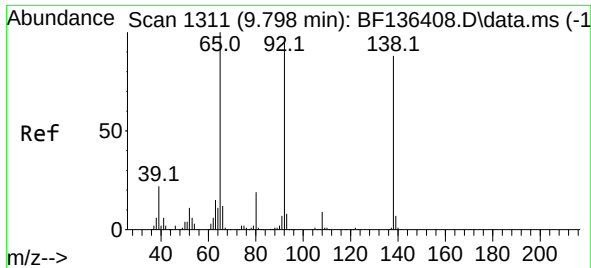


#52
Acenaphthene
Concen: 48.583 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion:154 Resp: 583784
Ion Ratio Lower Upper
154 100
153 116.5 95.3 142.9
152 54.0 43.2 64.8





#53
3-Nitroaniline
Concen: 33.600 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

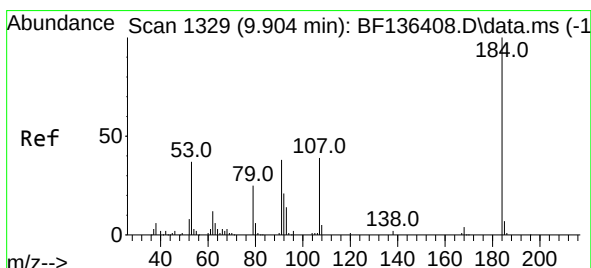
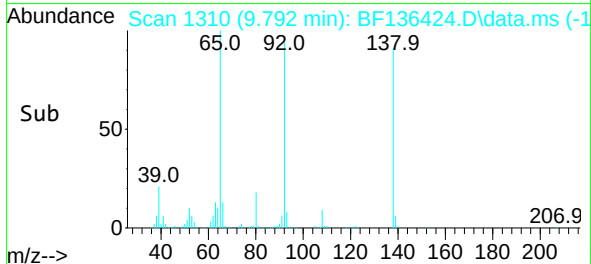
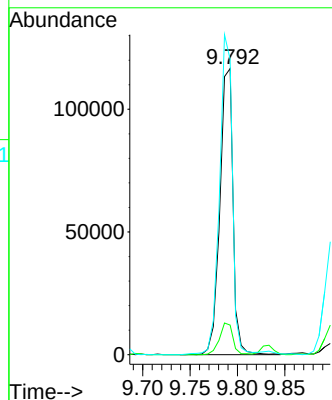
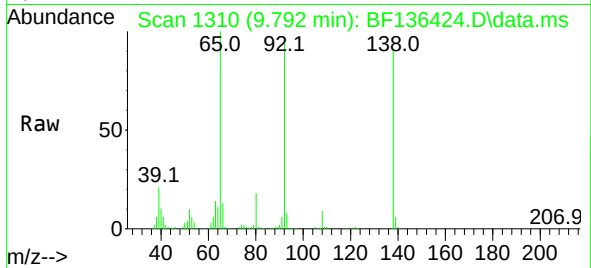
ClientSampleId :

WC-1MSD

Tgt Ion:138 Resp: 11295
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 103.2 86.1 129.1

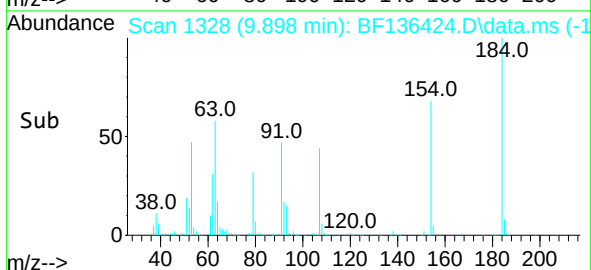
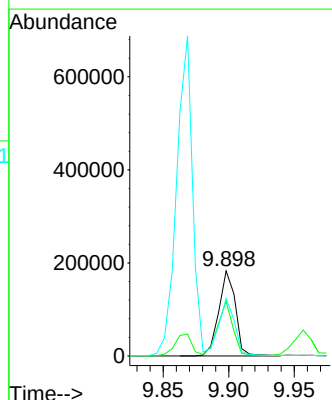
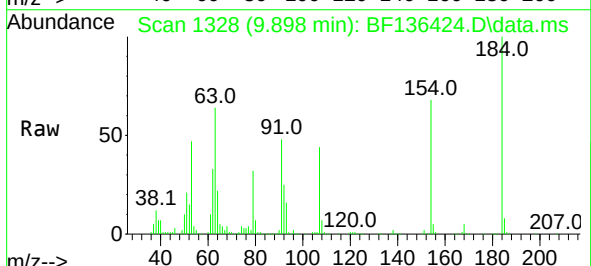
Manual Integrations
APPROVED

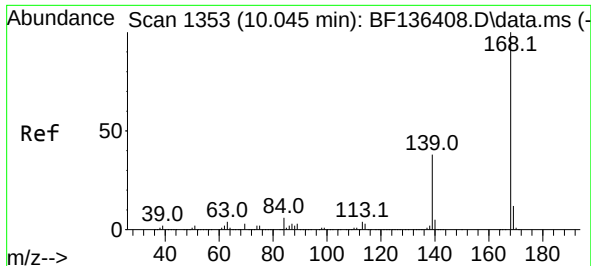
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#54
2,4-Dinitrophenol
Concen: 97.212 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

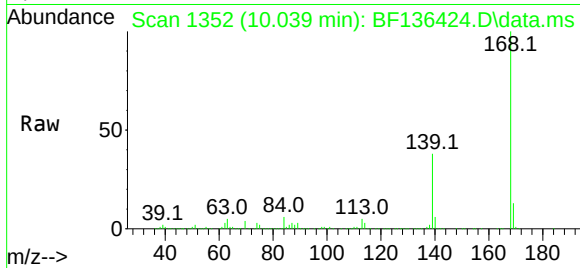
Tgt Ion:184 Resp: 161811
Ion Ratio Lower Upper
184 100
63 64.5 39.1 58.7#
154 67.6 49.9 74.9





#55
Dibenzenofuran
Concen: 49.098 ng
RT: 10.039 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

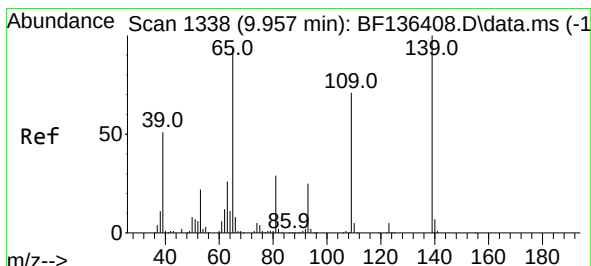
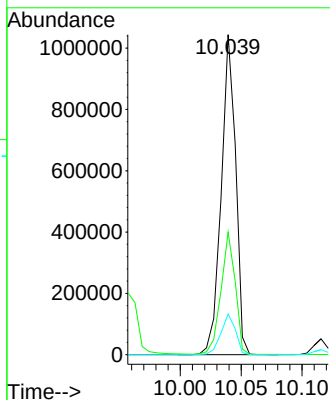
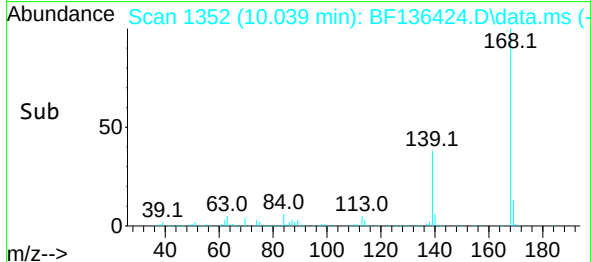
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:168 Resp: 861884
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 12.7 9.9 14.9

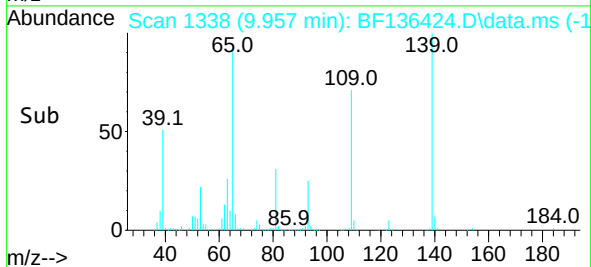
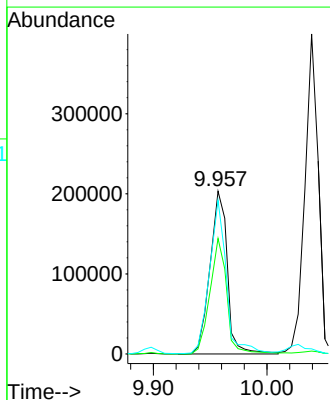
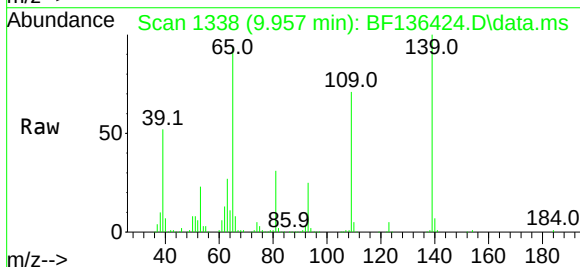
Manual Integrations
APPROVED

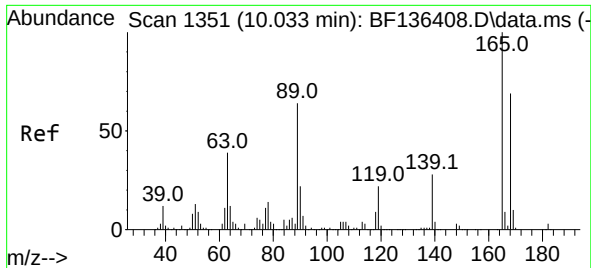
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 85.797 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

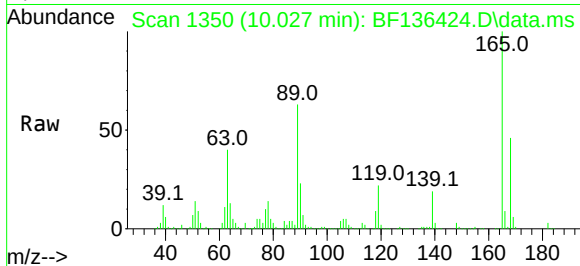
Tgt Ion:139 Resp: 216225
Ion Ratio Lower Upper
139 100
109 71.0 50.6 90.6
65 94.3 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 45.623 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

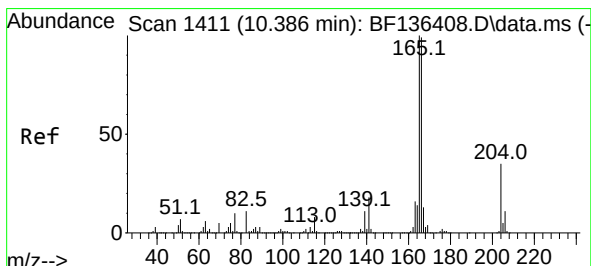
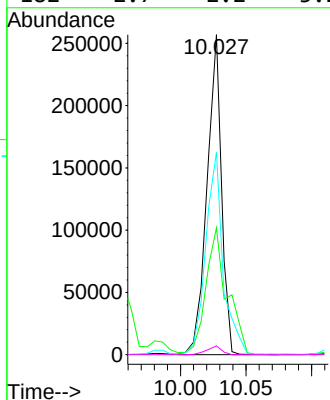
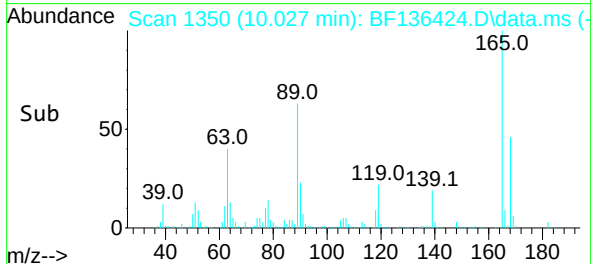
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



