

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136248.D
 Acq On : 28 Nov 2023 14:36
 Operator : CG\JU
 Sample : PB157197BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157197BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 28 15:04:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	139208	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	579681	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293186	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	524234	20.000	ng	0.00
76) Chrysene-d12	13.986	240	249649	20.000	ng	0.00
86) Perylene-d12	15.463	264	260827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1346211	134.599	ng	0.01
7) Phenol-d6	6.445	99	1601255	128.042	ng	0.00
23) Nitrobenzene-d5	7.369	82	1004492	91.569	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	496946	138.640	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2111077	91.972	ng	0.00
79) Terphenyl-d14	12.933	244	2067556	95.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	151221	39.959	ng	98
3) Pyridine	3.440	79	366214	39.202	ng	98
4) n-Nitrosodimethylamine	3.404	42	213429	45.197	ng	98
6) Aniline	6.475	93	505428	42.760	ng	95
8) 2-Chlorophenol	6.593	128	529511	48.623	ng	94
9) Benzaldehyde	6.357	77	67910	9.743	ng	97
10) Phenol	6.457	94	644296	48.023	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	471520	47.907	ng	99
12) 1,3-Dichlorobenzene	6.745	146	559236	45.251	ng	97
13) 1,4-Dichlorobenzene	6.822	146	569480	45.328	ng	97
14) 1,2-Dichlorobenzene	6.975	146	532888	44.803	ng	97
15) Benzyl Alcohol	6.951	79	422178	48.150	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	636105	46.528	ng	99
17) 2-Methylphenol	7.063	107	414310	48.391	ng	98
18) Hexachloroethane	7.316	117	195418	44.344	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	355207	47.491	ng	99
20) 3+4-Methylphenols	7.216	107	511653	45.983	ng	95
22) Acetophenone	7.216	105	748096	49.138	ng	# 98
24) Nitrobenzene	7.387	77	525533	47.274	ng	99
25) Isophorone	7.628	82	966117	48.843	ng	98
26) 2-Nitrophenol	7.704	139	254765	53.787	ng	97
27) 2,4-Dimethylphenol	7.739	122	380494	61.033	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	583036	48.730	ng	100
29) 2,4-Dichlorophenol	7.939	162	428099	50.910	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	486813	47.285	ng	98
31) Naphthalene	8.104	128	1564646	48.021	ng	99
32) Benzoic acid	7.875	122	290444	51.119	ng	94
33) 4-Chloroaniline	8.157	127	268792	24.269	ng	97
34) Hexachlorobutadiene	8.222	225	271886	45.140	ng	99
35) Caprolactam	8.534	113	120291m	51.172	ng	
36) 4-Chloro-3-methylphenol	8.639	107	453186	49.691	ng	99
37) 2-Methylnaphthalene	8.798	142	965994	47.263	ng	100
38) 1-Methylnaphthalene	8.898	142	918646	46.074	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	467341	50.086	ng	98
41) Hexachlorocyclopentadiene	8.951	237	540804	150.629	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	310019	51.190	ng	98

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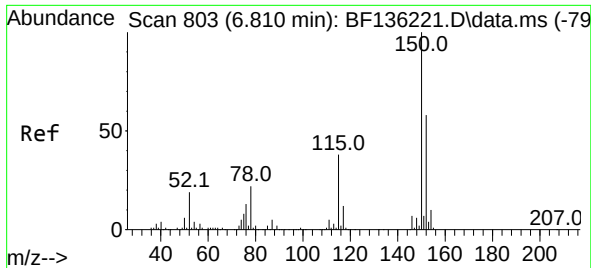
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	319975	48.414	ng	97
46) 1,1'-Biphenyl	9.263	154	1276693	49.380	ng	98
47) 2-Chloronaphthalene	9.286	162	964840	48.054	ng	97
48) 2-Nitroaniline	9.386	65	263003	50.171	ng	92
49) Acenaphthylene	9.704	152	1535294	53.582	ng	100
50) Dimethylphthalate	9.575	163	1104092	49.825	ng	99
51) 2,6-Dinitrotoluene	9.633	165	222985	49.256	ng	98
52) Acenaphthene	9.881	154	877085	48.438	ng	100
53) 3-Nitroaniline	9.798	138	152242	33.893	ng	98
54) 2,4-Dinitrophenol	9.910	184	237912	112.998	ng	89
55) Dibenzofuran	10.051	168	1327293	49.261	ng	99
56) 4-Nitrophenol	9.969	139	334572	98.069	ng	86
57) 2,4-Dinitrotoluene	10.039	165	308953	51.091	ng	98
58) Fluorene	10.392	166	1027343	48.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	269714	51.290	ng	99
60) Diethylphthalate	10.275	149	1077180	48.595	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	489365	47.679	ng	95
62) 4-Nitroaniline	10.422	138	202849	46.135	ng	99
63) Azobenzene	10.551	77	1003164	48.816	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	146988	51.273	ng	90
66) n-Nitrosodiphenylamine	10.510	169	887457	52.825	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	308399	50.425	ng	96
68) Hexachlorobenzene	10.939	284	355112	50.168	ng	# 91
69) Atrazine	11.045	200	287281	57.645	ng	98
70) Pentachlorophenol	11.139	266	396163	99.012	ng	97
71) Phenanthrene	11.363	178	1553958	52.740	ng	100
72) Anthracene	11.410	178	1559655	52.785	ng	99
73) Carbazole	11.569	167	1197333	47.645	ng	99
74) Di-n-butylphthalate	11.904	149	1619350	51.500	ng	100
75) Fluoranthene	12.551	202	1421279	47.516	ng	98
77) Benzidine	12.674	184	261295	63.672	ng	99
78) Pyrene	12.780	202	1403552	51.335	ng	99
80) Butylbenzylphthalate	13.410	149	447849	52.631	ng	97
81) Benzo(a)anthracene	13.974	228	964424	52.010	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	210168	47.085	ng	98
83) Chrysene	14.016	228	908129	50.722	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	556065	54.452	ng	99
85) Di-n-octyl phthalate	14.598	149	975550	57.656	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	957971	49.073	ng	100
88) Benzo(b)fluoranthene	15.033	252	879343	48.054	ng	100
89) Benzo(k)fluoranthene	15.063	252	880832	50.681	ng	99
90) Benzo(a)pyrene	15.404	252	771408	51.567	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	768652	49.059	ng	99
92) Benzo(g,h,i)perylene	17.433	276	738554	47.074	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

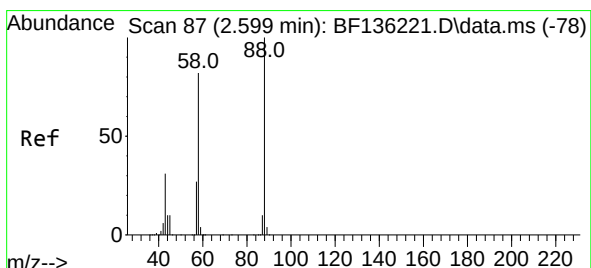
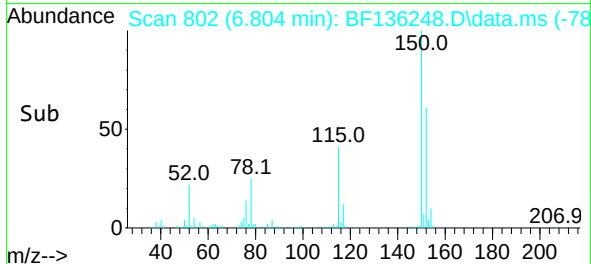
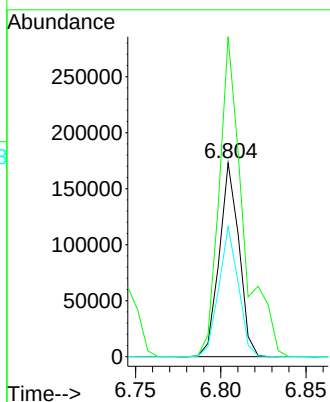
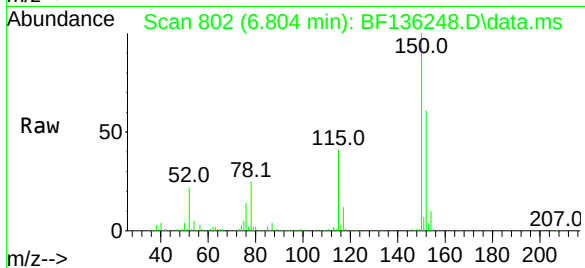
PB157197BS

Tgt Ion:152 Resp: 139208
Ion Ratio Lower Upper
152 100
150 165.1 137.8 206.8
115 67.2 52.7 79.1

Manual Integrations

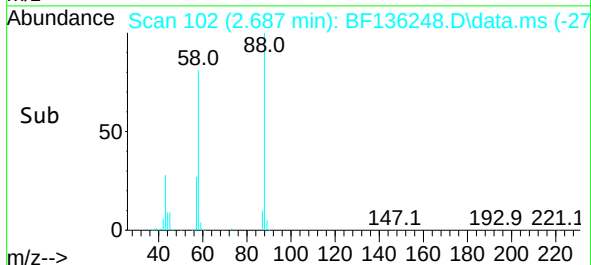
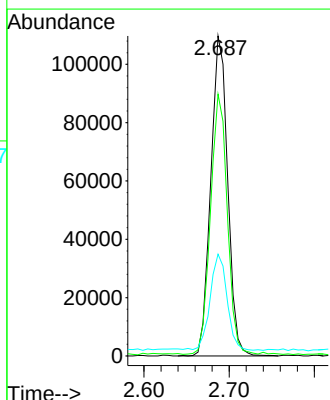
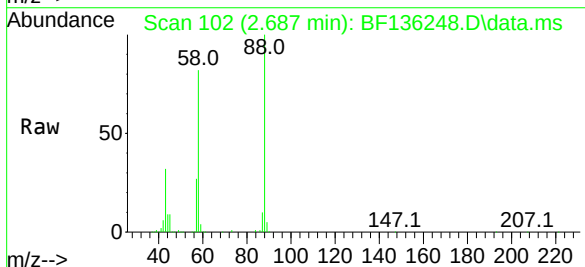
APPROVED

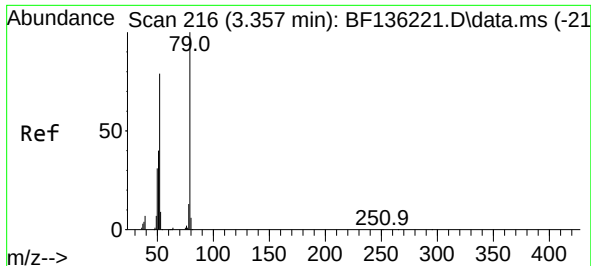
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 39.959 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.088 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

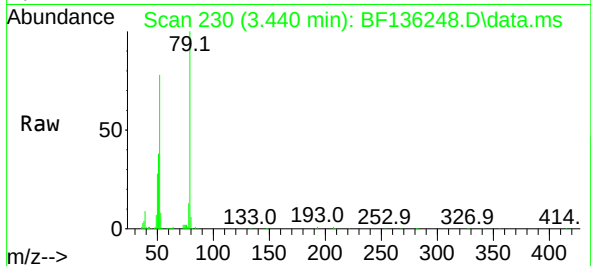
Tgt Ion: 88 Resp: 151221
Ion Ratio Lower Upper
88 100
58 80.7 65.9 98.9
43 30.1 24.8 37.2





#3
Pyridine
Concen: 39.202 ng
RT: 3.440 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

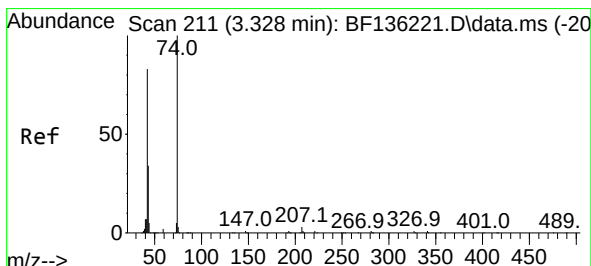
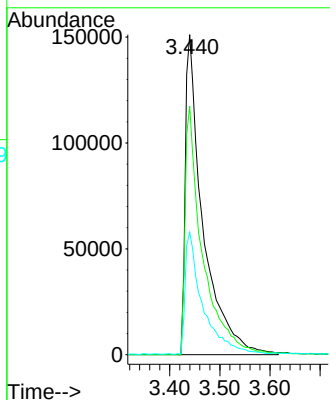
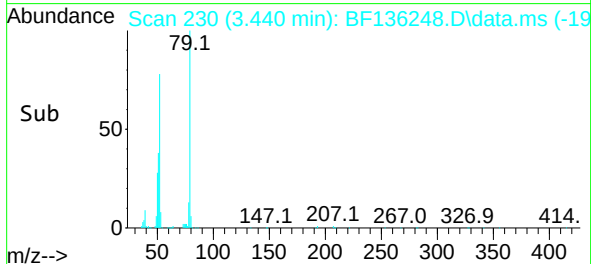
Instrument :
BNA_F
ClientSampleId :
PB157197BS



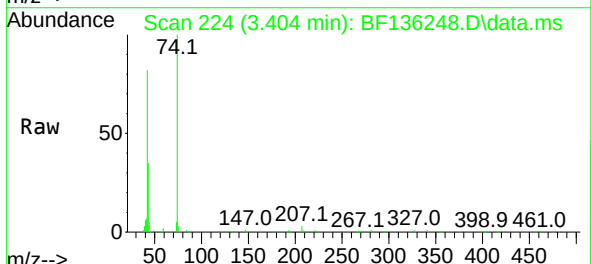
Tgt Ion: 79 Resp: 366214
Ion Ratio Lower Upper
79 100
52 77.6 63.2 94.8
51 38.2 32.6 49.0

Manual Integrations
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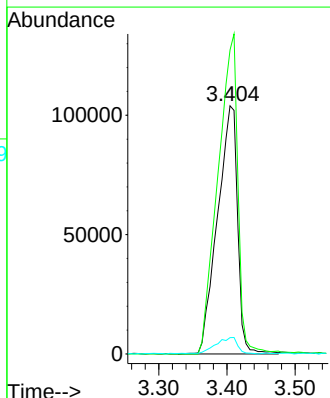
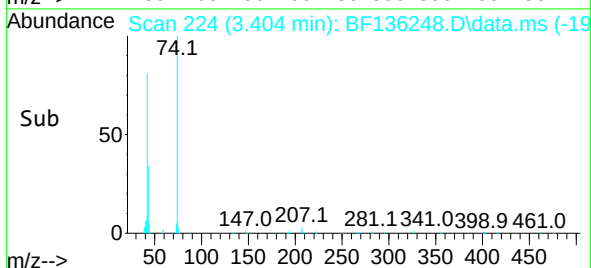
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

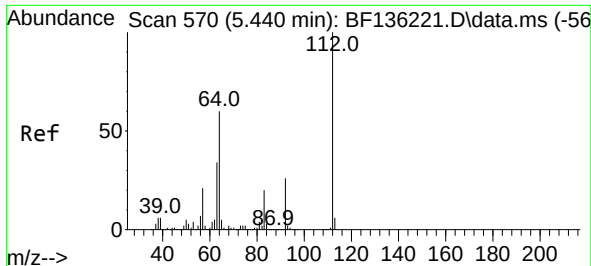


#4
n-Nitrosodimethylamine
Concen: 45.197 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.077 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion: 42 Resp: 213429
Ion Ratio Lower Upper
42 100
74 122.5 96.6 144.8
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 134.599 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

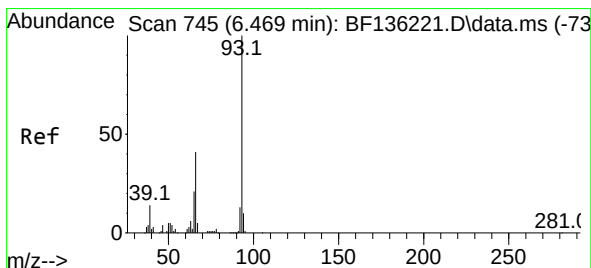
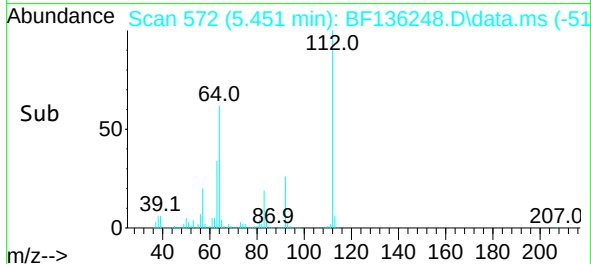
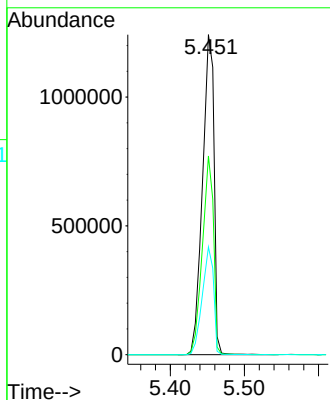
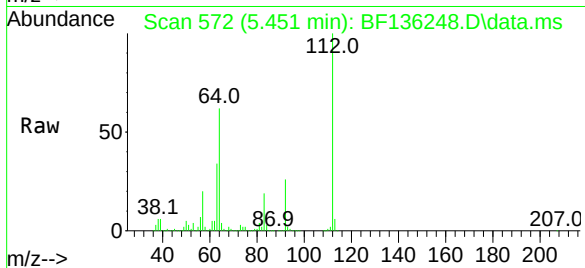
PB157197BS

Tgt Ion:112 Resp: 134621
Ion Ratio Lower Upper
112 100
64 62.1 48.2 72.4
63 33.7 27.0 40.6

Manual Integrations

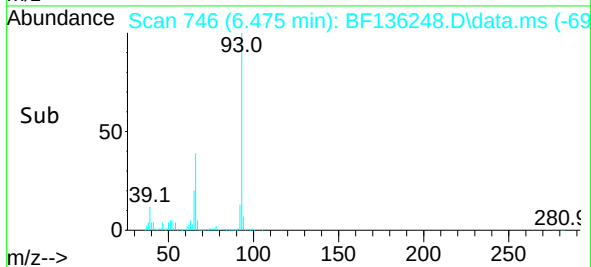
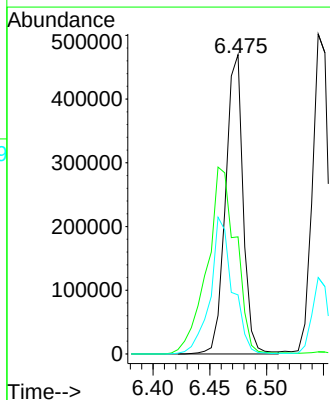
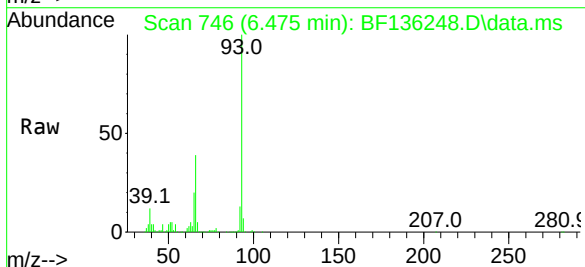
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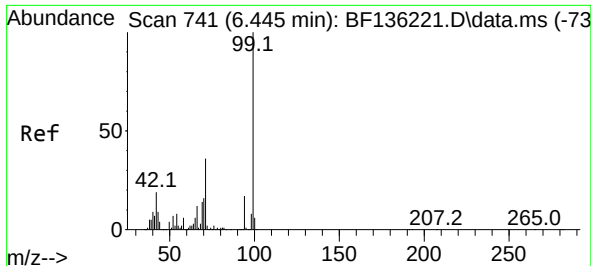
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 42.760 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

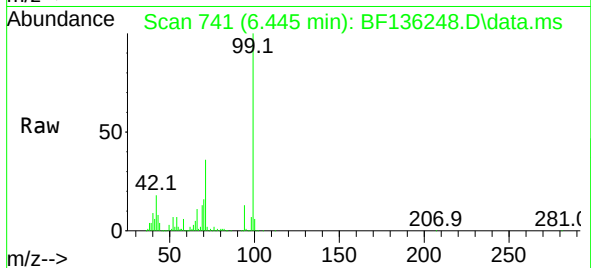
Tgt Ion: 93 Resp: 505428
Ion Ratio Lower Upper
93 100
66 39.1 34.1 51.1
65 19.7 17.3 25.9





#7
Phenol-d6
Concen: 128.042 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

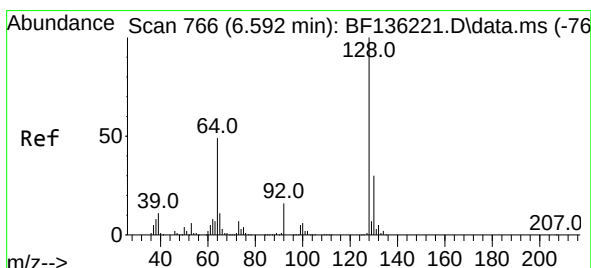
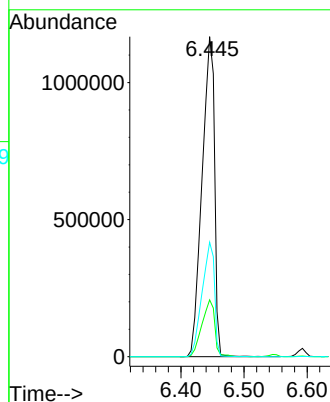
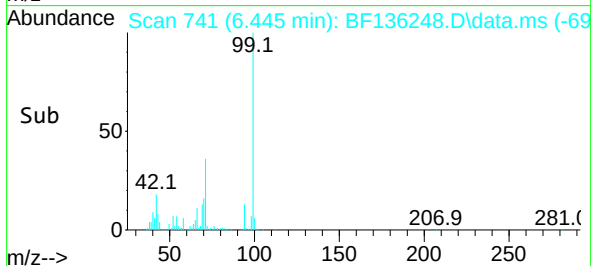
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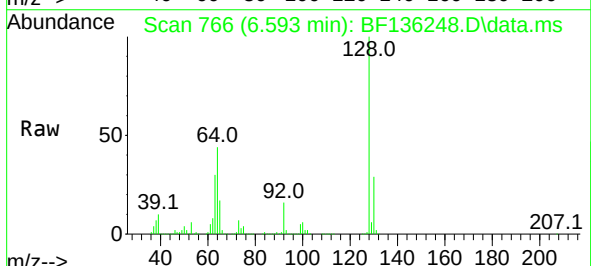
Tgt Ion: 99 Resp: 160125
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.6
71 35.8 28.9 43.3

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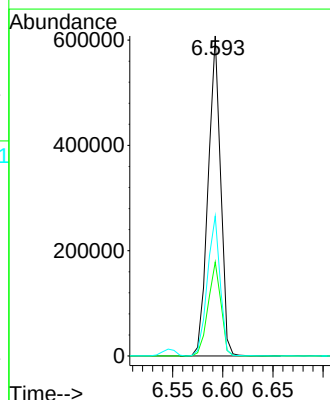
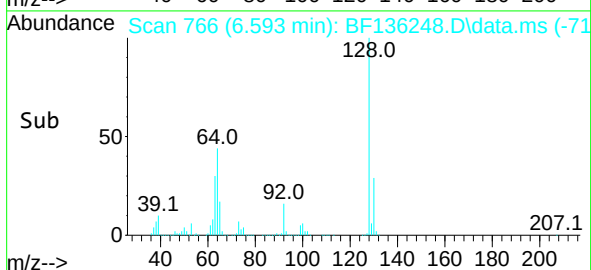
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

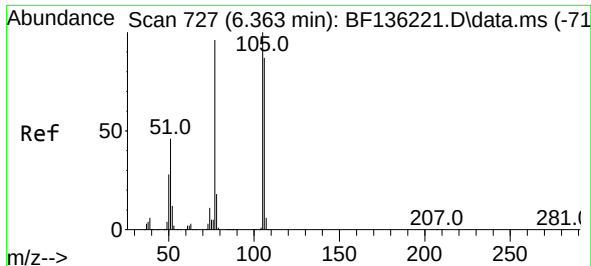


#8
2-Chlorophenol
Concen: 48.623 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:128 Resp: 529511
Ion Ratio Lower Upper
128 100
130 29.4 10.3 50.3
64 43.7 30.0 70.0





#9

Benzaldehyde

Concen: 9.743 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136248.D

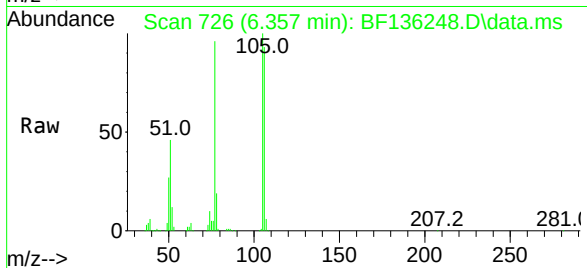
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



Tgt Ion: 77 Resp: 67910

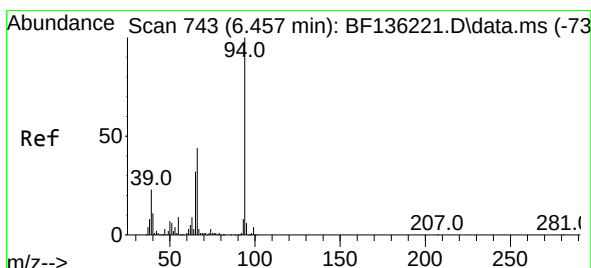
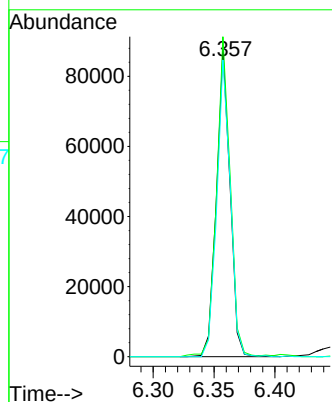
Ion	Ratio	Lower	Upper
77	100		
105	103.9	84.3	124.3
106	96.4	71.0	111.0

Manual Integrations

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Supervised By :mohammad ahmed 12/01/2023