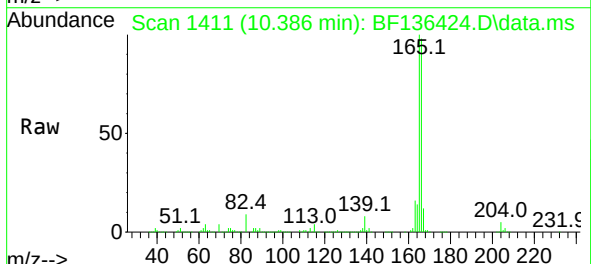
Tgt Ion:165 Resp: 198691
Ion Ratio Lower Upper
165 100
63 39.7 31.4 47.2
89 63.3 51.7 77.5
182 2.7 2.2 3.2

Manual Integrations
APPROVED

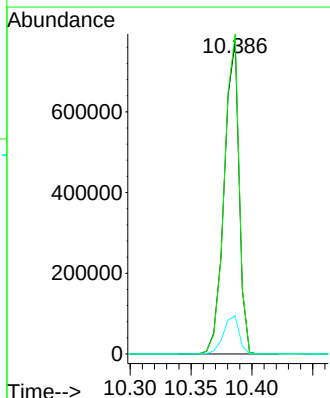
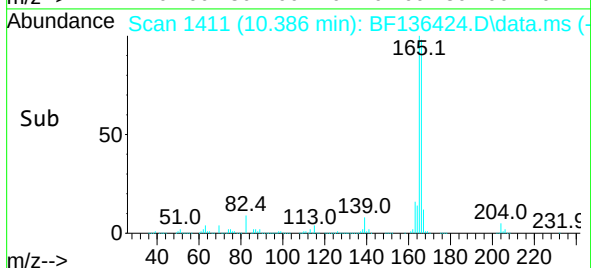
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

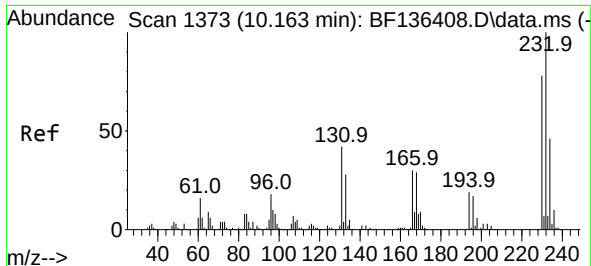


#58
Fluorene
Concen: 47.042 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



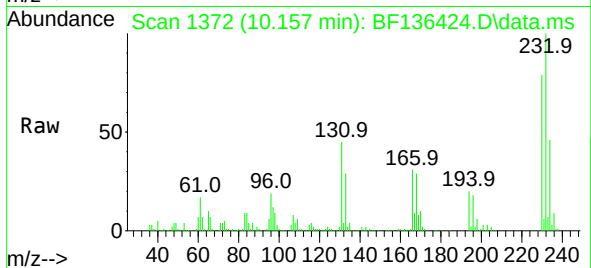
Tgt Ion:166 Resp: 662891
Ion Ratio Lower Upper
166 100
165 102.3 80.5 120.7
167 12.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.100 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

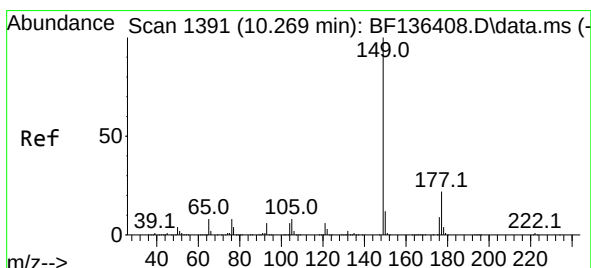
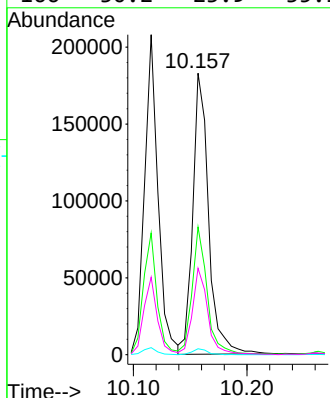
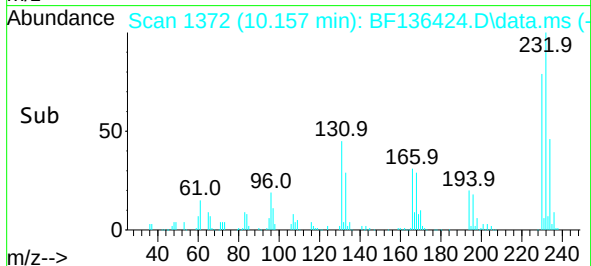
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:232 Resp: 176749
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 2.0 1.6 2.4
166 30.2 23.9 35.9

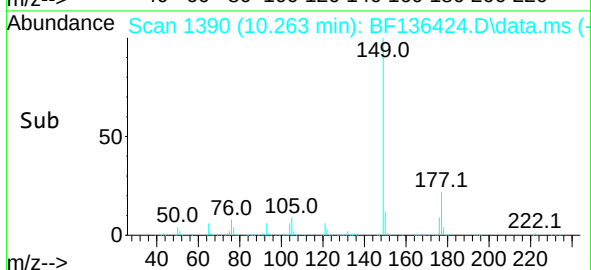
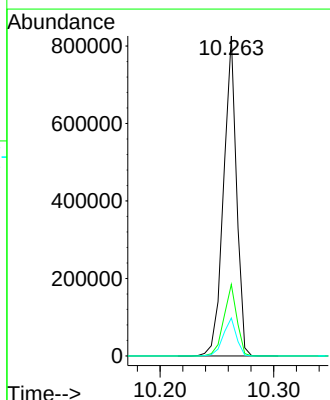
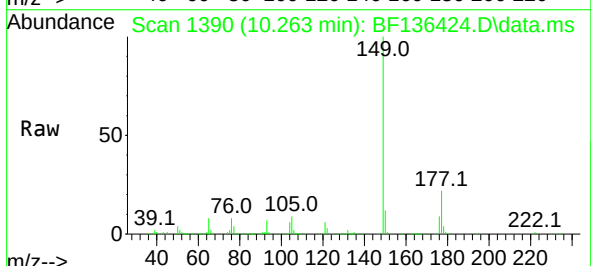
Manual Integrations
APPROVED

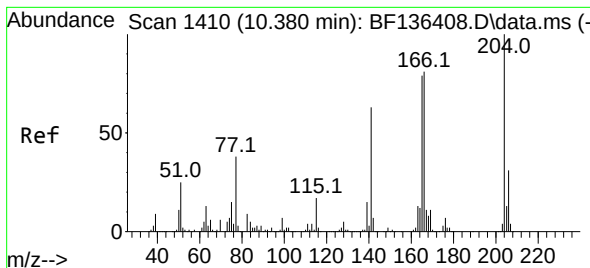
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#60
Diethylphthalate
Concen: 45.668 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

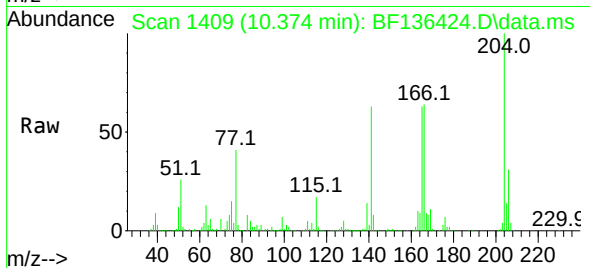
Tgt Ion:149 Resp: 657147
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 11.9 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 46.406 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

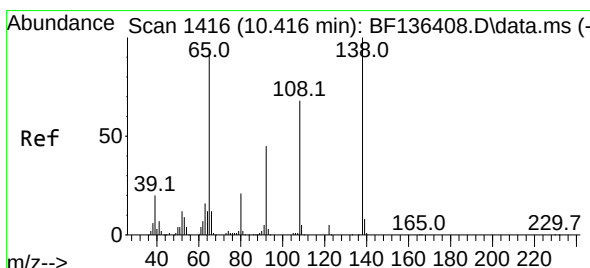
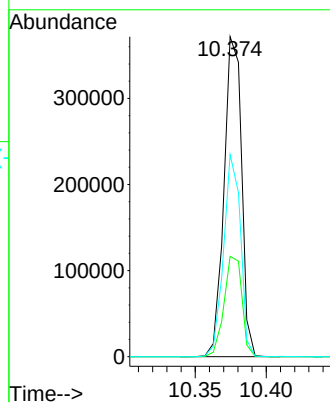
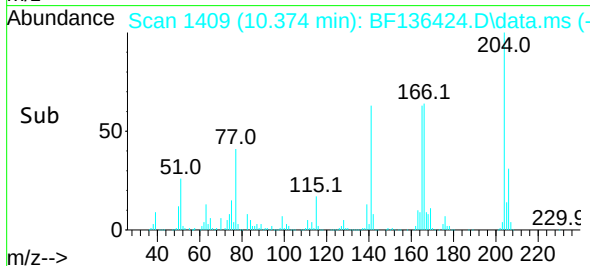
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:204 Resp: 318784
Ion Ratio Lower Upper
204 100
206 31.3 24.6 36.8
141 63.2 50.3 75.5

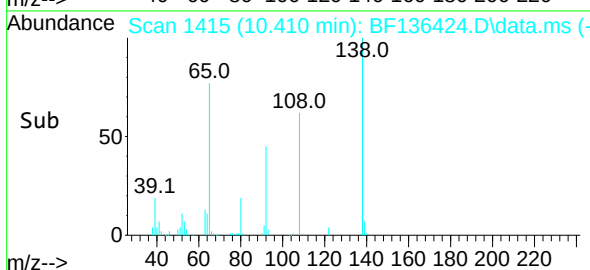
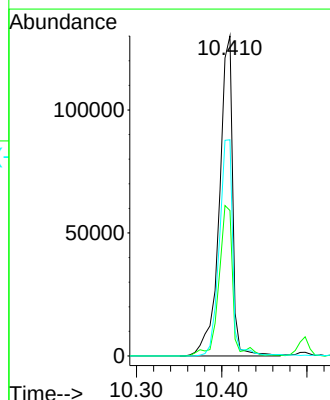
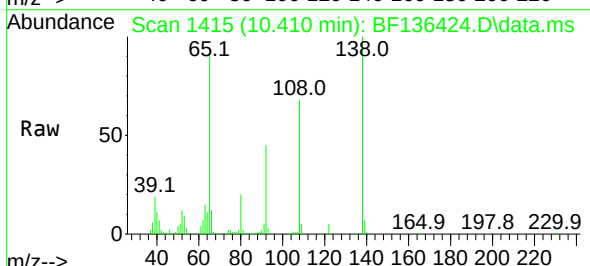
Manual Integrations
APPROVED

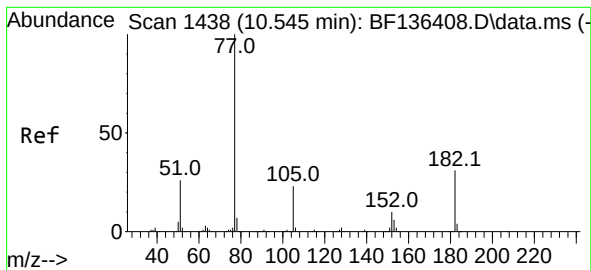
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#62
4-Nitroaniline
Concen: 42.391 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

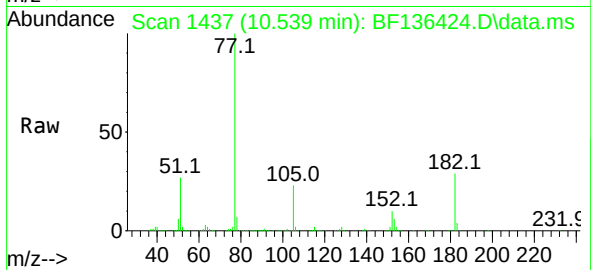
Tgt Ion:138 Resp: 141506
Ion Ratio Lower Upper
138 100
92 45.4 25.0 65.0
108 67.5 47.9 87.9





#63
Azobenzene
Concen: 45.796 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

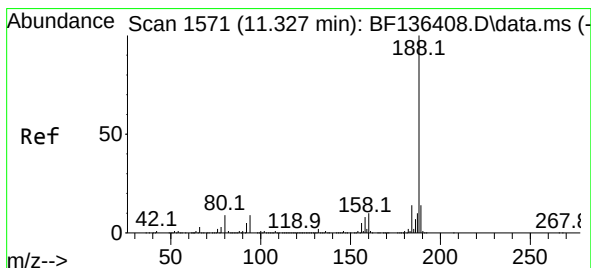
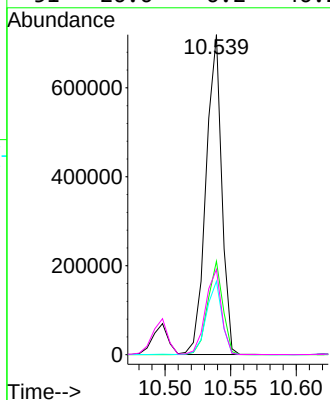
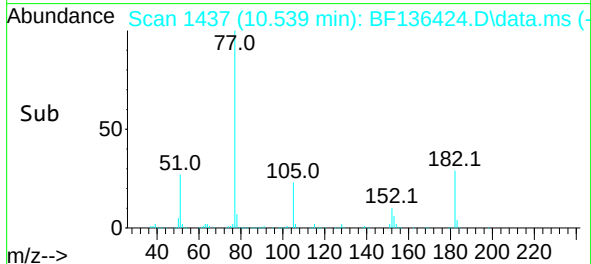
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



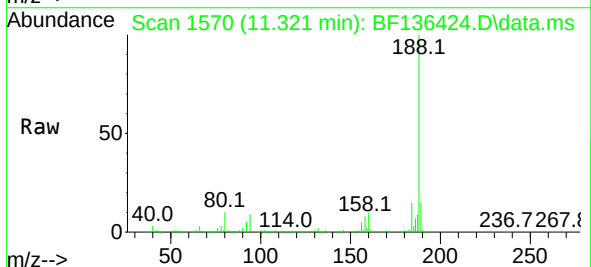
Tgt Ion: 77 Resp: 599818
Ion Ratio Lower Upper
77 100
182 29.2 10.8 50.8
105 23.0 2.6 42.6
51 26.6 6.2 46.2

Manual Integrations
APPROVED

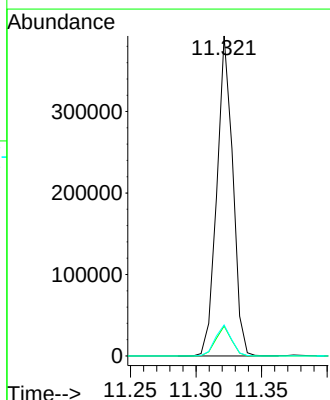
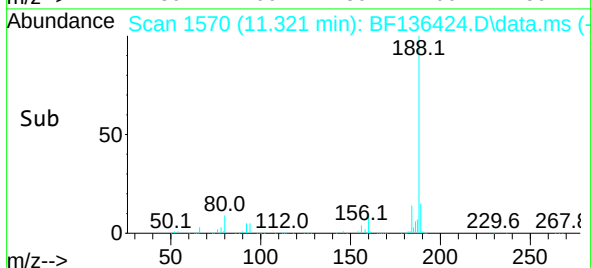
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

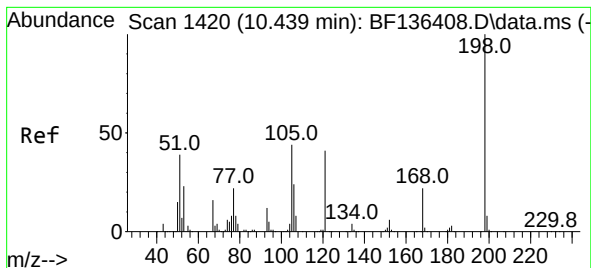


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



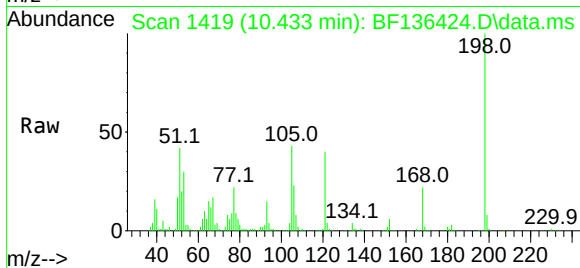
Tgt Ion:188 Resp: 331633
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.7 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.555 ng
RT: 10.433 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

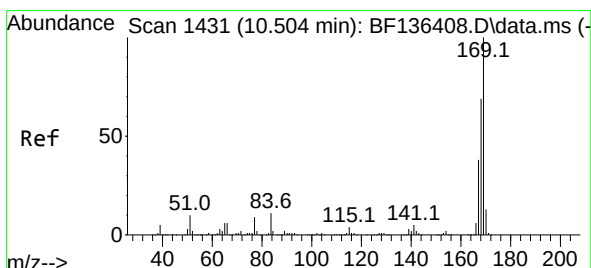
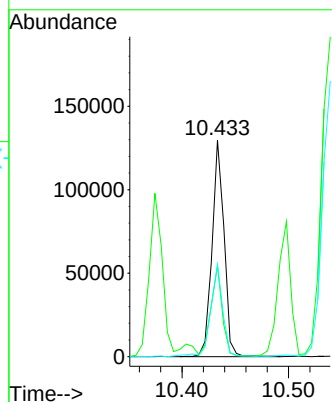
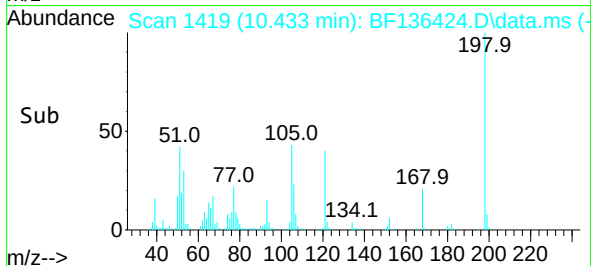
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:198 Resp: 101779
Ion Ratio Lower Upper
198 100
51 42.1 24.1 64.1
105 42.6 24.8 64.8

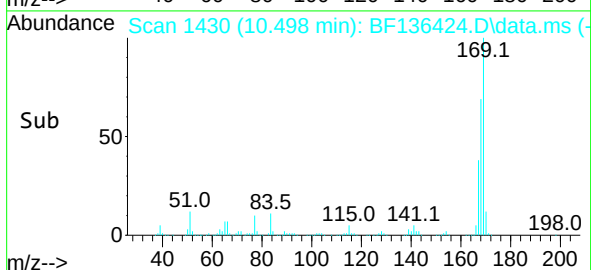
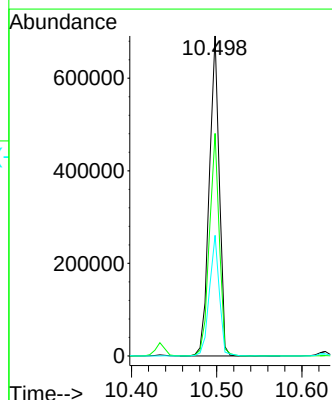
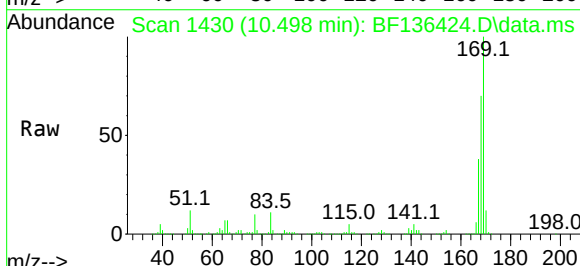
Manual Integrations
APPROVED

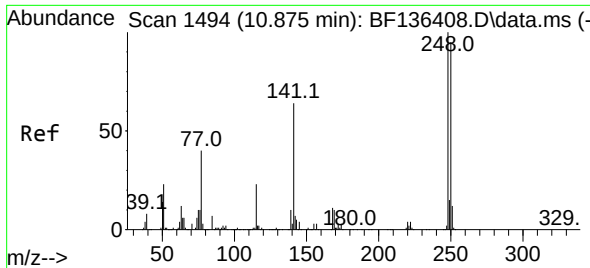
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 53.214 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

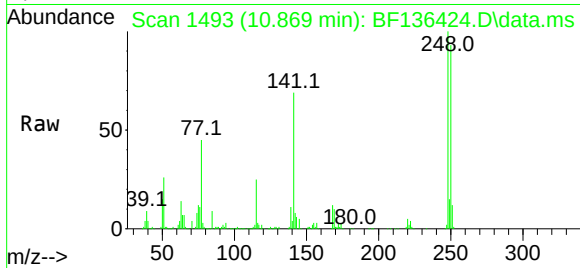
Tgt Ion:169 Resp: 566277
Ion Ratio Lower Upper
169 100
168 69.5 55.3 82.9
167 37.7 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 51.669 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