#10

Phenol

Concen: 48.023 ng

RT: 6.457 min Scan# 743

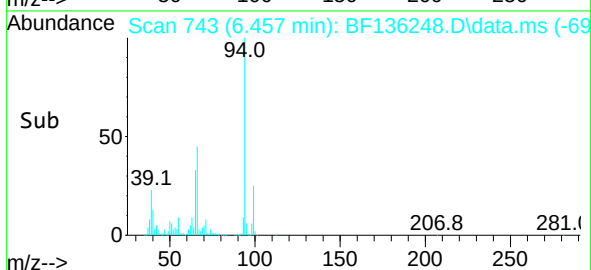
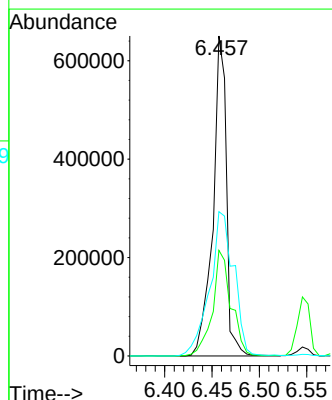
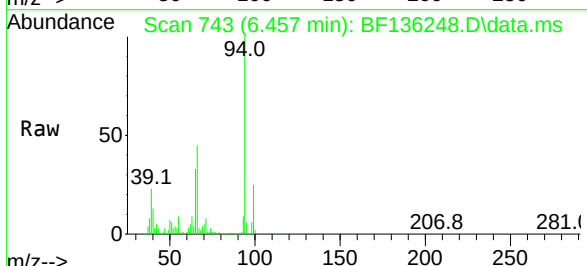
Delta R.T. 0.000 min

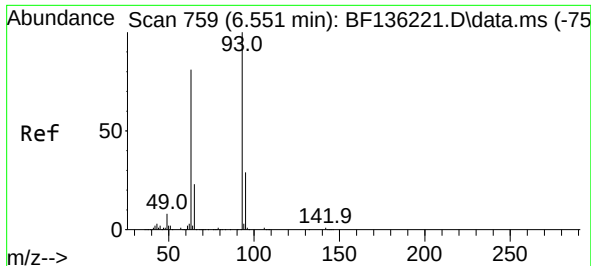
Lab File: BF136248.D

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Tgt Ion: 94 Resp: 644296

Ion	Ratio	Lower	Upper
94	100		
65	33.0	12.5	52.5
66	45.1	24.1	64.1





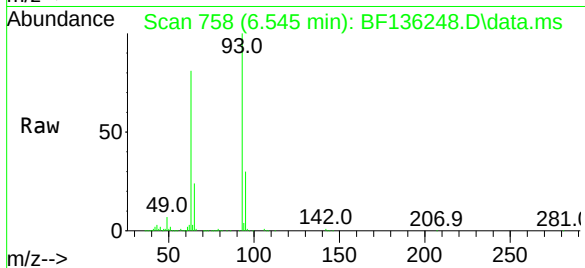
#11
bis(2-Chloroethyl)ether
Concen: 47.907 ng
RT: 6.545 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

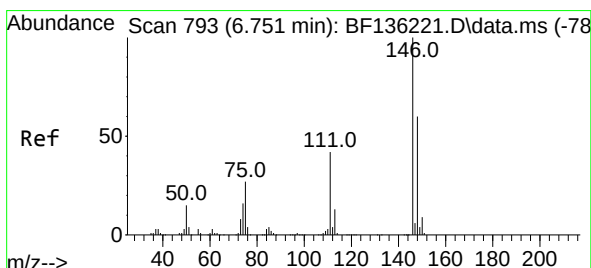
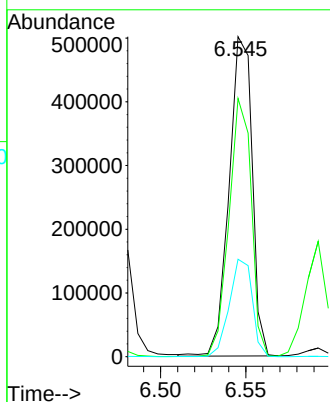
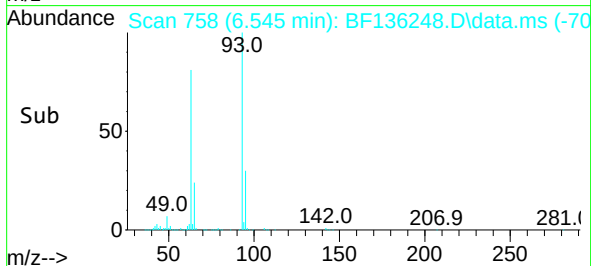


Tgt Ion: 93 Resp: 471520
Ion Ratio Lower Upper
93 100
63 80.7 60.2 100.2
95 30.4 9.1 49.1

Manual Integrations

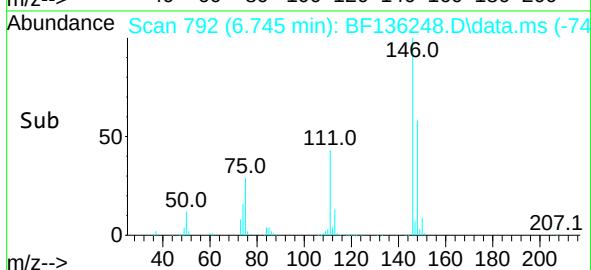
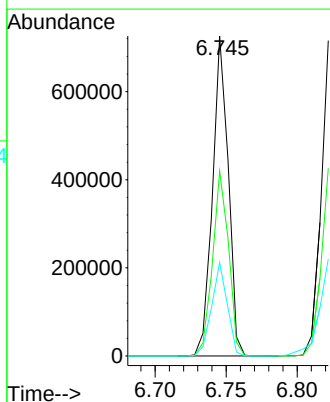
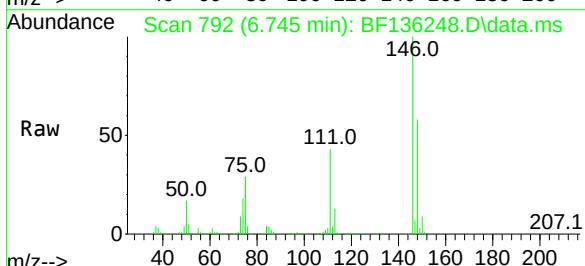
APPROVED

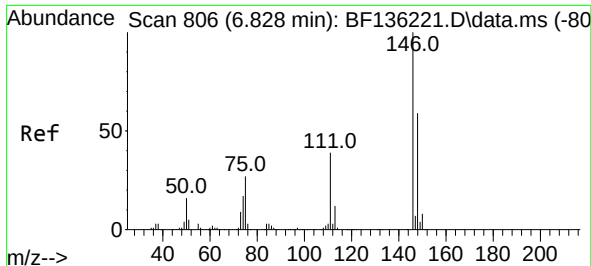
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 45.251 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:146 Resp: 559236
Ion Ratio Lower Upper
146 100
148 57.9 47.8 71.6
75 29.2 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 45.328 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:146 Resp: 569480

Ion Ratio Lower Upper

146 100

148 59.5 47.0 70.6

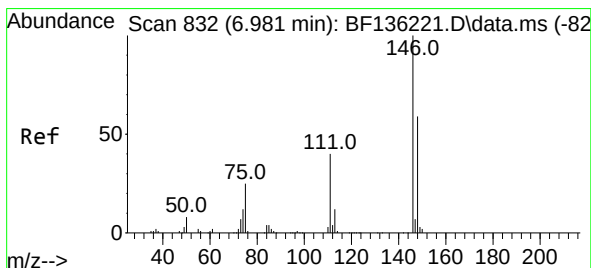
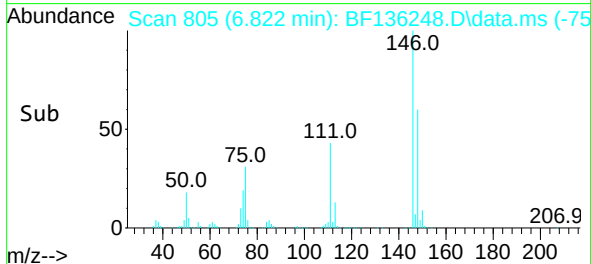
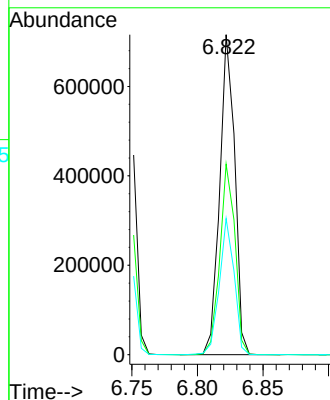
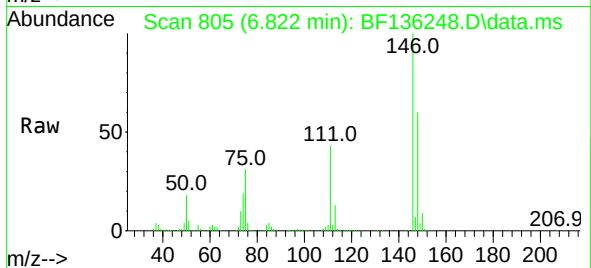
111 42.5 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 44.803 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

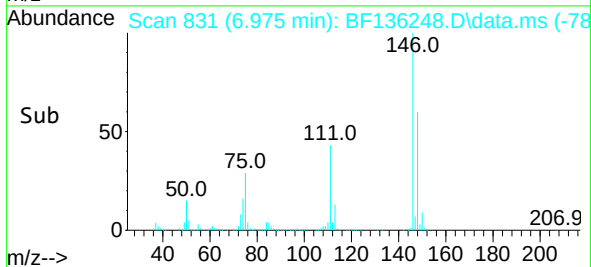
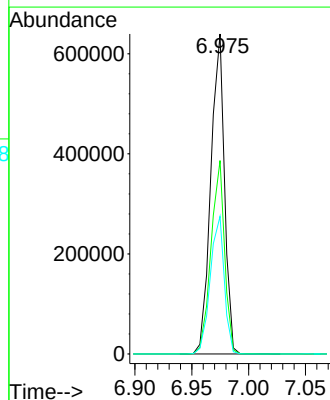
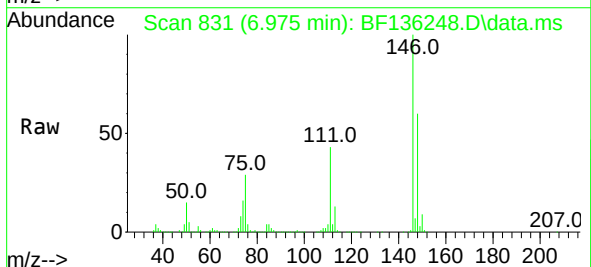
Tgt Ion:146 Resp: 532888

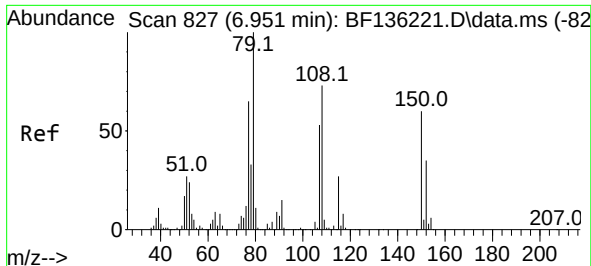
Ion Ratio Lower Upper

146 100

148 60.4 47.3 70.9

111 43.0 32.4 48.6





#15
Benzyl Alcohol
Concen: 48.150 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

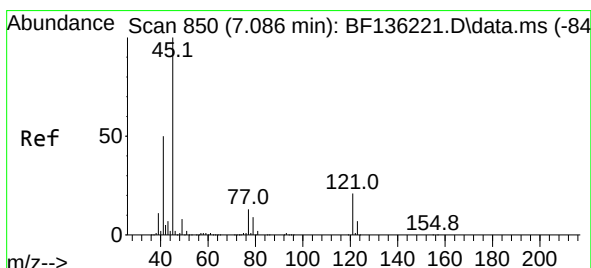
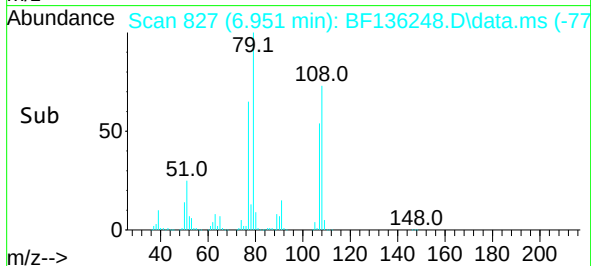
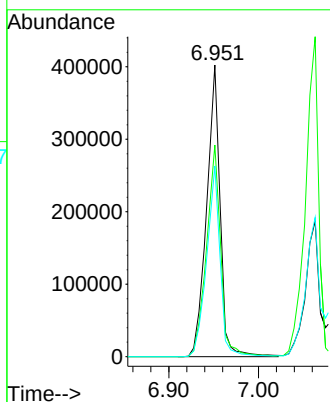
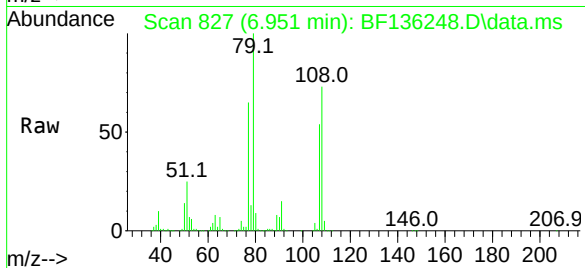
ClientSampleId :

PB157197BS

Tgt Ion: 79 Resp: 422178
Ion Ratio Lower Upper
79 100
108 72.6 58.1 87.1
77 65.4 51.8 77.8

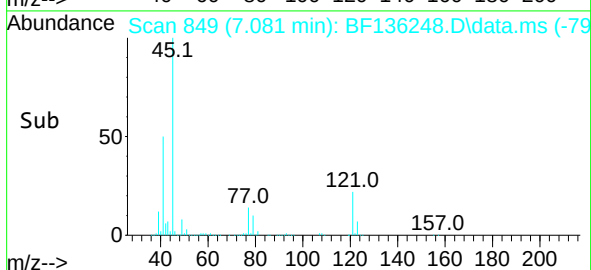
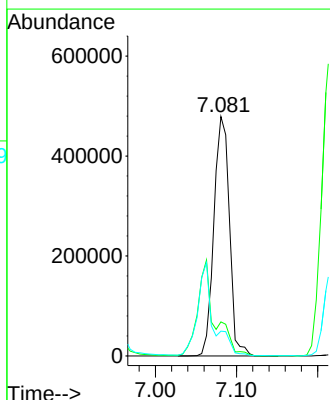
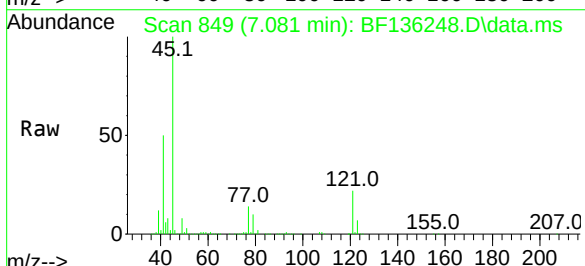
Manual Integrations
APPROVED

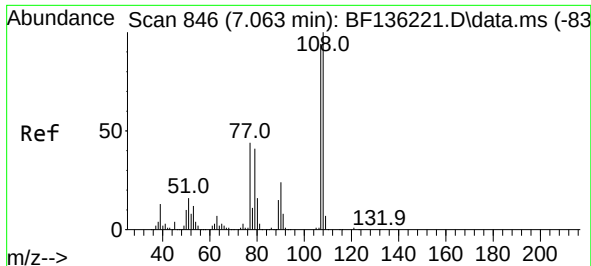
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.528 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

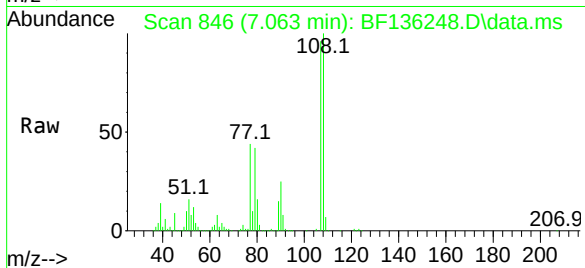
Tgt Ion: 45 Resp: 636105
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.0
79 10.4 0.0 30.1





#17
2-Methylphenol
Concen: 48.391 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

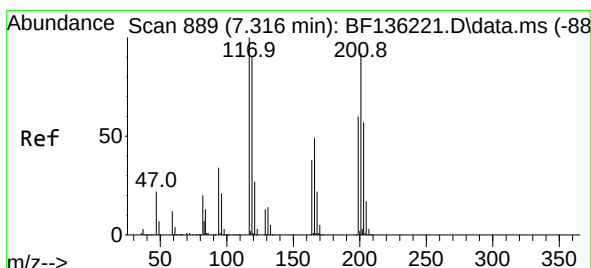
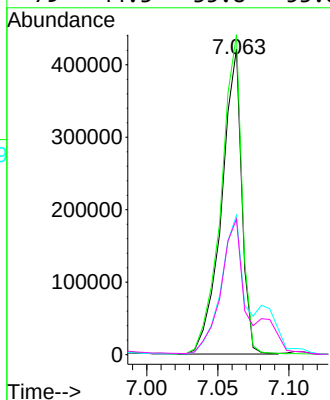
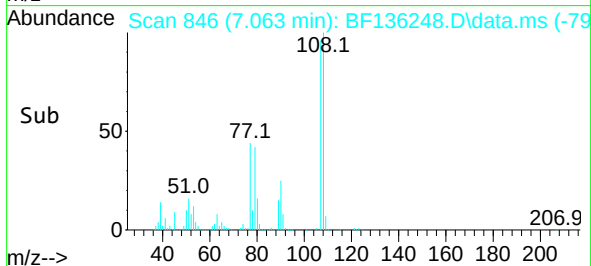
Instrument :
BNA_F
ClientSampleId :
PB157197BS



Tgt Ion:107 Resp: 414310
Ion Ratio Lower Upper
107 100
108 104.7 85.4 128.0
77 45.6 37.4 56.2
79 44.3 35.8 53.8

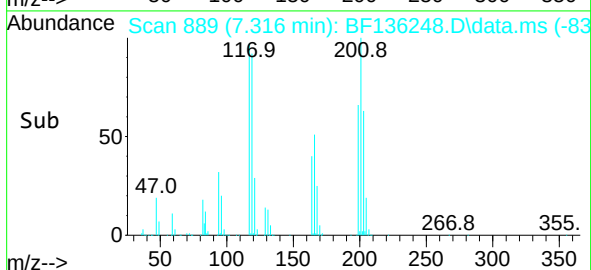
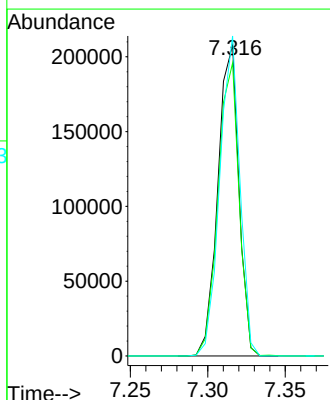
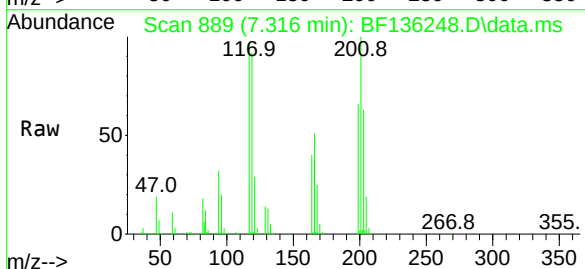
Manual Integrations
APPROVED

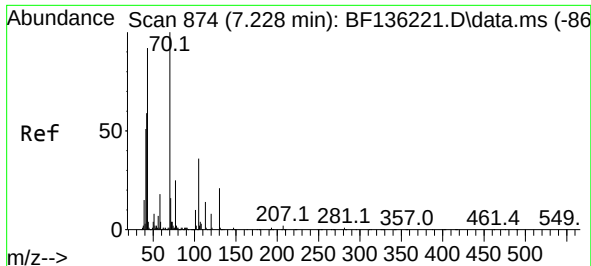
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 44.344 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:117 Resp: 195418
Ion Ratio Lower Upper
117 100
119 94.3 71.6 107.4
201 103.0 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.491 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136248.D

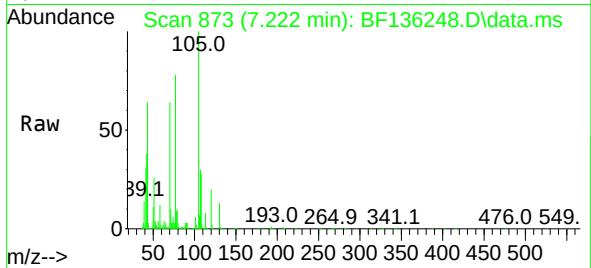
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



Tgt Ion: 70 Resp: 35520

Ion Ratio Lower Upper

70 100

42 58.4 47.0 70.4

101 9.9 7.8 11.8

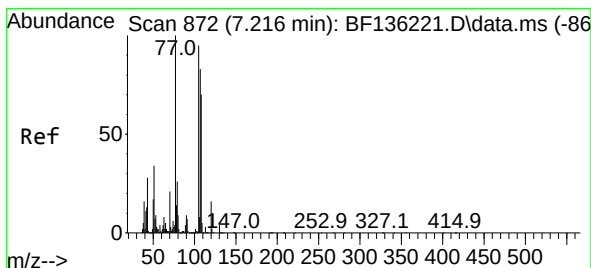
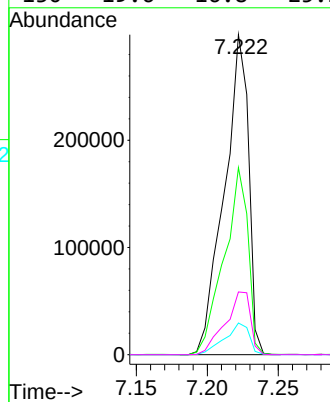
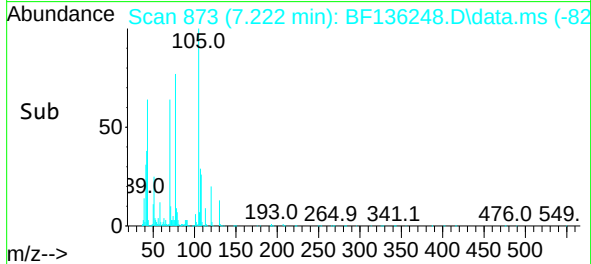
130 19.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#20

3+4-Methylphenols

Concen: 45.983 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Tgt Ion:107 Resp: 511653

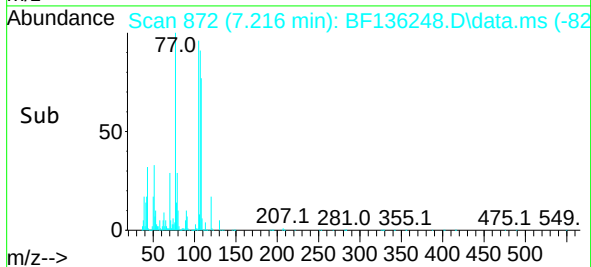
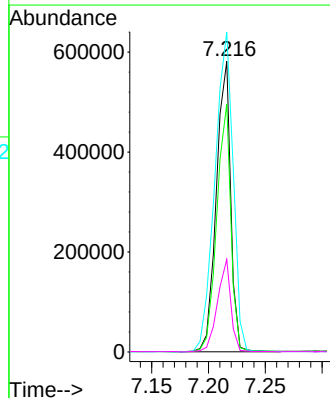
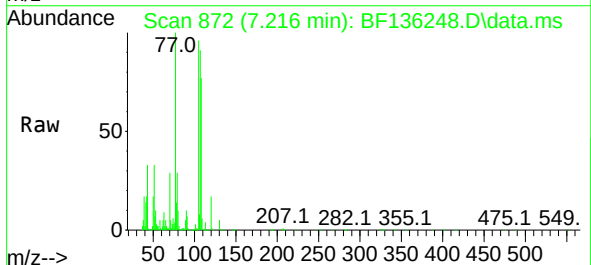
Ion Ratio Lower Upper

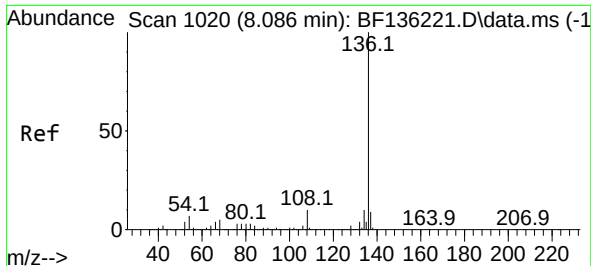
107 100

108 85.3 63.9 103.9

77 110.1 100.2 140.2

79 31.8 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

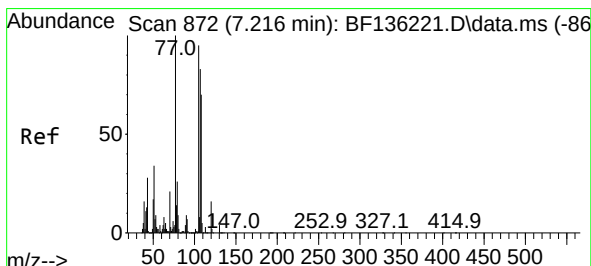
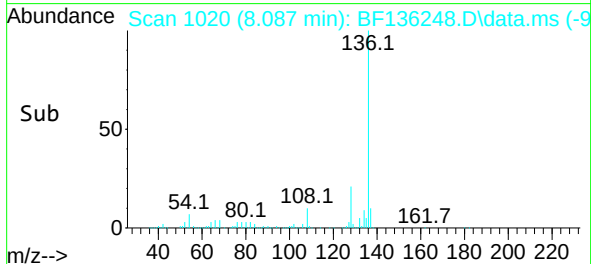
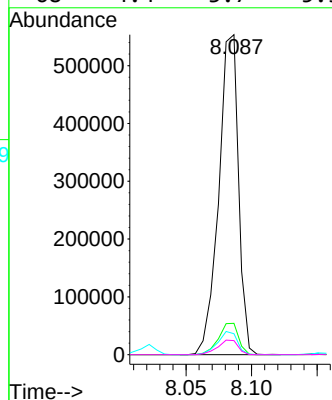
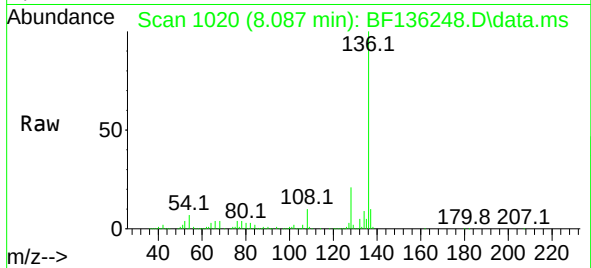
ClientSampleId :