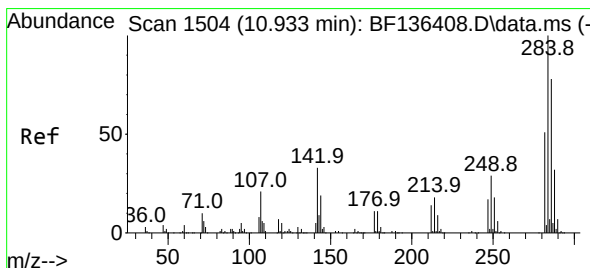
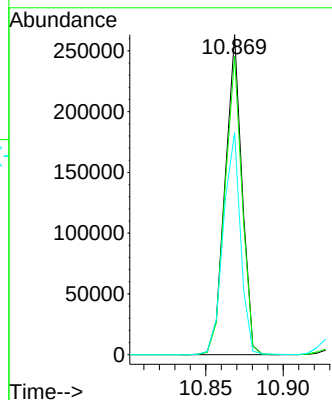
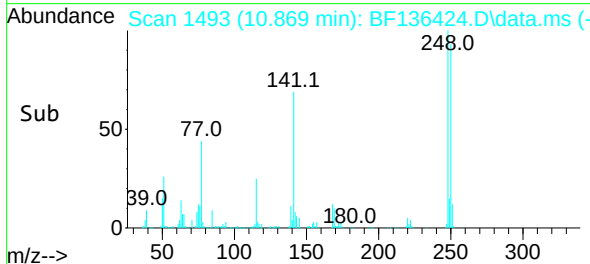
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



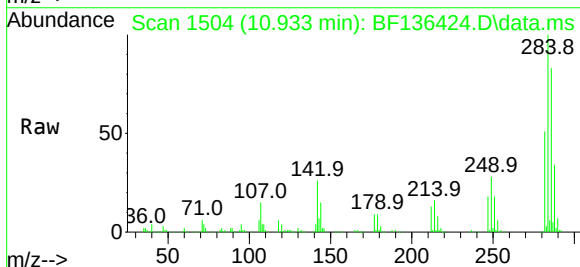
Tgt Ion:248 Resp: 19922
Ion Ratio Lower Upper
248 100
250 93.2 76.2 114.2
141 69.4 51.0 76.4

Manual Integrations
APPROVED

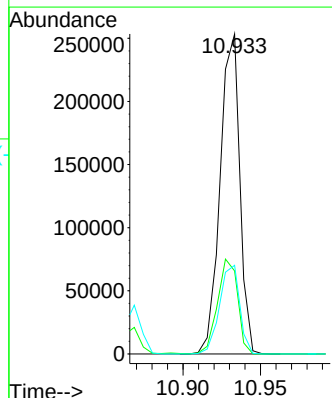
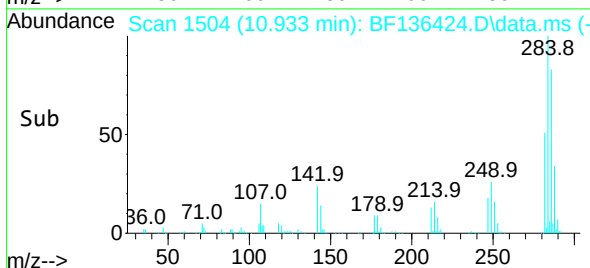
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

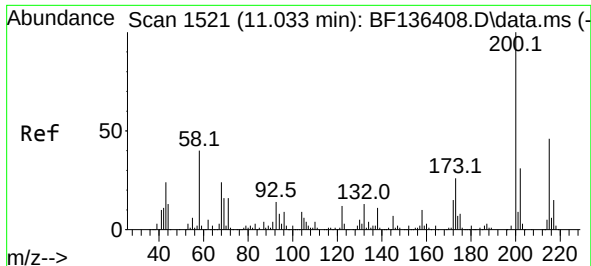


#68
Hexachlorobenzene
Concen: 50.165 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion:284 Resp: 223554
Ion Ratio Lower Upper
284 100
142 26.0 26.5 39.7#
249 27.7 23.4 35.0





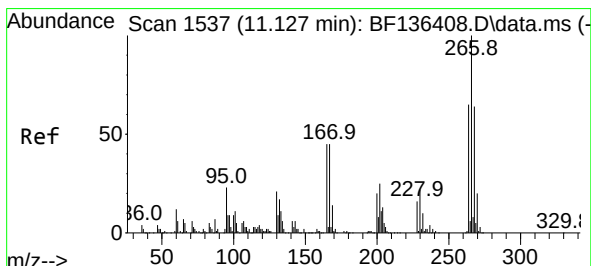
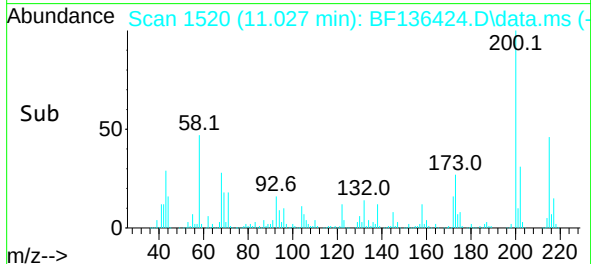
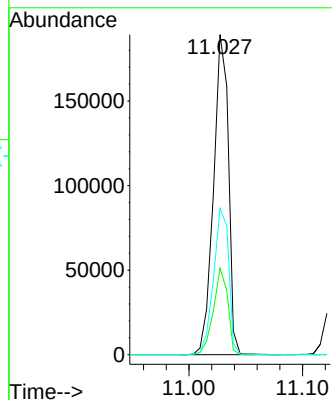
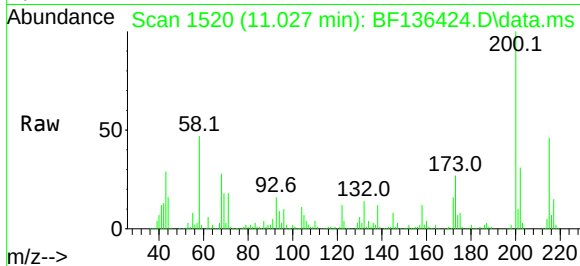
#69
Atrazine
Concen: 56.860 ng
RT: 11.027 min Scan# 11027
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:200 Resp: 172697
Ion Ratio Lower Upper
200 100
173 27.0 6.0 46.0
215 45.8 25.5 65.5

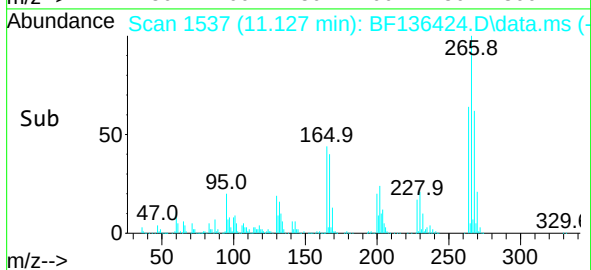
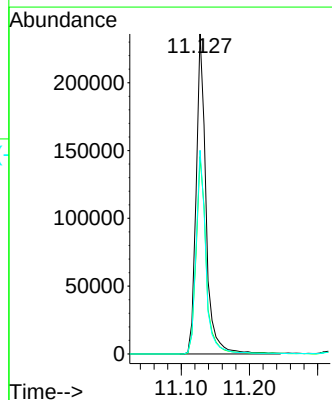
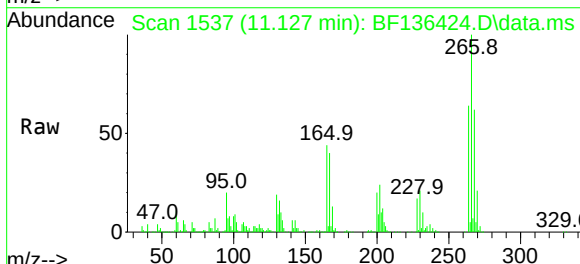
Manual Integrations
APPROVED

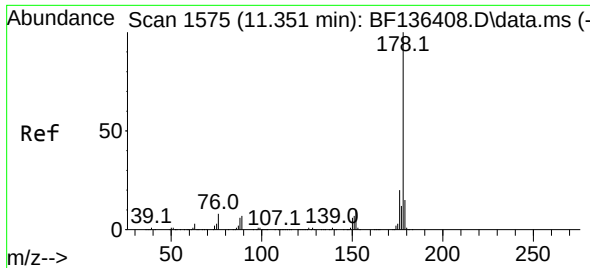
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#70
Pentachlorophenol
Concen: 94.044 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

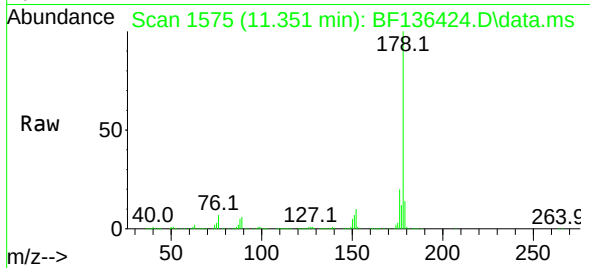
Tgt Ion:266 Resp: 236530
Ion Ratio Lower Upper
266 100
268 61.7 51.0 76.6
264 63.6 52.2 78.4





#71
Phenanthrene
Concen: 51.560 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

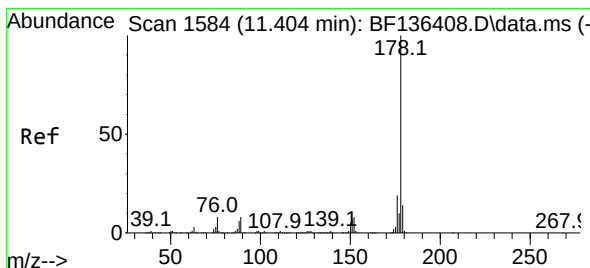
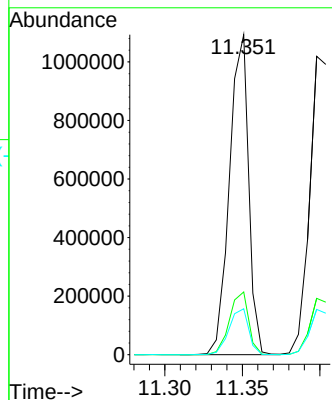
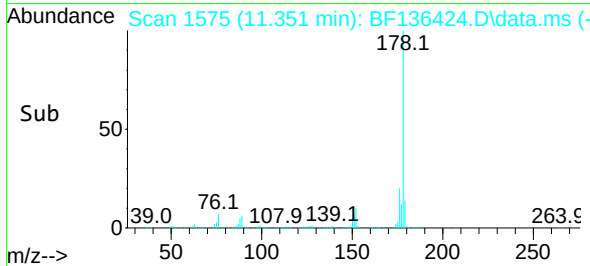
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



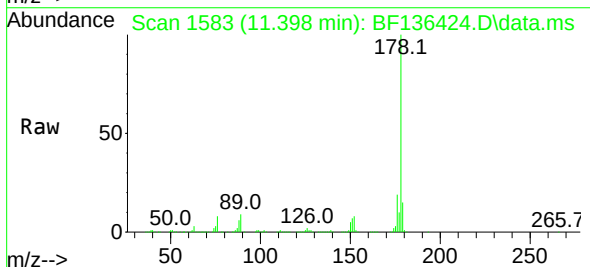
Tgt Ion:178 Resp: 939835
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 14.3 11.8 17.6

Manual Integrations
APPROVED

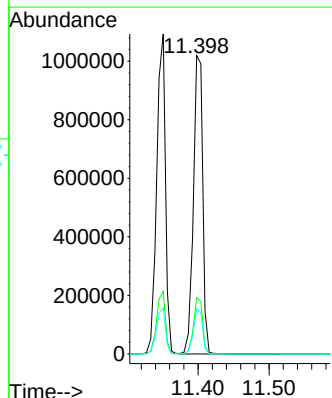
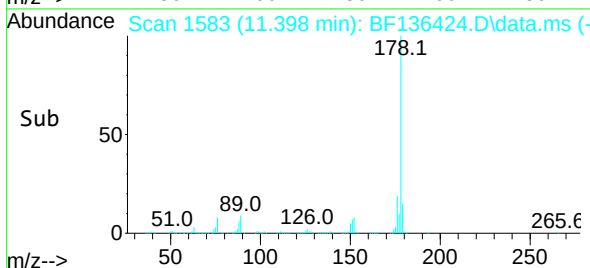
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

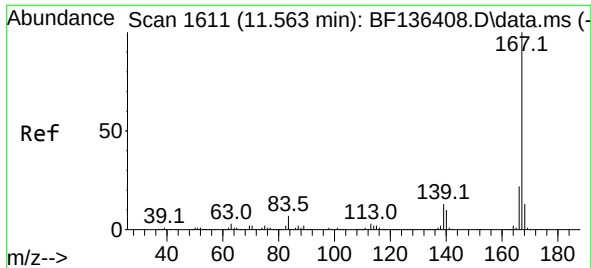


#72
Anthracene
Concen: 50.865 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



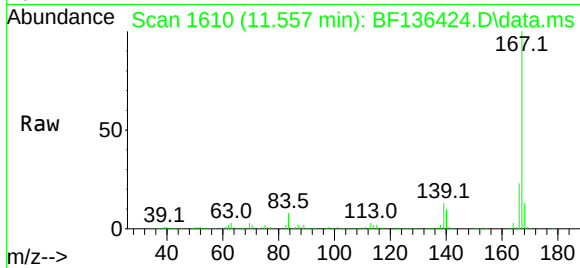
Tgt Ion:178 Resp: 933857
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 11.4 17.0





#73
 Carbazole
 Concen: 46.382 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136424.D
 Acq: 06 Dec 2023 12:58

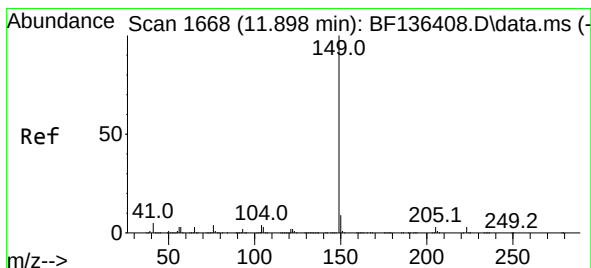
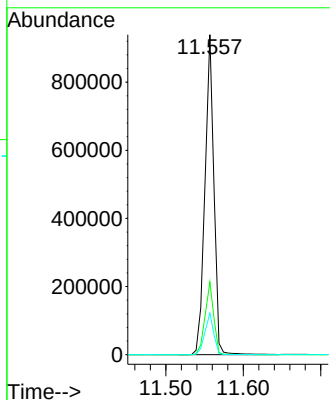
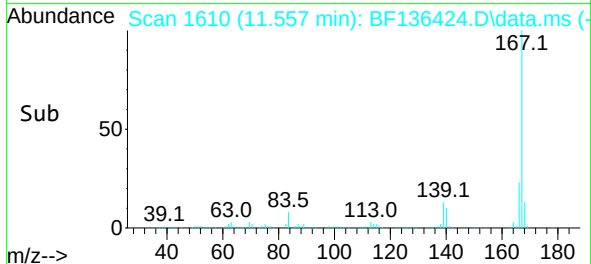
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



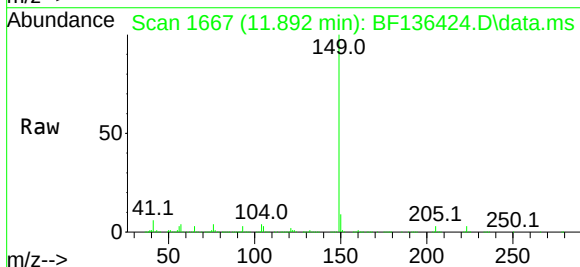
Tgt Ion:167 Resp: 753690
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.0 10.2 15.4

Manual Integrations
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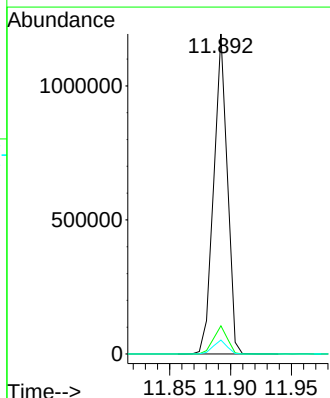
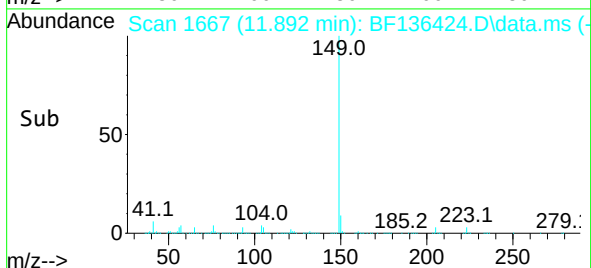
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

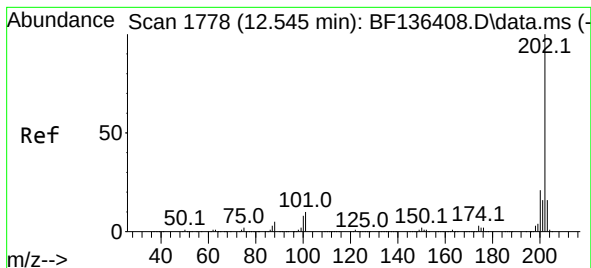


#74
 Di-n-butylphthalate
 Concen: 46.508 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136424.D
 Acq: 06 Dec 2023 12:58



Tgt Ion:149 Resp: 926462
 Ion Ratio Lower Upper
 149 100
 150 8.8 6.9 10.3
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 43.198 ng

RT: 12.539 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:202 Resp: 82516

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.9

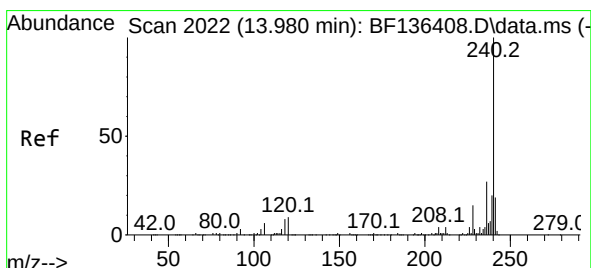
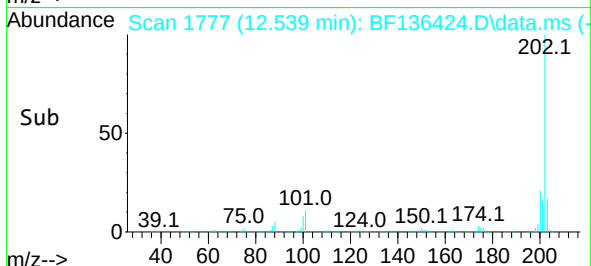
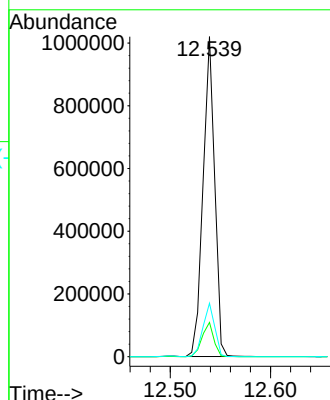
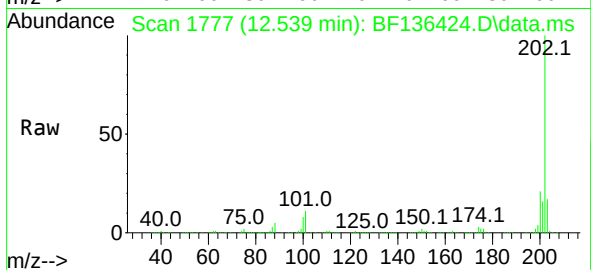
203 16.7 0.0 36.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

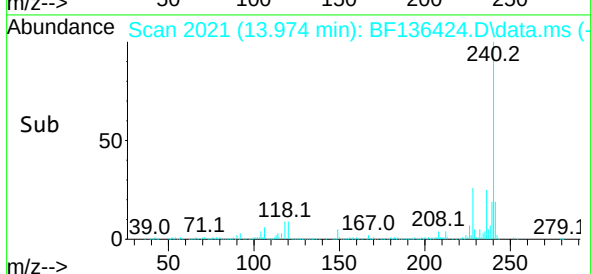
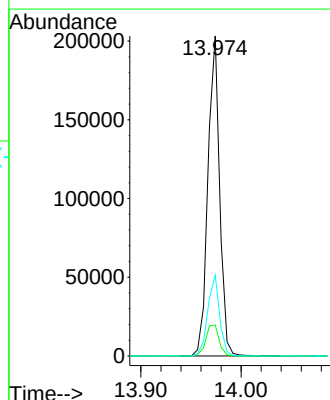
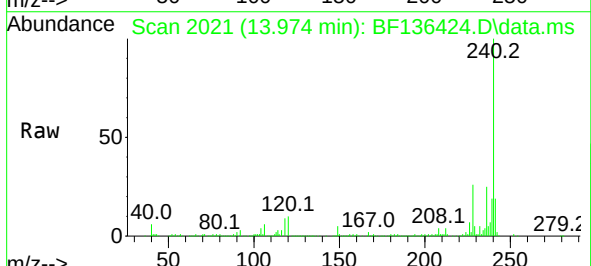
Tgt Ion:240 Resp: 166120

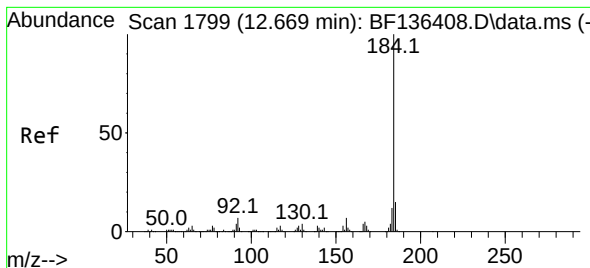
Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 25.2 21.3 31.9