PB157197BS

Tgt Ion:136 Resp: 57968
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 6.5 5.5 8.3
68 4.4 3.7 5.5

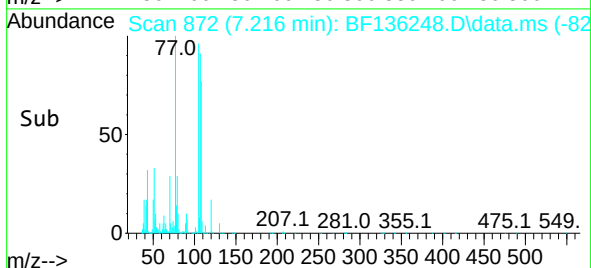
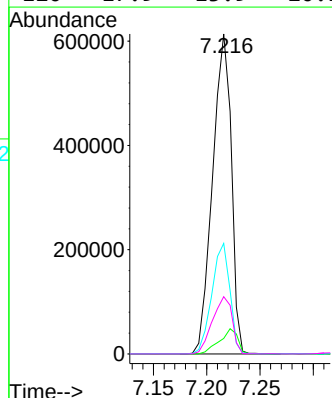
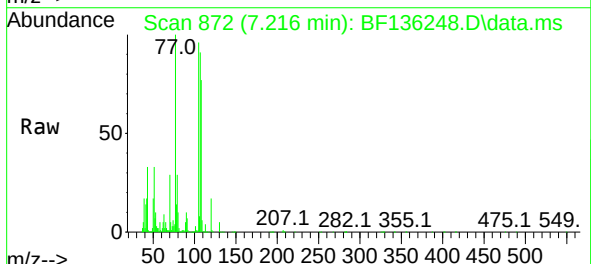
Manual Integrations
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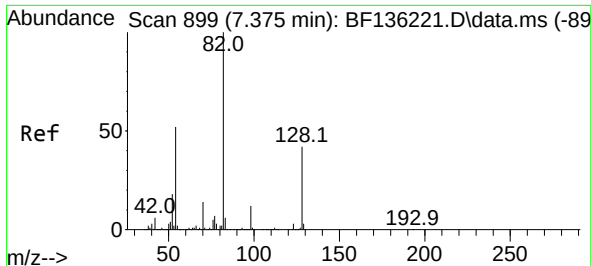
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 49.138 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:105 Resp: 748096
Ion Ratio Lower Upper
105 100
71 4.9 2.8 4.2#
51 34.6 29.0 43.6
120 17.9 13.9 20.9





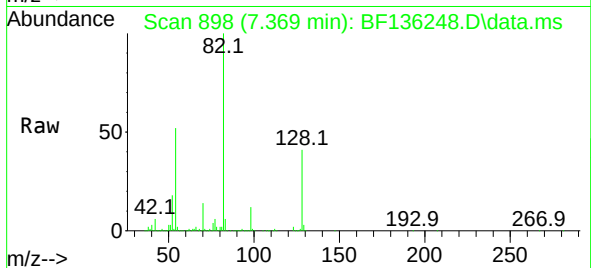
#23
Nitrobenzene-d5
Concen: 91.569 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

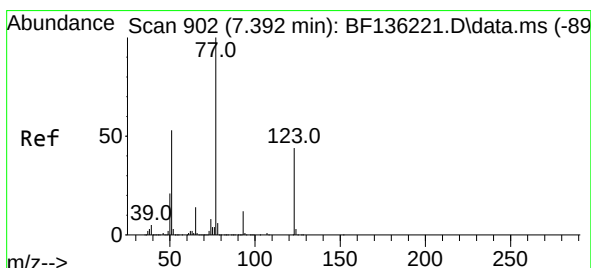
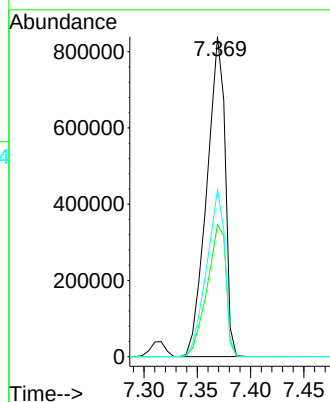
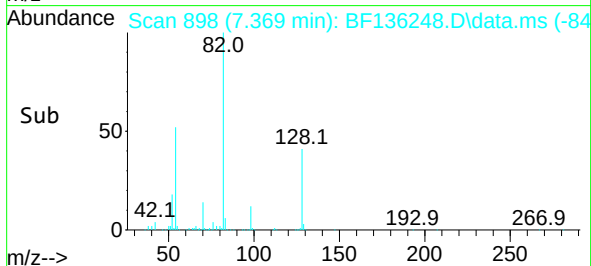


Tgt Ion: 82 Resp: 100449
Ion Ratio Lower Upper
82 100
128 41.3 33.4 50.2
54 52.3 41.7 62.5

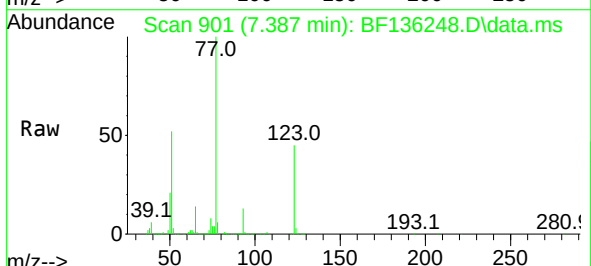
Manual Integrations

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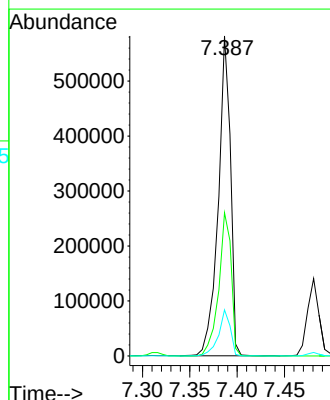
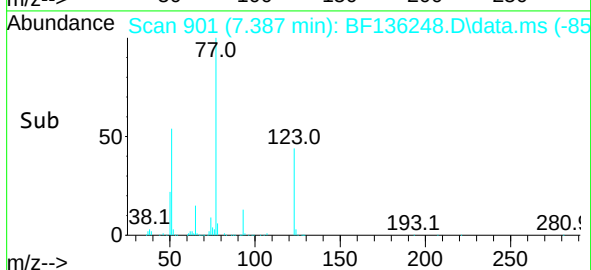
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

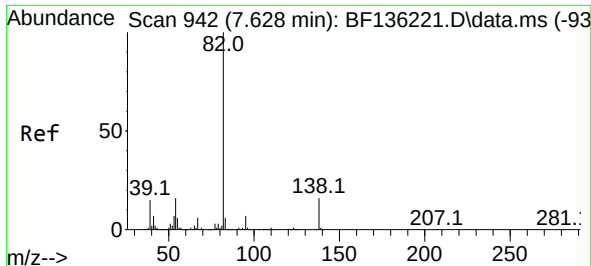


#24
Nitrobenzene
Concen: 47.274 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



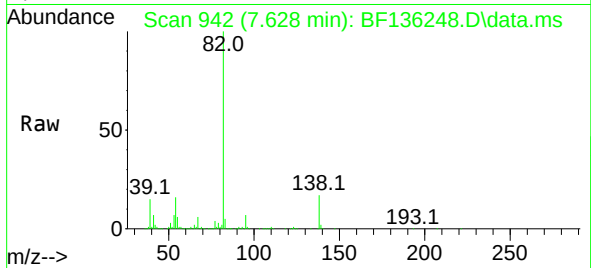
Tgt Ion: 77 Resp: 525533
Ion Ratio Lower Upper
77 100
123 44.8 35.4 53.2
65 14.4 11.0 16.6





#25
Isophorone
Concen: 48.843 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

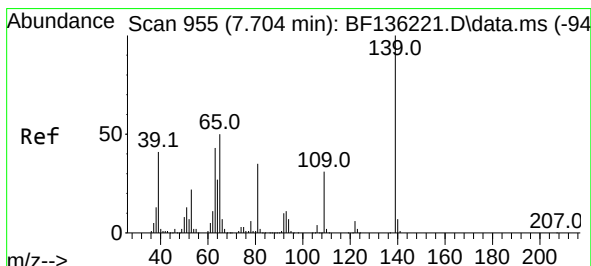
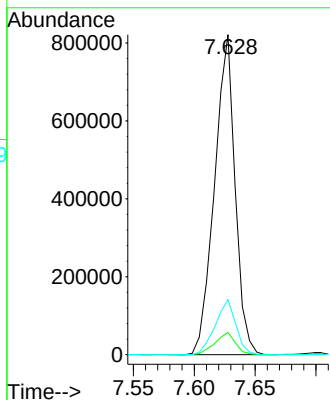
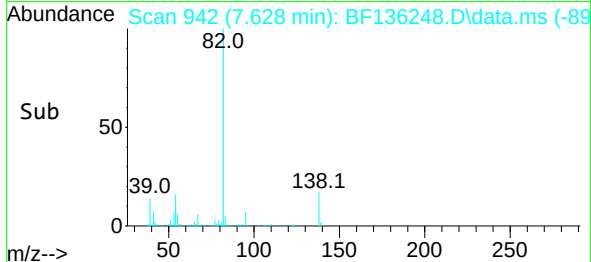
Instrument :
BNA_F
ClientSampleId :
PB157197BS



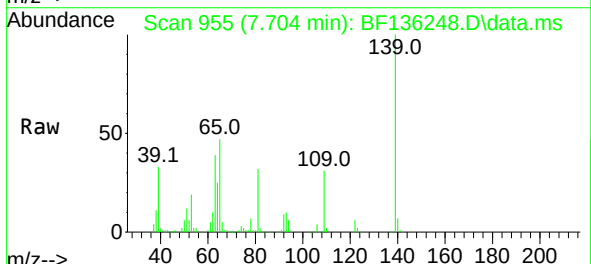
Tgt Ion: 82 Resp: 96611
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.2 12.8 19.2

Manual Integrations
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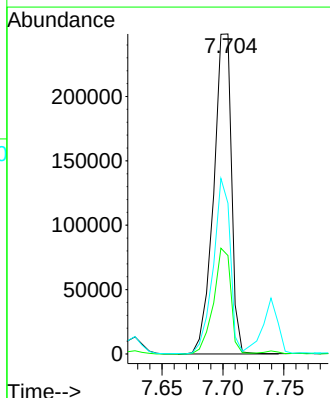
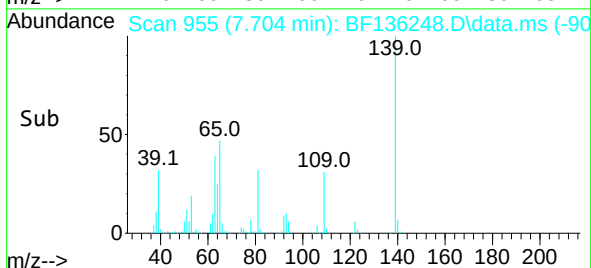
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

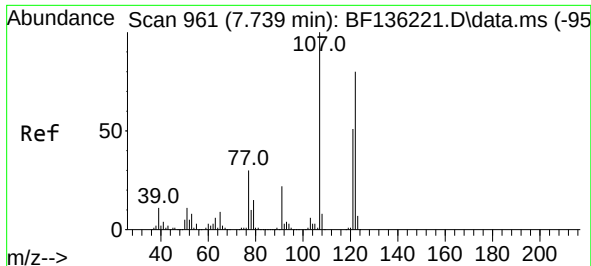


#26
2-Nitrophenol
Concen: 53.787 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:139 Resp: 254765
Ion Ratio Lower Upper
139 100
109 30.8 25.0 37.6
65 47.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 61.033 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136248.D

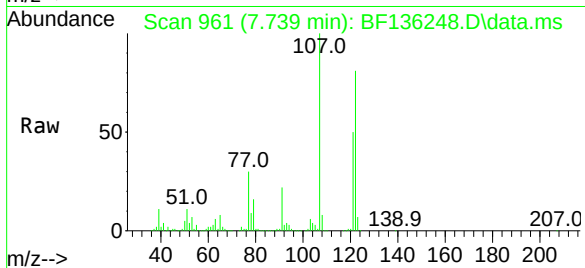
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



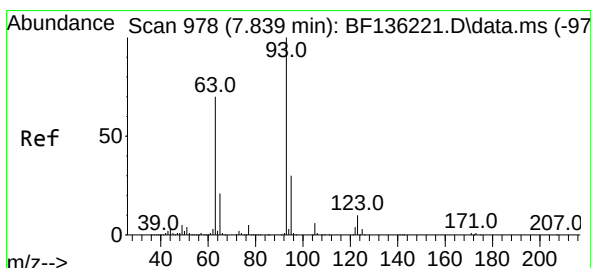
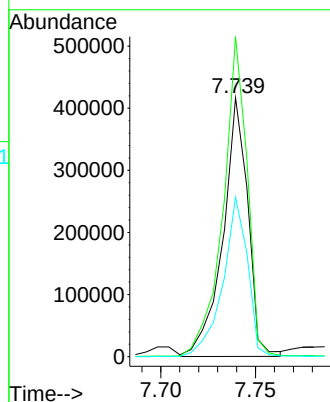
Tgt Ion:	122	Resp:	380494
Ion	Ratio	Lower	Upper
122	100		
107	123.6	100.0	150.0
121	61.6	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.730 ng

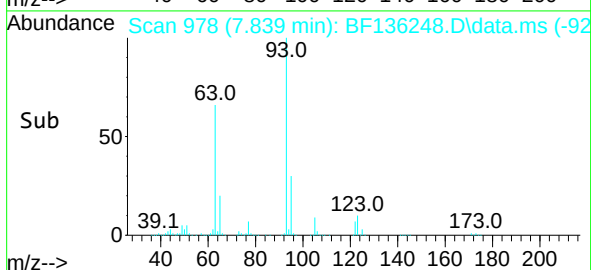
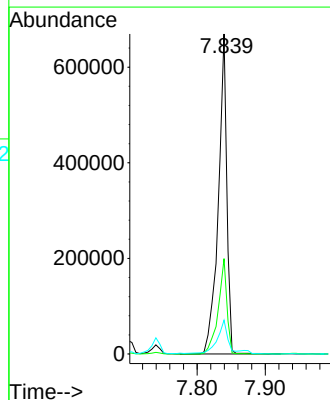
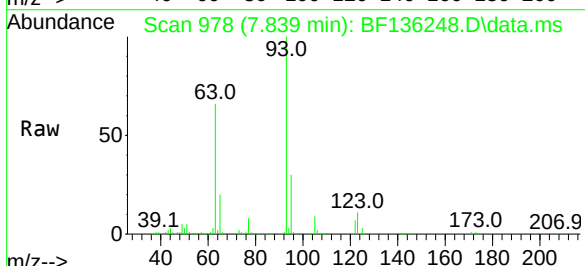
RT: 7.839 min Scan# 978

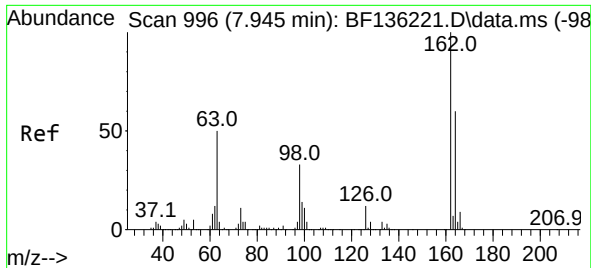
Delta R.T. 0.000 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Tgt Ion:	93	Resp:	583036
Ion	Ratio	Lower	Upper
93	100		
95	29.8	23.8	35.6
123	10.5	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 50.910 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:162 Resp: 428099

Ion Ratio Lower Upper

162 100

164 60.9 40.3 80.3

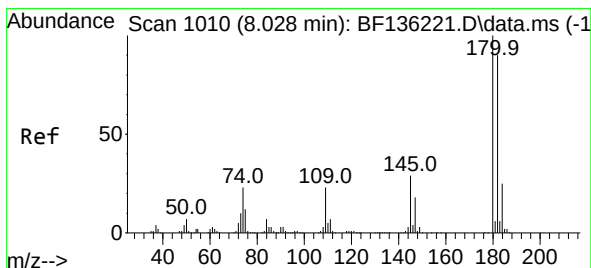
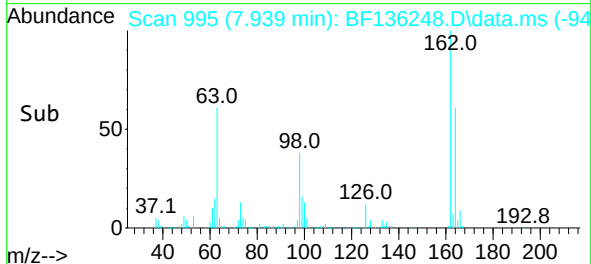
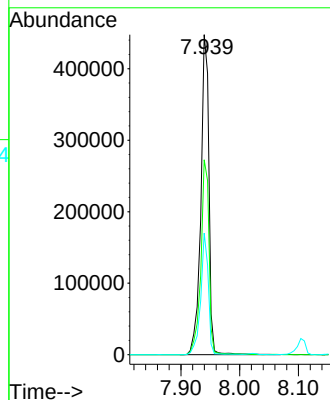
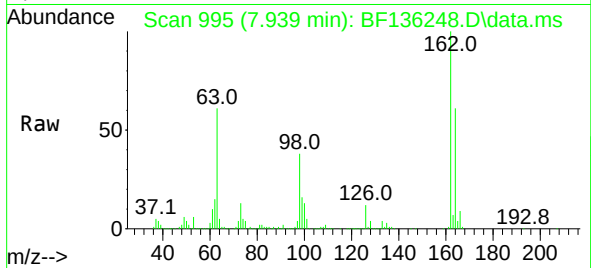
98 38.0 13.0 53.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.285 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

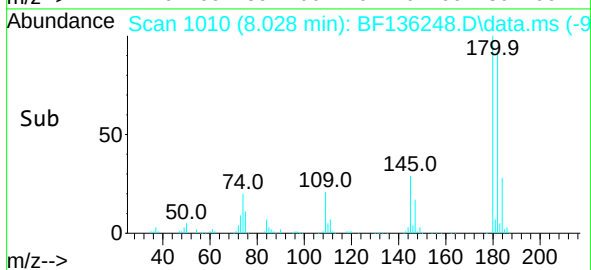
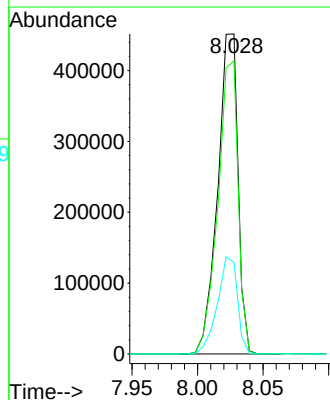
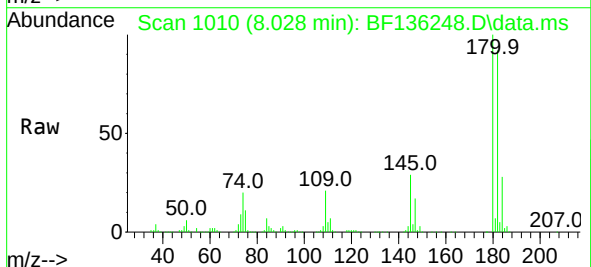
Tgt Ion:180 Resp: 486813

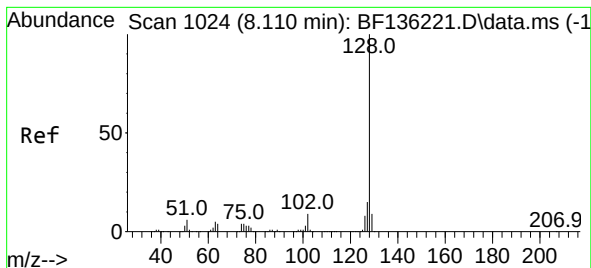
Ion Ratio Lower Upper

180 100

182 91.6 71.6 107.4

145 28.7 23.0 34.4





#31

Naphthalene

Concen: 48.021 ng

RT: 8.104 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:128 Resp: 156464

Ion Ratio Lower Upper

128 100

129 9.4 7.3 10.9

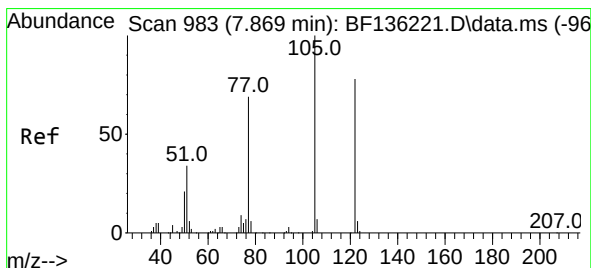
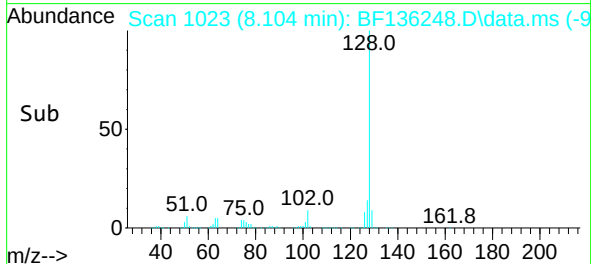
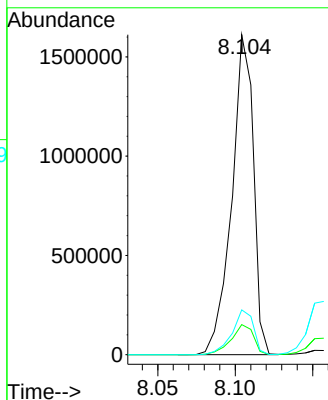
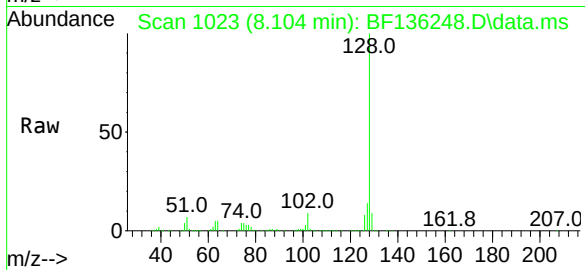
127 14.0 11.8 17.6

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Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#32

Benzoic acid

Concen: 51.119 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

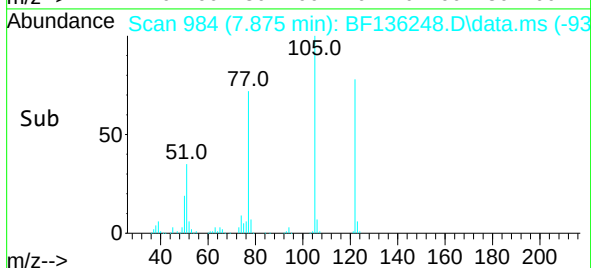
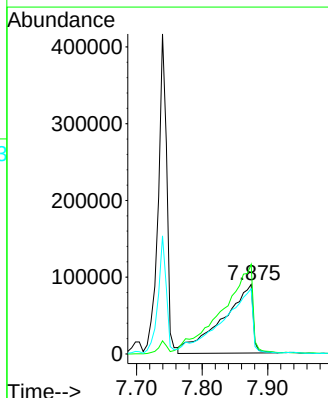
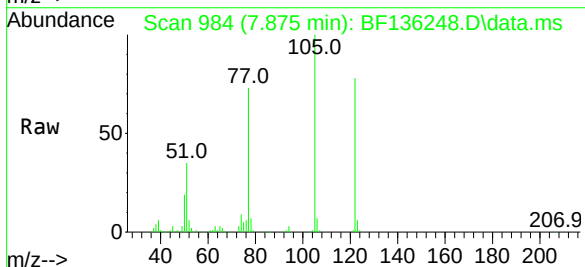
Tgt Ion:122 Resp: 290444

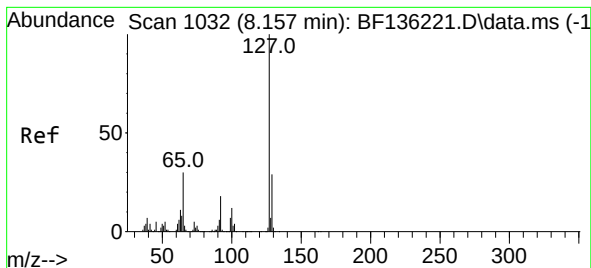
Ion Ratio Lower Upper

122 100

105 128.8 103.7 143.7

77 93.9 66.8 106.8





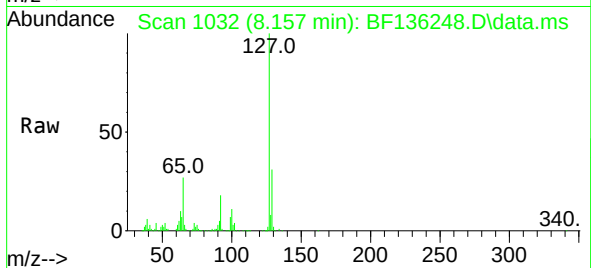
#33
4-Chloroaniline
Concen: 24.269 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

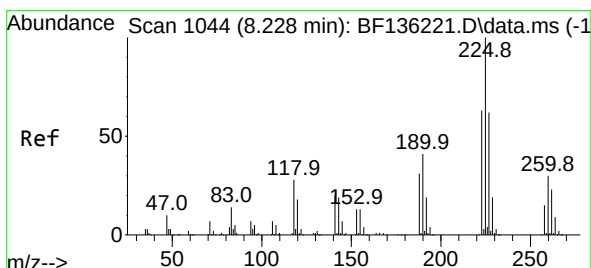
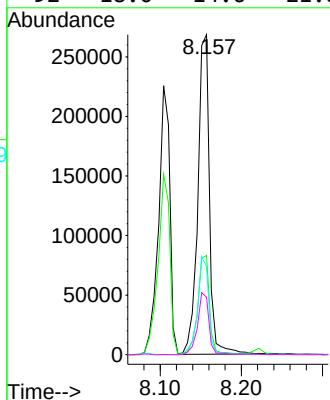
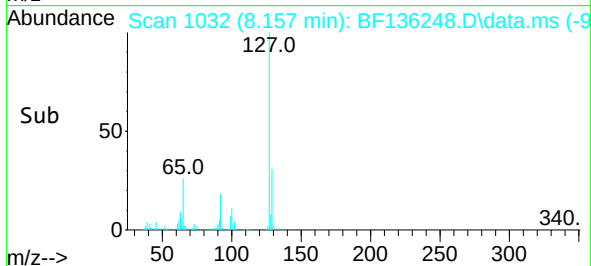


Tgt Ion:127 Resp: 268792
Ion Ratio Lower Upper
127 100
129 31.0 23.4 35.2
65 27.5 23.8 35.6
92 18.0 14.6 21.8

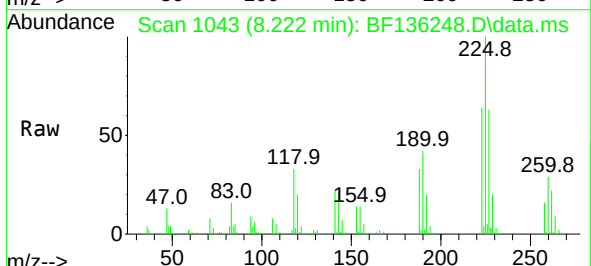
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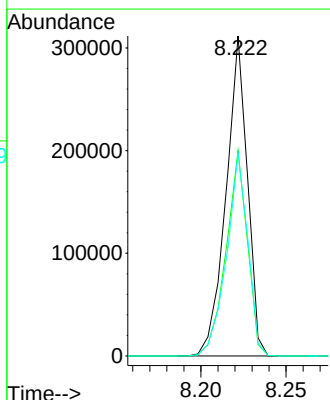
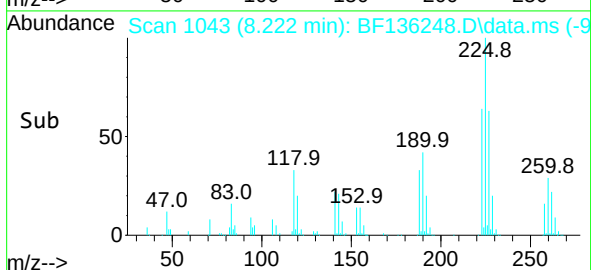
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

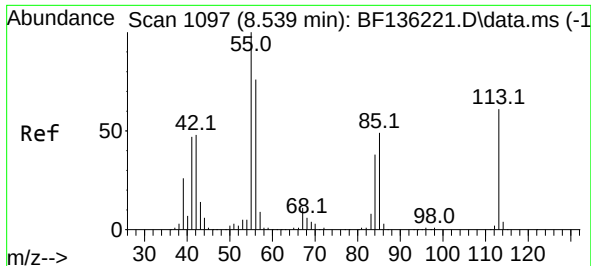


#34
Hexachlorobutadiene
Concen: 45.140 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:225 Resp: 271886
Ion Ratio Lower Upper
225 100
223 64.2 50.6 75.8
227 63.3 49.6 74.4





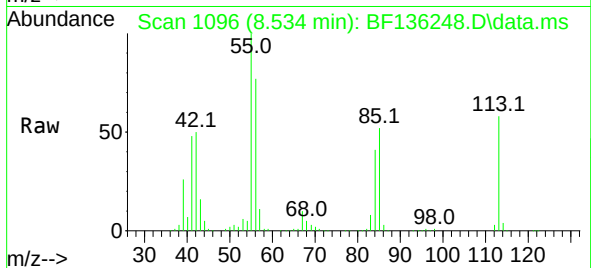
#35
 Caprolactam
 Concen: 51.172 ng/ml
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136248.D
 Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

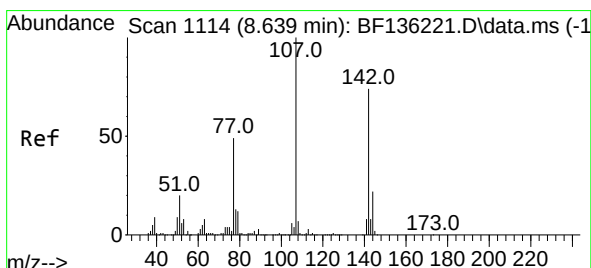
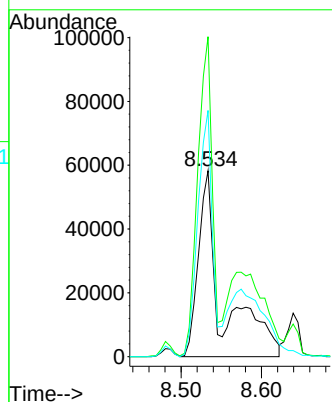
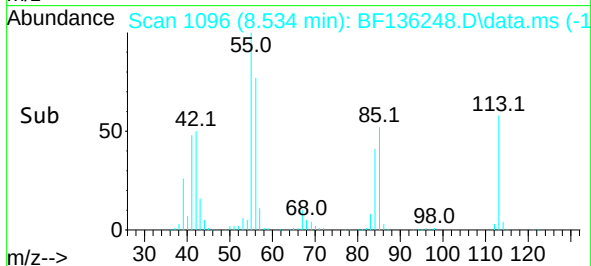


Tgt Ion:113 Resp: 12029
 Ion Ratio Lower Upper
 113 100
 55 172.1 143.1 183.1
 56 132.4 103.6 143.6

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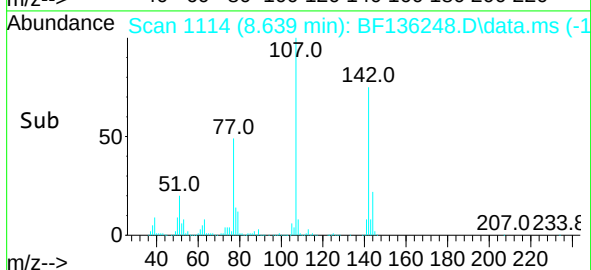
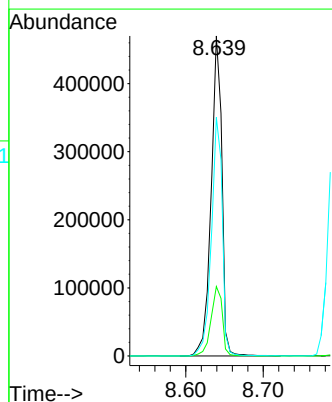
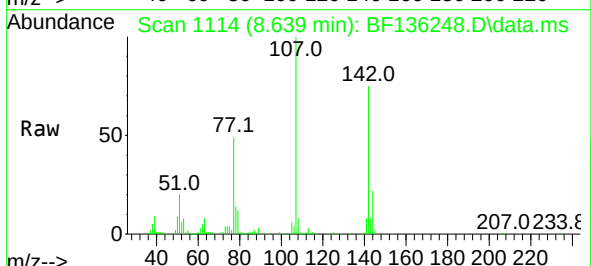
APPROVED

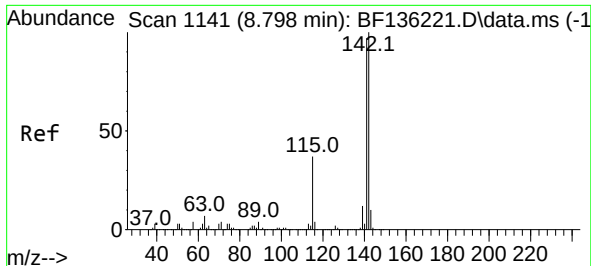
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 49.691 ng/ml
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136248.D
 Acq: 28 Nov 2023 14:36

Tgt Ion:107 Resp: 453186
 Ion Ratio Lower Upper
 107 100
 144 21.7 17.8 26.8
 142 74.6 59.4 89.0





#37
2-Methylnaphthalene
Concen: 47.263 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

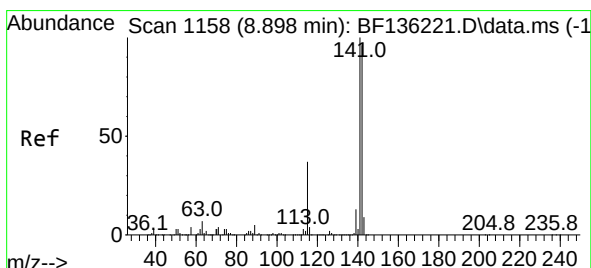
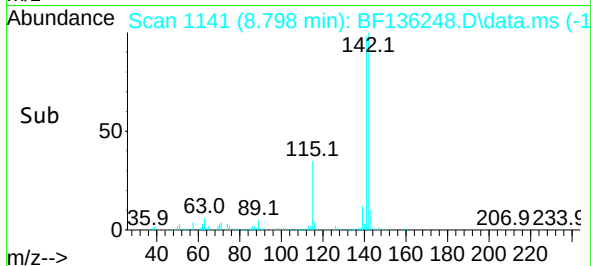
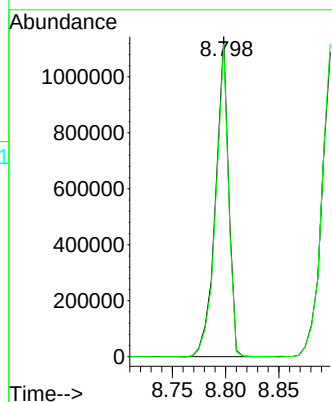
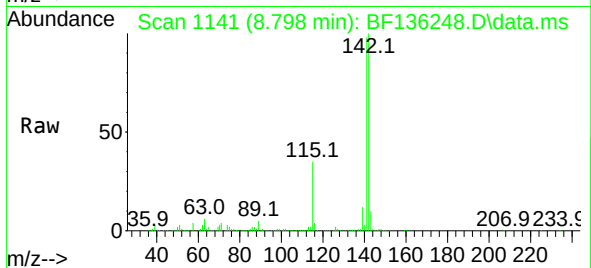
ClientSampleId :

PB157197BS

Tgt Ion:142 Resp: 965994
Ion Ratio Lower Upper
142 100
141 97.6 77.8 116.8

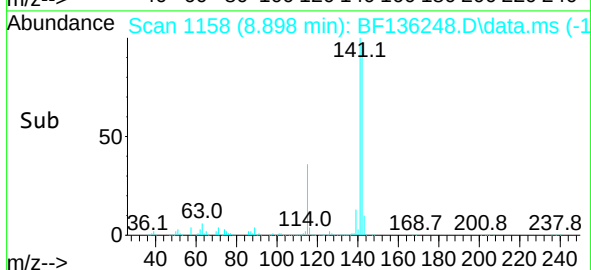
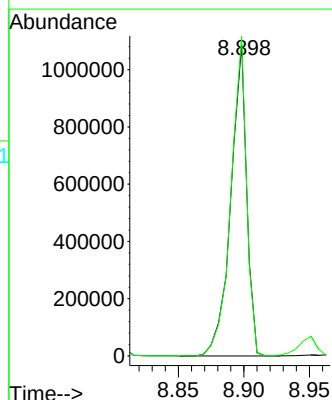
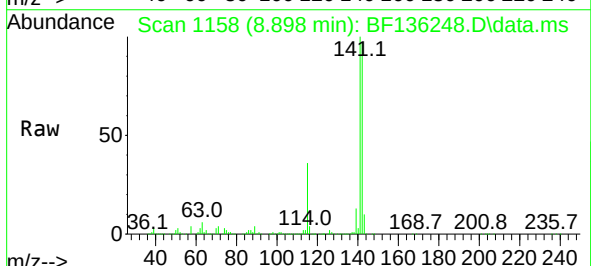
Manual Integrations
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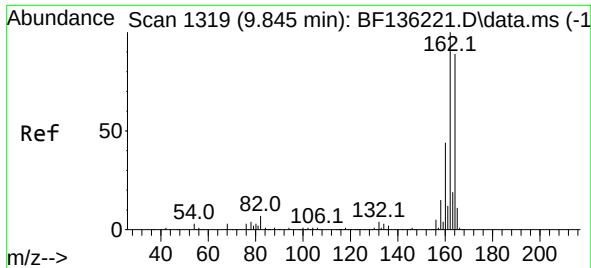
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 46.074 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:142 Resp: 918646
Ion Ratio Lower Upper
142 100
141 102.7 83.8 125.6





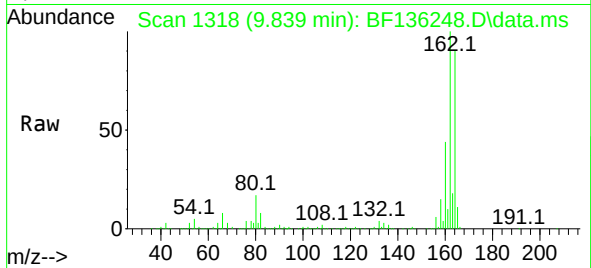
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

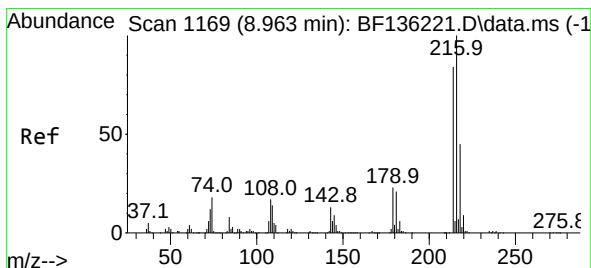
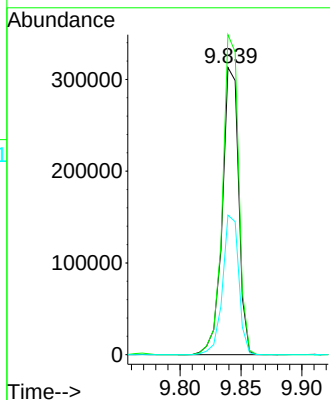
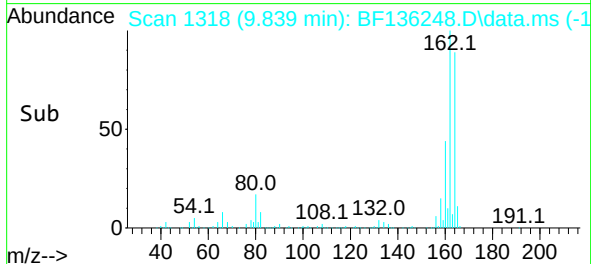


Tgt Ion:164 Resp: 293180
Ion Ratio Lower Upper
164 100
162 111.4 89.5 134.3
160 48.6 39.6 59.4

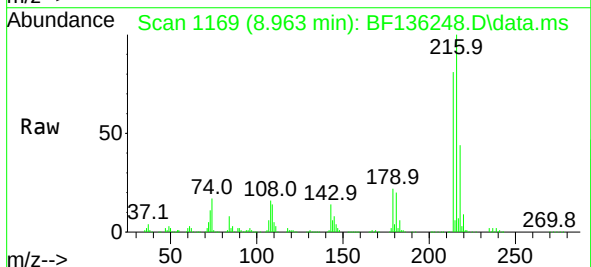
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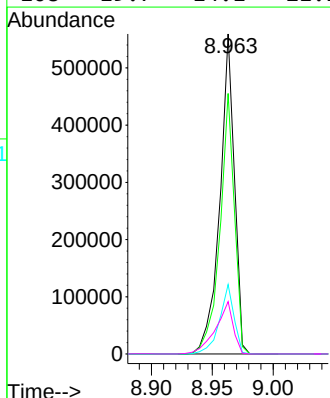
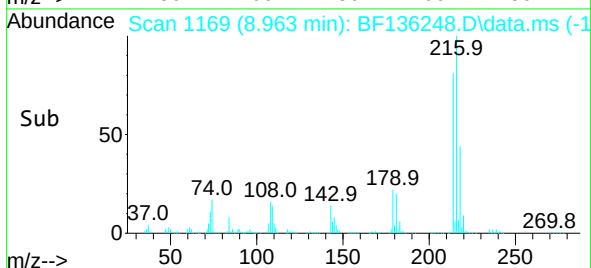
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

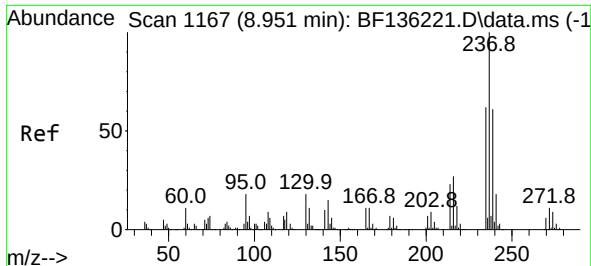


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.086 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



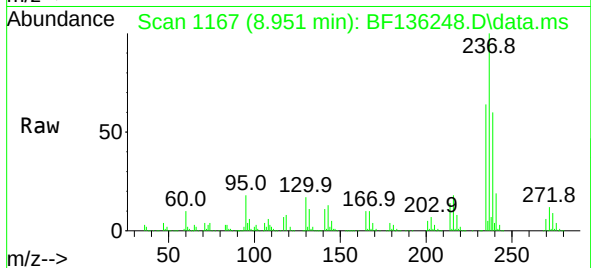
Tgt Ion:216 Resp: 467341
Ion Ratio Lower Upper
216 100
214 80.6 65.8 98.8
179 21.6 17.4 26.0
108 19.7 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 150.629 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

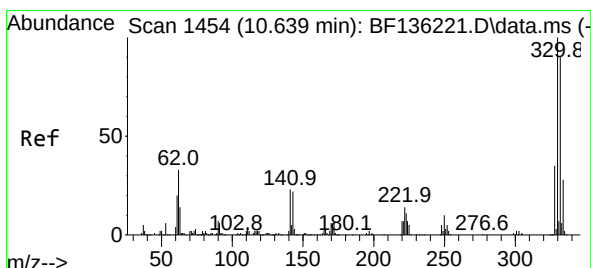
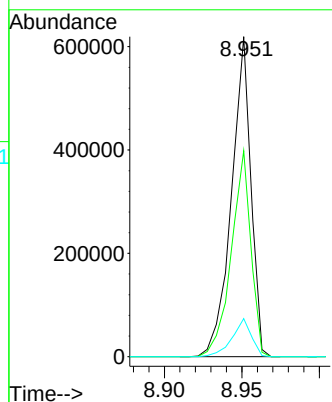
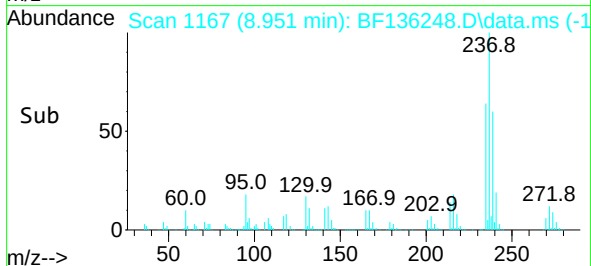
Instrument :
BNA_F
ClientSampleId :
PB157197BS



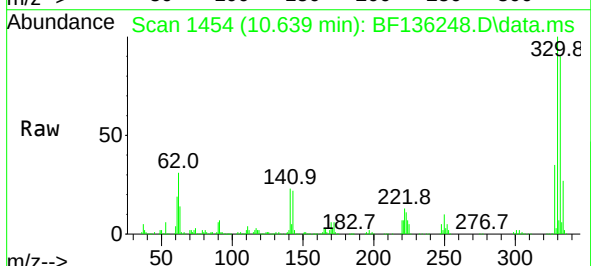
Tgt Ion:237 Resp: 540804
Ion Ratio Lower Upper
237 100
235 64.3 42.1 82.1
272 11.9 0.0 31.0

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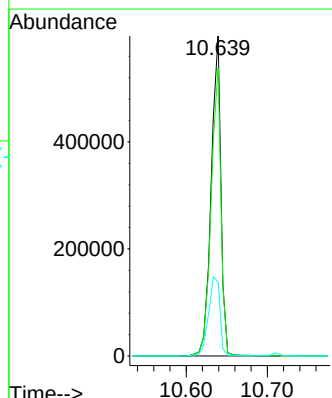
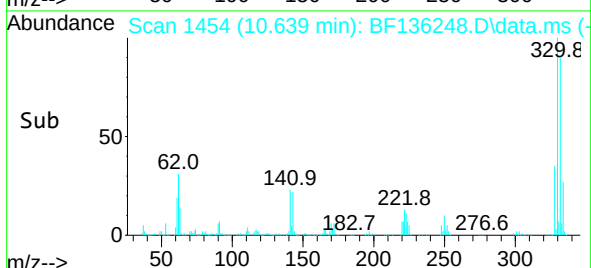
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

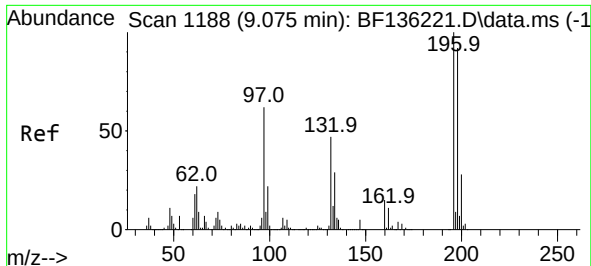


#42
2,4,6-Tribromophenol
Concen: 138.640 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



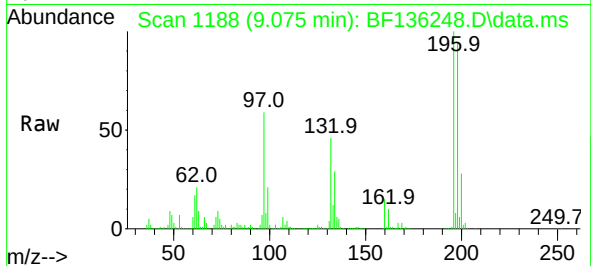
Tgt Ion:330 Resp: 496946
Ion Ratio Lower Upper
330 100
332 91.6 73.0 109.6
141 29.1 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 51.190 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

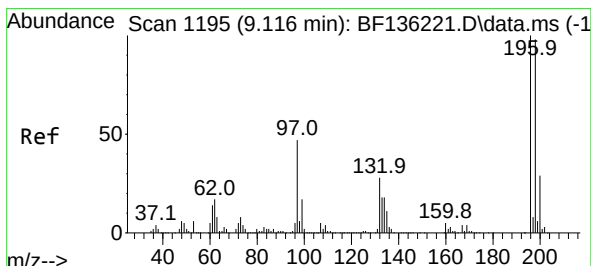
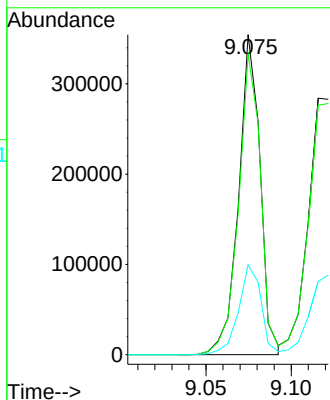
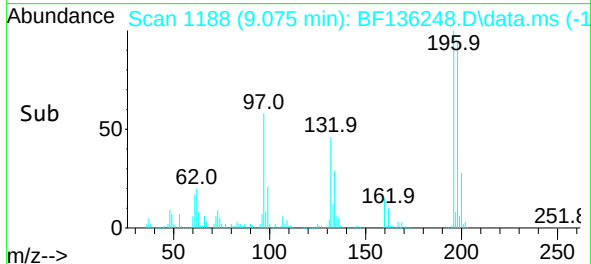
Instrument :
BNA_F
ClientSampleId :
PB157197BS



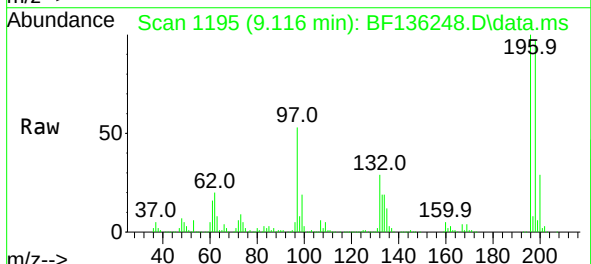
Tgt Ion:196 Resp: 310019
Ion Ratio Lower Upper
196 100
198 94.0 73.2 109.8
200 28.1 22.4 33.6

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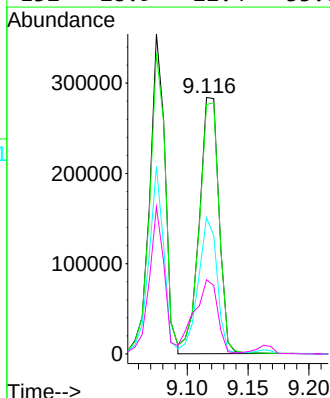
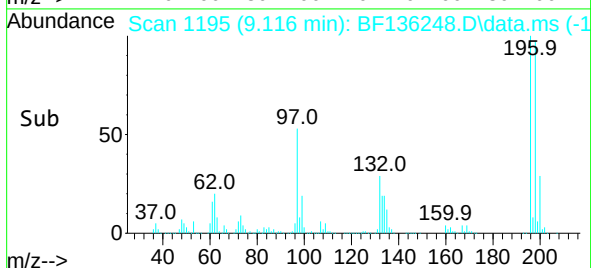
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

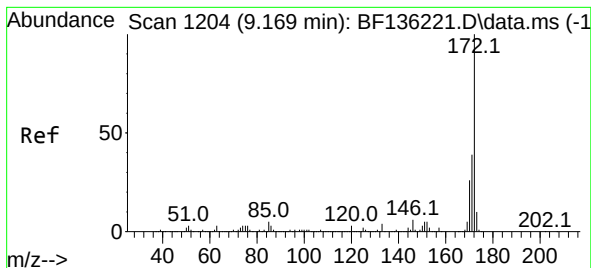


#44
2,4,5-Trichlorophenol
Concen: 48.414 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:196 Resp: 319975
Ion Ratio Lower Upper
196 100
198 97.3 78.8 118.2
97 53.1 37.8 56.8
132 28.9 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 91.972 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136248.D

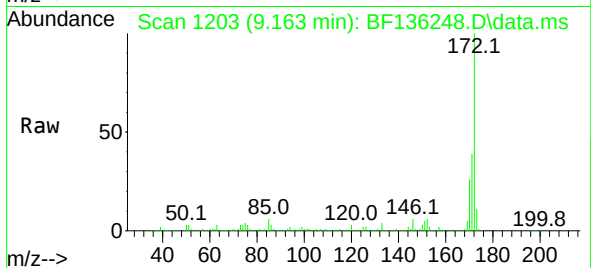
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