#77

Benzidine

Concen: 11.470 ng

RT: 12.663 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

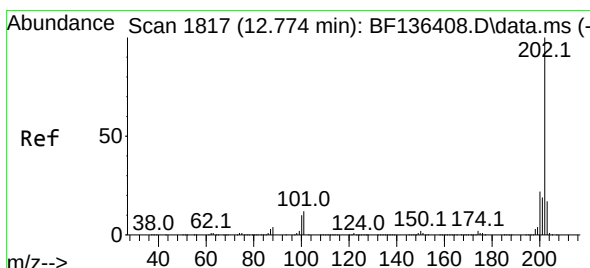
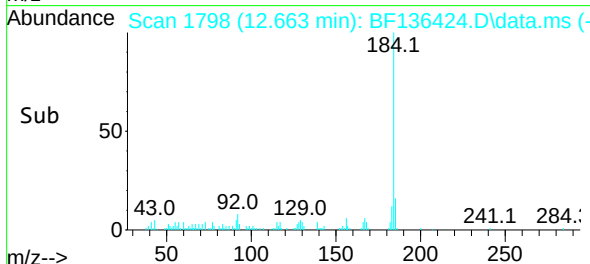
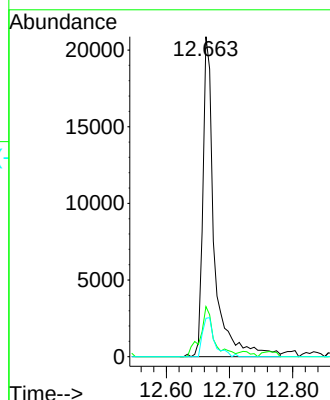
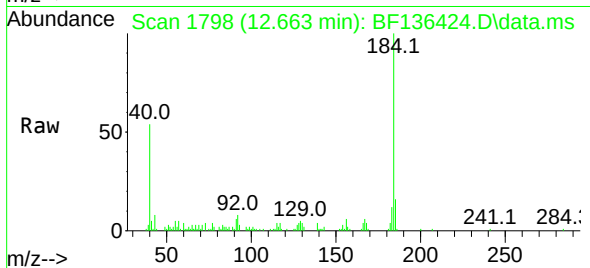
WC-1MSD

Tgt Ion:184	Resp:	2632
Ion Ratio	Lower	Upper
184	100	
185	15.7	12.0 18.0
183	12.0	9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#78

Pyrene

Concen: 49.948 ng

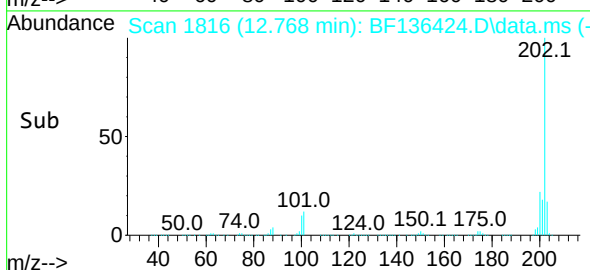
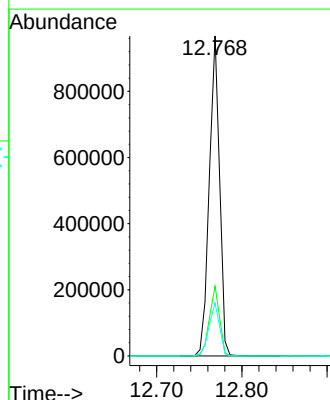
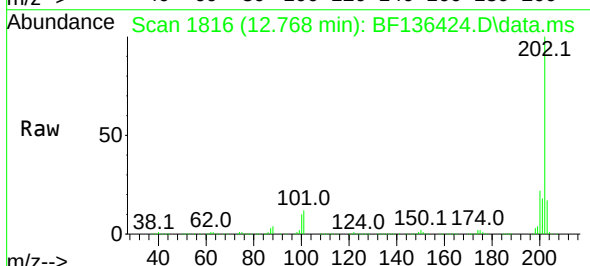
RT: 12.768 min Scan# 1816

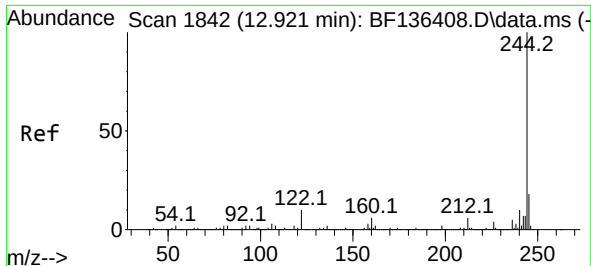
Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

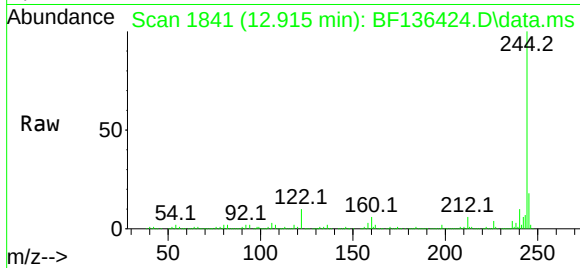
Tgt Ion:202	Resp:	812610
Ion Ratio	Lower	Upper
202	100	
200	21.8	18.0 27.0
203	16.5	13.5 20.3





#79
 Terphenyl-d14
 Concen: 95.838 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136424.D
 Acq: 06 Dec 2023 12:58

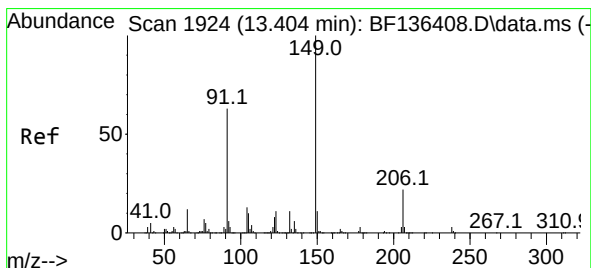
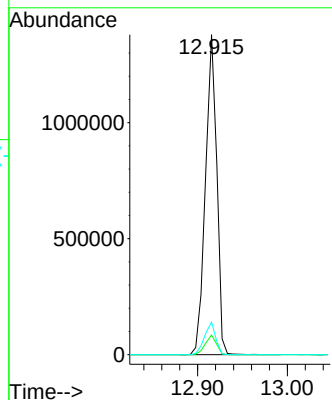
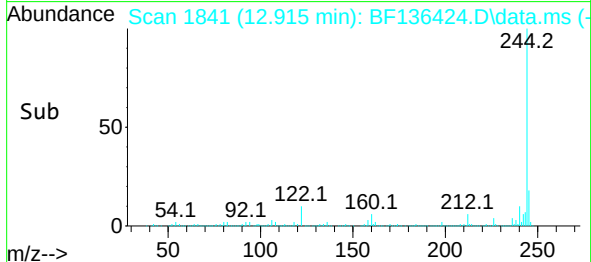
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



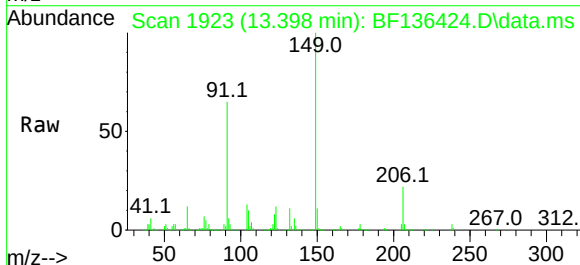
Tgt Ion:244 Resp: 1207890
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.1 8.3 12.5

Manual Integrations
 APPROVED

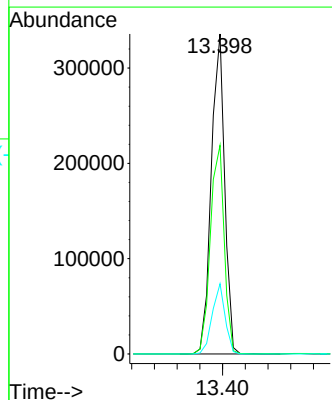
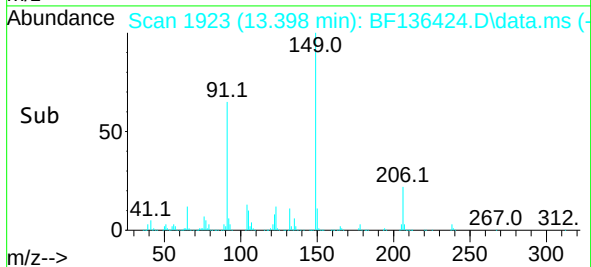
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

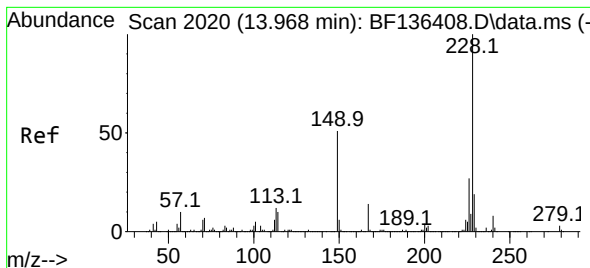


#80
 Butylbenzylphthalate
 Concen: 47.269 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136424.D
 Acq: 06 Dec 2023 12:58



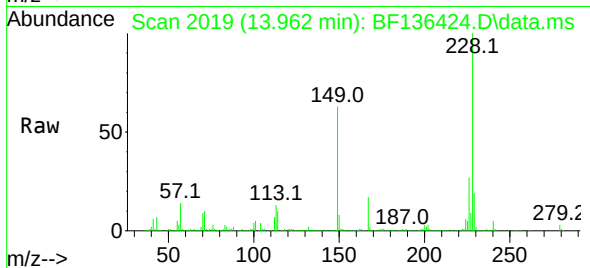
Tgt Ion:149 Resp: 273762
 Ion Ratio Lower Upper
 149 100
 91 65.2 50.5 75.7
 206 22.0 17.4 26.2





#81
Benzo(a)anthracene
Concen: 50.969 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

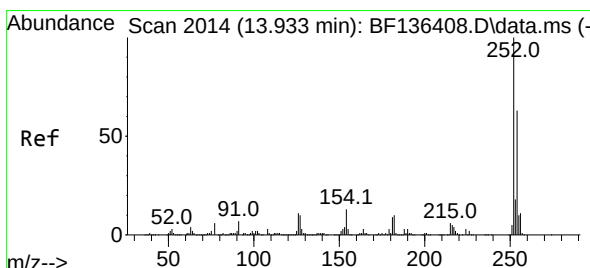
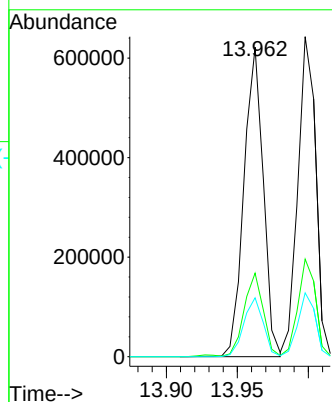
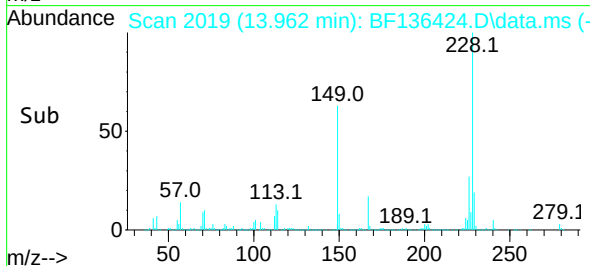
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



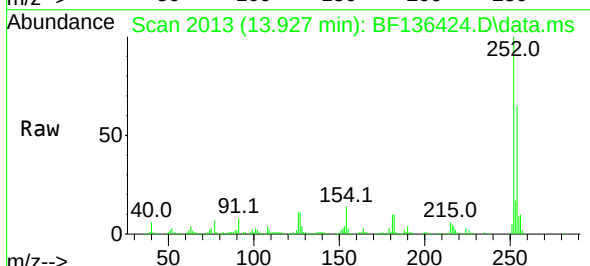
Tgt Ion:228 Resp: 589782
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.0 15.0 22.4