Tgt Ion:172 Resp: 211107

Ion Ratio Lower Upper

172 100

171 38.6 31.5 47.3

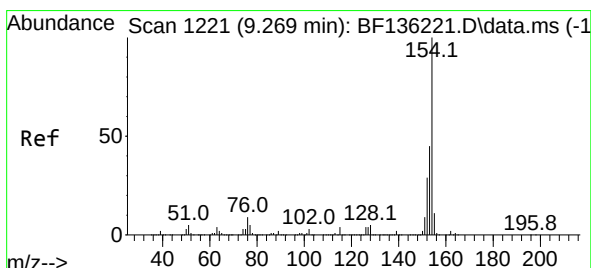
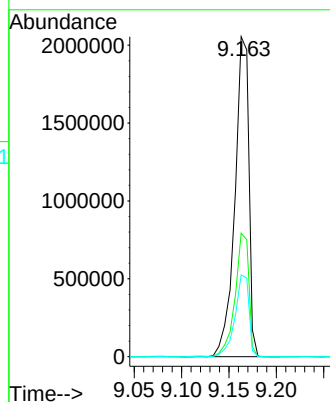
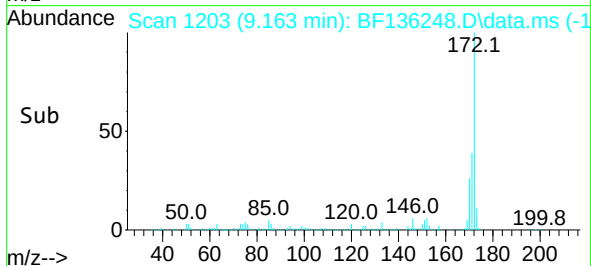
170 25.5 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#46

1,1'-Biphenyl

Concen: 49.380 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

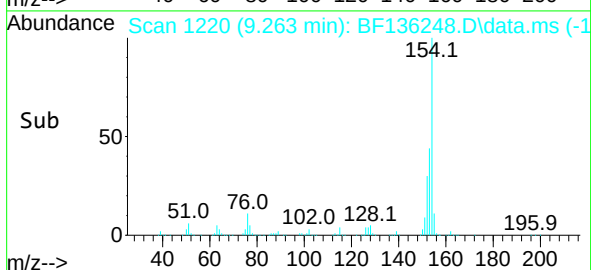
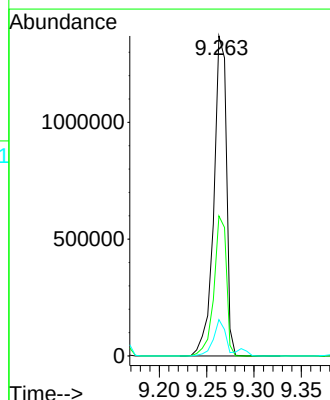
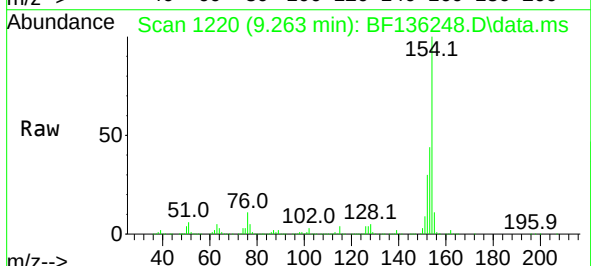
Tgt Ion:154 Resp: 1276693

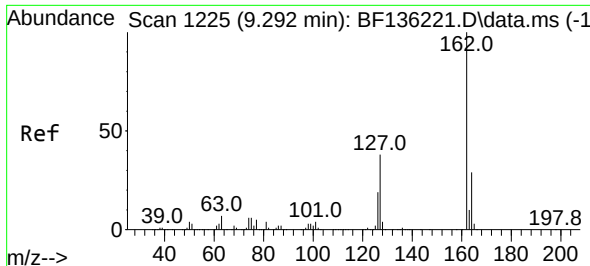
Ion Ratio Lower Upper

154 100

153 43.8 24.6 64.6

76 11.4 0.0 29.4





#47

2-Chloronaphthalene

Concen: 48.054 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:162 Resp: 964840

Ion Ratio Lower Upper

162 100

127 40.5 30.2 45.2

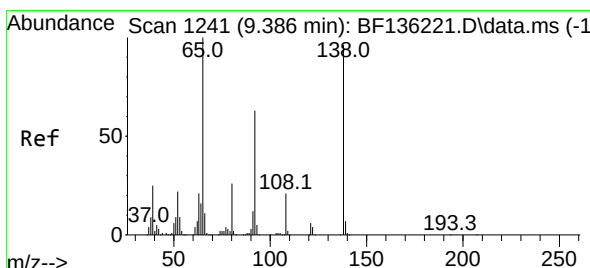
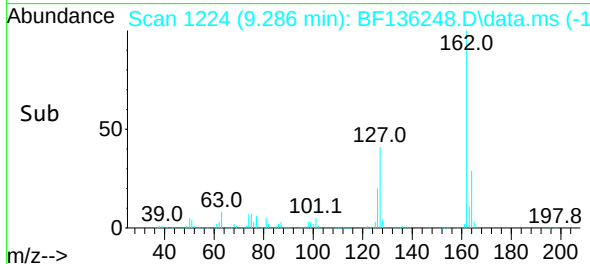
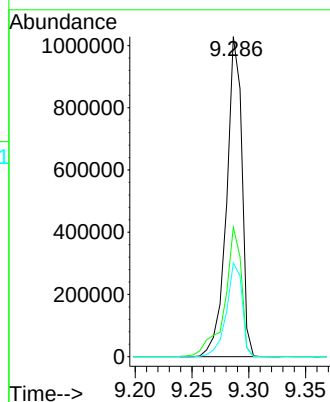
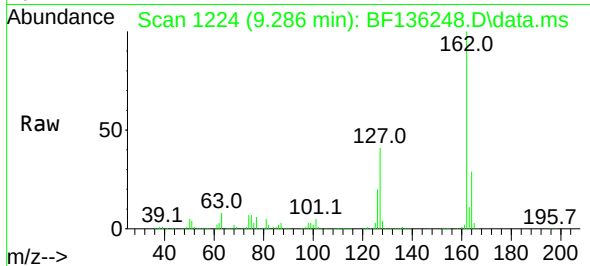
164 29.3 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#48

2-Nitroaniline

Concen: 50.171 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

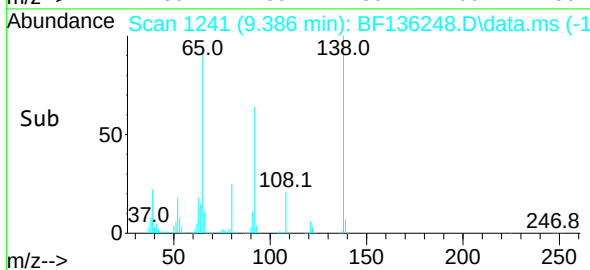
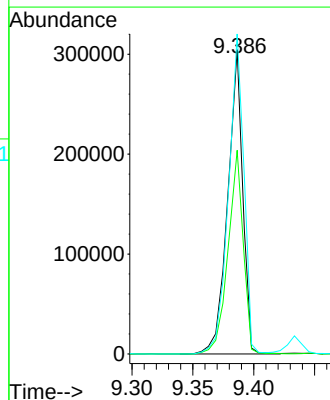
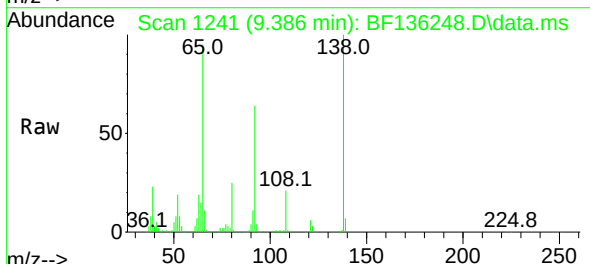
Tgt Ion: 65 Resp: 263003

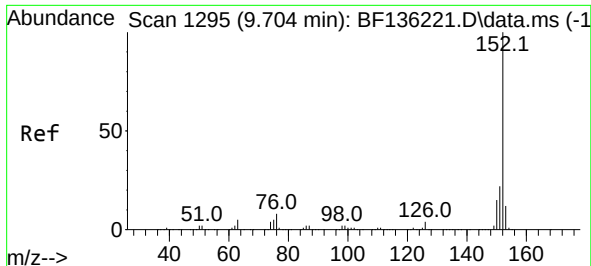
Ion Ratio Lower Upper

65 100

92 66.9 50.6 75.8

138 105.2 76.7 115.1





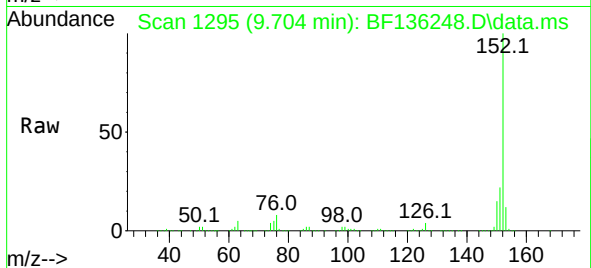
#49
Acenaphthylene
Concen: 53.582 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



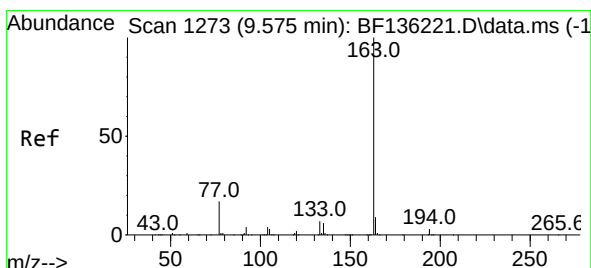
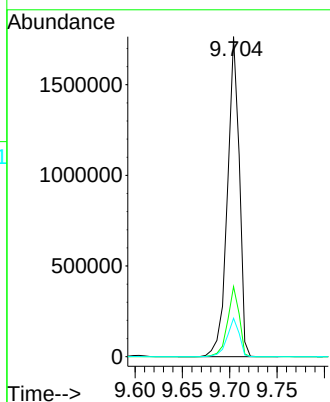
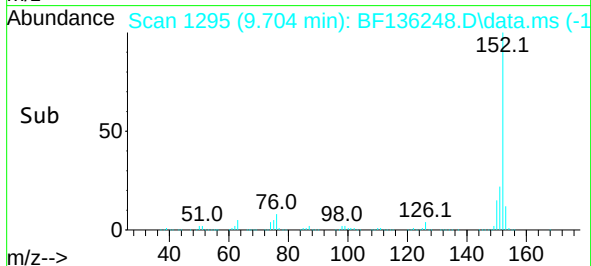
Tgt Ion:152 Resp: 1535294
Ion Ratio Lower Upper
152 100
151 21.9 17.5 26.3
153 12.0 9.6 14.4

Manual Integrations

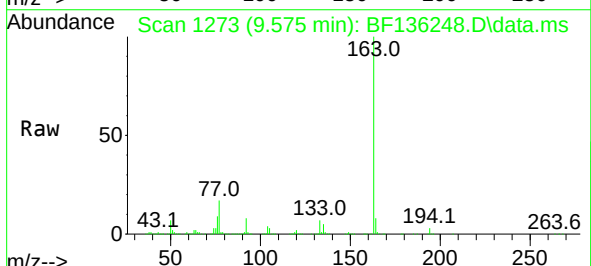
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

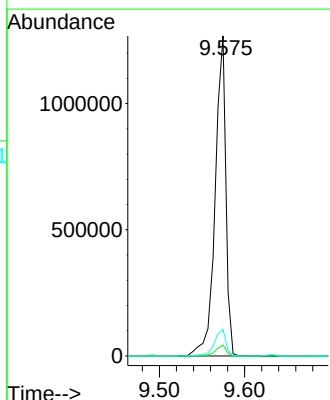
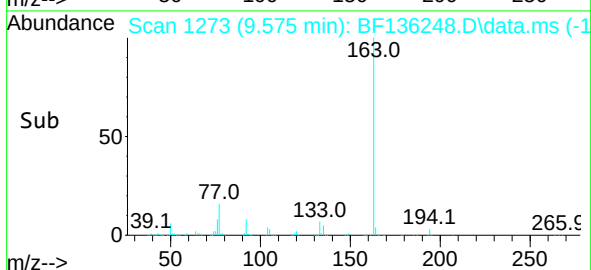
Supervised By :mohammad ahmed 12/01/2023

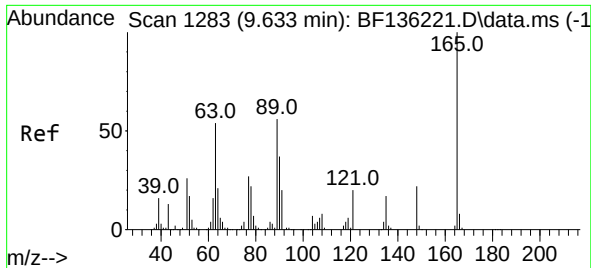


#50
Dimethylphthalate
Concen: 49.825 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



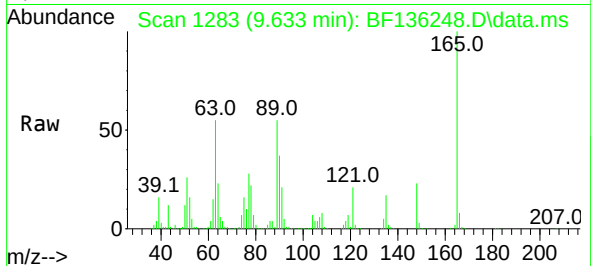
Tgt Ion:163 Resp: 1104092
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 8.3 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 49.256 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

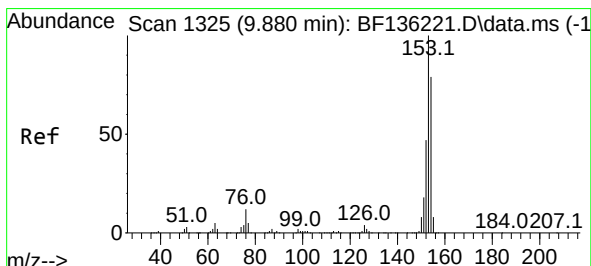
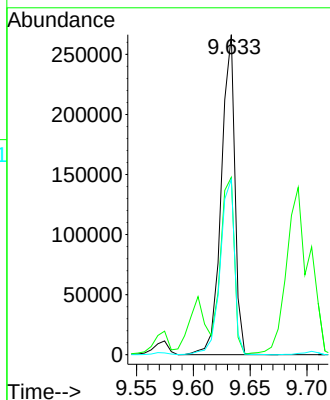
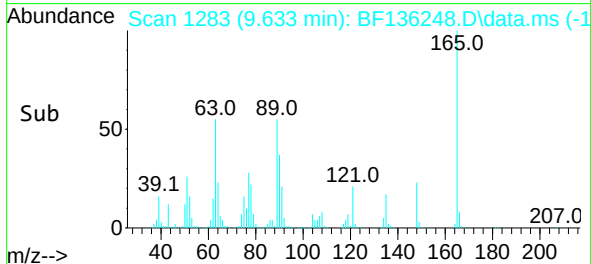
Instrument :
BNA_F
ClientSampleId :
PB157197BS



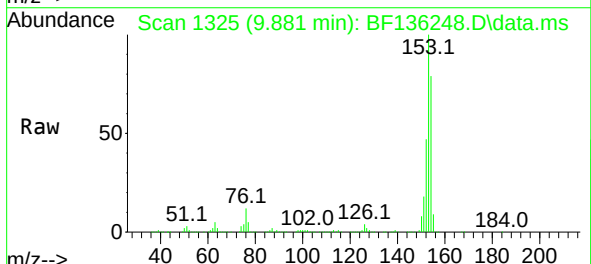
Tgt Ion:165 Resp: 222985
Ion Ratio Lower Upper
165 100
63 55.4 46.2 69.2
89 54.8 44.9 67.3

Manual Integrations
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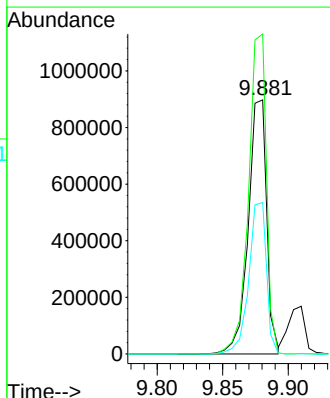
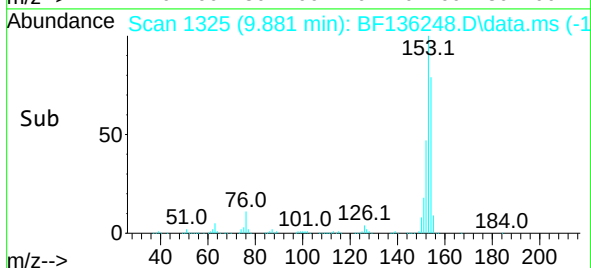
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

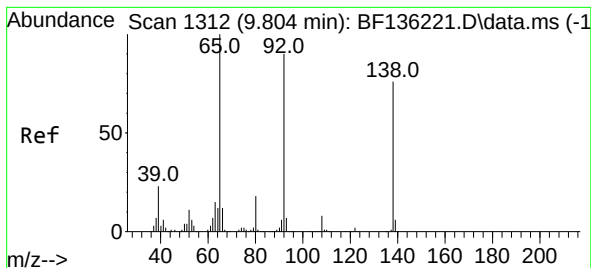


#52
Acenaphthene
Concen: 48.438 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:154 Resp: 877085
Ion Ratio Lower Upper
154 100
153 126.0 100.8 151.2
152 59.6 47.0 70.6





#53

3-Nitroaniline

Concen: 33.893 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

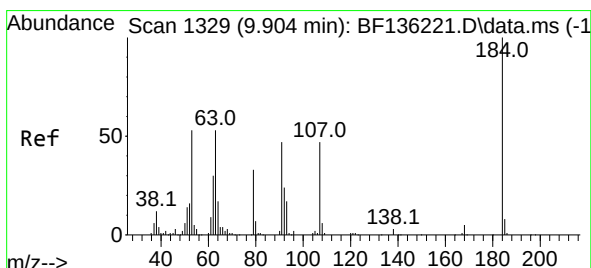
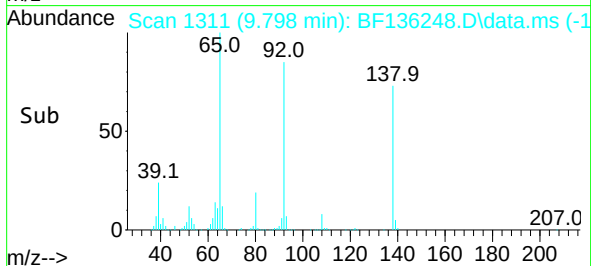
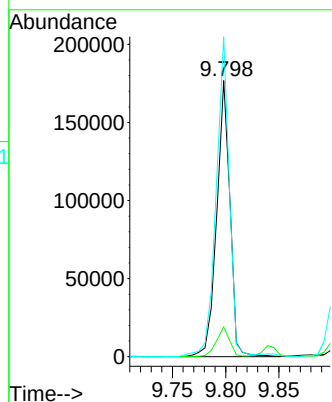
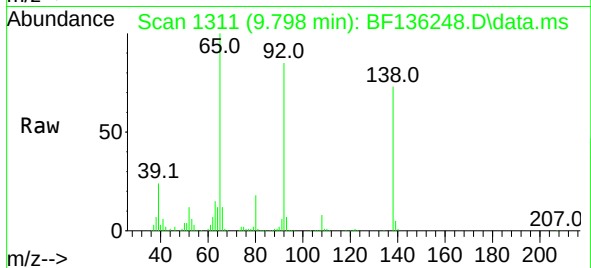
Tgt Ion:138 Resp: 15224
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.7 13.1
 92 115.9 94.2 141.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#54

2,4-Dinitrophenol

Concen: 112.998 ng

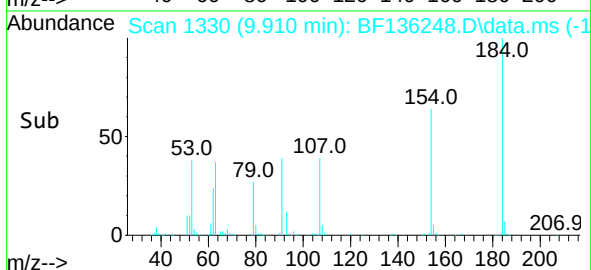
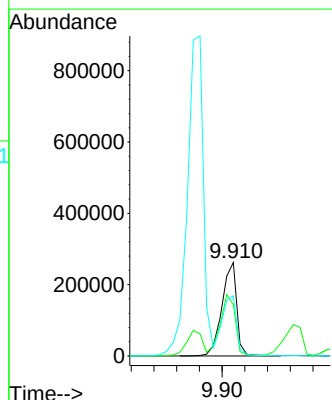
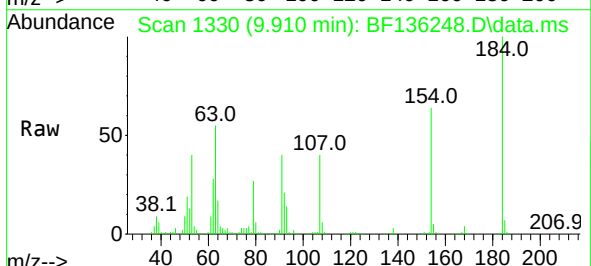
RT: 9.910 min Scan# 1330

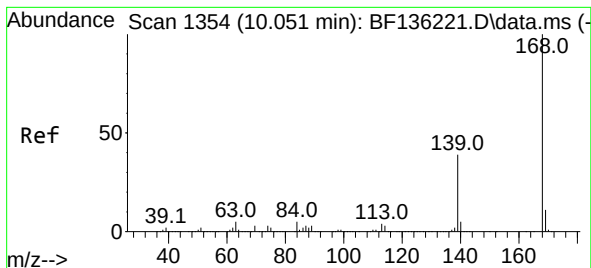
Delta R.T. 0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

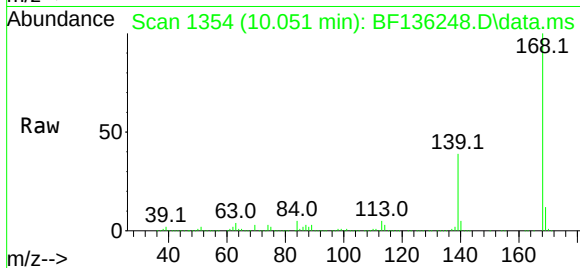
Tgt Ion:184 Resp: 237912
 Ion Ratio Lower Upper
 184 100
 63 55.0 55.0 82.4
 154 64.4 54.9 82.3





#55
Dibenzenofuran
Concen: 49.261 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

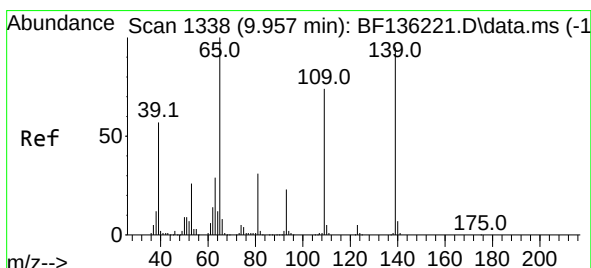
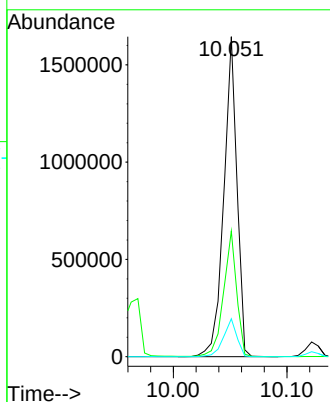
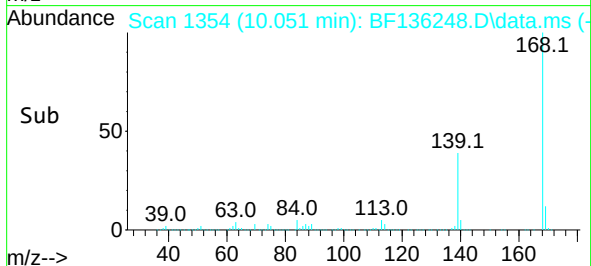
Instrument :
BNA_F
ClientSampleId :
PB157197BS



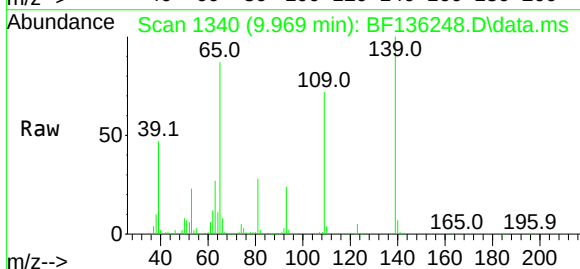
Tgt Ion:168 Resp: 132729
Ion Ratio Lower Upper
168 100
139 39.3 30.9 46.3
169 11.9 9.1 13.7

Manual Integrations
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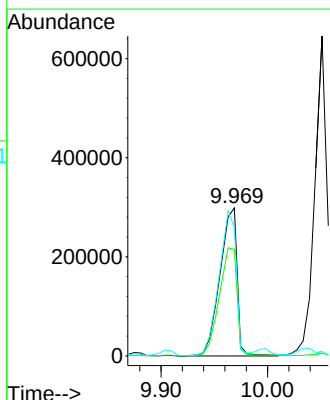
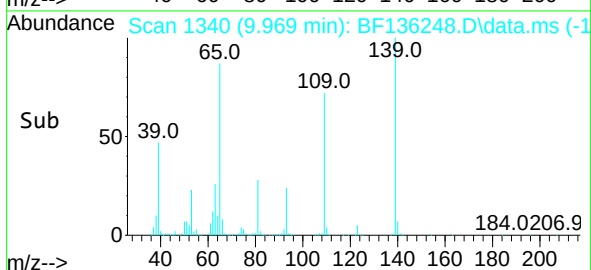
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