Manual Integrations
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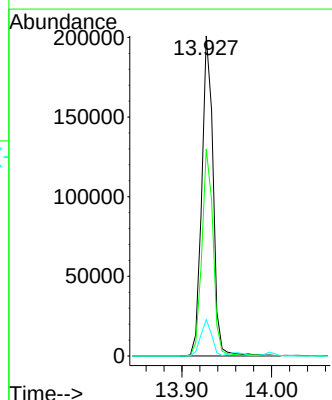
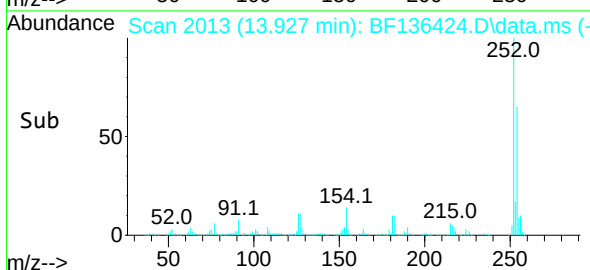
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

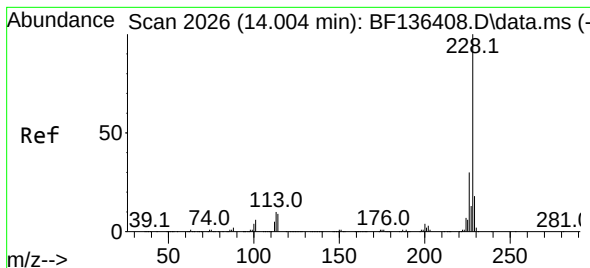


#82
3,3'-Dichlorobenzidine
Concen: 54.417 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion:252 Resp: 176549
Ion Ratio Lower Upper
252 100
254 64.7 50.8 76.2
126 11.3 8.6 12.8





#83

Chrysene

Concen: 49.777 ng

RT: 13.998 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:228 Resp: 566688

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

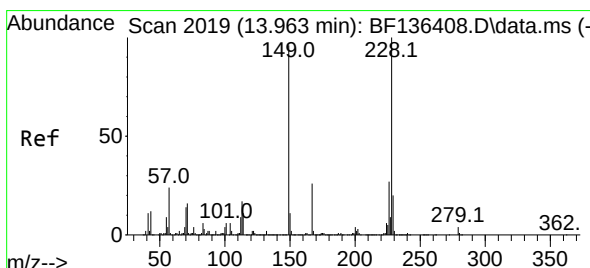
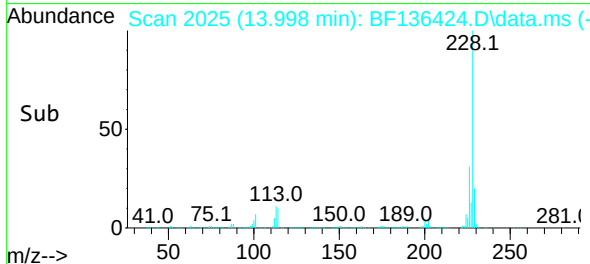
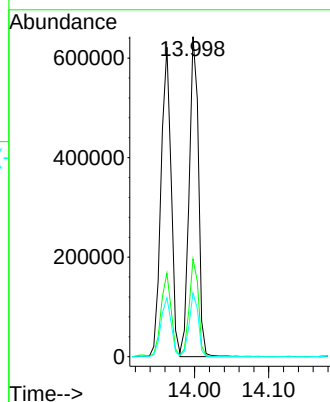
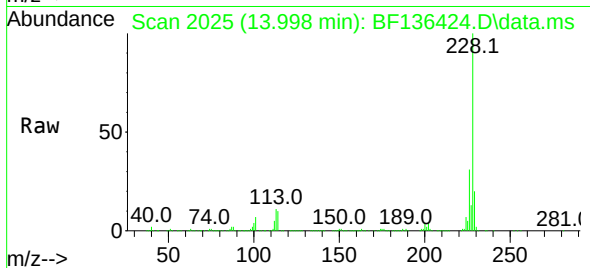
229 19.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.557 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

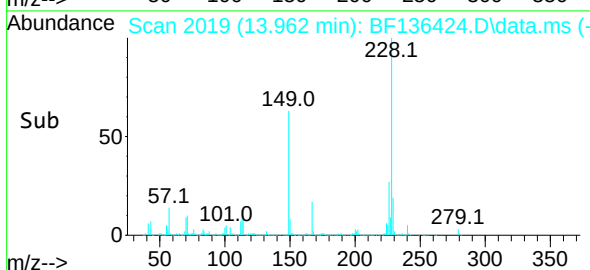
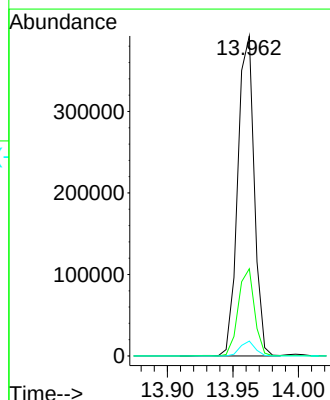
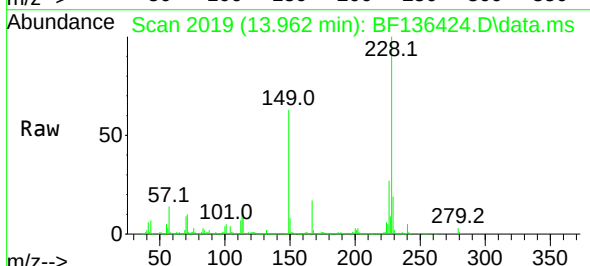
Tgt Ion:149 Resp: 344751

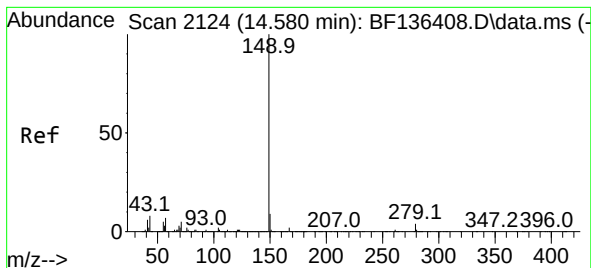
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.798 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:149 Resp: 54321

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

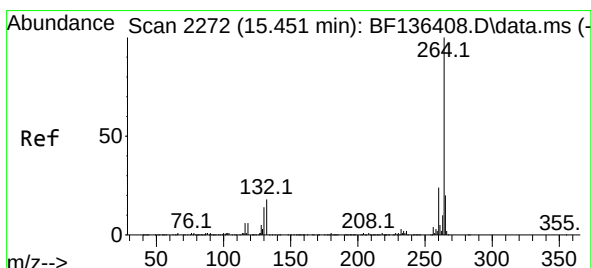
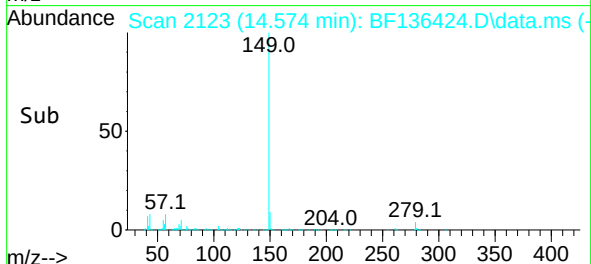
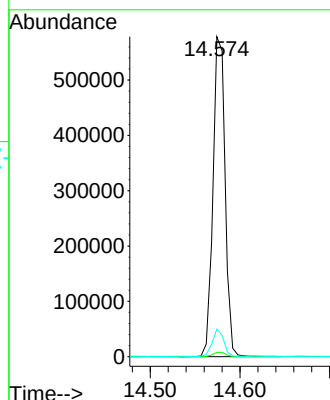
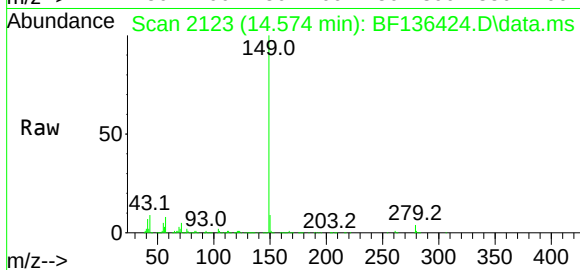
43 8.0 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

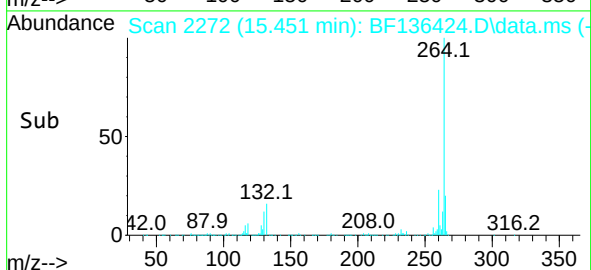
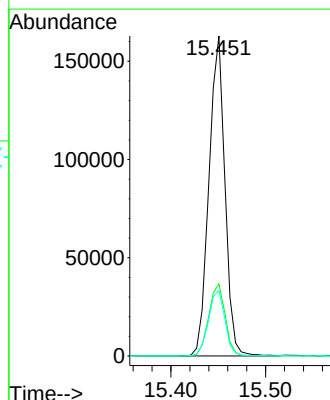
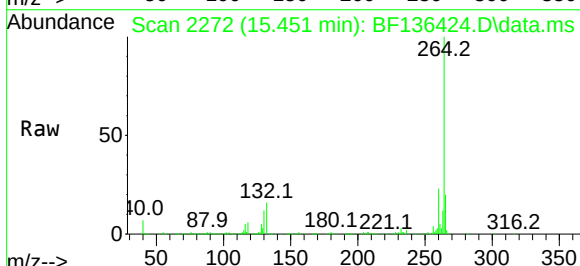
Tgt Ion:264 Resp: 190655

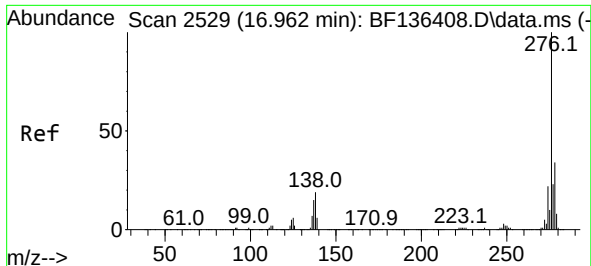
Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

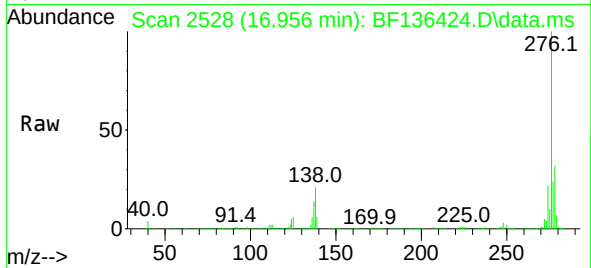
265 20.5 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.832 ng
RT: 16.956 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