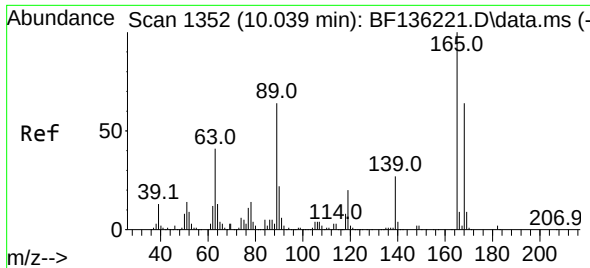


#56
4-Nitrophenol
Concen: 98.069 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:139 Resp: 334572
Ion Ratio Lower Upper
139 100
109 72.1 57.8 97.8
65 86.8 86.0 126.0





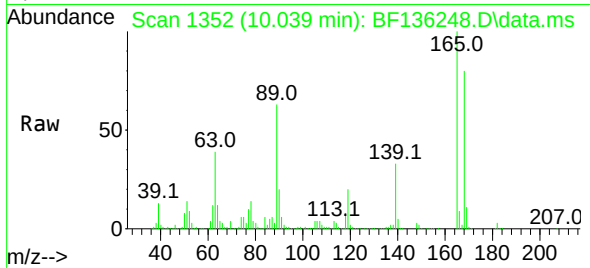
#57
2,4-Dinitrotoluene
Concen: 51.091 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

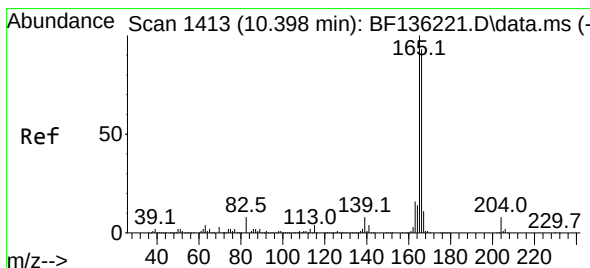
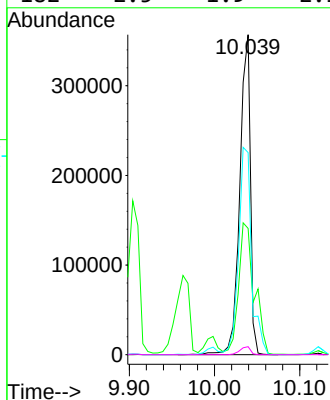
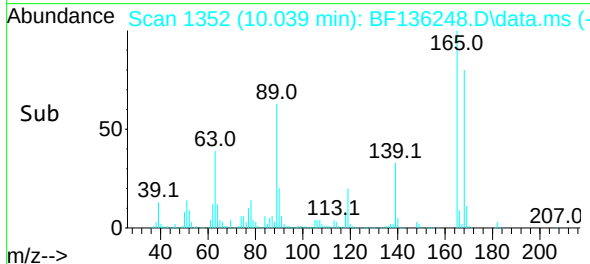


Tgt Ion:165 Resp: 30895
Ion Ratio Lower Upper
165 100
63 39.4 33.0 49.4
89 63.2 51.5 77.3
182 2.5 1.9 2.9

Manual Integrations

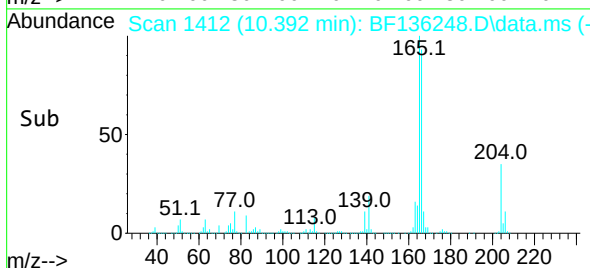
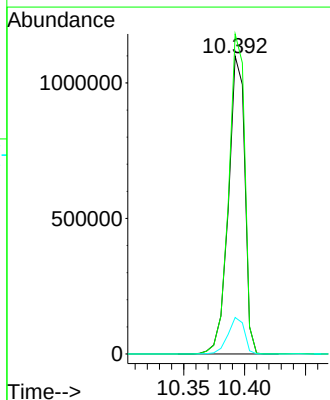
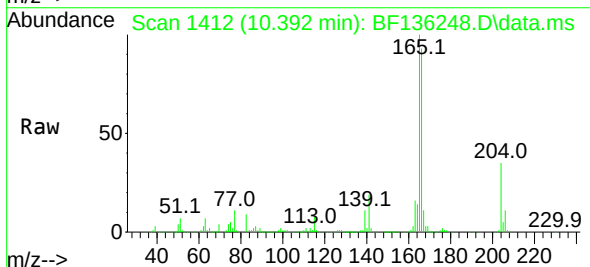
APPROVED

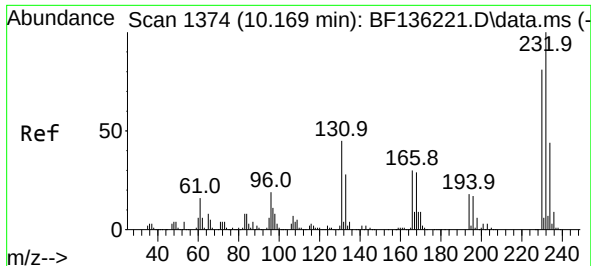
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 48.609 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

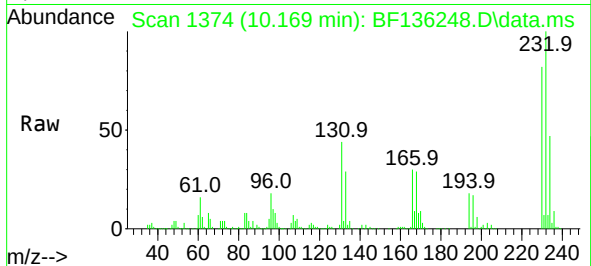
Tgt Ion:166 Resp: 1027343
Ion Ratio Lower Upper
166 100
165 107.5 86.2 129.4
167 12.2 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.290 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

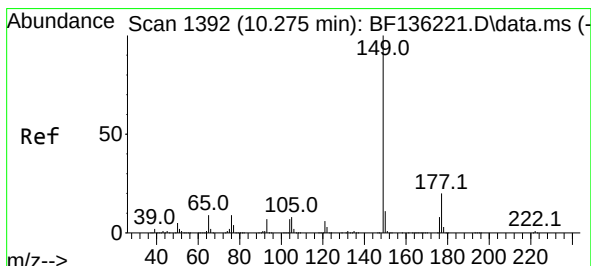
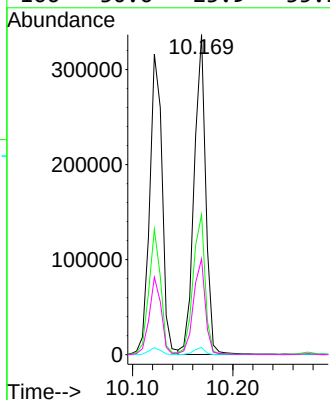
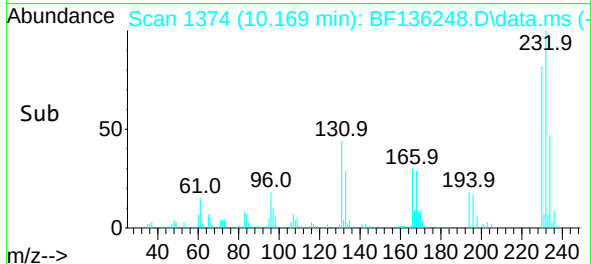
Instrument :
BNA_F
ClientSampleId :
PB157197BS



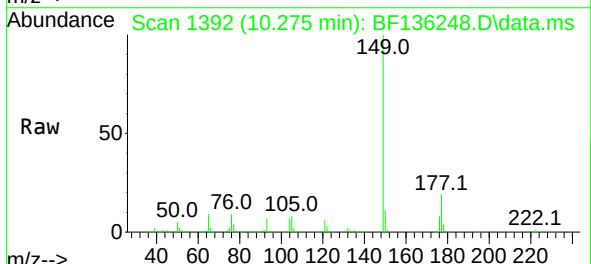
Tgt Ion:232 Resp: 269714
Ion Ratio Lower Upper
232 100
131 45.5 36.4 54.6
130 2.2 1.9 2.9
166 30.6 23.9 35.9

Manual Integrations
APPROVED

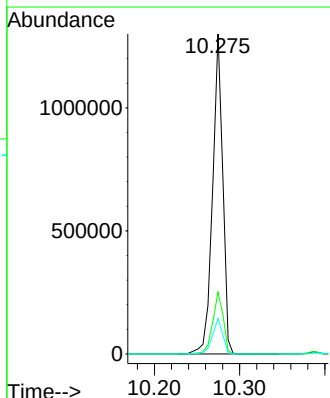
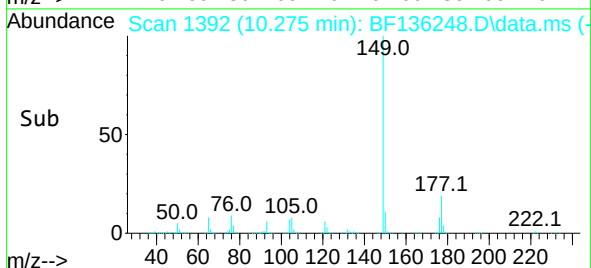
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

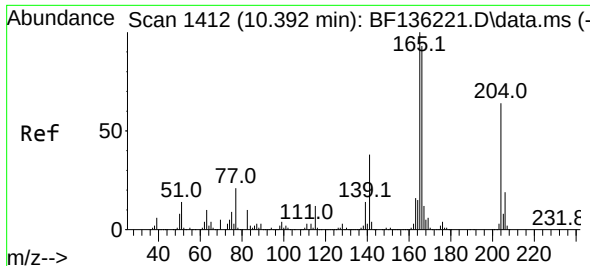


#60
Diethylphthalate
Concen: 48.595 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:149 Resp: 1077180
Ion Ratio Lower Upper
149 100
177 19.3 15.8 23.6
150 11.1 8.8 13.2





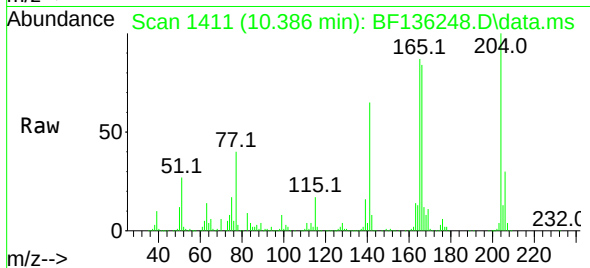
#61
4-Chlorophenyl-phenylether
Concen: 47.679 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

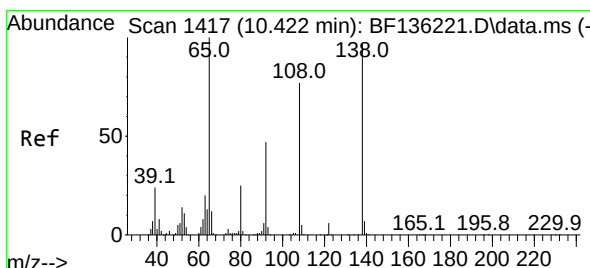
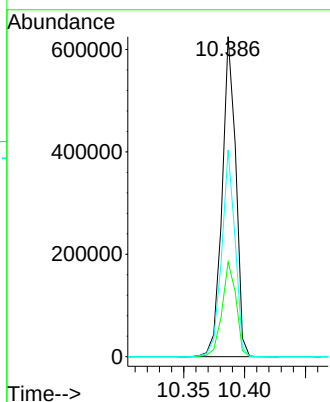
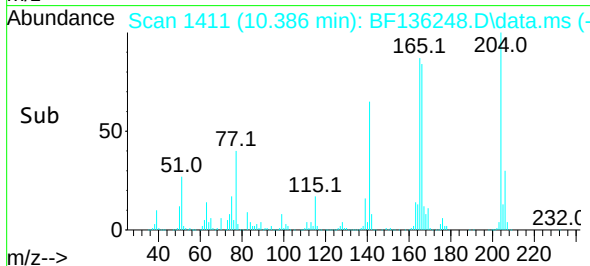


Tgt Ion:204 Resp: 48936
Ion Ratio Lower Upper
204 100
206 29.6 23.4 35.0
141 64.6 47.6 71.4

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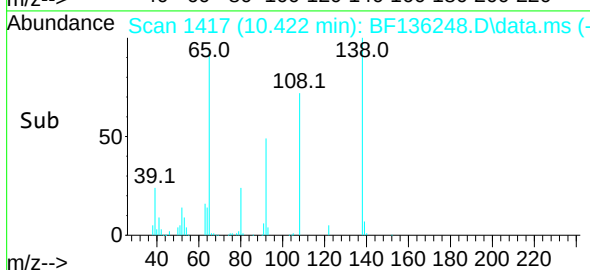
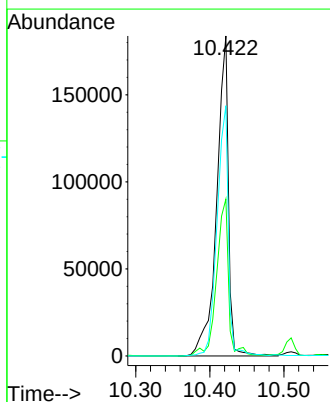
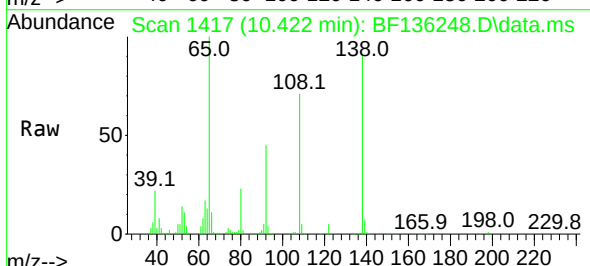
APPROVED

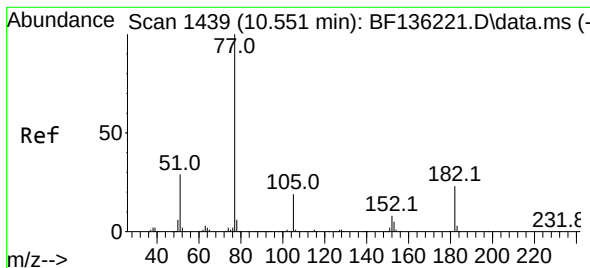
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 46.135 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

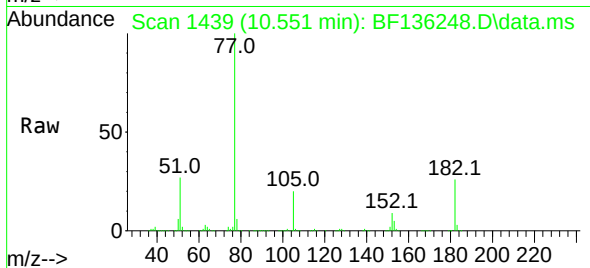
Tgt Ion:138 Resp: 202849
Ion Ratio Lower Upper
138 100
92 49.0 28.5 68.5
108 78.2 59.8 99.8





#63
Azobenzene
Concen: 48.816 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

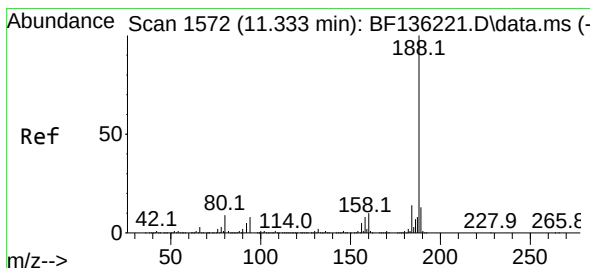
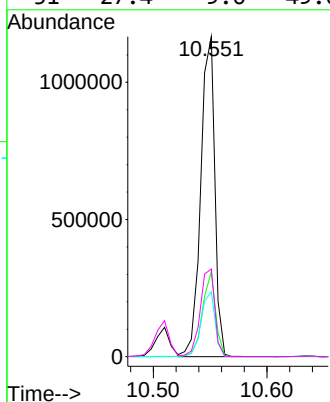
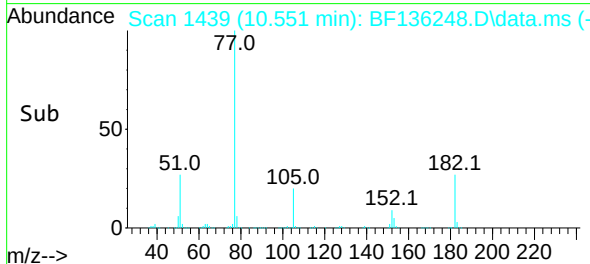
Instrument :
BNA_F
ClientSampleId :
PB157197BS



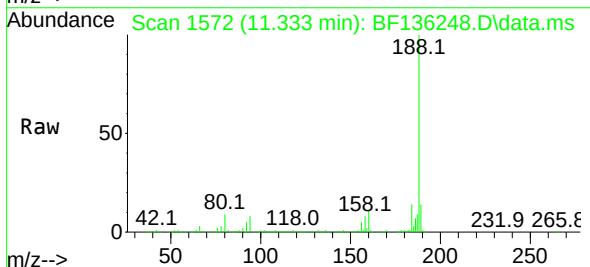
Tgt Ion: 77 Resp: 1003164
Ion Ratio Lower Upper
77 100
182 26.5 3.3 43.3
105 20.3 0.0 39.5
51 27.4 9.0 49.0

Manual Integrations
APPROVED

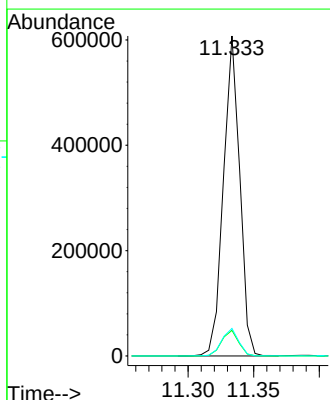
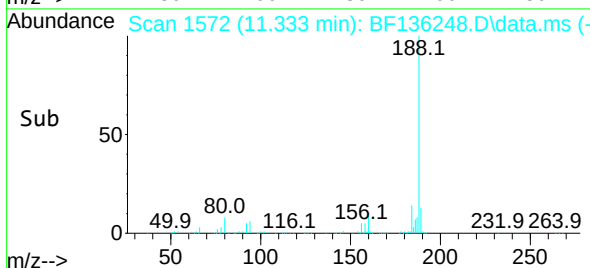
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

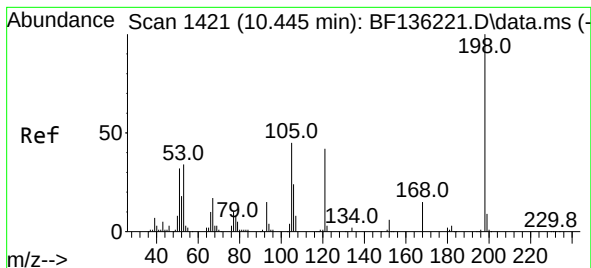


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:188 Resp: 524234
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.6 7.2 10.8





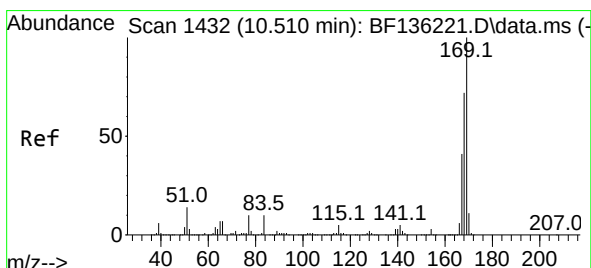
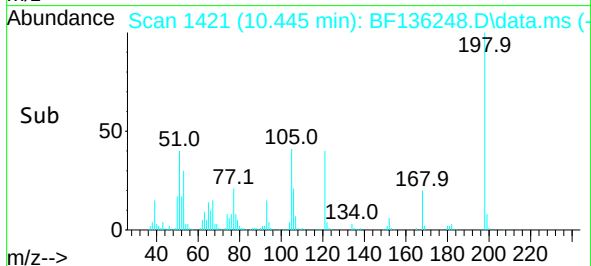
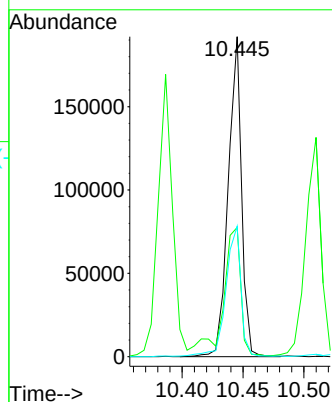
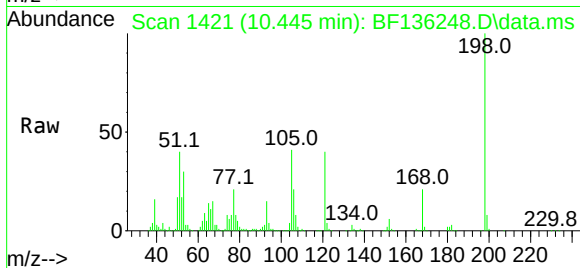
#65
4,6-Dinitro-2-methylphenol
Concen: 51.273 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :
BNA_F
ClientSampleId :
PB157197BS

Tgt Ion:198 Resp: 146988
Ion Ratio Lower Upper
198 100
51 40.4 28.2 68.2
105 40.7 25.7 65.7

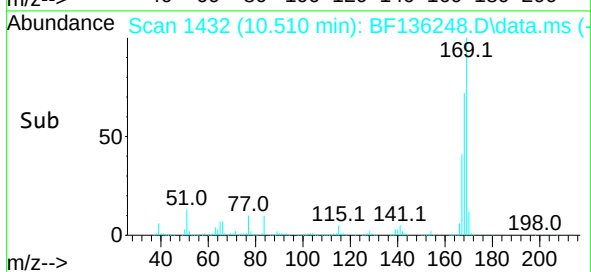
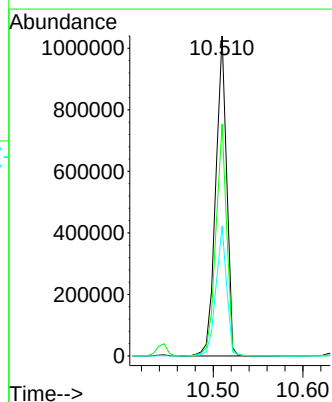
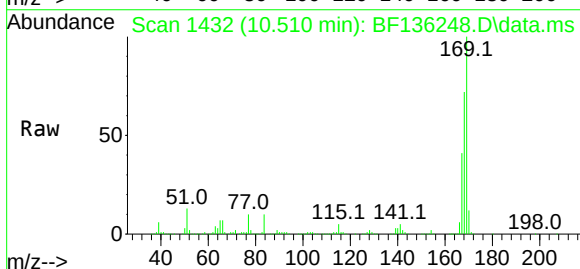
Manual Integrations
APPROVED

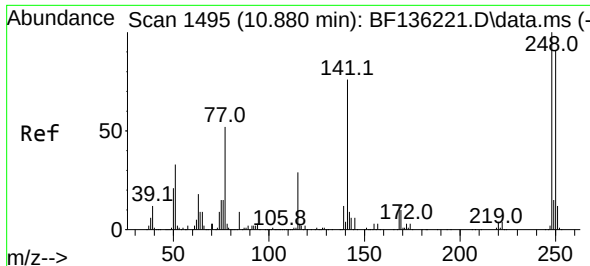
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 52.825 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:169 Resp: 887457
Ion Ratio Lower Upper
169 100
168 72.5 57.8 86.6
167 40.5 32.7 49.1





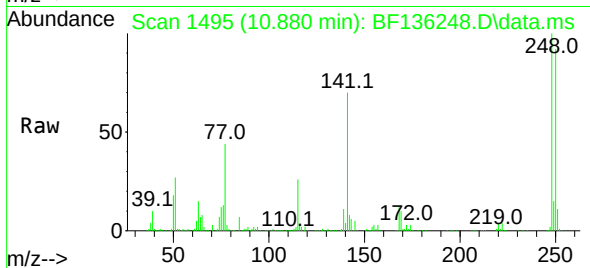
#67
4-Bromophenyl-phenylether
Concen: 50.425 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

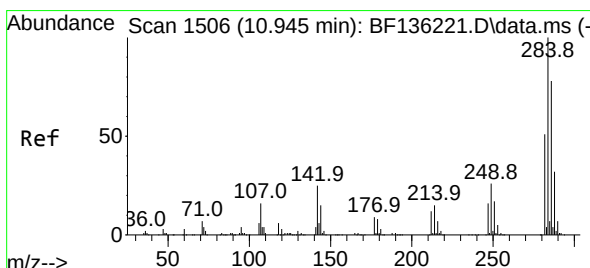
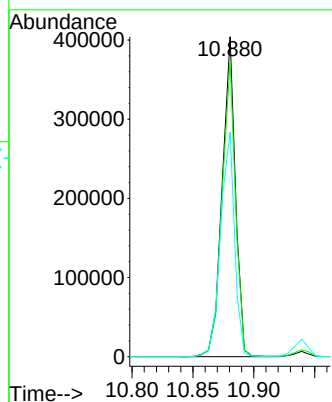


Tgt Ion:248 Resp: 308399
Ion Ratio Lower Upper
248 100
250 92.2 72.5 108.7
141 70.2 60.8 91.2

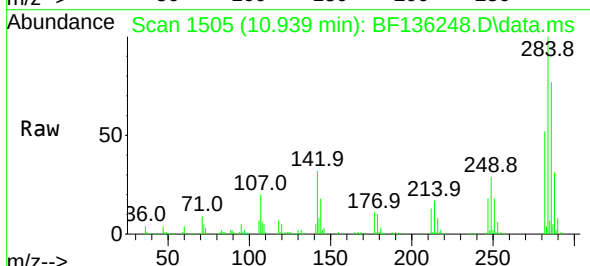
Manual Integrations

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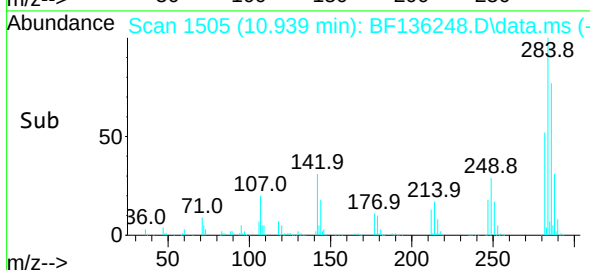
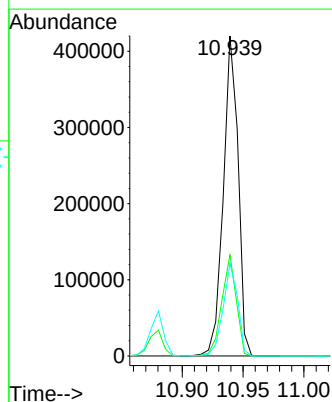
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

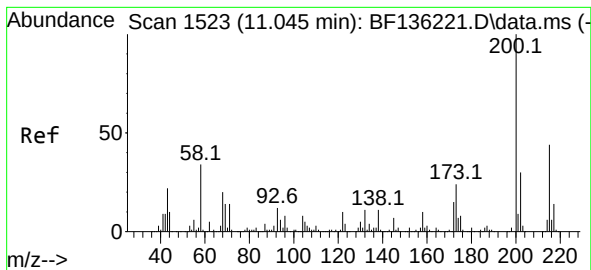


#68
Hexachlorobenzene
Concen: 50.168 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36



Tgt Ion:284 Resp: 355112
Ion Ratio Lower Upper
284 100
142 31.6 19.8 29.8#
249 28.9 21.0 31.4





#69

Atrazine

Concen: 57.645 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:200 Resp: 28728

Ion Ratio Lower Upper

200 100

173 23.8 4.3 44.3

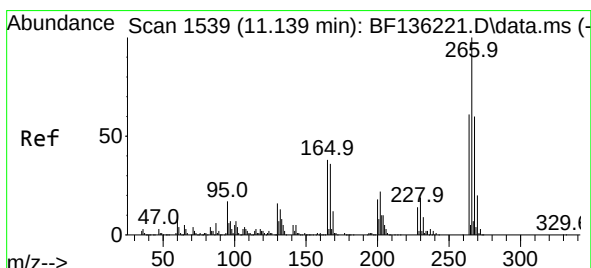
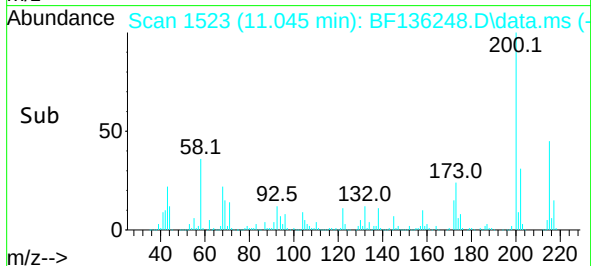
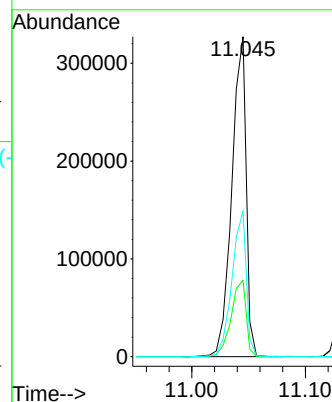
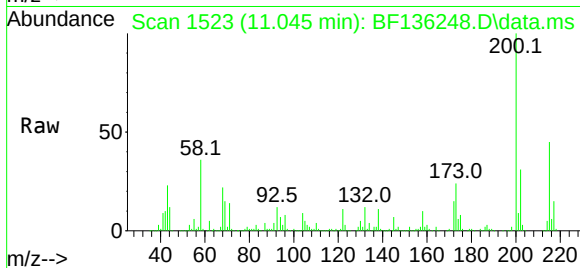
215 45.4 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 99.012 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

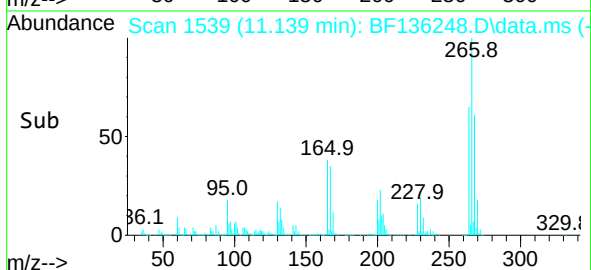
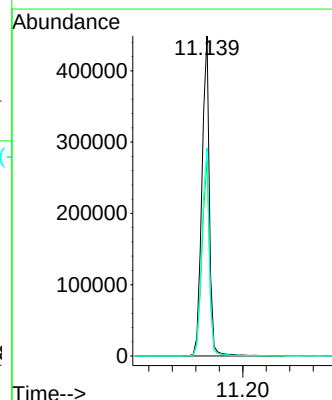
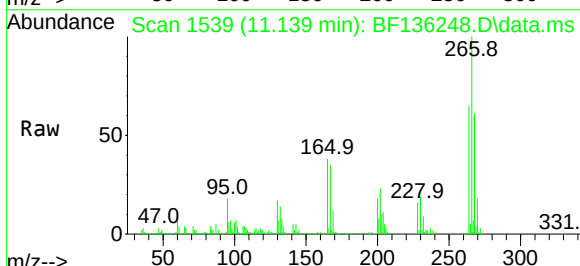
Tgt Ion:266 Resp: 396163

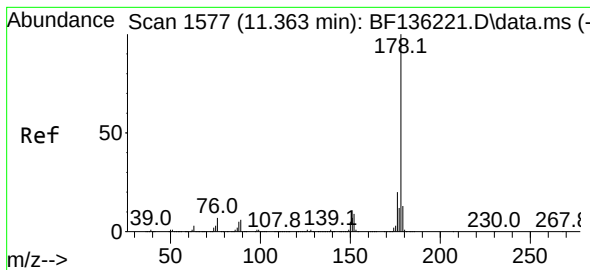
Ion Ratio Lower Upper

266 100

268 61.0 47.9 71.9

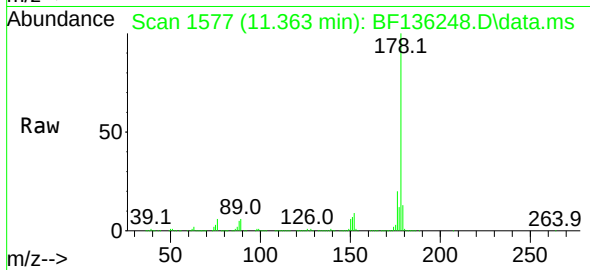
264 65.1 49.1 73.7





#71
Phenanthrene
Concen: 52.740 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

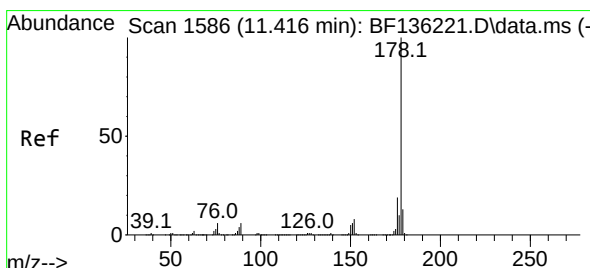
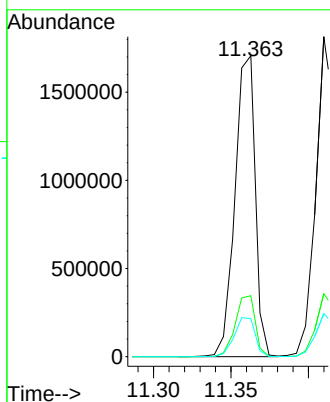
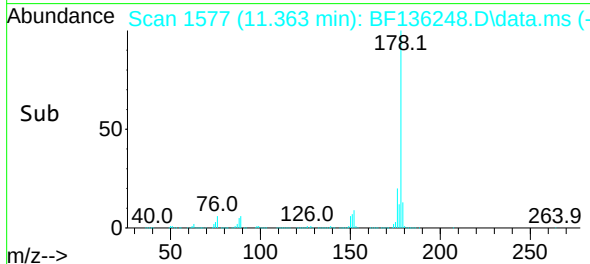
Instrument :
BNA_F
ClientSampleId :
PB157197BS



Tgt Ion:178 Resp: 1553958
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 12.6 10.3 15.5

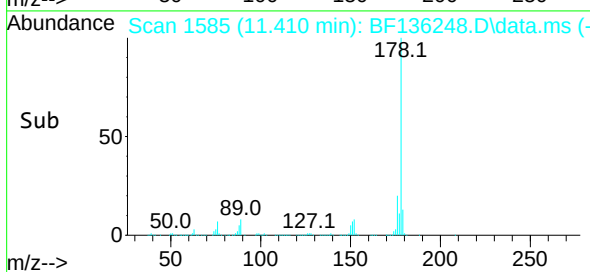
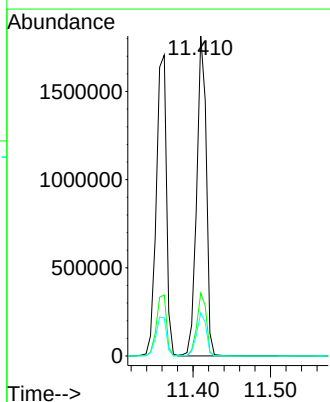
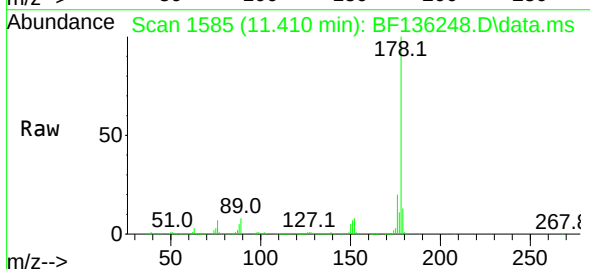
Manual Integrations
APPROVED

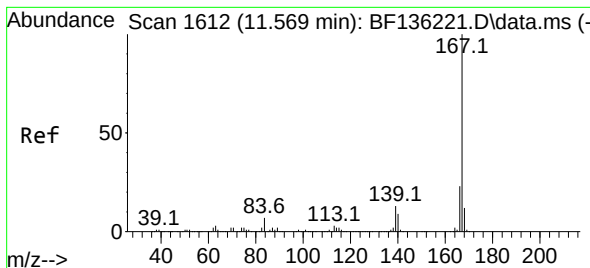
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 52.785 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:178 Resp: 1559655
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 13.4 10.5 15.7





#73

Carbazole

Concen: 47.645 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:167 Resp: 119733

Ion Ratio Lower Upper

167 100

166 23.4 18.4 27.6

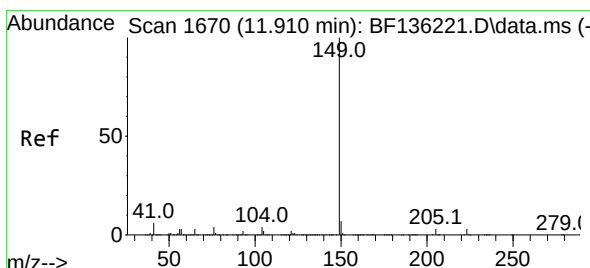
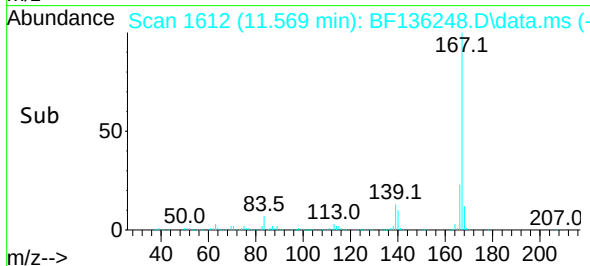
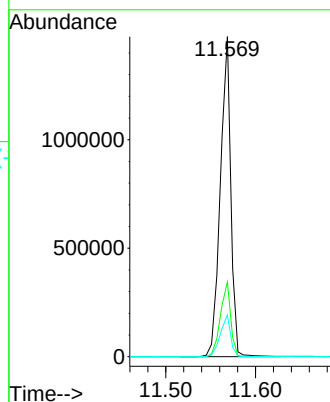
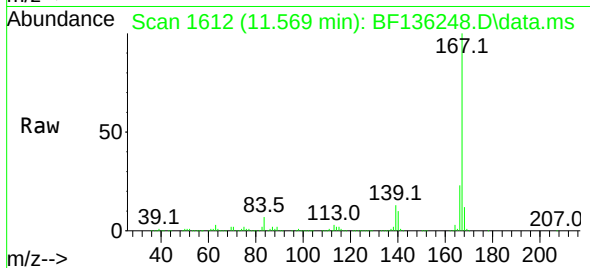
139 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#74

Di-n-butylphthalate

Concen: 51.500 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

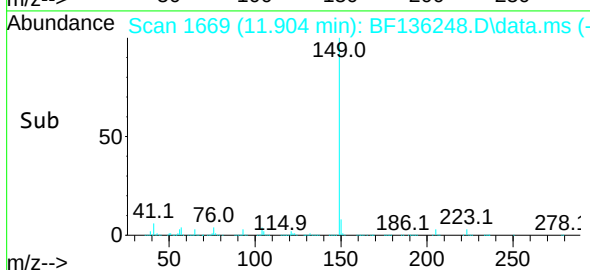
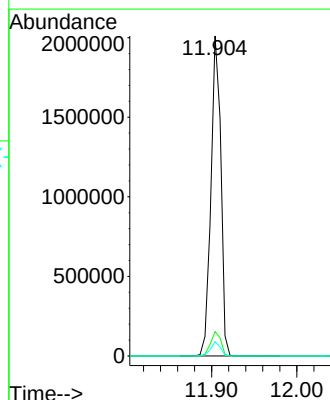
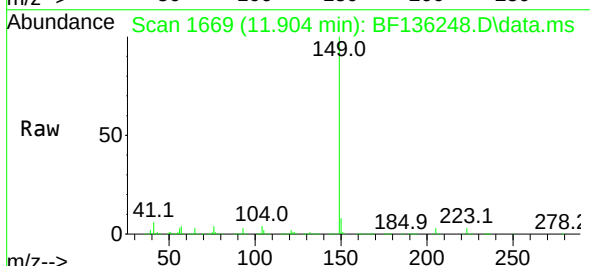
Tgt Ion:149 Resp: 1619350

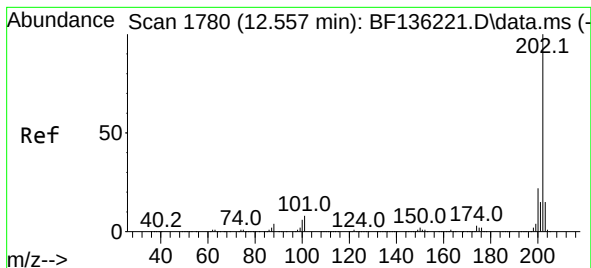
Ion Ratio Lower Upper

149 100

150 7.6 6.0 9.0

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 47.516 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:202 Resp: 1421279

Ion Ratio Lower Upper

202 100

101 9.4 0.0 27.8

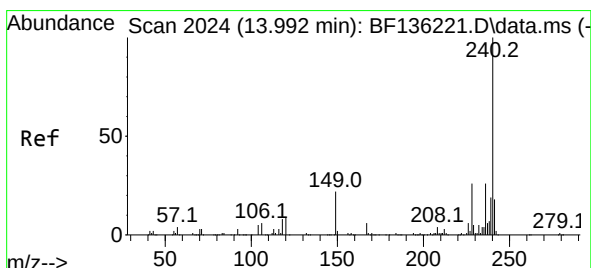
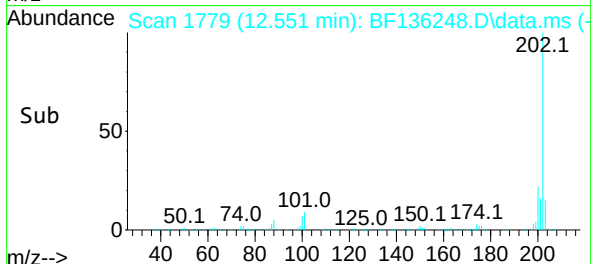
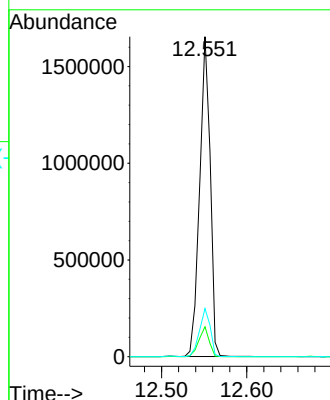
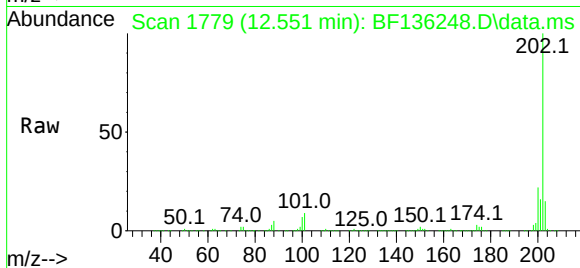
203 15.1 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

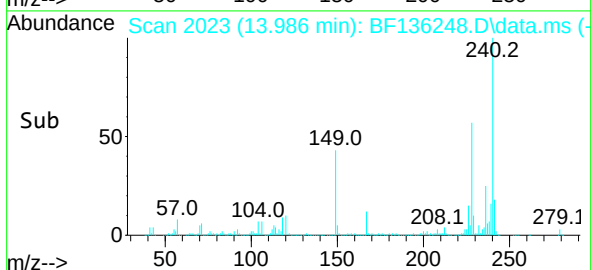
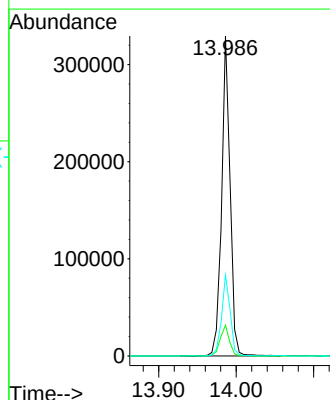
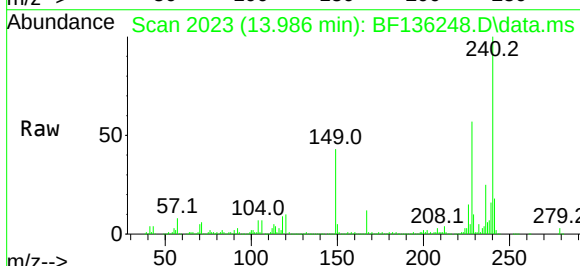
Tgt Ion:240 Resp: 249649

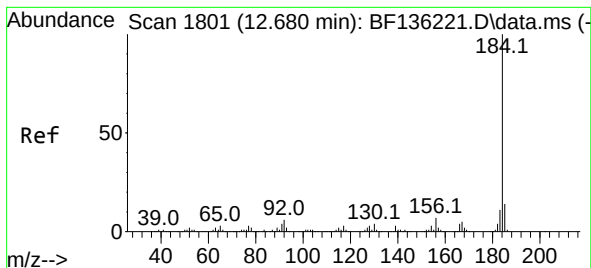
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 25.3 21.1 31.7





#77

Benzidine

Concen: 63.672 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136248.D

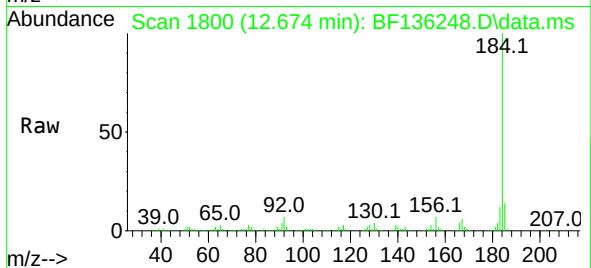
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



Tgt Ion:184 Resp: 26129

Ion Ratio Lower Upper

184 100

185 13.6 11.0 16.6

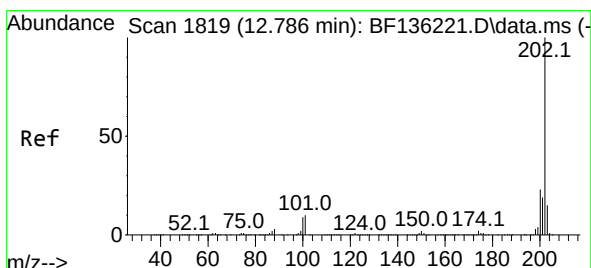
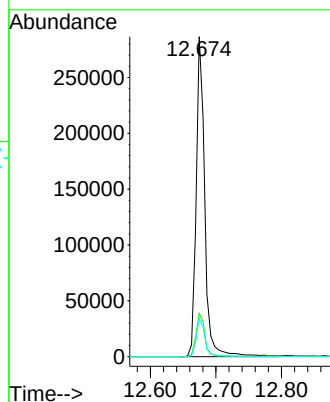
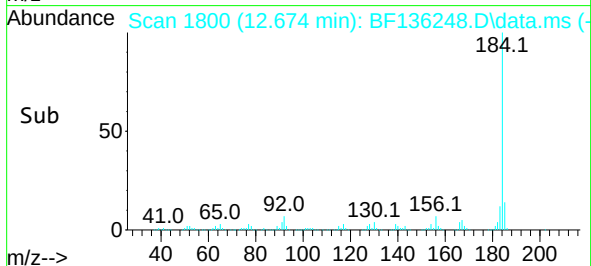
183 11.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#78

Pyrene

Concen: 51.335 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

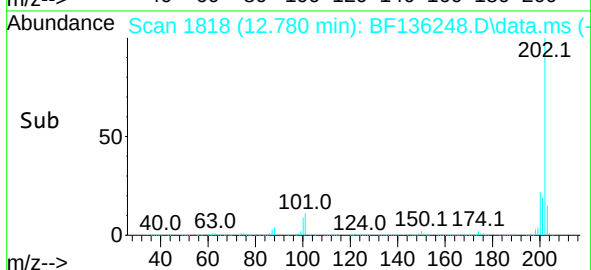
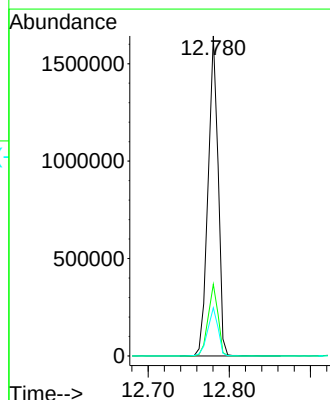
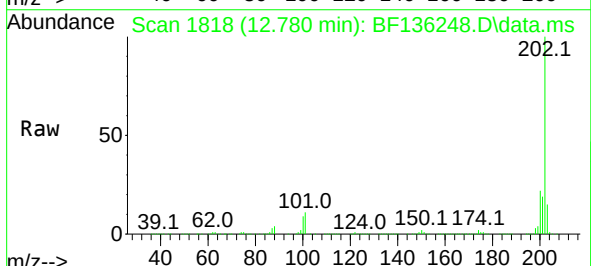
Tgt Ion:202 Resp: 1403552

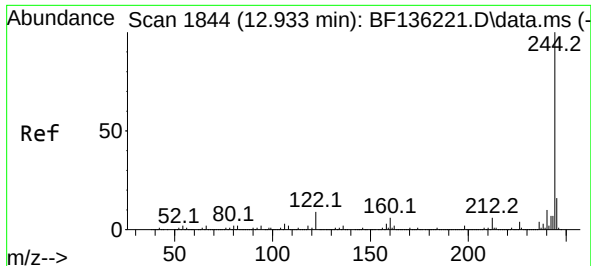
Ion Ratio Lower Upper

202 100

200 22.4 18.4 27.6

203 15.1 11.8 17.6





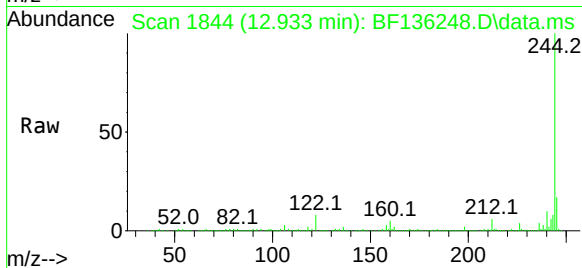
#79
 Terphenyl-d14
 Concen: 95.530 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136248.D
 Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

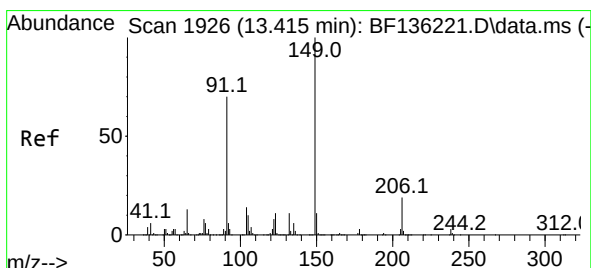
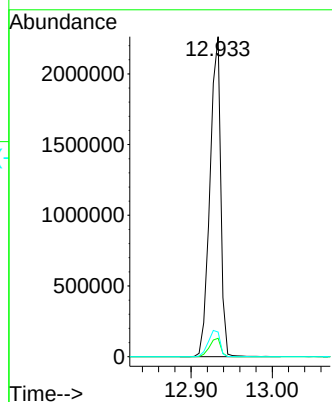
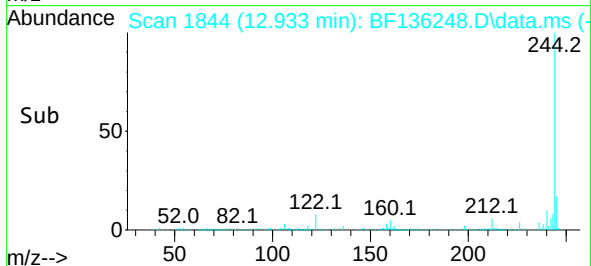


Tgt Ion:244 Resp: 2067550
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 7.7 7.3 10.9

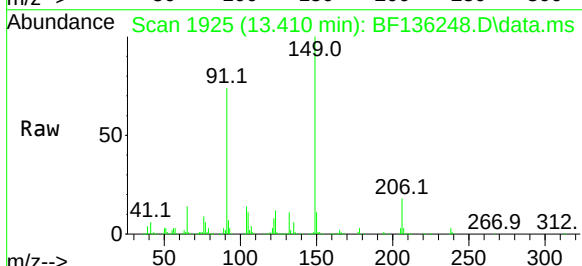
Manual Integrations

APPROVED

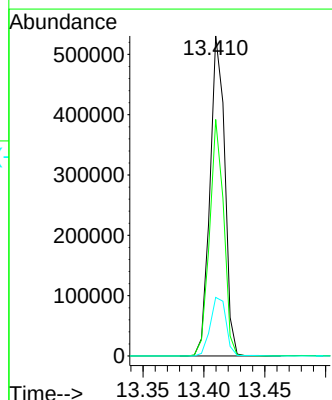
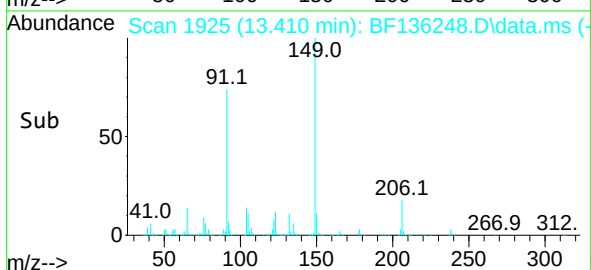
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