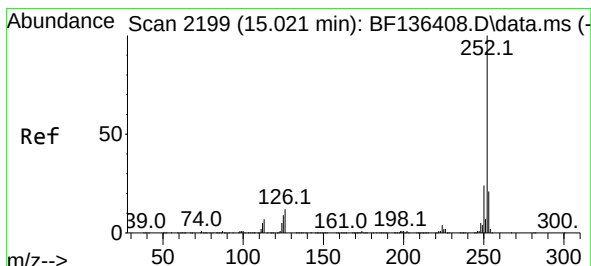
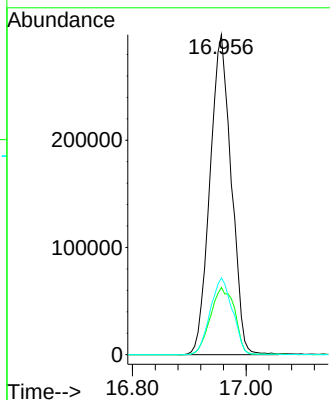
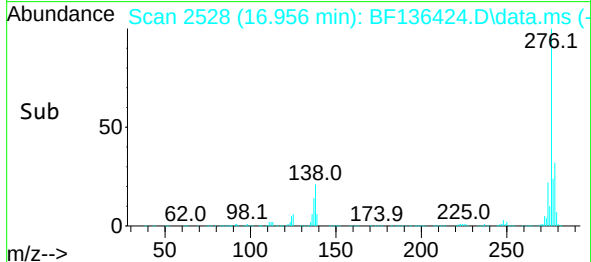
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



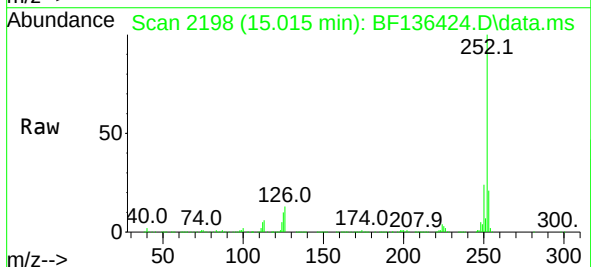
Tgt Ion: 276 Resp: 779240
Ion Ratio Lower Upper
276 100
138 23.9 19.0 28.4
277 25.2 20.0 30.0

Manual Integrations
APPROVED

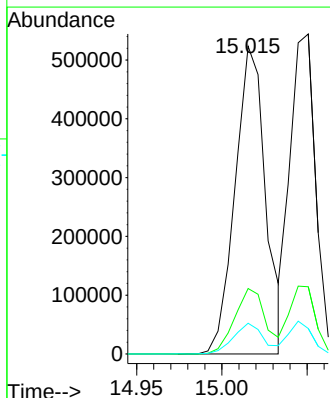
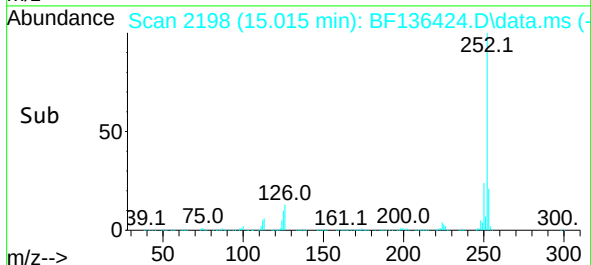
Reviewed By : Yogesh Patel 12/07/2023
Supervised By : mohammad ahmed 12/07/2023

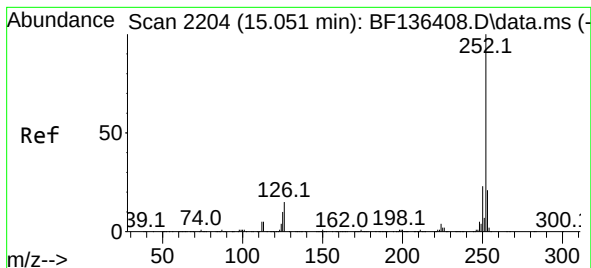


#88
Benzo(b)fluoranthene
Concen: 50.151 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion: 252 Resp: 653747
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.284 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:252 Resp: 56858

Ion Ratio Lower Upper

252 100

253 21.0 16.9 25.3

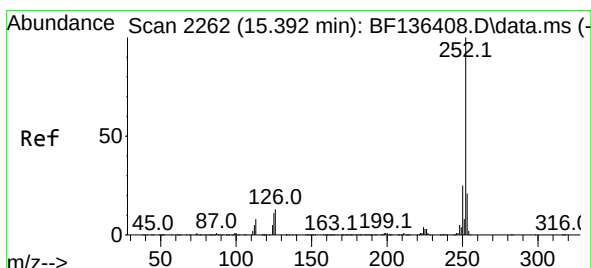
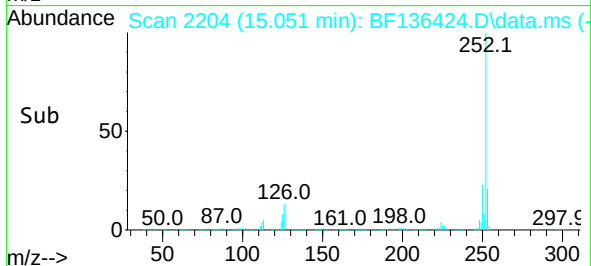
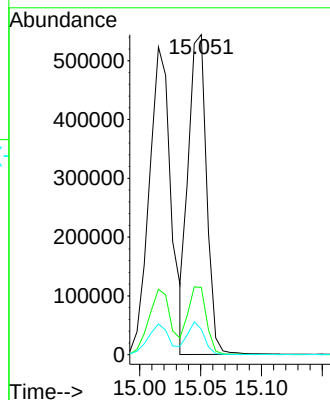
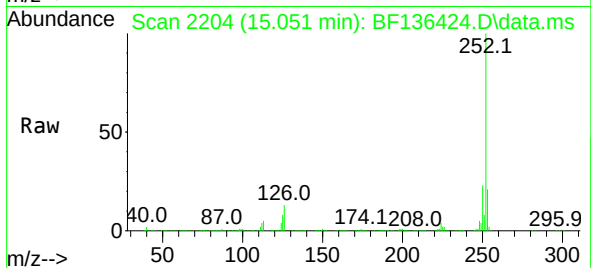
125 8.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#90

Benzo(a)pyrene

Concen: 53.357 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF136424.D

Acq: 06 Dec 2023 12:58

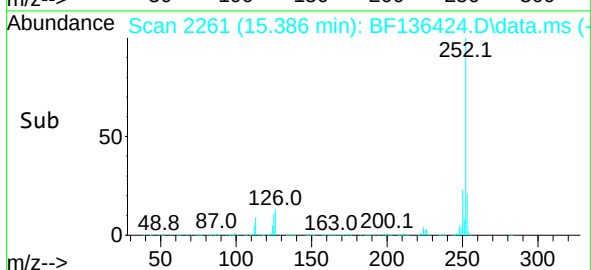
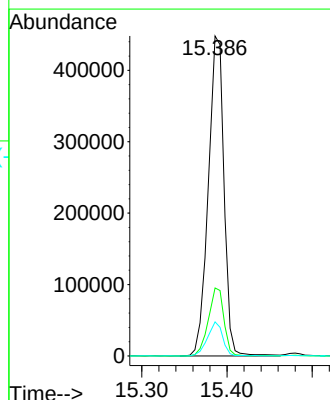
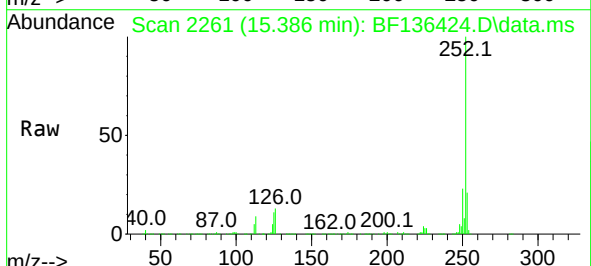
Tgt Ion:252 Resp: 574410

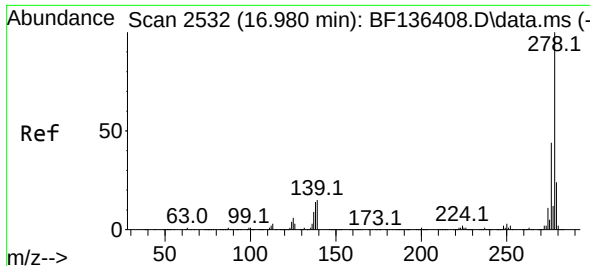
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

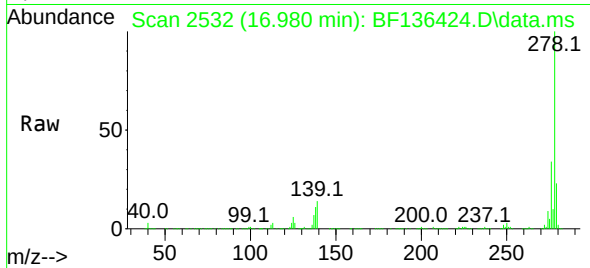
125 10.7 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 59.632 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58

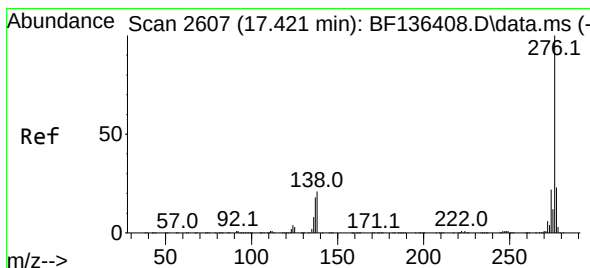
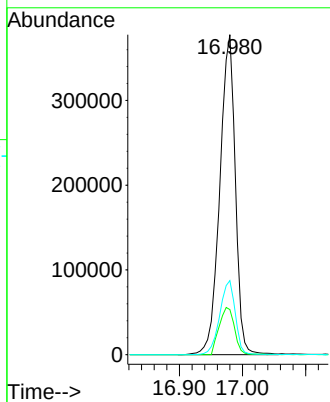
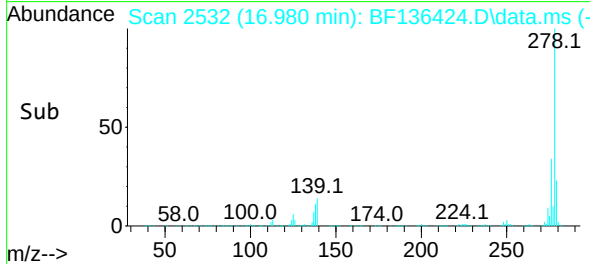
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



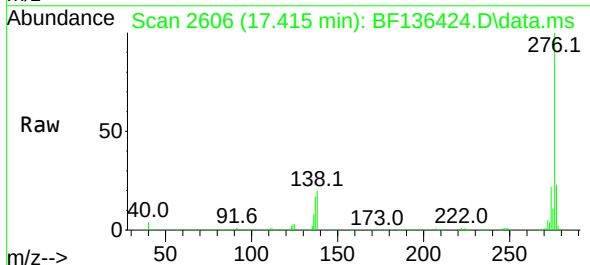
Tgt Ion:278 Resp: 647063
Ion Ratio Lower Upper
278 100
139 14.1 12.2 18.4
279 23.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#92
Benzo(g,h,i)perylene
Concen: 56.202 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136424.D
Acq: 06 Dec 2023 12:58



Tgt Ion:276 Resp: 625948
Ion Ratio Lower Upper
276 100
277 22.8 18.7 28.1
138 19.7 16.6 25.0