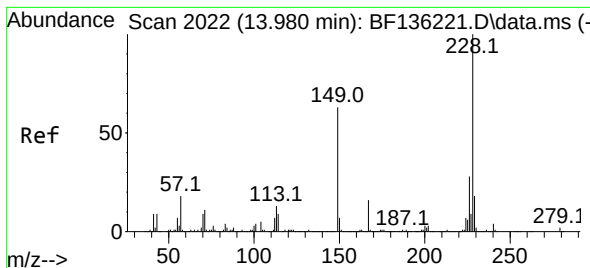


#80
 Butylbenzylphthalate
 Concen: 52.631 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136248.D
 Acq: 28 Nov 2023 14:36



Tgt Ion:149 Resp: 447849
 Ion Ratio Lower Upper
 149 100
 91 73.9 56.4 84.6
 206 18.3 14.8 22.2





#81

Benzo(a)anthracene

Concen: 52.010 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136248.D

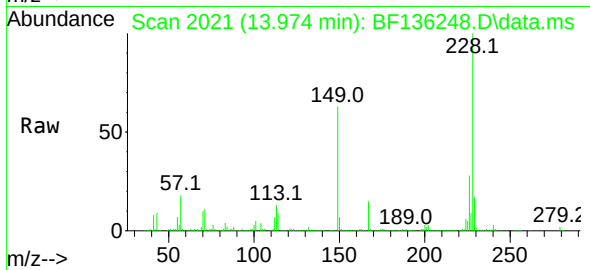
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



Tgt Ion:228 Resp: 964424

Ion Ratio Lower Upper

228 100

226 27.6 22.6 34.0

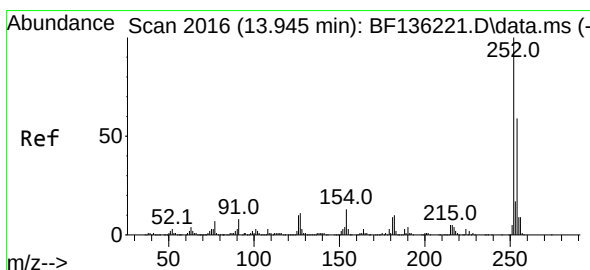
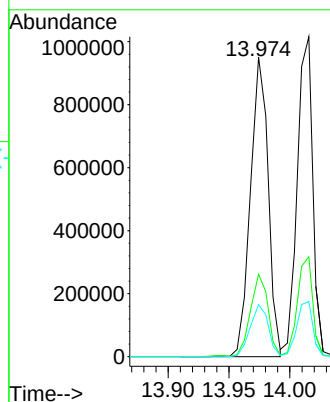
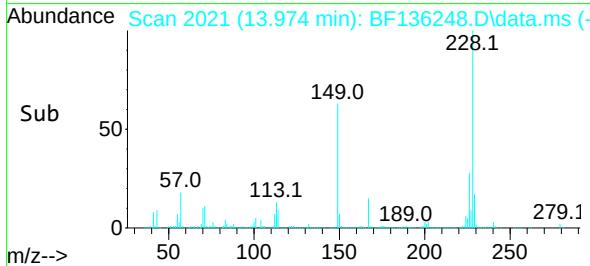
229 17.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 47.085 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

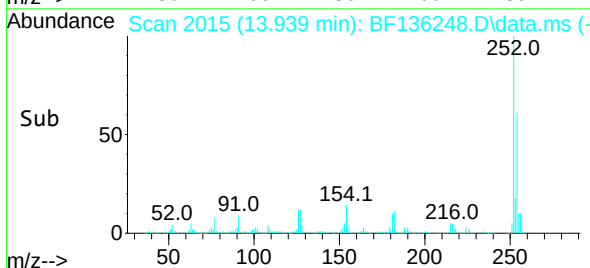
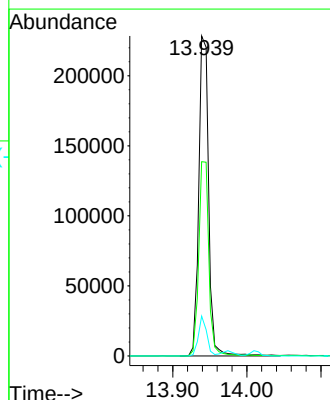
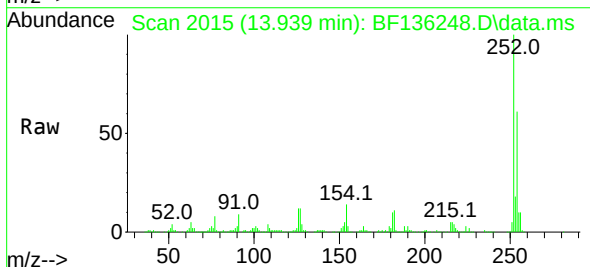
Tgt Ion:252 Resp: 210168

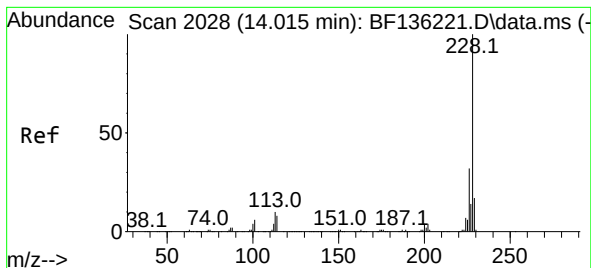
Ion Ratio Lower Upper

252 100

254 60.7 47.4 71.2

126 12.4 8.3 12.5





#83

Chrysene

Concen: 50.722 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136248.D

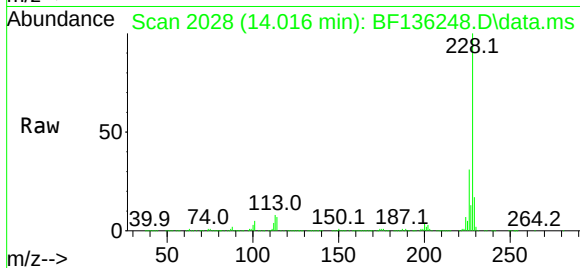
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



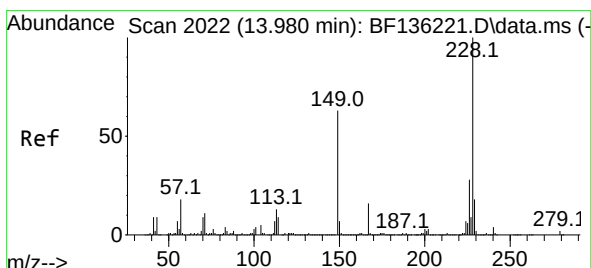
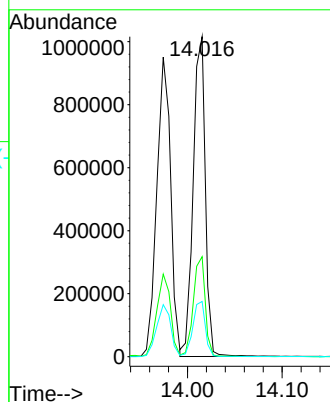
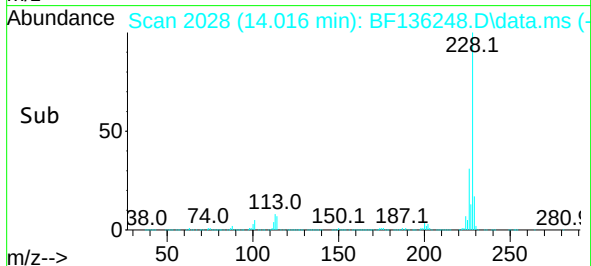
Tgt Ion:	228	Resp:	908129
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.5	38.3
229	17.2	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.452 ng

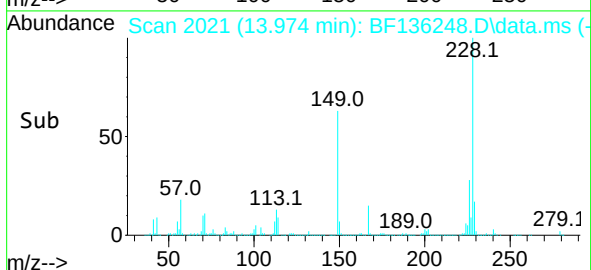
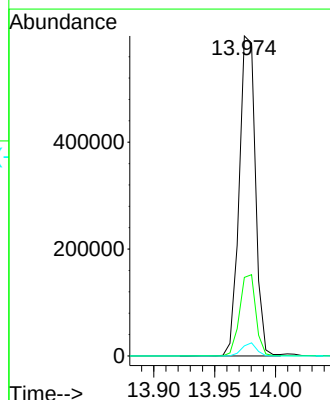
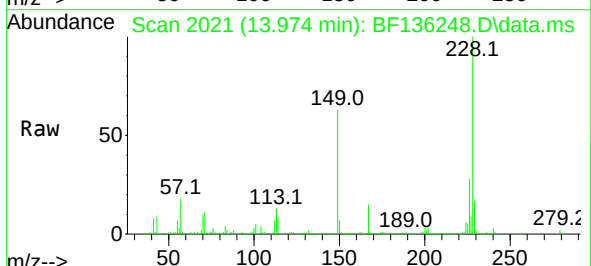
RT: 13.974 min Scan# 2021

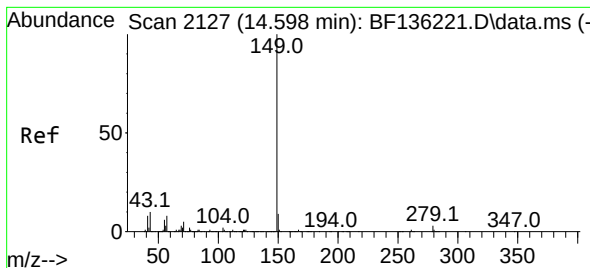
Delta R.T. -0.006 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Tgt Ion:	149	Resp:	556065
Ion Ratio	Lower	Upper	
149	100		
167	24.6	20.2	30.2
279	3.2	2.4	3.6





#85

Di-n-octyl phthalate

Concen: 57.656 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136248.D

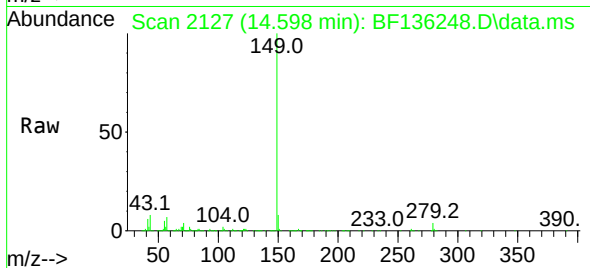
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS



Tgt Ion:149 Resp: 975550

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

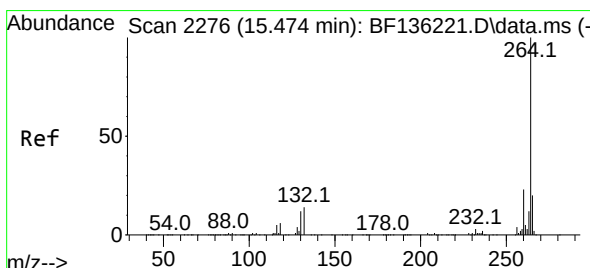
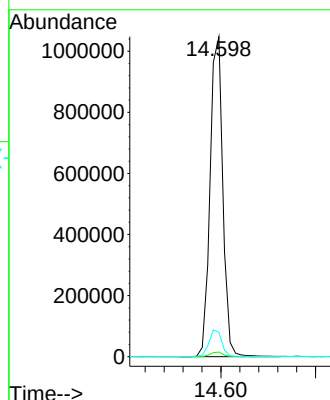
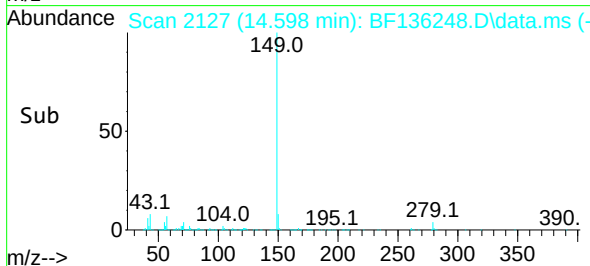
43 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.011 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

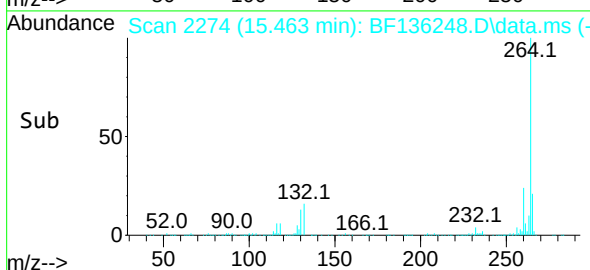
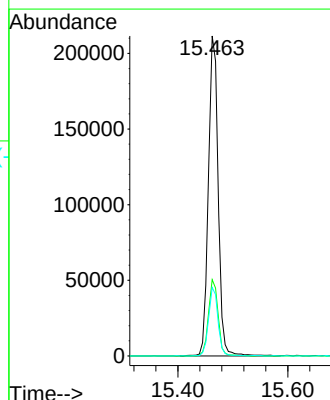
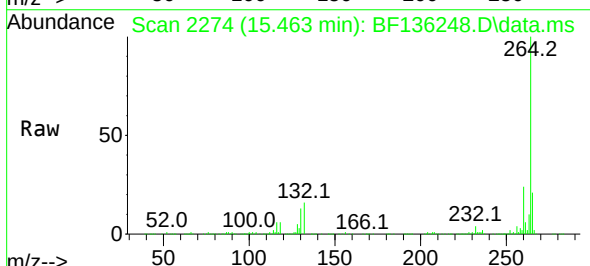
Tgt Ion:264 Resp: 260827

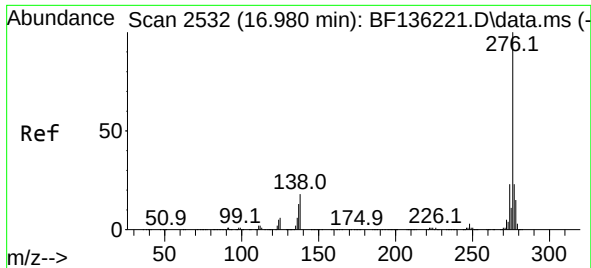
Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.4 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.073 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

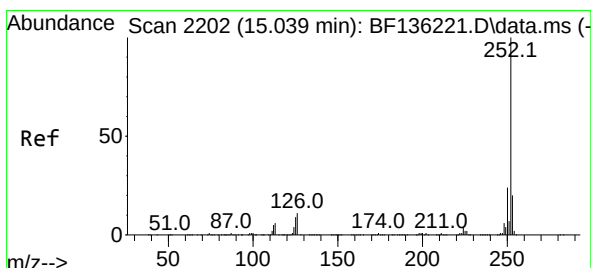
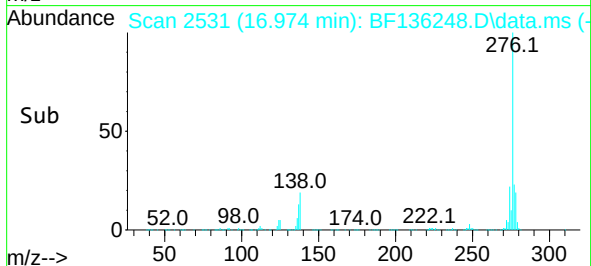
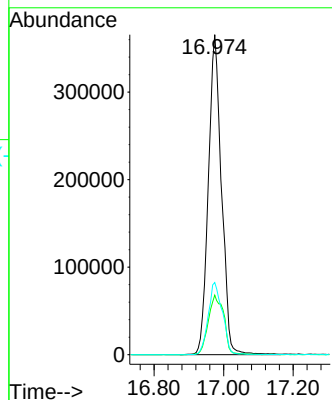
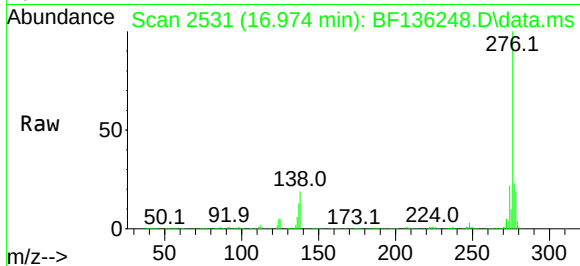
PB157197BS

Tgt Ion:276 Resp: 95797
Ion Ratio Lower Upper
276 100
138 22.1 17.7 26.5
277 24.4 19.6 29.4

Manual Integrations

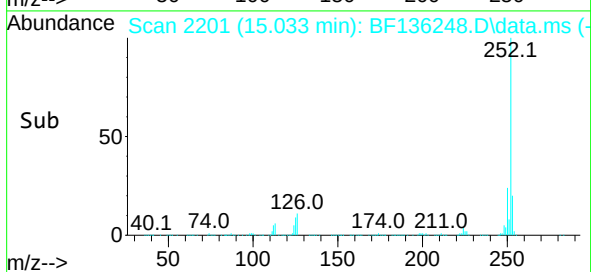
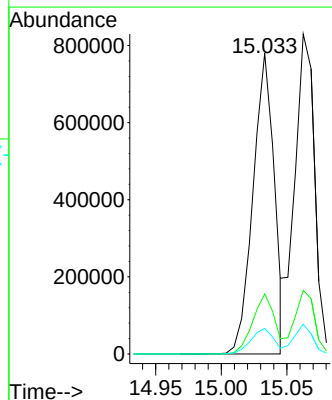
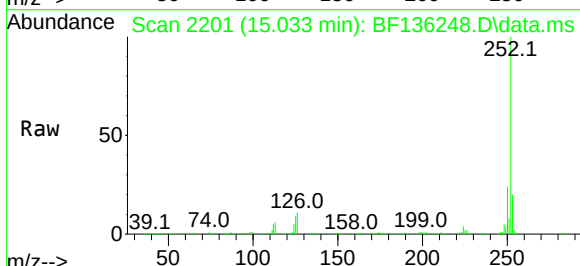
APPROVED

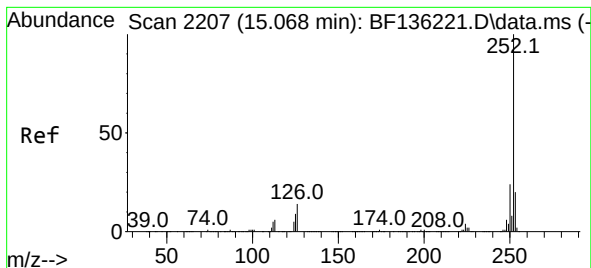
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#88
Benzo(b)fluoranthene
Concen: 48.054 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:252 Resp: 879343
Ion Ratio Lower Upper
252 100
253 19.9 16.2 24.2
125 8.5 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 50.681 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

ClientSampleId :

PB157197BS

Tgt Ion:252 Resp: 88083

Ion Ratio Lower Upper

252 100

253 19.9 15.6 23.4

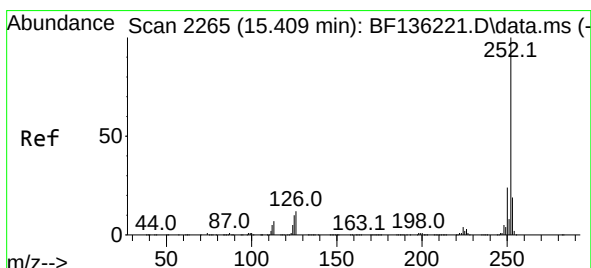
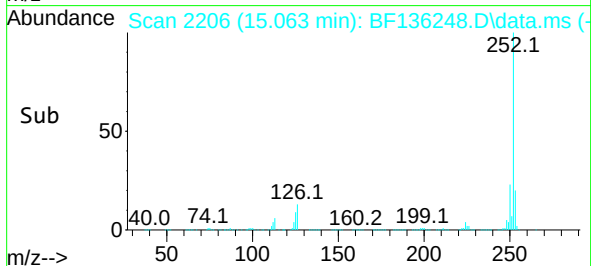
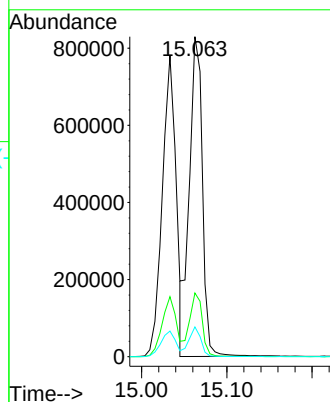
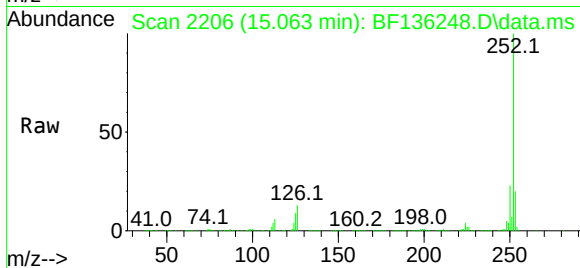
125 9.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#90

Benzo(a)pyrene

Concen: 51.567 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.005 min

Lab File: BF136248.D

Acq: 28 Nov 2023 14:36

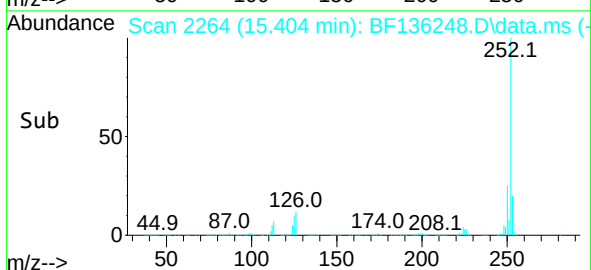
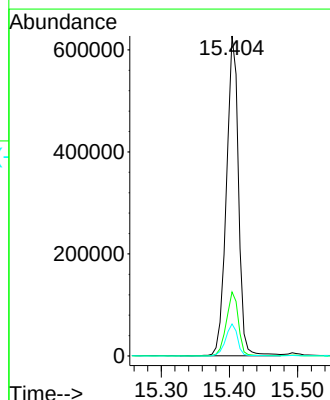
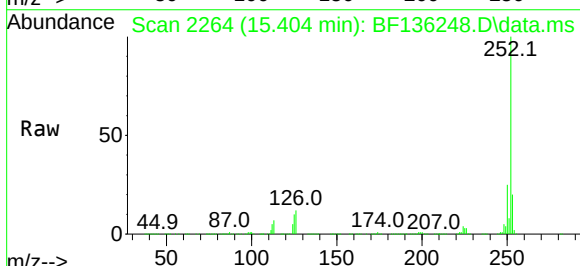
Tgt Ion:252 Resp: 771408

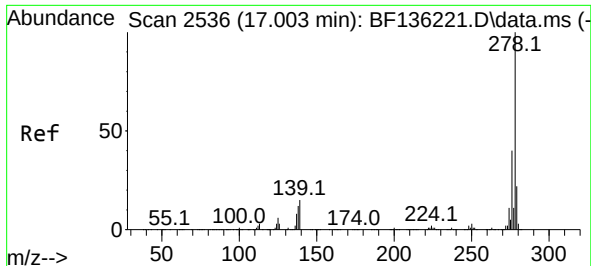
Ion Ratio Lower Upper

252 100

253 20.0 15.5 23.3

125 10.0 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 49.059 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Instrument :

BNA_F

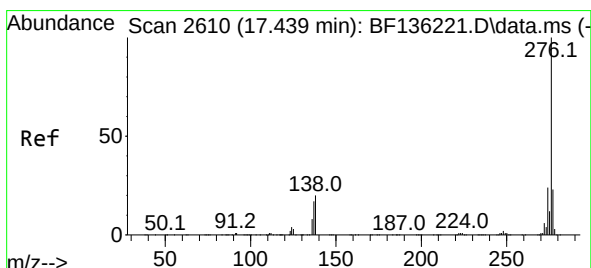
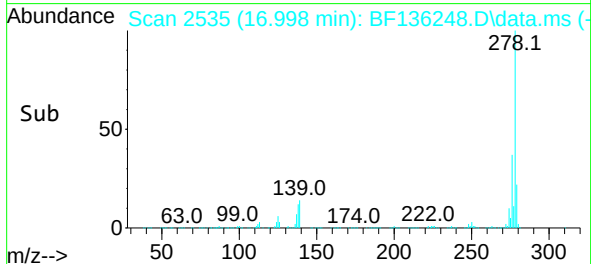
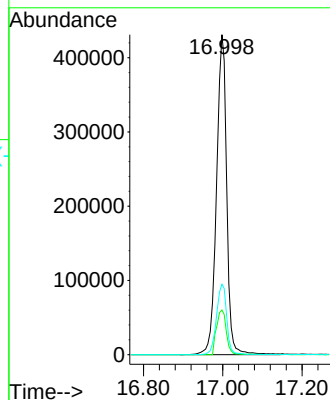
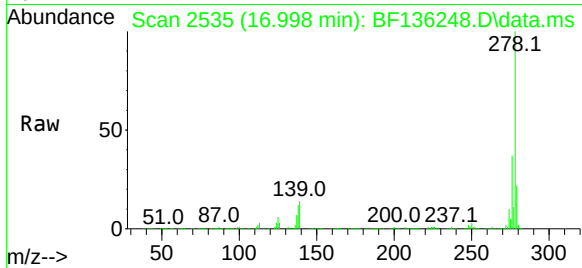
ClientSampleId :

PB157197BS

Tgt Ion:278 Resp: 768652
Ion Ratio Lower Upper
278 100
139 13.9 11.7 17.5
279 22.0 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 47.074 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136248.D
Acq: 28 Nov 2023 14:36

Tgt Ion:276 Resp: 738554
Ion Ratio Lower Upper
276 100
277 22.8 18.6 27.8
138 18.8 15.8 23.8

